

SPC/FFA REGIONAL LONGLINE FISHERIES

Trip Preparation Page

A few words of preparation: Remember it is the responsibility of contracted observers to ensure they are properly prepared for their trips – to be in good health, good mind, up to date with current requirements and to have all necessary **forms** and equipment.

At the start of each trip it is imperative to check that all the following items are available for the trip:

Tick a box only when you are sure you have that item. →

N.B.:
Forms version
should be
"Revised
Mar. 2014"

1.	One of these Observer Workbooks for every 15 days at sea	
2.	Sufficient Catch Monitoring Forms LL-4's for the trip (30 sheets per pad)	
3.	Extra pads of LL-2/3 as required (30 sheets per pad)	
4.	Sufficient Observer Journals (normally 30 pages per Journal)	
5.	Two blank notebooks (preferably waterproof)	
6.	One box of pens and pencils (should contain at least 10 X 2B pencils, 2 x erasers, 1 x pencil sharpener, paper clips, 2 x pens, 2 x waterproof felt pens, 1 x small straight-edge ruler)	
7.	One calculator	
8.	One set of fish-measuring callipers/ and or board.	
9.	A suitable chart	
10.	Your personal requirements	
11.	Your personal requirements	
12.		
13.		
14.		
15.		

Being prepared from the start will make a trip far easier and more pleasant
and far more effective.

Have a great trip!



**OBSERVER PROJOURNALGRAMME
FIELD DATA COLLECTION INSTRUCTIONS**

(Read these regularly)

**Ensure that your observer trip I.D. number* is recorded on every form, your journal
and any other sheets containing information relative to the trip.**

1. Please write clearly - unreadable data are of no use. Use a sharp pencil and keep a spare sharp pencil handy. For waterproof paper and plastic boards write with a soft (#2 or #2B) pencil. An eraser should be used to correct errors on the day of entry only.
2. If using a camera the first photograph on each film should be of a piece of paper with the observer trip ID number written in very large numbers, with the date the photograph is taken written underneath. For a clear picture keep the camera at least 1.5 metres from the paper. Use a waterproof felt-tip pen to record the observer trip ID number on the metal casing of any films used or on the outside of disposable cameras used.
3. Always carry a notebook (preferably waterproof) and pencil with you on deck. Note information as it happens and transfer to forms or diary once inside. After information is in journal draw a single neat line through notebook entry to show it is done.
4. Unless otherwise stated, make only one (the best) choice when using the codes to record data.
5. Everything you write on the forms should be printed. Always be conscious about being neat.
6. Number the pages in your journal. Think of something to write in it every day. Don't forget to start each day's entries with the date.
7. Notes and comments are good but, on forms, restrict these only to the areas for that purpose. If there is not enough space to write all that is useful or interesting on the form, make a short note and continue in the journal. Record journal page number next to the short note on the form.
8. Observe and record data accurately. Extra notes and explanations should be simple and clear. Record data as it happens. All data should be entered the same day - trust nothing to memory.
9. Make sure forms are filled in the right order. If a form is accidentally left blank and one after it is filled instead, do not go back to fill the blank form later. If a blank form is discovered between filled forms, draw a thick line diagonally across the page and write "missed" on it.
10. Do not make any changes or corrections to data after the day it is recorded. If a mistake is discovered later, draw a neat circle around it and write:
"Mistake - correct entry is ??? (whatever it is). See journal page No. ??"
at the top of the form. Comment in the journal why it was a mistake and how it was discovered.
11. All compass readings are to be degrees true. Do not use magnetic readings.
(Note: true north is 000 degrees).

*** UNDERSTANDING OBSERVER TRIP ID NUMBERS**

The observer trip ID number is issued by the authority that authorised the observer trip. It is unique to one ever single observer trip. It should be recorded on any piece of paper with information related to that trip so that no matter where that paper finishes up it can always be traced to that specific trip.

If an observer from a National Observer Programme works in a regional programme for a trip or two, then the observer should use the Observer Trip ID Number provided by the regional programme and not one from the National Programme. If a national programme insists on recording their number (as occasionally happens) record it on the front of this workbook only - in the second (smaller) space provided for a second trip ID number. BUT record the correct regional programme number on all other forms etc., as usual.

N.B.: all observer trips in the region are recorded on the OFP regional database using both the number given and a number made up of: 1) a unique 3-letter code issued to every observer in the region, followed by a space; 2) then two digits for the year, followed by a dash; 3) then two digits that show the number of observer trips that the observer has started that year.

(For example, Albert Einstein, starting his ninth trip in the year 2001 would have the observer trip ID number: ABC 01-09.)

This is also the format used by several national programmes. It has the advantage that an observer knows these things and so knows the trip ID number without having to ask. If the number given does not use this format and the second space is not otherwise needed for a differently formatted number given by a National Programme, then the observer could record this format in the second space.

**SPC/FFA REGIONAL OBSERVER
OBSERVER PLACEMENT MEETING RECORD**

FORM SUP-1 (pg1)

REV MAR. 2014

TRIP DETAILS

OBSERVER NAME		TRIP START LOCATION		TRIP START DATE (YY/MM/DD)	
OBSERVER TRIP ID NUMBER		ESTIMATED TRIP END LOCATION		VESSEL GEAR	
VESSEL NAME		FLAG		UVI and /or IRCS	
VESSEL SIZE: circle to indicate	< 16 metres	16-25 meters	26-39 meters	40-65 meters	> 65 meters

OBSERVER PLACEMENT CHECKLIST

A Fisheries Authority Representative is to assist the observer, before and during boarding, as well as over see that information is recorded and actions taken as prescribe in this form. Please intial the space at the left of each number item to show it has been completed.

<i>Initial :</i>		<i>Placement Officer to initial when they have:</i>
1		Set up the placement meeting
2		Assisted the observer with their personal requirements before boarding
3		Checked that the observer has been assigned appropriate accommodation and an area to store their equipment
4		Carried out a vessel safety check in the presence of the observer and Captain
5		Ensured that the Captain receives and understands the attached description (check-list) of standard observer duties and vessel obligations
6		Ensured that both parties are informed of their rights and responsibilities under CMM 2007-01 (Show and, if necessary, supply copy)
7		Carried out a vessel safety check in the presence of the observer and Captain
8		Reminded the observer of their obligation to work with the crew as best they are able.
9		Reminded the Captain and Observer of importance of cooperation
10		Supplied or informed the Captain of the "Vessel on Observer Report" form
11		Informed the Captian and Observer than an observer-debriefing meeting will take place immediately upon return to port at completion of trip

<i>Initial :</i>		<i>Observer to initial when they have:</i>
12		Clearly described any special sampling requirements to the Vessel Captain
13		Been present at the Vessel Safety Check and have agreed to board the vessel
14		Informed the Captain of any special medical issues; and supplied contacts details for their next of kin

<i>Initial :</i>		<i>Vessel Captain to initial when they have:</i>
15		Read and understood the "Obligations of the Vessel Operators to Observers"
16		Shown the observer all current and valid license certificates
17		Shown the observer the location of their life jacket
18		Informed the observer of all safety regulations, procedures and muster stations
19		Shown the observer which electronic bridge equipment is used and which is not used
20		Shown the observer how to obtain position and UTC time from the onboard GPS and plotter to which they have access to during the trip
21		Understood that offering excessive alcohol to observers may interfere with their work duties and general conduct; and be aware that many observers are required by their programmes' Code of Conduct not to drink alcohol at any time while onboard the vessel

Notes for the VESSEL CAPTAIN on the OBSERVER PLACEMENT

An observer's primary function is to collect and report reliable and accurate information for scientific, management and compliance. Observers collect data on any fish, including catch and effort, size composition, position, fishing methods, fisheries interactions, environmental impact, processing and distribution (including discards) and any other matter that may assist fisheries managers verify information for purpose of administering fisheries regulations, license requirements and access agreements.

The observer duties and their obligations, along with the obligations of the vessel operator to the observers are described below. A thorough understanding of these by both the vessel operator and the observer will help ensure an effective working arrangement while on board.

→ Vessel Captain please read and initial when the obligations of both parties is understood INITIAL

OBSERVER'S DUTIES AND OBLIGATIONS

- 1 Must promptly report any harassment they were subjected to (including a written report to their fisheries authority representative or when not available the nearest Police station) _____
- 2 May take, measure and retain samples or specimens of any fish _____
- 3 May observe and record details of any incidental take, including the recording of set position information _____
- 4 May record position, activity and identification details of other vessels sighted _____
- 5 May use communications and other equipment of the vessel but should get permission from the Captain before using it _____
- 6 Should not be involved in the fishing operations but may assist in normal vessel housekeeping duties _____
- 7 Should not stand watch on the vessel _____
- 8 May take photographs of the fishing operations, including fish, gear, equipment, documents, charts and records, and remove from the vessel such photographs or film as was taken or used onboard _____

OBLIGATIONS OF THE VESSEL OPERATORS TO THE OBSERVER

- 9 Ensure vessel personnel do not assault, obstruct, resist, refuse boarding to, delay, intimidate or interfere with an observer performing observer duties _____
- 10 Provide access to the bridge, communications and navigation equipment _____
- 11 Instruct observer on use of vessel communications equipment to receive and transmit message with the shore, Fishery Authority and other vessels _____
- 12 Assist observer as requested, in recording accurate vessel position using vessel navigation and positioning equipment _____
- 13 Provide access to areas where fish are held, processed, weighed or stored _____
- 14 Allow observer access to document and records, including all logbook for purpose of inspection and copying _____
- 15 Allow observer to remove samples _____
- 16 Ensure vessel personnel do not assault, obstruct, resist, refuse boarding to, delay, intimidate or interfere with an observer performing observer duties _____
- 17 Show the observer appropriate vessel safety procedures and location of various safety equipment (life rafts, life jackets, etc) and how to use such equipment in the event of an emergency _____
- 18 Advise the observer of dangerous work areas and instruct the observer on how to minimise exposure (e.g. hard hat) to danger yet still do their work _____
- 19 Provide the observer with food, clean bunk space large enough for a national observer and any necessary medical facilities and treatment in the course of the observer trip and up to two full days after landing in port. _____
- 20 Provide space for the storage of observer equipment, supplies and samples _____
- 21 Vessel operators and owners should be fully aware that any instance of reported observer harassment will be fully investigated and, if warranted, legal action will follow, which may include civil and criminal penalties _____

**SPC/FFA REGIONAL OBSERVER
OBSERVER PLACEMENT MEETING RECORD**

FORM SUP-1 (pg2)

REV MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER
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WCPFC VESSEL SAFETY CHECK

	CIRCLE ONE	
1 VESSEL SURVEY DOCUMENTATION (Current)	Yes No N/A	
2 CORRECT SIZE PERSONAL FLOATATION DEVICES AVAILABLE	Yes No N/A	
3 APPROVED LIFERAFT OR LIFEBOATS UNDER CURRENT SURVEY AND ADEQUATE FOR NUMBER OF CREW	Yes No N/A	
4 EPIRBs (Current Survey)	Yes No N/A	
5 DISTRESS SIGNALS AND FLARES	Yes No N/A	
6 FIRE FIGHTING EQUIPMENT IN GOOD ORDER	Yes No N/A	
7 FIRE EXTINGUISHERS (Current Checked)	Yes No N/A	
8 MARINE RADIO HF SSB or SUBSTITUTE COMMUNICATIONS	Yes No N/A	
9 NAVIGATION LIGHTS / VESSEL LIGHTS (Working Order)	Yes No N/A	
10 SOUND PRODUCING DEVICES OR BELL	Yes No N/A	
11 REGISTRATION DOCUMENTATION IN ORDER	Yes No N/A	
12 OTHER WORK RELATED VESSELS ON BOARD THAT COULD BE UTILISED IN CASE OF EMERGENCY	Yes No N/A	
13 NAUTICAL CHARTS AND NAVIGATION AIDS (GPS/RADAR)	Yes No N/A	
14 FIRST AID EQUIPMENT	Yes No N/A	
15 SANITATION	Yes No N/A	
16 PHONE	Yes No N/A	
17 EMAIL / FAX	Yes No N/A	
18 INSURANCE FOR OBSERVER WHILST ON BOARD	Yes No N/A	
19 VESSEL INSURANCE	Yes No N/A	
20 ROOM FOR CREW AND OBSERVER TO WORK SAFELY	Yes No N/A	

THE OBSERVER WAS PRESENT FOR THE VSC AND AGREES TO BOARD THE VESSEL YES / NO

(If no: record the reasons here and continue on to another attached page if necessary)

ACKNOWLEDGED (Observer Placement Meeting Record - page 1 and page 2, front and back read/ initialed/ accepted)

OBSERVER	NAME	SIGNATURE	DATE
VESSEL CAPTAIN	NAME	SIGNATURE	DATE
FISHING MASTER (if any)	NAME	SIGNATURE	DATE
FISHING AUTHORITY REPRESENTATIVE	NAME	SIGNATURE	DATE
INTERPRETER (if any)	NAME	SIGNATURE	DATE
FISHING AUTHORITY REPRESENTATIVE	NAME	INTERPRETER (if any)	DATE
	POSITION		POSITION

EXPLANATION ON VSC REQUIREMENTS

The fields in this form may be used to check safety, on whether an observer is safe to board the vessel.

1. VESSEL SURVEY DOCUMENTATION CURRENT Fishing Vessels and support vessels operating in the WCPFC must comply with their Flag State regulations and/or the Code of Practice for Safety. Ship surveys including condition, safety and security aspects of hull, machinery and on board safety equipment must be available to be viewed

2. CORRECT SIZE PERSONAL FLOATATION DEVICE AVAILABLE Life Jackets must be approved types and in good serviceable condition, Life Jackets of suitable sizes must be readily accessible for the observer and all crew. Life jackets will not be stored away or locked in cupboards or rooms.

3. APPROVED LIFE -Life rafts must be currently in survey and be adequate to carry the amount of crew - including the observer

4. EPIRBs International Standard 406 MHz EPIRB. The signal frequency (406 MHz) has been designated internationally for use only for distress. Check to see the frequency number and position of these EPIRBs, a few vessels may have the older relatively common type of 121.5/243 MHz emergency beacons, these became obsolete in late 2008

5. DISTRESS SIGNAL AND FLARES. Vessels should have on board appropriate pyrotechnics devices that will suitably operate in both day and night emergency situations

6. FIRE FIGHTING EQUIPMENT Fire fighting must be readily available, be able to work and be currently serviceable. Note that some small vessels may only have fire extinguishers on board.

7. MOUNTED FIRE EXTINGUISHER, Fire extinguishers must be readily available and be of the correct type. Portable extinguishers require periodic maintenance therefore the last inspection date when last tested or refilled should be available. All must be currently serviceable and if possible should be checked to ensure extinguishes have not been fully or partially discharged.

8. MARINE RADIO HF SSB(WORKING ORDER) Marine SSB (Single Side Band) is a means of communications for many fishing vessels. The radio must be capable of transmitting and receiving frequencies used for emergency marine communications as agreed by the International Telecommunication Union (ITU) or by the Flag State of the vessel.

9. NAVIGATION LIGHTS AND VESSEL LIGHTS Vessels must be able to display international standard navigation lights between sunset and sunrise and in conditions of reduced visibility. Internal and external vessel lighting must be fully operational. In the case of power failure, battery operated safety lights must be appropriately placed to ensure a safe exit from the vessel

10. SOUND PRODUCING SIGNALS OR BELLS Vessels must carry a sound producing device (whistle, horn, siren or bell) capable of a prolonged blast or ringing for distress signaling purposes.

11. REGISTRATION DOCUMENTATION IN ORDER Flag State Registration documentation papers must be on board and available to be viewed and must show registration number, boats name, country and port of registration.

12. OTHER WORK RELATED VESSELS Many vessels have auxiliary vessels that can be used in emergency situations. Note these.

13. NAUTICAL CHARTS AND NAVIGATION AIDS Vessel must have a set of appropriate, up to date nautical charts. Check to ensure that the Radar, GPS and any other navigational equipment is in good order and functioning.

14. FIRST AID EQUIPMENT The vessel must have adequate first aid facilities with current "use by dates" on all apparatus, drugs, dressings and other first aid paraphernalia.

15. SANITATION The vessel should have clean, well maintained sanitation and bathing facilities. Depending on the size of the vessel, observers may experience a lack of these facilities on board.

16. PHONE if the vessel has a satellite phone note the number for future reference.

17. EMAIL/FAX If the vessel has Fax or Email system note the numbers for future reference or emergencies.

18. INSURANCE FOR OBSERVERS ON BOARD - Observers must be covered by insurance before making a boarding

19. VESSEL INSURANCE – Check if vessel has insurance

20. ROOM FOR OBSERVER AND CREW TO WORK SAFELY . There must be adequate room on board the deck for the Observer and Crew to work in such a manner, so as to not hinder each other in their respective work duties.

**SPC/FFA REGIONAL OBSERVER
WORKBOOK REFERENCE PAGE**

FORM SUP-2
for longline

REV MAR. 2014

TRIP DETAILS

OBSERVER NAME	TRIP START LOCATION	TRIP START DATE (YY/MM/DD)
VESSEL NAME	TRIP END LOCATION	TRIP END DATE (YY/MM/DD)
OBSERVER TRIP ID NUMBER		

OBSERVER PROGRAMME DETAILS

Name of placement observer programme	
Name of observer's national programme	
Cross-endorsed trips: Programme Name and Trip Id Number	

SPECIAL PROJECTS

Special Projects: Name and Reference Number	
Special Projects: Name and Reference Number	

FORMS MANAGEMENT

FORMS TYPE	NAME OF FORM	How Many ?
SUP-1 (page1)	Observer Placement Meeting Record Form (pg1)	
SUP-1 (page 2)	Observer Placement Meeting Record Form (pg2)	
SUP-2	Workbook Reference Form	
LL-1	Longline General Information	
LL-1 (page2)	Longline General Information (pg2)	
LL-2/3	Longline Set and Haul Information	
LL-4	Longline Catch Monitoring	
GEN-1	Vessel and Aircraft Sightings/ Fish Bunkering & Other Transfers	
GEN-2	Species of Special Interest	
GEN-3	Vessel Trip Report - you must fill in this form!	
GEN-4	Conservation Factors	
GEN-6	Pollution Report	
SUP-3	Trip Reconciliation Form	
SUP-4	Advances and Claims Forms	
TAG	Tag Recovery Forms (single and mutiple tags)	
JOU	Journal (RECORD TOTAL NUMBER OF PAGES)	
RPT	Trip Report Submitted	Yes or No

*** Observers are not required to fill in the shaded areas below***

DEBRIEFING DETAILS

NAME of PRE-DEBRIEFER		NAME OF DEBRIEFER	
DATE of PRE-DEBRIEFING		DATE OF DEBRIEFING	
PLACE of PRE-DEBRIEFING		PLACE OF DEBRIEFING	

WORKBOOK TRANSFER

WAS THIS COPY DEBRIEFED BEFORE TRANSFER?	YES or NO
DATE TRANSFERRED	

**CHANGES TO THE LONGLINE OBSERVER FORMS AGREED AT THE
9TH TUNA FISHERY DATA COLLECTION COMMITTEE (DCC)
MARCH 2014¹**

1. Welcome to the revised (March 2014) edition of the Longline Observer Workbook. Please note the new features of the workbook.
2. Forms that were not coded previously have now been assigned a code (SUP – supplementary) and been revised. These include the Placement Form (SUP-1), the Workbook Reference Page (SUP-2), The Trip Reconciliation Form (SUP-3), and the Advances and Claims Form (SUP-4)
3. The Placement Form has been added to the start of the workbook and printed on colour pages. We encourage all observers to request boarding are done through an official placement meeting and that the WCPFC vessel safety check is carried out.
4. The new Workbook Reference Page allows the observer to record all details of the trip on one form, including any secondary trip or project codes. A form management area has been taken from the trip report and included here. This form must be filled in. However, the observer does not have to fill in the two shaded areas data field areas for debriefing and workbook transfer.
5. A code page is included. For longline observers codes for species of special interest and countries are listed here.
6. The trip report has been removed from the workbook. There is a separate booklet. Remember to fill it in and submit it.
7. Observer journals are now printed as a regional standard blank A4 booklet. Ask your Coordinator for one.

**CHANGES TO THE LONGLINE OBSERVER FORMS AGREED AT THE
9TH TUNA FISHERY DATA COLLECTION COMMITTEE (DCC)
MARCH 2014²**

LL-1 (pg-1) GENERAL INFORMATION

Modified data fields

Observer Programme: Whenever possible, the observer forms use existing data standards like the FAO standard for species codes. Standards issued by the International Standards Organisation (ISO) are also used. Observers deployed by national observer programmes should use the ISO standard for country codes along with the acronym 'OB' to denote observer programme. (Example: SB + OB is SBOB for the Solomon Island Observer Programme)

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date - the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/09/23 - 09:15.)

Advances in Technology: Under the electronics section, the data fields previously labelled 'new' have been re-named as 'advances in technology' to better reflect the information that is being requested. Observers are asked to record any brand new types of electronics that they see in these data fields. They are also asked to record any electronics which have significant technological advances. This data field will often be blank, as brand new types of equipment or significant electronic advances don't happen that often. This data field must not be used to record 'other' types of equipment that are not pre-listed on the form (like old radios for instance). Use the comments field to describe the advances in technology and continue the description into the journal.

VMS system: The data fields for the VMS system were modified with the word 'system' moved outside the data field box and the numbering moved inside the box. There is no change to the information observers need to record.

¹ Observers are strongly encouraged to read the form instructions to better understand what data needs to be recorded. These notes are only to help observers identify the changes that were made to the forms.

MTU: The MTU (mobile transceiver unit) has been removed from the usage data column. Observers are now asked to record the usage for all VMS systems.

Waste disposal system: The 'waste disposal' data field has been edited and it now reads waste disposal system. Observers are asked to describe all aspects of the waste disposal system. A system includes both the equipment and the procedures used to manage waste; most especially any marine species waste. This includes any equipment for compacting or burning general waste. More importantly on longliners it includes any equipment for pulping or breaking down unwanted dead fish (this includes any parts of dead fish or the bait). And any procedures that are were used to dispose of this fish waste. Pay attention to when the fish waste or offal was disposed from the boat i.e. during setting or haul and from what side of the boat it was discharged.

New data fields

UVI: The Unique Vessel Identifier is being introduced by the WCPFC as the preferred vessel identification number. All vessels over 100 GRT fishing in the WCPFC zone (so most purse-seiners) will be required to have this number by 1st Jan 2016. It is likely that observers will see this vessel identification number appearing on vessel paperwork (licensing certificates etc.) before then. The UVI is issued by the International Maritime Organisation (IMO) or through the Lloyd's Register (LR).

Branchline weights Y/ N: Circle Y for yes, to indicate if the vessel has branchline weights at the end of the branchline. Normally the branchline weights will be placed near the hooks. Some examples of branchline weights are shown here. Weighted swivels can also act as branchline weights as long as they are placed near the hook and weigh at least 40g. If you do see branchline weights describe the type of weights in the journal and written report.



Weight of branchline weights: Record in grams the total weight of the average branchline weight. The weight in grams may be written on the side of the weight.

Distance of weight to hook: Record in centimetres the distance of the branchline weight to the hook. Hint – there is a small ruler in the terminal gear guide.

Removed data fields

Seals intact Y / N / N/A: VMS systems have evolved over time. The current models of VMS don't always have a seal, so the DCC decided it was appropriate to remove this data field.

WIN #: The WIN number or WCPFC Identification Number does not always appear on vessel's paperwork. In the future the WCPFC will put more emphasis on using the UVI as the main vessel identification number. For this reason observers are no longer required to record the WIN number. The IRCS (which was in the data field with WIN #) has not been removed.

Other storage (describe): This data field has been removed. If an observer sees a different type of storage system (not included in the list of refrigeration systems) this can be recorded in the journal and the written report.

LL-1 (pg-2) GENERAL INFORMATION

No changes for the LL-1 page 2 form, although the Form indicator was added to the top of the form.

LL-2/3 - SET and HAUL

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/10/23 - 09:15).

New data fields:

Was Offal Discharged during Setting or Hauling?: CMM 12-07 requires longline vessels to apply a number of mitigation measures; one of these is that they manage their discharge of fish offal. Fish offal is any dead fish

or any parts of dead fish that are thrown overboard. This may include fish that were landed onboard, but also fish used as bait. Observers are asked to indicate by circling Y for yes, and N for no if the vessel threw any fish offal overboard at any stage during the setting or hauling. More information on the discharge of any fish offal at any time during the trip should be recorded in the journal and summarised in the trip report at the end.

Removed data fields:

No data fields were removed.

.....
REMINDER!

Unusual Set Details

The DCC noted that observers are not filling in the unusual set details data field correctly. As a reminder here are the correct procedures for filling in the unusual set details data field. Observers should fill in the normal setting specification into the data fields. If the vessels deliberately changes some parts of the setting specifications during the setting observers should continue to record the normal setting specifications into the data fields and explain any of the deliberate changes to the normal specifications in the unusual set details data fields. In the example below the vessels attached 30 hooks into every basket, except for first 10 baskets (at the start of the setting) and the last 10 baskets (at the end of the setting). In this case the longline set specifications would be :

LONGLINE SET SPECIFICATIONS								
No. OF HOOKS PER BASKET	30	LINE SETTING SPEED - m/s	kts ^(circle one)	6	VESSEL SPEED FOR SETTING (kts)			5.5
TOTAL No. OF BASKETS	85	BRANCHLINE SET INTERVAL (s)		5	SHARK LINES on floats (Hook No.99s)			
TOTAL No. OF HOOKS	2250	BETWEEN BRANCHLINES (m)		30	Number.:	0	LENGTH (m):	—
LENGTH OF FLOATLINE (m)	20	LENGTH OF BRANCHLINES (m)		11	WERE TDRs DEPLOYED ?		Y / N	

And the Unusual Set Details would be

UNUSUAL SET DETAILS
For the first 10 baskets and the last 10 baskets there was
only 15 hooks in a basket, but the rest of the baskets had 30 hooks. The total number of hooks was
$(65 \times 30) + (20 \times 15) = 2250$

.....
LL-4 CATCH MONITORING

Modified form

Numbered: Each line on the form was numbered on the left-hand-side to help with data entry. This should not affect observers in anyway.

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/10/23 - 09:15).

Removed data fields:

Blank data field: The blank data field that had been left open for any special project labelling etc. was removed as these types of projects don't happen very often and the space on the form was lost to observers during regular trips. Observers are now asked to record any project numbering / labelling and tag numbers in the comments column.

GEN-1 VESSEL AND AIRCRAFT SIGHTINGS / FISH, BUNKERING and OTHER TRANSFERS LOGS

Modified form

Numbered: Each line on the form was numbered on the left-hand-side to help with data entry. This should not affect observers in anyway.

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/10/23 - 09:15).

Fish Transferred: Fish type / units (amount). Trans-shipment at-sea is illegal, however longline trans-shipments within the EEZ are permitted by a number of countries. The 'fish transferred' data fields were originally designed to capture transfers of fish from fully loaded purse-seiners and were not suitable for fish transferred from longliners. These data fields have now been modified to capture transfers from longliners. The data field header for 'mixed' fish (useful for recording purse-seine catches) has been removed and has been left blank. The blank header can be used to record ALB for longline transfers, or the word 'mixed' can be filled in for any purse-seine or pole-and-line transfers. Additionally, the unit for quantity needs to be circled. Please circle either weight (WGT) normally for purse-seiners or number (NO.) normally for longliners.

New data fields:

There are no new data fields.

Removed data fields:

No data fields were removed.

GEN-2 SPECIES OF SPECIAL INTEREST

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date - the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/9/23 - 09:15).

Species Code and Species Description: These data fields have been moved to the top of the form. Don't miss them!

Describe Interaction/ Treatment / Release:

SPECIES LANDED ON DECK:

The data field that was previously titled "Describe on-board handling" and was placed under the "Species landed on Deck" section has been edited and the type of information required has been extended. The data field now reads 'describe interaction/treatment/release'. If extra space is required the information can be continued into the observer journal.

Describe Interaction and if relevant any treatment and release:

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

The data field that was previously titled "Describe the interaction" - under the section 'interactions with vessel or vessel gear' section has been edited and the type of information required has been extended. The data field now asks observers to 'describe interaction and if relevant any treatment and release'. If extra space is required the information can be continued into the observer journal.

New data fields:

Time of Observer First Sighting: Observers are asked to note the time when they first sighted the species of special interest. This might have been well before any set was made or not until it was landed on deck etc. Record the time you first sighted the SSI. It doesn't matter if a crew member mentions they saw it earlier, the time to record is the time the SSI was first sighted by the observer.

Did the observer sight the SSI before the set?: Observers are asked to note if they sighted the SSI before the set. This gives some indication if the vessel was also able to see the SSI before they made a set. Simply circle one of the options to note if you did see the SSI before the set: (Yes), (No) or (No set) if there was no set.

Removed data fields:

No data fields were removed.

Species Codes: While these are actually data fields observers are informed that the species codes at the end of the forms have been removed to make more space for recording information. These codes can now be found in the workbook on the 'Codes' page.

GEN-3 VESSEL TRIP REPORT

Modified form

Name change: The title of the form was changed from 'Vessel Trip Monitoring Summary' to 'Vessel Trip Report'

Two pages: A second page was added to the form to help extend the information that is immediately available to persons responsible for monitoring vessel infringements and viewing the GEN-3 form. Where previously there was a half-page for comments on the back of the GEN-3 form, this has been removed and there is now a full extra form page.

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date - the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/9/23 - 09:15).

SSIs: The section for SSIs (species of special interest) includes a bracketed sentence to update what marine species are considered to be species of special interest. Since the introduction of CMM 2011-04 and CMM 2013-08 certain shark species (oceanic white tip and the silky shark) are considered to be SSIs, along with whale sharks. The revised sentence in brackets now reads (e.g. Marine mammals, turtles, seabirds or protected sharks).

New data fields:

UVI: The Unique Vessel Identifier is being introduced by the WCPFC as the preferred vessel identification number. All vessels over 100 GRT fishing in the WCPFC zone (so most purse-seiners and some larger longliners) will be required to have this number by 1st Jan 2016. It is likely that observers will see this vessel identification number appearing on vessel paperwork (licensing certificates etc.) before then. The UVI is issued by the International Maritime Organisation (IMO) or through the Lloyd's Register (LR).

Removed data fields:

WIN #: The WIN number or WCPFC Identification Number does not always appear on vessel's paperwork. In the future the WCPFC will put more emphasis on using the UVI as the main vessel identification number. For this reason observers are no longer required to record the WIN number.

GEN-4 CONVERSION FACTORS

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date - the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/9/23 - 09:15).

New data fields:

There are no new data fields.

Removed data fields:

No data fields were removed.

GEN-6 POLLUTION REPORT

Modified data fields

Date format: Wherever possible the DCC forms use existing data standards like the FAO standard for species codes. Standards from the International Standards Organisation (ISO) are also used. The ISO standard for date and time is standard 8601 and it requires that when recording the date - the year is recorded first, followed by the month, the day, and then the time (example the 23rd of September 2015 at quarter past nine in the morning is written as 2015/9/23 - 09:15).

New data fields:

There are no new data fields.

Removed data fields:

No data fields were removed.

SUPPLEMENTARY FORMS

New: The DCC found that a number of forms were not getting the attention they deserved from the DCC Form Committee and were often over-looked during the revision process; as they were not considered to be DCC forms. For that reason some forms were re-labelled as supplementary forms and coded SUP. A new form – the Workbook Reference Page was also developed.

SUP-1 PLACEMENT

This form should be filled in by the Placement Officer and return to the observer programme by the Placement Form.

SUP-2 WORKBOOK REFERENCE PAGE

This is a new form. However, the majority of the data fields have been taken from different areas of the 2009 forms, trip reports etc and compiled here.

Note at the end of this form there is a grey area for debriefing details and workbook transfer. The observer does not need to fill these in.

New data fields

Cross- endorsed trips: Programme Name and Trip Id Number: Fill in a second trip identification number if you trip crosses into a new jurisdiction and the trip is recognised by a new observer programme / regional fishery management organisation (i.e. IATTC).

Special Projects: Name and Reference number: If you are involved in any special sampling project record the name of the project here any reference number you may be issued with.

SUP-3 TRIP RECONCILIATION FORM

Modified data fields

None

New data fields

There are no changes to this form; except for the fact that it has been re-labelled as a supplementary form.

Removed data fields:

The observer expense claims for reimbursement data fields, which were on the back of the Trip Reconciliation form have been removed and placed on the Advance and Claims form.

SUP-4 ADVANCES and CLAIMS FORM*

Note: The fact that there is an advance and claim's form doesn't mean that observers are entitled to advances. Some observer programmes do not authorise advances for their observers, but make different arrangements for their travelling observers. Make sure you understand your deployment authorities' rules and advice on advances.

Modified form

This is a new form; although a lot of the data fields have come from the back of the 2009 Trip Reconciliation Form.

New data fields

Observer Trip ID No: Fill in your normal observer trip identification number here. This will be supplied by the authority placing you on the trip.

Name of observer programme or Fishing Company making advance. As described by the data field record the name of the observer programme or the fishing company that gave you the advance. Do not use any letters as part of the name (e.g. write Kaosaong Fishing Company Limited and not KFCL)

Name of Person providing advance: Write out the full name of the person that provided you with the advance. Use extra lines if required.

Signature (of person making advance): Ask the person giving the advance to sign every time they make and advance.

State TYPE OF ADVANCE (i.e. cash, other): Note if the advance was cash, cheque, bank transfer. If it was another type of payment please specify and make more comments in your journal.

Currency: Record the currency of the advance i.e. US dollars, Australian dollars.

Amount: Record the amount of the advance to two decimal places.

Removed data fields:

No data fields were removed.

OBSERVER PROGRAMME:

SPC/FFA REGIONAL LONGLINE OBSERVER GENERAL INFORMATION

FORM LL-1 (pg1)

REV. MAR. 2014

TRIP DETAILS										
OBSERVER	NAME		TRIP START (SHIP DATE AND TIME)				TRIP START LOCATION			
			YY	MM	DD	hh	mm			
OBSERVER	NATIONALITY	TRIPID No.	TRIP END (SHIP DATE AND TIME)				TRIP END LOCATION			
			YY	MM	DD	hh	mm			
VESSEL NAME			VESSEL DEPARTURE (SHIP DATE)			VESSEL DEPARTURE PORT			CREW NATIONALITY	
			YY	MM	DD				CAPTAIN	FISHING MASTER
VESSEL										
VESSEL OWNER			COUNTRY REGISTRATION NO.			UVI		OTHER CREW: : How many ?		
VESSEL CAPTAIN			ID document	No.		FLAG	IRCS	OTHER CREW: : How many ?		
FISHING MASTER			ID document	No.		FISH HOLD	mT	OTHER CREW: : How many ?		
FISHING PERMIT or LICENSE Nos.					LENGTH	M	GROSS TONNAGE:	mT	OTHER CREW: : How many ?	
					F					

ELECTRONICS										
		GPS	Y / N	USAGE			DEPTH SOUNDER	Y / N	USAGE	
TRACKPLOTTER			Y / N				SST GAUGE	Y / N		
ADVANCES in TECNOLOGY			Y / N	USAGE	MAKE	MODEL	COMMENTS			
SONAR			Y / N							
RADIO BEACON DIRECTION FINDER			Y / N				How many ?			
GPS BUOYS			Y / N							
DOPPLER CURRENT METER			Y / N							
XBT (BATHY THERMOGRAPH)			Y / N							
/MS SYSTEM	VMS-1		Y / N							
	VMS-2		Y / N							
COMMUNICATION SERVICES		PHONES	SATELLITE:	Y / N	Phone #	MOBILE:	Y / N	Phone #		
		OTHER	FACSIMILE:	Y / N	Fax #	EMAIL:	Y / N	Email:		
INFORMATION SERVICES		WEATHER	WEATHER FAX	Y / N	SATELLITE MONITOR	Y / N				
		OTHER	Phytoplankton	Y / N	SST	Y / N	Sea Height	Y / N		

FISHING GEAR					
		MAINLINE HAULER	Y / N	USAGE	
		BRANCHLINE HAULER	Y / N		
		LINE SHOOTER	Y / N		
		AUTOMATIC BAIT THROWER	Y / N		
		AUTOMATIC BRANCHLINE ATTACHER	Y / N		
		WEIGHING SCALES	Y / N		
		OFFAL DISPOSAL MACHINE	Y / N		
ADVANCES in TECNOLOGY			Y / N		
TERMINAL GEAR (see TGID guide)	MAINLINE:		MATERIAL	DIAMETER	LENGTH
				mm	nM
	BRANCHLINE MATERIALS:	1)		mm	WIRE TRACE ?
		2)		mm	YES / NO
		3)		mm	
	BRANCHLINE WEIGHTS?	YES / NO	WEIGHT (g)	DISTANCE of WEIGHT to HOOK (cm)	
HOOKS OFF SET, RINGS, and/or SWIVELS (O, R, S)		JAPAN size %	CIRCLE size %	"J" size %	TERACIMA size %

SAFETY EQUIPMENT										
		LIFEJACKET		PROVIDED FOR OBSERVER:		Y / N / O	No. of LIFE BUOYS / LIFE RINGS			
		AVAILABILITY (circle one)		SUITABLE SIZE:		Y / N				
				Easy	Moderate	Hard				
		EPIRBs	Total	Total with Exp Bat.	LIFE RAFTS		1	2	3	4
		406			No. of PEOPLE					
		other			INSPECTION DATE (D or L-yy/mm/dd)					
REFRIGERATION METHOD										
		BLAST FREEZE		Y / N	USAGE CODES	ALL - used all the time in fishing TRA - used only in transit OF - used often in fishing SIF - used sometimes in fishing RAR - rarely used BRO - broken now but used normally NOL - no longer ever used				
		ICE		Y / N						
		BRINE WELL		Y / N						
		BRINE SPRAY		Y / N						
		CHILLED SEA WATER		Y / N						
		REFRIDGERATED SEA WATER - RSW		Y / N						
						WASTE DISPOSAL SYSTEM Y / N				
						Describe waste disposal system for fish offal (important) and other waste				

GENERAL INFORMATIONObserver programme : -

record the country code if working for a national programme, refer to country codes or the abbreviation if a regional programme (e.g.: USMLT, FSMA, PNA, SPC, ROP, etc.) of the authority / provider that has allocated this trip

REVISED MARCH 2014

A complete fishing trip is defined as 'from one full or partial unloading to the next full or partial unloading'.

If an observer trip is not over a normal complete fishing trip the reasons why must be in the trip report - also see "Partial trips" notes, below.

N.B.: Wherever there is a **Y / N** (yes or no) option for an item, either the **"Y"** or the **"N"** must be circled

TRIP DETAILS

Observer Name and Nationality : Record first name and family name in full (e.g. "John Masa"); and Nationality as in passport

Observer Trip ID Number : Print number issued by the authority sending you on this trip.

(e.g. John H. Masa, on his third trip in 1996 might be issued Trip ID Number: "JHM 96-03").

Trip start (Ship Date and Time) } Print date using "year year/ month month / day day" format.

Trip end (Ship Date and Time) } Print time using 24 hour "hour hour : minute minute" format.

(e.g. Print five past one on the afternoon on 3rd of January, 1996 as "96/01/03 - 13:05").

Observer Trip Start, Trip End, and Vessel Departure Port : Record in all three boxes even if it is the same port.

N.B.: an observer trip starts only once the actual vessel to be observed is boarded and ends when disembarking that vessel.

Partial trips - If boat is met at sea the 'trip start date and time' is the date and time that the transfer between vessels occurs.

The 'trip start location' is "At sea" followed by a position recorded in degrees and minutes only (dd^omm').

If the observer transfers from a host vessel to another vessel to end their trip the 'end of trip date and time' is time of transfer.

The 'end of trip location' is "At sea" followed by a position recorded in degrees and minutes only (dd^omm').

Multiple trips - treat work on 2 (or more) different vessels while at sea as 2 (or more) trips, each with its own forms.

VESSEL

Vessel Name, Vessel Owner, Vessel Captain, Fishing master : Print full names whenever possible.

Country Registration : Number issued by country in which the vessel is registered (e.g. "ME1-808").

WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. The number may appear on certificates before 2016. Generally the UVI is the International Marine Organisation number or the the Lloyd's Register (LR) number. If there is no UVI just make a dash in the data field.

Unique Vessel Identifier

Flag : Name of country in which vessel is registered (e.g. "Belize") even if it comes from another country, such as Korea.

International radio call-sign (IRCS) : Do not confuse with Registration No. Note in report if vessel has no proper IRCS.

Vessel Captain - ID Document / No. : Along with the Captain's and Fishing Master's full names record identification

Fishing Master - ID Document / No. : document types and the document numbers for each of them

The preferred document is a Captain or Master's license but another, such as their passport, will do if that is not possible.

Fishing Permit or Licence Number(s) : If vessel fished under one or more bilateral access agreements, then print the fishing permit number issued by each of the coastal states in whose waters the vessel fished during the trip.

If vessel fished under a multilateral treaty, then print the permit number issued to vessel under the multilateral treaty

If the vessel is registered in the coastal state, then print the fishing licence number issued by the coastal state.

Length : } The place to find vessel's length overall (LOA) and gross tonnage is on registration papers.

Gross tonnage : } Be alert for any signs that suggest there has been a change to length and/or gross tonnage.

} If changes are suspected provide as much extra information as possible in observer trip report

Fish Hold Capacity : (record in metric tonnes (mT)) can usually be found in deck plans and engineer's logs.

Record the total space for all holds that can carry fish regardless of whether they are used to carry fish on this trip

CREW NATIONALITY

Captain, Fishing Master : In the "Crew Nationality" section record only the nationality of the Captain and/or Fishing Master

No need to record their names or identification documents here because they are recorded in the "Vessel" section already

Other Crew - How many ? : Record what other nationalities of crew and how many of each nationality there is.

Do not include the Captain and Fishing Master in these counts.

ELECTRONICS

(circle "Y" or "N" (yes or no) to show if each item is present or not present on board)

* Advances in technology : Empty lines are to record new types of equipment or major upgrades to the current electronics or any types of advances in fishing electronics technology. Don't record old pieces of equipment not listed like radio etc. Write about new equipment in journal and trip report.

Usage : use codes (bottom front of form) to show how much each piece of equipment, for which "Y" is circled, is used

VMS - 1 and VMS - 2 : Record system type (e.g.: InMarSat-C, Iridium, Argos) for each "vessel monitoring system" used.

Also use the usage codes to record when the VMS system was being used.

Communication services : If vessel uses satellite and/or mobile phone and/or fax and/or email address, record contact details.

Fishery Information Services : Vessels may receive real-time information on some oceanographic features.

Circle **Y** or **N** to show if they get information on sea-surface temperature (SST), phytoplankton densities or sea height.

If they are receiving another type of information record that in "Comments" and write about it in your trip report.

If "Y", record the url (website address) below the "Y / N" and write more about the website in your written report.

See the back of LL-1 (page2) for more notes on gear, safety equip., refrigeration, waste disposal system and observations...

**SPC/FFA REGIONAL LONGLINE OBSERVER
GENERAL INFORMATION**

**FORM LL-1
(pg2)**

OBSERVATIONS / COMMENTS / OTHER GEAR / UNUSUAL USE OF GEAR
Write notes here and full descriptions in the daily journal and trip report
(put page references to the full descriptions beside the notes written here)

FISHING GEAR

(circle "Y" or "N" (yes or no) to show if each item is present or not present on board)

Weighing scales : If weighing scales used to weigh retained fish are on-board, circle "Y" (yes)

For help with the rest of this section use the SPC Terminal Gear Identification Guide (TG ID guide)
 Note that the TG ID guide can be used to measure hook size and line diameter

Mainline : Write down the material the mainline was made out of i.e monofilament or tarred rope
 Record the total length of the mainline in nautical miles - ask Captain for this information.
 Get the diameter of the mainline. Use small callipers to measure the width of the mainline.

Terminal gear

Branchline : Record all types of material used in branchline - see TG ID guide
Branchline weights : If any weights have been added to the branchline - normally to weigh the line down and allow it to sink faster, record the information. Record the average weight in grams and then 2) record the Distance of the Weight from the Hook in centimeters.

Wire trace : Indicate if wire trace (wire just before the hook) was used in the branchline.

Hooks : for each type of hook used record the size and the percentage of that hook that is usually used in each set. Show if hooks were **Offset** (O), had **Rings** (R) or **Swivels** (S). Record three letters and/or dashes in each box.

- e.g.: if vessel sets 10-hook baskets with standard size 12.0 circle hooks with rings and swivels on hook numbers 1,2, 9, 10, but with offset "J" hooks (size 10.0) with no rings or swivels on every other line in a basket an observer will record as:

JAPAN		CIRCLE		"J"		TERACIMA	
size	%	size	%	size	%	size	%
—	—	12.0	40	10.0	60	—	—
—	—	—	RS	O	—	—	—

SAFETY EQUIPMENT

(obtain as much information as possible without intruding)

Life jacket:

if the life jacket is the observer's own or was issued by their provider, circle "O".
 if the observer doesn't have their own but the vessel supplies one, circle "Y", or "N" if one is not supplied
 Was it a good size ? - circle Y (yes) or N (no)
 If the life jacket is carried by the observer or if it is allocated by the vessel and is easily available circle "easy"
 if it is allocated by the vessel but it is not so easy to get to circle "moderate"
 and if an allocated life jacket is very difficult to get to circle "hard"

Lifebuoys/life rings - count all to be found

EPIRBS - count all EPIRBS onboard **including** those with expired battery renewal dates.
 - then just count only the EPIRBS with expired battery renewal dates.

Life rafts - No. of People - record the number of people that each life raft is certified to carry
 - Inspection Date - check carefully for inspection stickers/labels or fixed plates with inspection information
 Find out from these inspection certificates when the next inspection is due (or when last was carried out)
 - if label has an inspection **D**ue date record the letter "D" then a dash ("-"), then the date in 'dd/mm/yy' format
 - if a **L**ast inspection date is on the inspection label record the letter "L", then a dash, then the date

(e.g.: for an inspection due on 30th June 2012 record "D-30/06/12";

but if the label only has the date of the last inspection on 31st December 2009, record "L-31/12/09")

If, after a careful check for life-raft inspection labels, dates cannot be found, record "ND" for 'not displayed'.

REFRIGERATION METHOD (circle "Y" or "N" (yes or no) to show if each method is present or not present)

N.B.: There may be more than one refrigeration method so record yes or no for each one.

Other storage : If another refrigeration or other storage method is observed describe it in detail in the trip report.

WASTE DISPOSAL SYSTEM for fish offal (circle "Y" or "N" to indicate if a waste disposal system is present)

Examples include incinerators, crushers, shredders, compacters, balers, meal plants, etc.

On longliners it is important to note if any fish or fish offal are thrown overboard during either setting or hauling. It is also important to note where fish or fish offal are thrown overboard ie the front, aft of vessel and if from the side if this is the same side and the mainline during setting / hauling.

OBSERVATIONS / COMMENTS, OTHER GEAR, UNUSUAL USE OF GEAR

Write about anything special observed about this boat and its equipment or crew compared to other boats observed.
 Comment if equipment is not working, not used or is used in an unusual way and describe fishing gear that is different to equipment observed on other longliners, recording the make, model, special characteristics and usage of this new gear.
 If there is lots to write about (good) write in the observer's daily journal and in the proper place in the trip report then write brief notes here but include page No.s so that others can easily find what is written in the journal and trip report.

OBSERVER PROGRAMME:

SPC/FFA REGIONAL LONGLINE OBSERVER GENERAL INFORMATION

FORM LL-1 (pg1)

REV. MAR. 2014

TRIP DETAILS										
OBSERVER	NAME		TRIP START (SHIP DATE AND TIME)				TRIP START LOCATION			
			YY	MM	DD	hh	mm			
OBSERVER	NATIONALITY	TRIPID No.	TRIP END (SHIP DATE AND TIME)				TRIP END LOCATION			
			YY	MM	DD	hh	mm			
VESSEL NAME			VESSEL DEPARTURE (SHIP DATE)			VESSEL DEPARTURE PORT			CREW NATIONALITY	
			YY	MM	DD				CAPTAIN	FISHING MASTER
VESSEL										
VESSEL OWNER			COUNTRY REGISTRATION NO.			UVI		OTHER CREW: : How many ?		
VESSEL CAPTAIN			ID document	No.		FLAG	IRCS	OTHER CREW: : How many ?		
FISHING MASTER			ID document	No.		FISH HOLD	mT	OTHER CREW: : How many ?		
FISHING PERMIT or LICENSE Nos.					LENGTH	M	GROSS TONNAGE:	mT	OTHER CREW: : How many ?	
					F					

ELECTRONICS										
		GPS	Y / N				DEPTH SOUNDER	Y / N		
TRACKPLOTTER			Y / N				SST GAUGE	Y / N		
ADVANCES in TECNOLOGY			Y / N							
SONAR			Y / N							
RADIO BEACON DIRECTION FINDER			Y / N							How many ?
GPS BUOYS			Y / N							
DOPPLER CURRENT METER			Y / N							
XBT (BATHY THERMOGRAPH)			Y / N							
/MS SYSTEM	VMS-1		Y / N							
	VMS-2		Y / N							
COMMUNICATION SERVICES		PHONES	SATELLITE:	Y / N	Phone #	MOBILE:	Y / N	Phone #		
		OTHER	FACSIMILE:	Y / N	Fax #	EMAIL:	Y / N	Email:		
INFORMATION SERVICES		WEATHER	WEATHER FAX	Y / N	SATELLITE MONITOR	Y / N				
		OTHER	Phytoplankton	Y / N	SST	Y / N	Sea Height	Y / N		

FISHING GEAR				USAGE	
MAINLINE HAULER		Y / N			
BRANCHLINE HAULER		Y / N			
LINE SHOOTER		Y / N			
AUTOMATIC BAIT THROWER		Y / N			
AUTOMATIC BRANCHLINE ATTACHER		Y / N			
WEIGHING SCALES		Y / N			
OFFAL DISPOSAL MACHINE		Y / N			
ADVANCES in TECNOLOGY			Y / N		
TERMINAL GEAR (see TGID guide)	MAINLINE:		MATERIAL	DIAMETER	LENGTH
				mm	nM
	BRANCHLINE MATERIALS:		1)	mm	WIRE TRACE ?
			2)	mm	YES / NO
			3)	mm	
	BRANCHLINE WEIGHTS?		YES / NO	WEIGHT (g)	DISTANCE of WEIGHT to HOOK (cm)
HOOKS		JAPAN size %	CIRCLE size %	"J" size %	TERACIMA size %
OFFSET, RINGS, and/or SWIVELS (O, R, S)					
record each used					

SAFETY EQUIPMENT										
LIFEJACKET		PROVIDED FOR OBSERVER:			Y / N / O	No. of LIFE BUOYS / LIFE RINGS				
AVAILABILITY (circle one)		SUITABLE SIZE:			Y / N					
		Easy			Moderate	Hard				
EPIRBs		Total	Total with Exp Bat.	LIFE RAFTS		1	2	3	4	
406				No. of PEOPLE						
other				INSPECTION DATE (D or L-yy/mm/dd)						
REFRIGERATION METHOD					USAGE CODES					
BLAST FREEZE		Y / N			ALL - used all the time in fishing TRA - used only in transit OF - used often in fishing SIF - used sometimes in fishing RAR - rarely used BRO - broken now but used normally NOL - no longer ever used					
ICE		Y / N								
BRINE WELL		Y / N								
BRINE SPRAY		Y / N								
CHILLED SEA WATER		Y / N								
REFRIDGERATED SEA WATER - RSW		Y / N								
WASTE DISPOSAL SYSTEM					Y / N					
Describe waste disposal system for fish offal (important) and other waste										

GENERAL INFORMATION

Observer programme : -

record the country code if working for a national programme, refer to country codes or the abbreviation if a regional programme (e.g.: USMLT, FSMA, PNA, SPC, ROP, etc.) of the authority / provider that has allocated this trip

REVISED MARCH 2014

A complete fishing trip is defined as 'from one full or partial unloading to the next full or partial unloading'.

If an observer trip is not over a normal complete fishing trip the reasons why must be in the trip report - also see "Partial trips" notes, below.

N.B.: Wherever there is a **Y / N** (yes or no) option for an item, either the **"Y"** or the **"N"** must be circled

TRIP DETAILS

Observer Name and Nationality : Record first name and family name in full (e.g. "John Masa"); and Nationality as in passport

Observer Trip ID Number : Print number issued by the authority sending you on this trip.

(e.g. John H. Masa, on his third trip in 1996 might be issued Trip ID Number: "JHM 96-03").

Trip start (Ship Date and Time) } Print date using "year year/ month month / day day" format.

Trip end (Ship Date and Time): } Print time using 24 hour "hour hour : minute minute" format.

USE SHIP'S TIME

also read N.B. for departure/return port

(e.g. Print five past one on the afternoon on 3rd of January, 1996 as "96/01/03 - 13:05").

Observer Trip Start, Trip End, and Vessel Departure Port : Record in all three boxes even if it is the same port.

N.B.: an observer trip starts only once the actual vessel to be observed is boarded and ends when disembarking that vessel.

Partial trips - If boat is met at sea the 'trip start date and time' is the date and time that the transfer between vessels occurs.

The 'trip start location' is "At sea" followed by a position recorded in degrees and minutes only (dd^omm').

If the observer transfers from a host vessel to another vessel to end their trip the 'end of trip date and time' is time of transfer.

The 'end of trip location' is "At sea" followed by a position recorded in degrees and minutes only (ddOmm').

Multiple trips - treat work on 2 (or more) different vessels while at sea as 2 (or more) trips, each with its own forms.

VESSEL

Vessel Name, Vessel Owner, Vessel Captain, Fishing master : Print full names whenever possible.

Country Registration : Number issued by country in which the vessel is registered (e.g. "ME1-808").

Unique Vessel Identifier : WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. The number may appear on certificates before 2016. Generally the UVI is the International Marine Organisation number or the the Lloyd's Register (LR) number. If there is no UVI just make a dash in the data field.

Flag : Name of country in which vessel is registered (e.g. "Belize") even if it comes from another country, such as Korea.

International radio call-sign (IRCS) : Do not confuse with Registration No. Note in report if vessel has no proper IRCS.

Vessel Captain - ID Document / No. : Along with the Captain's and Fishing Master's full names record identification

Fishing Master - ID Document / No. : document types and the document numbers for each of them

The preferred document is a Captain or Master's license but another, such as their passport, will do if that is not possible.

Fishing Permit or Licence Number(s) : If vessel fished under one or more bilateral access agreements, then print the fishing permit number issued by each of the coastal states in whose waters the vessel fished during the trip.

If vessel fished under a multilateral treaty, then print the permit number issued to vessel under the multilateral treaty

If the vessel is registered in the coastal state, then print the fishing licence number issued by the coastal state.

Length : } The place to find vessel's length overall (LOA) and gross tonnage is on registration papers.

Gross tonnage : } Be alert for any signs that suggest there has been a change to length and/or gross tonnage.

} If changes are suspected provide as much extra information as possible in observer trip report

Fish Hold Capacity : (record in metric tonnes (mT)) can usually be found in deck plans and engineer's logs.

Record the total space for all holds that can carry fish regardless of whether they are used to carry fish on this trip

CREW NATIONALITY

Captain, Fishing Master : In the "Crew Nationality" section record only the nationality of the Captain and/or Fishing Master

No need to record their names or identification documents here because they are recorded in the "Vessel" section already

Other Crew - How many ? : Record what other nationalities of crew and how many of each nationality there is.

Do not include the Captain and Fishing Master in these counts.

ELECTRONICS (circle "Y" or "N" (yes or no) to show if each item is present or not present on board)

* Advances in technology : Empty lines are to record new types of equipment or major upgrades to the current electronics or any types of advances in fishing electronics technology . Don't record old pieces of equipment not listed like radio etc. Write about new equipment in journal and trip report.

Usage : use codes (bottom front of form) to show how much each piece of equipment, for which "Y" is circled, is used

VMS - 1 and VMS - 2 : Record system type (e.g.: InMarSat-C, Iridium, Argos) for each "vessel monitoring system" used.

Also use the usage codes to record when the VMS system was being used.

Communication services : If vessel uses satellite and/or mobile phone and/or fax and/or email address, record contact details.

Fishery Information Services : Vessels may receive real-time information on some oceanographic features.

Circle **Y** or **N** to show if they get information on sea-surface temperature (SST), phytoplankton densities or sea height.

If they are receiving another type of information record that in "Comments" and write about it in your trip report.

If "Y", record the url (website address) below the "Y / N" and write more about the website in your written report.

See the back of LL-1 (page2) for more notes on gear, safety equip., refrigeration, waste disposal system and observations...

**SPC/FFA REGIONAL LONGLINE OBSERVER
GENERAL INFORMATION**

**FORM LL-1
(pg2)**

OBSERVATIONS / COMMENTS / OTHER GEAR / UNUSUAL USE OF GEAR

Write notes here and full descriptions in the daily journal and trip report
(put page references to the full descriptions beside the notes written here)

FISHING GEAR

(circle "Y" or "N" (yes or no) to show if each item is present or not present on board)

Weighing scales : If weighing scales used to weigh retained fish are on-board, circle "Y" (yes)

**For help with the rest of this section use the SPC Terminal Gear Identification Guide (TG ID guide)
Note that the TG ID guide can be used to measure hook size and line diameter**

Terminal gear

Mainline : Write down the material the mainline was made out of i.e monofilament or tarred rope

Record the total length of the mainline in nautical miles - ask Captain for this information.

Get the diameter of the mainline. Use small callipers to measure the width of the mainline.

Branchline : Record all types of material used in branchline - see TG ID guide

Branchline weights : If any weights have been added to the branchline - normally to weigh the line down and allow it to sink faster, record the information. Record the average weight in grams and 2) record the distance of the weight from the hook in centimeters.

Wire trace : Indicate if wire trace (wire just before the hook) was used in the branchline.

Hooks : for each type of hook used record the size and the percentage of that hook that is usually used in each set. Show if hooks were Offset (O), had Rings (R) or Swivels (S). Record three letters and/or dashes in each box.

- e.g.: if vessel sets 10-hook baskets with standard size 12.0 circle hooks with rings and swivels on hook numbers 1,2, 9, 10, but with offset "J" hooks (size 10.0) with no rings or swivels on every other line in a basket an observer will record as:

JAPAN		CIRCLE		"J"		TERACIMA	
size	%	size	%	size	%	size	%
—	—	12.0	40	10.0	60	—	—
—	—	—	R S	O	—	—	—

SAFETY EQUIPMENT (obtain as much information as possible without intruding)

Life jacket : if the life jacket is the observer's own or was issued by their provider, circle "O".
if the observer doesn't have their own but the vessel supplies one, circle "Y", or "N" if one is not supplied
Was it a good size ? - circle Y (yes) or N (no)
If the life jacket is carried by the observer or if it is allocated by the vessel and is easily available circle "easy"
if it is allocated by the vessel but it is not so easy to get to circle "moderate"
and if an allocated life jacket is very difficult to get to circle "hard"

Lifebuoys/life rings - count all to be found

EPIRBS - count all EPIRBS onboard **including** those with expired battery renewal dates.
- then just count only the EPIRBS with expired battery renewal dates.

Life rafts - No. of People - record the number of people that each life raft is certified to carry
- Inspection Date - check carefully for inspection stickers/labels or fixed plates with inspection information
Find out from these inspection certificates when the next inspection is due (or when last was carried out)
- if label has an inspection Due date record the letter "D" then a dash ("-"), then the date in 'dd/mm/yy' format
- if a Last inspection date is on the inspection label record the letter "L", then a dash, then the date
(e.g.: for an inspection due on 30th June 2012 record "D-30/06/12";
but if the label only has the date of the last inspection on 31st December 2009, record "L-31/12/09")
If, after a careful check for life-raft inspection labels, dates cannot be found, record "ND" for 'not displayed'.

REFRIGERATION METHOD (circle "Y" or "N" (yes or no) to show if each method is present or not present)

N.B.: There may be more than one refrigeration method so record yes or no for each one.

Other storage : If another refrigeration or other storage method is observed describe it in detail in the trip report.

WASTE DISPOSAL SYSTEM for fish offal (circle "Y" or "N" to indicate if a waste disposal system is present)

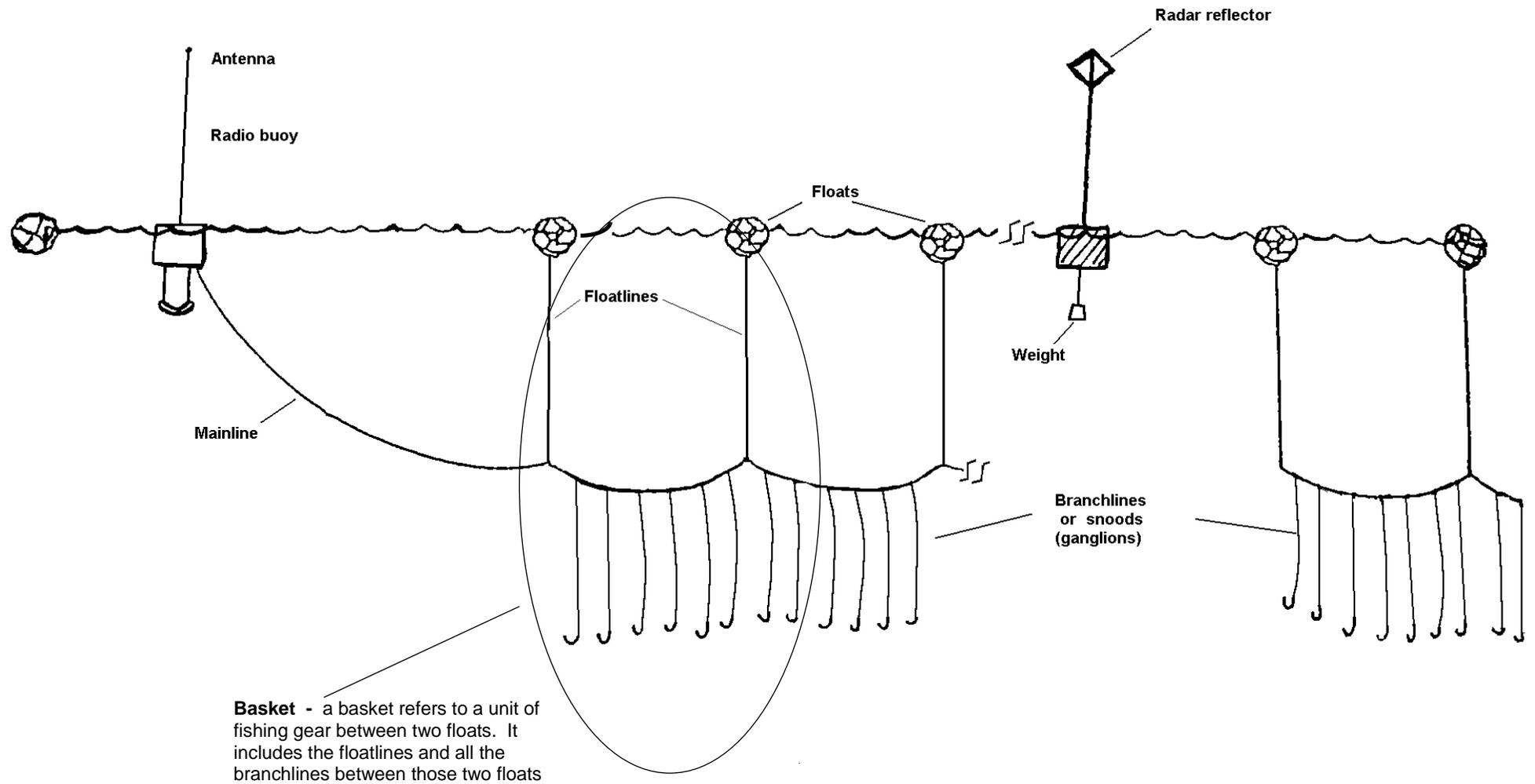
Examples include incinerators, crushers, shredders, compacters, balers, meal plants, etc.

On longliners it is important to note if any fish or fish offal are thrown overboard during either setting or hauling. It is also important to note where fish or fish offal are thrown overboard ie the front, aft of vessel and if from the side if this is the same side and the mainline during setting / hauling.

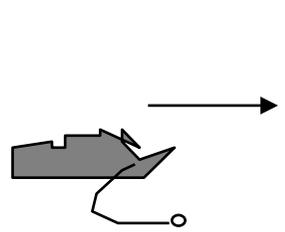
OBSERVATIONS / COMMENTS, OTHER GEAR, UNUSUAL USE OF GEAR

Write about anything special observed about this boat and its equipment or crew compared to other boats observed.
Comment if equipment is not working, not used or is used in an unusual way and describe fishing gear that is different to equipment observed on other longliners, recording the make, model, special characteristics and usage of this new gear.
If there is lots to write about (good) write in the observer's daily journal and in the proper place in the trip report then write brief notes here but include page No.s so that others can easily find what is written in the journal and trip report.

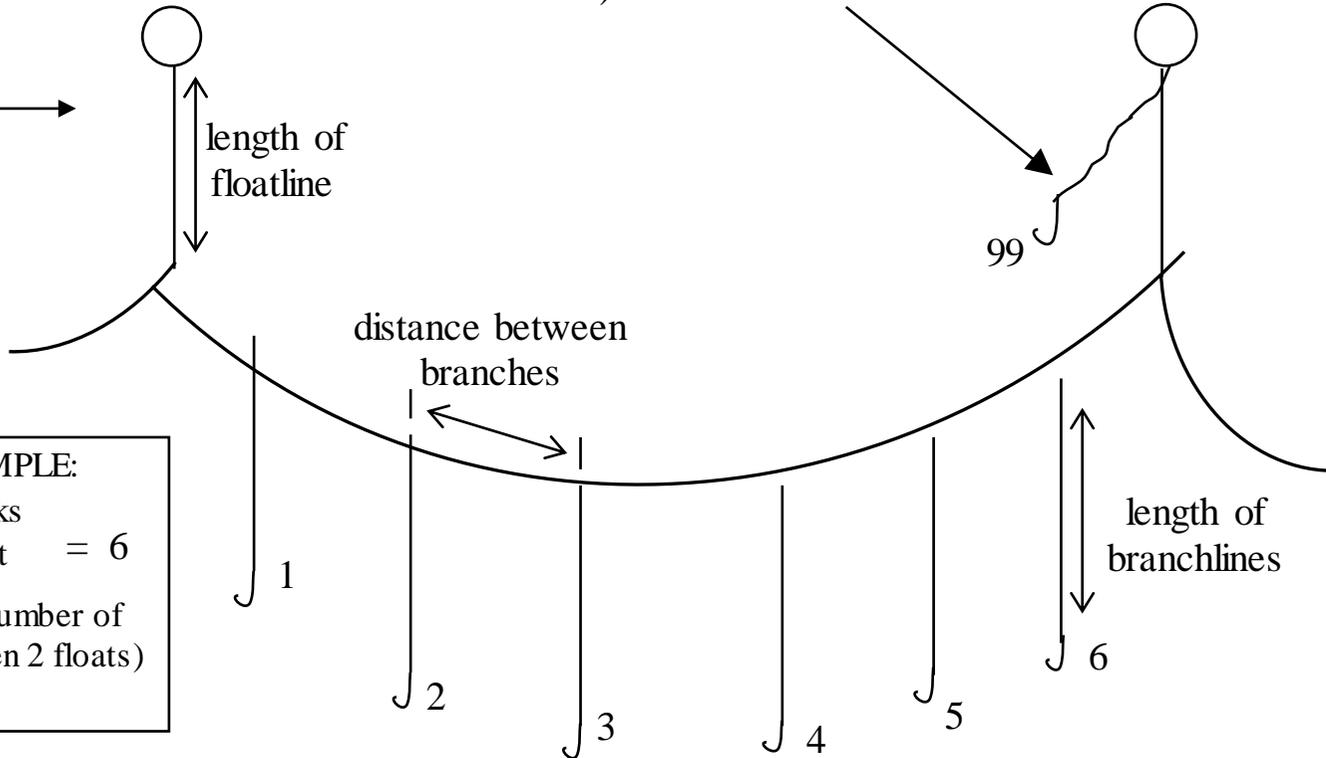
Longline gear configuration



Basket



Shark line (this is attached directly to a float)



EXAMPLE:
No. of hooks
per basket = 6
(this is the number of
hooks between 2 floats)

Use as many Form LL-2/3s per set and haul as necessary (usually one). N.B. (VERY IMPORTANT) - if there is a species target change part way through setting (e.g. completely different branchlines or very different setting depths are used) even if still using the same mainline, then start a new Form LL-2/3 for the different section of the set. (For clear + major changes only !)

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No. of hooks per basket: See the basket diagram in bottom right for example

Total No. of Baskets, Total No. of Hooks: These are the totals for the entire set.
<Total No. of Hooks> = <Total No. of Baskets> × <No. of Hooks per Basket>

Length of Floatlines (m), Length of Branchlines (m): See diagram in wxbook.

Vessel Speed (kts): Watch the GPS or speed log over several seconds to estimate average speed of vessel. Record to one decimal point (e.g. "9.7" knots).

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Between branchlines (m): Distance *between branchlines* may be hand measured (in metres) or calculated by the observer using the formula: *Line Setting Speed* × *Branchline Set Interval*, or if not available, ask fishing master etc for the distance *between branchlines*

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Were TDRs deployed? Y/N: Circle Y (yes) if one or more temperature depth recorders are deployed at any time during the set

Target Species - Cross the box/es next to the main species the vessel is targeting during set. It is usually just one species but it could be more than one. **N.B.** to target a species gear must be set especially to catch that species. Retained bycatch was targeted.

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Vessel Speed (kts): Watch the GPS or speed log over several seconds to estimate average speed of vessel. Record to one decimal point (e.g. "9.7" knots).

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Line Setting Speed - m/s kts (circle one): Record only if the vessel has a line shooter - must **circle** correct "m/s" or "kts". N.B.: (m/sec = kts/2) and (length = sec \times m/sec)

Branchline Set Interval (s): Recorded only from vessels with branchline timers.

Between branchlines (m): Distance *between branchlines* may be hand measured (in metres) or calculated by the observer using the formula: $\text{Line Setting Speed} \times \text{Branchline Set Interval}$, or if not available, ask fishing master etc for the distance *between branchlines*

Shark lines on floats (Hook No.99s): If vessel has special lines tied directly to the floats to catch extra sharks, count the total Number used in the set. What is their usual Length (m)? N.B. Do not count a shark line on a float as one of the "hooks per basket"

Were TDRs deployed ? Y/N: Circle Y (yes) if one or more temperature depth recorders are deployed at any time during the set

Target Species - Cross the box/es next to the main species the vessel is targeting during set. It is usually just one species but it could be more than one. N.B. to target a species gear must be set especially to catch that species. Retained bycatch was targeted.

Start of Set, Ship's date, Ships time, UTC date, UTC time: At the start of each set you must record the time and date that the ship's clock (and your watch) are set to, and the UTC time and date as read from the GPS. At all other times use only Ship's time. Remember UTC date can be different from the Ship's date.

Start and End of Set and Haul: Complete for every single set even if not fully monitored. The observer should read the GPS directly and must explain in "Comments" if they have not. The remaining lines in the Haul Log must be filled at approximately every hour.

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Latitude, Longitude, N, S, E, W: Record GPS positions in degrees, minutes and decimals, to three decimal places. Do not forget to enter north or south and east or west correctly

Bait Used - Species, Kg: Record species and weight (in kg) of each bait used. Bait Used - Hook Nos: Usually, if a boat uses more than one bait species it will put the same bait on the same hook numbers (see diagram) in each basket (e.g.: squid might go on hooks 3 and 4 while sardines go on hooks 1, 2, 5 and 6). Record the hooks for each bait type "hook nos". Blue dyed bait - if bait used has been dyed blue circle "Y" for yes. Otherwise circle "N" for no. No. of Light Sticks Used: If lightsticks were used record the total number used in the set.

Comments: Note significant conditions that affect set strategy or cause problems - unusual wind/sea state; SSI contacts; accidents; any unexpected event. Include events from Soak Time, even if asleep but found out from crew later. Record reasons that observer monitoring stopped for 30 minutes or more. If suitable record ship's time in column next to comments.

Total Baskets Observed and Events on FORM GEN-3 - These fields must be completed.

MITIGATION: TORI POLES: High vertical pole placed at the stern, has trailing line with plastic streamers attached. BIRD CURTAIN: Horizontal pole with vertical streamers positioned on side (+ stern side of the setting station). WEIGHTED LINES: Approx. 60 to 100g of weight placed on branchline 1-3 meters away from hook. SETTING CHUTE: Equipment that ensures the line is set below the waterline. FISH OFFAL DISCHARGE: Indicate if any fish waste (including bait) was thrown overboard at anytime during setting or hauling.

Unusual Set Details: The information recorded in the "Longline Set Specifications" fields represents the most common or average data during setting. If the setting specifications are deliberately or intentionally changed at some point during the setting, then note these changes in the "Unusual Set Details" area. For instance, if the number of hooks between baskets is always 30, and then the Captain deliberately reduces the number to 15 (to get a shallower line), then record 30 in the standard 'no. of hooks per basket' data field and write "Captain reduced no. of hooks per basket to 15 for the last 10 baskets" in the unusual set details area. Do not write general comments about setting in this area.

Use as many Form LL-2/3s per set and haul as necessary (usually one). N.B. (VERY IMPORTANT) - if there is a species target change part way through setting (e.g. completely different branchlines or very different setting depths are used) even if still using the same mainline, then start a new Form LL-2/3 for the different section of the set. (For clear + major changes only !)

Observer Name and Vessel Name: Always print each of these names out in full (e.g. an observer name "John Masa", and a vessel name "Hai Hsiang No. 959")

Observer Trip ID Number: Number issued by the authority you are working for. (e.g. John H. Masa, on his 3rd trip in 1996 may get Trip ID No.: "JHM 96-03").

Set No.: (for observer use only) - start at "Set No. 1", "Set No. 2", etc., all through a trip.

Page of: Number Form LL-2's through trip as Page 1, Page 2, Page 3, etc. At end of trip, check all pages are there (again). Put the last page number on every page (e.g. if 36 pages then the first page will be "Page 1 of 36", the fourth page, "Page 4 of 36" and the last page will be "Page 36 of 36").

No. of hooks per basket: See the basket diagram in bottom right for example

Total No. of Baskets, Total No. of Hooks: These are the totals for the entire set. <Total No. of Hooks> = <Total No. of Baskets> × <No. of Hooks per Basket>

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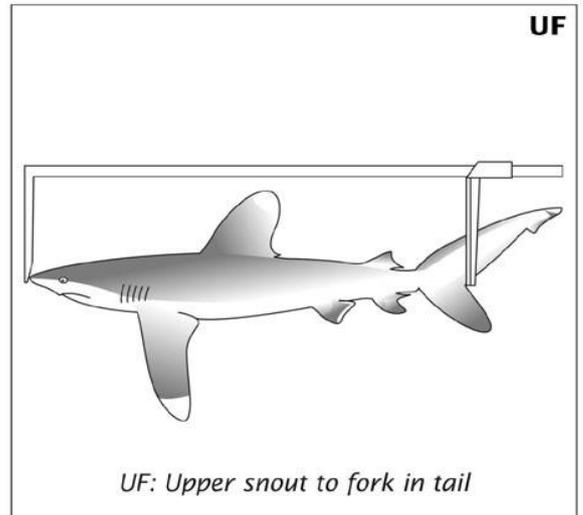
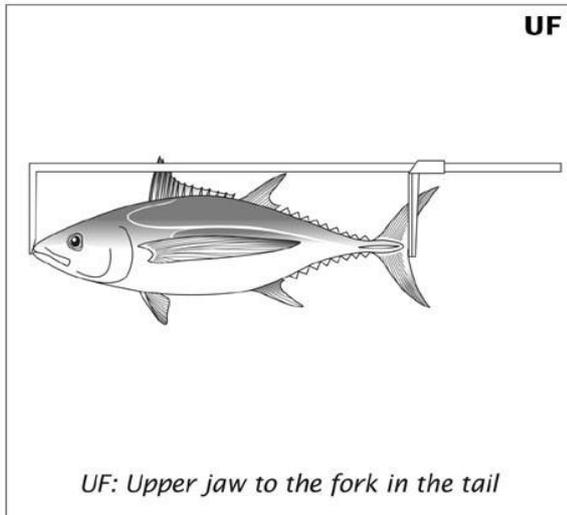
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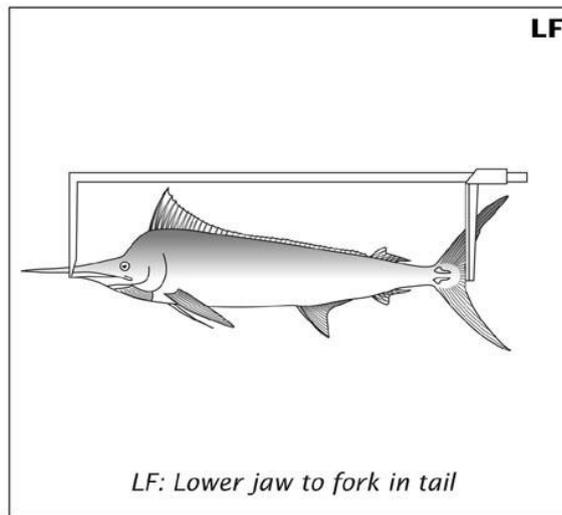


Longline Length Measurements

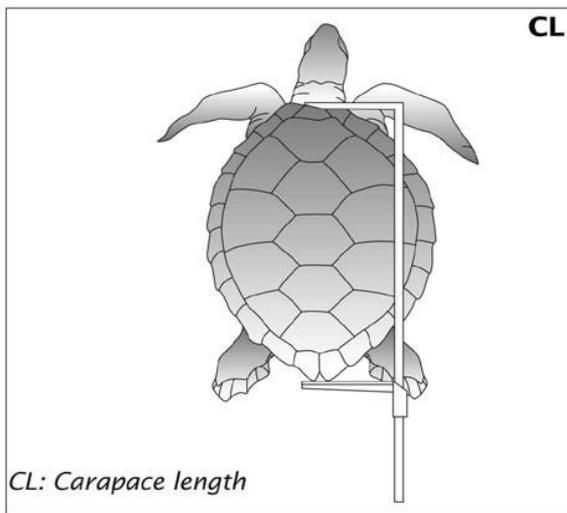
These are the best measurements to do onboard a longline vessel.



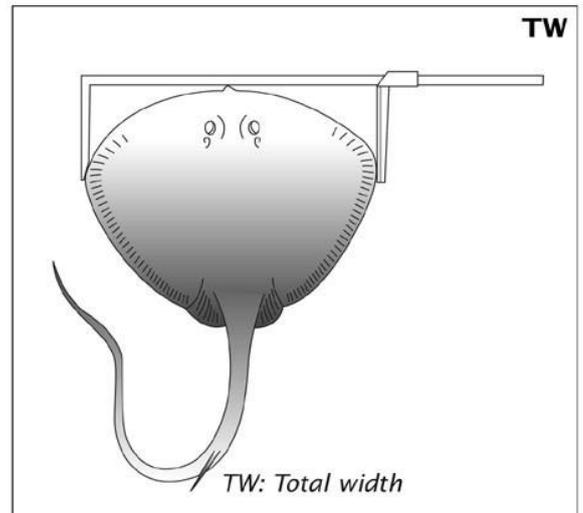
UF – (for all tuna, bycatch and sharks)



LF – (for all billfish)



CL – (for turtles)



TW – (for rays)

Country Codes

AS American Samoa
 AU Australia
 BZ Beilze
 CK Cook Islands
 CA Canada
 EC Ecuador
 SV El Savador
 FM Fed. States of Micronesia
 FJ Fiji Islands
 FR France
 PF French Polynesia
 GU Guam
 ID Indonesia
 IS International Waters
 JP Japan
 TO Kingdom of Tonga
 KI Kiribati
 KR Korea
 LT Lithuania
 CN Mainland China
 MY Malaysia
 BZ Malta
 MH Marshall Islands
 NR Nauru
 NL Netherlands
 NC New Caledonia
 NZ New Zealand
 NU Niue
 MR Northern Mariana
 PW Palau
 PA Panama
 PG Papua New Guinea
 PH Philippines
 RU Russia
 SB Solomon Islands
 TW Chinese Taipei (Taiwan)
 TK Tokelau
 TV Tuvalu
 US United States
 VU Vanuatu
 WF Wallis and Futuna
 WS Samoa

SPECIES OF SPECIAL INTEREST**CODE SPECIES****TTX All Turtles**

TTL Loggerhead Turtle
 LTB Leatherback Turtle
 TUG Green Turtle
 LKV Olive Ridley Turtle
 TTH Hawksbill Turtle
 KEZ Eastern Pacific Green Turtle -
 Black Turtle
 FBT Flatback turtle

MAM All Marine Mammals**ODN Toothed Whales**

FAW False Killer Whale
 SHW Short-Finned Pilot Whale
 SPW Sperm Whale
 KPW Pygmy Killer Whale
 PYW Pygmy Sperm Whale
 DWW Dwarf sperm Whale
 BCW Cuvier's Beaked Whale
 BBW Blainville's Beaked Whale
 MEW Melon Head Whale

DLP All Dolphins

DBO Bottlenose Dolphin
 DCO Common Dolphin
 DRR Risso's Dolphin
 DSI Spinner Dolphin
 DSP Spotted Dolphin
 DST Striped Dolphin
 RTD Rough - toothed Dolphin

MYS Baleen Whales

BLW Blue whale
 FIW Fin whale
 SIW Sei whale
 BRW Bryde's whale
 MIW Minke whale
 HUW Humpback whale

SHARKS

RHN Whale Shark
 OCS Oceanic White tip Shark
 FAL Silky Shark

BIZ All Birds

DKN Black-footed albatross
 DIZ Laysan albatross
 ALZ Albatrosses
 SZV Boobies and Gannets
 PRX Petrels and Shearwaters
 LRD Gulls, Terns and Skuas

SPC/FFA REGIONAL OBSERVER

FORM GEN - 1

VESSEL AND AIRCRAFT SIGHTINGS / FISH, BUNKERING and OTHER TRANSFERS LOGS

REV. MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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VESSEL OR AIRCRAFT SIGHTINGS

	SHIP'S TIME		OBSERVER'S VESSEL POSITION			SIGHTED VESSEL OR AIRCRAFT				COMPASS BEARING (degrees)	DISTANCE (Nautical Miles)	ACTION CODE (seen vess)	PHOTO FRAME #	COMMENTS
	DATE (MMDD)	TIME (hh mm)	LATITUDE (dd° mm.mmm')	N S	LONGITUDE (ddd° mm.mmm')	E W	NAME	INTERNATIONAL CALLSIGN	FLAG					
1														
2														
3														
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FISH TRANSFERRING, FISH DUMPING, BUNKERING by OBSERVER'S VESSEL

	SHIP'S TIME		OBSERVER'S VESSEL POSITION			OTHER VESSEL				FISH TRANSFERRED (circle units)				ACTION CODE (host vess)	COMMENTS
	DATE (MMDD)	TIME (hh mm)	LATITUDE (dd° mm.mmm')	N S	LONGITUDE (ddd° mm.mmm')	E W	NAME	INTERNATIONAL CALLSIGN	FLAG	TYPE CODE	SKJ WGT. NO.	YFT WGT. NO.	BET WGT. NO.		
1															
2															
3															

<p>VESSEL AND AIRCRAFT TYPE CODES</p> <table style="width:100%;"> <tr><td>1 SINGLE PURSE SEINE</td><td>8 SEARCH, ANCHOR OR LIGHT BOAT</td></tr> <tr><td>2 LONGLINE</td><td>9 FISH CARRIER</td></tr> <tr><td>3 POLE AND LINE</td><td>10 TRAWLER</td></tr> <tr><td>4 MOTHERSHIP</td><td></td></tr> <tr><td>5 TROLL</td><td>21 LIGHT AIRCRAFT</td></tr> <tr><td>6 NET BOAT</td><td>22 HELICOPTER</td></tr> <tr><td>7 BUNKER</td><td></td></tr> <tr><td></td><td>31 OTHER - please specify:_____</td></tr> </table>	1 SINGLE PURSE SEINE	8 SEARCH, ANCHOR OR LIGHT BOAT	2 LONGLINE	9 FISH CARRIER	3 POLE AND LINE	10 TRAWLER	4 MOTHERSHIP		5 TROLL	21 LIGHT AIRCRAFT	6 NET BOAT	22 HELICOPTER	7 BUNKER			31 OTHER - please specify:_____	<p>FLAG COUNTRY CODES</p> <p>• IF COUNTRY IS NOT IN LIST WRITE NAME OF COUNTRY</p> <table style="width:100%;"> <tr><td>CN CHINA</td><td>US USA</td><td>BZ BELIZE</td></tr> <tr><td>JP JAPAN</td><td>PH PHILLIPINES</td><td>RU RUSSIA</td></tr> <tr><td>TW TAIWAN</td><td>PA PANAMA</td><td>SG SINGAPORE</td></tr> <tr><td>KR KOREA</td><td>HN HONDURAS</td><td>LK SRILANKA</td></tr> <tr><td></td><td></td><td>VU VANUATU</td></tr> </table>	CN CHINA	US USA	BZ BELIZE	JP JAPAN	PH PHILLIPINES	RU RUSSIA	TW TAIWAN	PA PANAMA	SG SINGAPORE	KR KOREA	HN HONDURAS	LK SRILANKA			VU VANUATU	<p>ACTION CODES</p> <p>• FISHING INCLUDES ANY FISHING RELATED ACTIVITY NOT OTHERWISE COVERED HERE</p> <table style="width:100%;"> <tr> <td>FI FISHING</td> <td>TR TRANSHIPPING FISH</td> <td>TG TRANSHIPPING FISH (from hold in one boat to hold in other)</td> </tr> <tr> <td>PF POSSIBLY FISHING</td> <td>SR SET SHARING</td> <td>SG SET SHARING..... (from one boat's net to another boat's hold)</td> </tr> <tr> <td>NF NOT FISHING</td> <td>BR BUNKERING</td> <td>BG BUNKERING</td> </tr> <tr> <td>DF DUMPING FISH</td> <td>OR OTHER ..specify...</td> <td>OG OTHER ..specify...</td> </tr> </table>	FI FISHING	TR TRANSHIPPING FISH	TG TRANSHIPPING FISH (from hold in one boat to hold in other)	PF POSSIBLY FISHING	SR SET SHARING	SG SET SHARING..... (from one boat's net to another boat's hold)	NF NOT FISHING	BR BUNKERING	BG BUNKERING	DF DUMPING FISH	OR OTHER ..specify...	OG OTHER ..specify...	<p align="center">ALL WEIGHTS MUST BE METRIC TONNES</p>
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Sighting vessels is a very important surveillance role of observers. If vessels are seen that could possibly be fishing illegally, record as much detail as possible. Don't hesitate to contact the "Observer Co-ordinator" at FFA or your local fishery division, by telex, fax or email, immediately you see such activity. Include all information about the vessel and its activities. An example of the format to use when reporting a sighting to FFA is at the bottom of this page. Please follow the format, and add any other comments at the end of the message.

Observer Name	Put first name first and last name last. Print name in full.
Vessel Name	Put vessel's full name. Names <u>must not</u> be abbreviated.
Observer Trip ID	Same on all Forms - issued to observer before leaving port.
Page of	If there is more than one page for the trip, number each page.

SIGHTED VESSEL OR AIRCRAFT

Be as thorough as you possibly can when filling this section of the form. Any small piece of information can assist in identifying the vessel. This is especially important if you can not see the name or call sign. If you can not get some information because it is not visible or impossible to work out, put a dash in the data field.

Date/Time	Ship's date / time at start of sighting or transfer activity (dd/mm/yy hh:mm)
Latitude dd°mm.mmm'	Take positions from the GPS.
Longitude ddd°mm.mmm'	Record in degrees (2 digits for latitude and 3 for longitude), minutes and to 3 decimal place fractions of minutes
N S & E W	It is very important to record if latitude is North or South of the equator by writing "N" or "S" beside the position. Also be sure to note longitude as East or West of the 180° line. These can also be confirmed on the GPS.
Name (of sighted vessel)	If possible name the vessel you sighted. If you can't see the name properly, try to get a few of the letters from the name.
International Call-sign	If possible get any call signs or numbers that are visible.
Flag	Try to find out the flag country - often written on stern.
Type Code	"Vessel and aircraft type codes " are on front of Form. E.g.: purse -seiner = 1; longliner = 2; etc.
Compass bearing (degrees) and Distance (nautical miles)	Check compass and radar for a bearing and an exact distance from the observer's vessel to the other vessel. Estimate the distance if the radar is not available.
Action Code (seen vess)	In this section the "action code" describes the activity the sighted (seen) vessel is involved in when it was observed. If unsure of the best code, describe the activity in "comments".
Photo Frame #	If taking a photo, record the camera's photo frame number.
Comments	Comments about the sighted vessel or aircraft that have not been covered on the form. (E.g., distinguishing features such as colour, hull design or shape, bridge position, etc.). Be as thorough as possible as this will help identify the vessel later, especially if you can not get a name or call-sign.

FISH TRANSFERRING, FISH DUMPING, BUNKERING by OBSERVER'S VESSEL

Other vessel name	Name of any other vessel that is involved in a transfer operation with the observer's vessel.	
International callsign	The call-sign that should be visibly painted on the other vessel	
Type Code	Use the "Vessel and aircraft type codes " on front of this form to describe what type of vessel is receiving the fish.	
FISH TRANSFERRED	SkipJack Weight	Total Weight of Skipjack that has been transferred
	Yellowfin weight	Total Weight of Yellowfin that has been transferred
	Bigeye Weight	Total Weight of Bigeye that has been transferred
	"Blank" Weight	Record the species code for any other type of species that are being transferred.
	Action Code	See codes on front of Form.
Comments	Comment about the transfer activities that take place (e.g.: method used; problems; destination of the fish; etc.)	

CODES

Vessel & Aircraft type codes	To make recording easier, each type of vessel has a unique number code (see code table). Be careful using number codes.
Action Codes (host vess)	Here describes the activity of the observer's vessel. If with another vessel be sure to use a code that shows whether the observer's (host) vessel receives ("_R") or it gives ("_G") items. If more than one action is taking place record the most important (usually to do with fish transfer) in the "ACTION" column and the second action code in the comments column. <i>Host vessel = vessel that observer is on.</i> TR, TG - transferring fish between vessel holds <i>Use the "?R" codes if host vessel is receiving fish or items from another vessel.</i> <i>Use the "?G" codes if the host vessel is giving fish or items to another vessel</i> SR, SG - set sharing - when vessel has too many fish after all wells are filled (usually from its last set) and another vessel is invited to brail the remaining fish from the its net. BR, BG - bunkering - when one vessel takes fuel from another OR, OG - other - if vessels meet to transfer other items DF – dumping fish - because bad, damaged or too many
Flag Country Codes	Try to identify country that vessel comes from either by seeing the actual flag flying or by the home-port name on the stern.

Report Format Example.

To FFA Observer Co-ordinator

sighting - Jun. 23-1400Z- - **Pos.** 0512345S -15612233E *Moon-shadow* -Q2344

flag KR - type 2 - dir. 180 - **dis** 3 **act** fi photo **Xtra** large green stripe on hull.

Regards. "observer name"

This explains that on 23rd June a Korean longline vessel was sighted fishing at the position with latitude: 05°12.345'S and longitude: 156°12.233'E. The name of the vessel is *Moonshadow* and its callsign is Q2344. It has a large green stripe on the hull and a photo has been taken by the observer.

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FISH TRANSFERRING, FISH DUMPING, BUNKERING by OBSERVER'S VESSEL

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	"Blank" Weight	Record the species code for any other type of species that are being transferred.
	Action Code	See codes on front of Form.
Comments	Comment about the transfer activities that take place (e.g.: method used; problems; destination of the fish; etc.)	

CODES

Vessel & Aircraft type codes	To make recording easier, each type of vessel has a unique number code (see code table). Be careful using number codes.
Action Codes (host vess)	Here describes the activity of the observer's vessel. If with another vessel be sure to use a code that shows whether the observer's (host) vessel receives ("_R") or it gives ("_G") items. If more than one action is taking place record the most important (usually to do with fish transfer) in the "ACTION" column and the second action code in the comments column. <i>Host vessel = vessel that observer is on.</i> TR, TG - transferring fish between vessel holds <i>Use the "?R" codes if host vessel is receiving fish or items from another vessel.</i> <i>Use the "?G" codes if the host vessel is giving fish or items to another vessel</i> SR, SG - set sharing - when vessel has too many fish after all wells are filled (usually from its last set) and another vessel is invited to brail the remaining fish from the its net. BR, BG - bunkering - when one vessel takes fuel from another OR, OG - other - if vessels meet to transfer other items DF - dumping fish - because bad, damaged or too many
Flag Country Codes	Try to identify country that vessel comes from either by seeing the actual flag flying or by the home-port name on the stern.

Report Format Example.

To FFA Observer Co-ordinator

sighting - Jun. 23-1400Z- - **Pos.** 0512345S -15612233E *Moon-shadow* -Q2344

flag KR - type 2 - dir. 180 - **dis** 3 **act** fi photo **Xtra** large green stripe on hull.

Regards. "observer name"

This explains that on 23rd June a Korean longline vessel was sighted fishing at the position with latitude: 05°12.345'S and longitude: 156°12.233'E. The name of the vessel is *Moonshadow* and its callsign is Q2344. It has a large green stripe on the hull and a photo has been taken by the observer.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:

SIGHTED ONLY: INTERACTED WITH THE VESSEL'S GEAR ONLY: LANDED ON DECK:

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME				LATITUDE (dd°mm.mmm')	N S	LONGITUDE (ddd°mm.mmm')	E W
DETAILS OF THE FINAL ENCOUNTER <small>(for any landing see PS-2, PL-2, LL-4)</small>		YY	MM	DD	hh	mm			

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION

DESCRIBE INTERACTION /TREATMENT / RELEASE	LENGTH (cm)
	LENGTH CODE
	SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
----------------	------------------	---------------------	--

DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.		

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).
TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juvenilles	If you can see juvenilles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:
SIGHTED ONLY: **INTERACTED WITH THE VESSEL'S GEAR ONLY:** **LANDED ON DECK:**

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE (dd°mm.mmm')	N S	LONGITUDE (ddd°mm.mmm')	E W
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)		YY MM DD hh mm				

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION
DESCRIBE INTERACTION / TREATMENT / RELEASE		LENGTH (cm)
		LENGTH CODE
		SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)

DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>			
	A1 - Alive and healthy.				
	A2 - Alive, but injured or distressed.				
	A3 - Alive, but unlikely to live.				
	A4 - Entangled, okay.			D - Dead	U - Condition unknown.
	A5 - Entangled, injured.			D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.			D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.			D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.			

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F- Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Add any notes (words) that may help further define condition the SSI condition,. For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juvenilles	If you can see juvenilles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:
SIGHTED ONLY: **INTERACTED WITH THE VESSEL'S GEAR ONLY:** **LANDED ON DECK:**

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME				LATITUDE	N S	LONGITUDE	E W
		YY	MM	DD	hh	mm	(dd°mm.mmm')	(ddd°mm.mmm')	
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)									

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:			
CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION	
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION	
DESCRIBE INTERACTION / TREATMENT / RELEASE			LENGTH (cm)
			LENGTH CODE
			SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:											
VESSEL ACTIVITY DURING INTERACTION: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>											
CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION			END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE											

SPECIES SIGHTED					
VESSEL ACTIVITY WHEN SIGHTED: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>					
NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)		
DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED				
m					

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page ___ of ___	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
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	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
	A8 - Hooked, unknown, injured.		D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F- Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS

Record all details about any tags placed or found on the species here.

Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.
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INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. **Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.**

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	Add any notes (words) that may help further define condition the SSI condition,. For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

<i>Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.</i>	
Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juvenilles	If you can see juvenilles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lob tailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:

SIGHTED ONLY: INTERACTED WITH THE VESSEL'S GEAR ONLY: LANDED ON DECK:

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE	N S	LONGITUDE	E W
		YY MM DD hh mm	(dd°mm.mmm')		(ddd°mm.mmm')	
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)						

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION
DESCRIBE INTERACTION / TREATMENT / RELEASE		LENGTH (cm)
		LENGTH CODE
		SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
----------------	------------------	---------------------	--

DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown.
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
	A8 - Hooked, unknown, injured.		D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS

Record all details about any tags placed or found on the species here.

Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.
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INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. **Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.**

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	Add any notes (words) that may help further define condition the SSI condition,. For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

<i>Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.</i>	
Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juveniles	If you can see juveniles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:
SIGHTED ONLY: **INTERACTED WITH THE VESSEL'S GEAR ONLY:** **LANDED ON DECK:**

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE	N S	LONGITUDE	E W
		YY MM DD hh mm	(dd°mm.mmm')		(ddd°mm.mmm')	
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)						

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION

DESCRIBE INTERACTION / TREATMENT / RELEASE	LENGTH (cm)
	LENGTH CODE
	SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
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DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown.
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.		

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. **Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.**

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juveniles	If you can see juveniles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:

SIGHTED ONLY: INTERACTED WITH THE VESSEL'S GEAR ONLY: LANDED ON DECK:

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE (dd°mm.mmm')	N S	LONGITUDE (ddd°mm.mmm')	E W
DETAILS OF THE FINAL ENCOUNTER <small>(for any landing see PS-2, PL-2, LL-4)</small>		YY MM DD hh mm				

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:			
CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION	
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION	
DESCRIBE INTERACTION / TREATMENT / RELEASE			LENGTH (cm)
			LENGTH CODE
			SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:								
VESSEL ACTIVITY DURING INTERACTION: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>								
CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED				
VESSEL ACTIVITY WHEN SIGHTED: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>				
NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)	
DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED			
m				

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.		

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).
TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juveniles	If you can see juveniles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:

SIGHTED ONLY: INTERACTED WITH THE VESSEL'S GEAR ONLY: LANDED ON DECK:

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE (dd°mm.mmm')	N S	LONGITUDE (ddd°mm.mmm')	E W
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)		YY MM DD hh mm				

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION
DESCRIBE INTERACTION / TREATMENT / RELEASE		LENGTH (cm)
		LENGTH CODE
		SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED		
m			

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
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Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.		

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F- Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

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Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.
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SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juvenilles	If you can see juvenilles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:
SIGHTED ONLY: **INTERACTED WITH THE VESSEL'S GEAR ONLY:** **LANDED ON DECK:**

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME				LATITUDE	N S	LONGITUDE	E W
		YY	MM	DD	hh	mm	(dd°mm.mmm')	(ddd°mm.mmm')	
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)									

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:			
CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION	
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION	
DESCRIBE INTERACTION / TREATMENT / RELEASE			LENGTH (cm)
			LENGTH CODE
			SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:											
VESSEL ACTIVITY DURING INTERACTION: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>											
CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION			END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE											

SPECIES SIGHTED				
VESSEL ACTIVITY WHEN SIGHTED: → SETTING <input type="checkbox"/> HAULING <input type="checkbox"/> SEARCHING <input type="checkbox"/> TRANSITING <input type="checkbox"/> OTHER (specify) <input type="checkbox"/>				
NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)	
DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED			
m				

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page ___ of ___	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
	A8 - Hooked, unknown, injured.		D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS

Record all details about any tags placed or found on the species here.

Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.
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INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. **Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.**

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	Add any notes (words) that may help further define condition the SSI condition,. For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

<i>Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.</i>	
Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juvenilles	If you can see juvenilles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lob tailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:

SIGHTED ONLY: INTERACTED WITH THE VESSEL'S GEAR ONLY: LANDED ON DECK:

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE	N S	LONGITUDE	E W
		YY MM DD hh mm	(dd°mm.mmm')		(ddd°mm.mmm')	
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)						

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION
DESCRIBE INTERACTION / TREATMENT / RELEASE		LENGTH (cm)
		LENGTH CODE
		SEX (M-F-I-U)

TAGS	<i>RETRIEVED</i>			<i>PLACED</i>		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	CONDITION END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
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DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you saw a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown.
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
	A8 - Hooked, unknown, injured.		D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS

Record all details about any tags placed or found on the species here.

Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.
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INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. **Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.**

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	Add any notes (words) that may help further define condition the SSI condition,. For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

<i>Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.</i>	
Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juveniles	If you can see juveniles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

**SPC/FFA REGIONAL OBSERVER
SPECIES OF SPECIAL INTEREST**

FORM GEN - 2

REVISED MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NUMBER	PAGE OF
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SPECIES CODE	SPECIES DESCRIPTION
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THE SPECIES WAS: Tick to indicate the final encounter of the species with the vessel:
SIGHTED ONLY: **INTERACTED WITH THE VESSEL'S GEAR ONLY:** **LANDED ON DECK:**

TIME OF FIRST OBSERVER SIGHTING	hh: mm	SHIP'S DATE AND TIME	LATITUDE (dd°mm.mmm')	N S	LONGITUDE (ddd°mm.mmm')	E W
DETAILS OF THE FINAL ENCOUNTER (for any landing see PS-2, PL-2, LL-4)		YY MM DD hh mm				

DID THE OBSERVER SIGHT THE SPECIES OF SPECIAL INTEREST BEFORE THE SET? (circle one) **Yes / No / No Set**

SPECIES LANDED ON DECK:

CONDITION LANDED:	CONDITION CODE	CONDITION DESCRIPTION
CONDITION DISCARDED	CONDITION CODE	CONDITION DESCRIPTION

DESCRIBE INTERACTION / TREATMENT / RELEASE	LENGTH (cm)
	LENGTH CODE
	SEX (M-F-I-U)

TAGS	RETRIEVED			PLACED		
	TAG NUMBER	TYPE	ORGANISATION	TAG NUMBER	TYPE	ORGANISATION

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

VESSEL ACTIVITY DURING INTERACTION: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

CONDITION	START of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION	END of INTERACTION:	No.	Condition Code	CONDITION DESCRIPTION

DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE

SPECIES SIGHTED

VESSEL ACTIVITY WHEN SIGHTED: → SETTING HAULING SEARCHING TRANSITING OTHER (specify)

NUMBER SIGHTED	NUMBER OF ADULTS	NUMBER OF JUVENILES	ESTIMATE THE OVERALL LENGTH(s) (From the head to the tail)
----------------	------------------	---------------------	--

DISTANCE FROM VESSEL	SPECIES BEHAVIOUR WHEN SIGHTED
m	

Observer Name	Print your name in full. First name first, then your family name (e.g "John Masa").
Vessel Name	Print the vessel's name in full. Do not use abbreviations.
Observer Trip ID Number	This is the number issued by your observer programme. It will be the same all trip.
Page of	Number all the GEN-2 forms together, in sequence. Continue until the trip is complete.
Species Code	Use the three-letter FAO species code.
Species Description	Use this field to describe some of the identifying features of the species. This may help us to correctly identify the species. Consider the colour, any distinctive markings, the shape of the head, fins, tail, the position of the blow hole and the place of the fins in relation to other body parts.
Tick to indicate the FINAL encounter	Tick one box only - to indicate the FINAL encounter the species of special interest had with the vessel. For instance, if you a marine mammal that was interacting with the vessel (swimming around the vessel) and it was subsequently landed, tick 'landed on deck'.
Time of first observer sighting	Note the time the observer FIRST noted the species of special interest.
Details of the FINAL encounter (for any landings see PS-2, PL-2 or LL-4)	Note the ship's date and time, and the position at the start of the final encounter. For instance, if the final encounter was an interaction mark the time, date and position of the start of the interaction. Otherwise record the details for when the observer first noted the SSI during the interaction. If the final encounter is landed on deck you must record the start of set ship's time from PS-2, PL-2 or the ship's time landed from
Latitude / Longitude	Note start of set position for species landed on deck. If a species was only sighted or only interacted with gear, note position the vessel was in when species was first seen.
Did the Observer Sight the SSI before the set?	Circle one of the choices. For instance, circle Yes to indicate that the observer saw the SSI before the set was made. This question is most relevant for PS vessels, but should be answered for all gears.

SPECIES LANDED ON DECK:

USE THESE CONDITION CODES	A0 - Alive but unable to describe condition.	<i>Normally use one GEN-2 for every SSI landed, but if many animals are landed in a PS set use the GEN-2 supplement to record condition, length, and sex of up to 30; then use a PS-4 to record lengths if more than 30.</i>		
	A1 - Alive and healthy.			
	A2 - Alive, but injured or distressed.			
	A3 - Alive, but unlikely to live.			
	A4 - Entangled, okay.		D - Dead	U - Condition unknown.
	A5 - Entangled, injured.		D1 - Entangled, dead	U1 - Entangled, unknown condition.
	A6 - Hooked, externally, injured.		D2 - Hooked, externally, dead.	U2 - Hooked, externally, condition unknown.
	A7 - Hooked, internally, injured.		D3 - Hooked, internally, dead.	U3 - Hooked, internally, condition unknown.
A8 - Hooked, unknown, injured.	D4 - Hooked, unknown, dead.	U4 - Hooked, unknown, condition unknown.		

Condition description	Write a description of the condition of the species when landed / discarded. This may help to further assess the condition of the landed / discard species.
Describe the Interaction/ treatment/ release	Make detailed notes on the SSI from the moment it interacted with the boat to the point of its release. Continue the description in the journal and record page no. on the form. Refer to WCPFC RHN handling guidelines.
Length / Length code	Measure the species using an UF measurement for any m.mammals, sharks and a CL measurement for turtles.
Sex (M-F-I-U)	M - male, F - Female, I - Indeterminate (checked, but not clear), U - unknown (not checked).

TAGS	Record all details about any tags placed or found on the species here.
Type of Tags	Record if it was a common dart, an archival (stitched inside body), or a pop-up (stitched to the outside of the body) tag.

INTERACTIONS WITH VESSEL OR VESSEL GEAR:

"Interactions" are when a SSI touches, or is directly affected by the presence of the catcher vessel, its gear, or tender vessel. Examples may include: whales/dolphins inside a purse seine net; dolphins riding vessel bow waves; pilot whales waiting near vessel or net to be fed, SSI's hooked on longlines but not landed. Use one form per species per incident. If there are more than five SSI landed from any one set use the supplementary GEN-2 form.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Condition - No.	Use GEN-2 condition codes , above, to describe how many of a species are in each condition, at start, and again at end, of the interaction with the vessel or vessel gear.
- Code	
- Description	
DESCRIBE INTERACTION and if relevant any TREATMENT / RELEASE	Add any notes (words) that may help further define condition the SSI condition., For instance, if it was an A2 condition you could mention that the SSI was 'Bleeding heavily' to clarify its Make detailed notes on the interaction. If more space is needed use the observer's journal and mark the page number here.

SPECIES SIGHTED:

Sightings' refer to SSIs that, as far as an observer can tell, seem not to be directly affected by the vessel's presence. Usually such 'sightings' are at least 100m away. However, when so close, observe carefully for interaction behaviour.

Vessel's Activity	Tick to indicate the vessel's activity when the interaction was first noted.
Number Sighted	Record the total number of species sighted for this date and time.
Number of Adults	If more than one animal is involved, record the number of adults you can see.
Number of Juveniles	If you can see juveniles with the pod of whales or dolphins record the number here. Otherwise record all animals under "number of adults".
Species Behaviour	Describe the behaviour of the animal in the water. Use own words but some technical terms that may be helpful include: <i>wake riding</i> (swimming close behind boat); <i>bow riding</i> (swimming off the bow of the boat); <i>logging</i> (floating motionless in a group); <i>breaching</i> (launching themselves into the air head first and then falling back into the water with a splash); <i>lobtailing</i> (tail slapping); <i>playing</i> (having fun !); etc.
Distance from Vessel (m)	Estimate the distance the species was from the vessel.

OBSERVER PROGRAMME:

SPC/FFA REGIONAL OBSERVER VESSEL TRIP REPORT

FORM GEN - 3

(pg 1)

REVISED MAR. 2014

Observer NAME		<i>This form must be filled in by the observer for every trip</i>			NATIONALITY OF BOARDING VESSEL IF BOARDED DURING TRIP AT SEA:	
Obs. NATIONALITY	TRIP ID NUMBER	COASTAL STATE LICENCES (IF ANY)				
VESSEL NAME	COUNTRY REG. #	UVI	IRCS	VESSEL FLAG	VESSEL GEAR TYPE	

Did the vessel do any of the following (indicate 'Yes' or 'No' with an 'X' for every item)

		Yes	No	pg No.
Observer rights / social behaviour	RS -a	Did the operator or any crew member assault, obstruct, resist, delay, refuse boarding to, intimidate or interfere with observers in the performance of their duties		
	RS -b	Request that an event not be reported by the observer		
	RS -c	Mistreat other crew		
	RS -d	Did operator fail to provide observer, while onboard, at no expense to observer or the observer's Government, with food, accommodation, access to safety gear and medical facilities of reasonable standard - equivalent to those normally available to an officer onboard the vessel		
Refer to instruction pages for the full wording of all items on this page				
National regulations	NR -a	Fish in areas where the vessel is not permitted to fish		
	NR -b	Target species other than those they are licenced to target		
	NR -c	Use a fishing method other than the method the vessel was designed or licensed		
	NR -d	Not display or present a valid (and current) licence document onboard		
	NR -e	Transfer or transship fish from or to another vessel		
	NR -f	Was involved in bunkering activities		
	NR -g	Fail to stow fishing gear when entering areas where vessel is not authorised to fish		
WCPFC CMMs	WC -a	Fail to comply with any Commission Conservation and Management Measures (CMMs)		
	WC -b	High-grade the catch		
	WC -c	Fish on FAD during FAD Closure		
Logsheet recording - Position Logsheet recording - Catch	LP -a	Inaccurately record vessel position on vessel log sheets for sets, hauling and catch		
	LP -b	Fail to report vessel positions to countries, where required when entering and leaving an EEZ (crossing to or from an EEZ into or out of the High Seas)		
	LC -a	Inaccurately record retained "Target Species" in the Vessel logs [or weekly reports]		
	LC -b	Inaccurately record "Target Species" Discards		
	LC -c	Record target species inaccurately [eg. combine bigeye/yellowfin/skipjack catch]		
	LC -d	Not record bycatch discards		
SSIs	SI -a	Land on deck Species of Special Interest (SSI) (eg. Marine mammals, turtles seabirds or protected sharks)		
	SI -b	Interact (not land) with SSIs		
Pollution	PN -a	Dispose of any metals, plastics, chemicals or old fishing gear		
	PN -b	Discharge any oil		
	PN -c	Lose any fishing gear		
	PN -d	Abandon any fishing gear		
	PN -e	Fail to report any abandoned gear		
Sea safety	SS -a	Fail to monitor international safety frequencies		
	SS -b	Carry out-of-date safety equipment		

If unsure that a violation has been committed but suspect a vessel has violated its license agreement place an 'X' in the 'YES' box. Then write a full account of the incident, including all evidence that aroused suspicion.

OBSERVER PROGRAMME	The observer programme/provider you are contracted to (employed by) for this trip.
OBSERVER NAME	As written in your passport. Observer must print first name first and last name (family name) last.
OBSERVER NATIONALITY	YOUR nationality as per the passport you are using.
OBSERVER TRIP ID No.	Observer trip identification number. Same number for all forms and issued before leaving port.
COASTAL STATE LICENCE (if any)	List the licence number(s) of any current licence issued by a Coastal States (i.e. countries where the vessel is licensed to fish).
NATIONALITY OF BOARING VESSEL IF BOARDED AT SEA	If host vessel is boarded by authorities and inspected at sea, what was nationality of the authority?
VESSEL NAME	Full vessel name, as written on licence documentation - not abbreviated. Include all numbers.
COUNTRY REGISTRATION #	The country registration number that was issued by the country where the vessel is registered. WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. The number may appear on certificates before 2016. Generally the UVI is the International Marine Organisation number or may be the the Lloyd's Register (LR) no.
UNIQUE VESSEL IDENTIFIER	International Radio Call Sign is issued by the flag state, normally painted on the side of the boat and a mix of letters and numbers. The IRCS should be the main number on the hull or side of the vessel. Confirm this before recording it. It may also be found on the vessel's licence.
INTERNATIONAL RADIO CALL SIGN (IRCS)	
VESSEL FLAG	Record the flag of the vessel. This is the same as the country the vessel is registered in.
VESSEL GEAR TYPE	The fishing method vessel is licensed to use (i.e. purse seine, longline, pole-and-line)

If unsure that a violation has been committed but suspect a vessel has violated its license agreement, place an 'X' in the 'Yes' box. Then write a full account of the incident, including all evidence that aroused suspicion.

During the trip did the Master or crew of the vessel attempt or do any of the following:

Observer rights / social behaviour	RS-a	Did the operator or any crew member assault, obstruct, resist, delay, refuse boarding to, intimidate or interfere with observers in the performance of their duties Were you prevented, blocked, intimidated, harassed or threatened by any of the crew or operator while onboard? Did any crew member attempt to bias your work through a gift or bribe?
	RS-b	Request that an event not be reported by the observer Did any crew member or operator ask you not to record, report photograph or video an event?
	RS-c	Mistreat other crew Were there any clear systematic or prejudiced bullying or mistreatment of any crew?
	RS-d	Did the operator fail to provide the observer, while on board the vessel, at no expense to the observer or the observers Government, with food, accommodation [access to safety gear] and medical facilities of a reasonable standard equivalent to those normally available to an officer on board the vessel Do you think you were purposely given poor accommodation, food, no access to safety gear or medical treatment?
National/regulations	NR-a	Fish in areas where the vessel is not permitted to fish Be aware of areas within EEZs that a vessel is not allowed to fish. These include closed 'high seas pockets for purse-seiners', internal waters, territorial seas (12 miles from a land and archipelagic waters baseline) that are off limits to most gear types (however some exceptions do occur).
	NR-b	Target species other than those they are licensed to target The target species is mentioned on the vessel's fishing permit. Usually "Tuna" will be the target species. Most common species targeted illegally are sharks or reef species targeted with handlines.
	NR-c	Use a fishing method other than the method the vessel was designed or licensed The licensed fishing method is on the vessel's fishing permit. Note if a fishing method other than that on the permit is used. Common violations are hand lining near reefs and purse seiners setting lines at night to catch sharks. Fully describe the type of gear used and what species, if any, were caught.
	NR-d	Not display or present a valid (and current) licence document onboard A valid original licence document should be in the wheelhouse on display. Regulations usually require an official licence document to be kept onboard ready for inspection on request by suitable people, including observers. Record 'YES' if: no document; a copy or faxed document; an outdated document; or a cover letter shown. Report which type and
	NR-e	Transfer or tranship fish from or to another vessel. Transshipping of fish by purse seiners can only occur in designated ports. Indicate if host vessel transhipped fish or any fish products (e.g. shark fins) at sea. Note: group seine operations in PNG may tranship at sea in their zone
	NR-f	Was involved in bunkering activities Bunkering is transfer of fuel between vessels. Generally a bunker vessel is a specialised fuel carrier. Some countries ban bunkering except at port, while others require notification prior to bunkering.
	NR-g	Fail to stow fishing gear when entering areas where vessel is not authorised to fish Fishing gear should be stowed when entering waters of areas where vessels are not authorised to fish E.g.: net covered, boom lowered on purse seiners; floats stored and covered and snoods stored on longliners
WCPFC CMMs	WC-a	Fail to comply with any Commission Conservation and Management measures (CMMs) Has any WCPFC regional regulation (CMM) been breached?
	WC-b	High grade the catch Did the vessel discard target species already on board to make room for better quality, larger size or for a more marketable target species
	WC-c	Incorrectly dispose of fish offal Did vessel retrieve, service, set or fish on any floating object or group of objects, of any size, that was or was not deployed, living or non-living, including (but not only) buoys, floats, netting, webbing, plastics, bamboo, logs or whale sharks, floating on or near the surface of the water that fish may associate with? Was vessel used to aggregate fish or to move aggregated fish, including using underwater lights or chumming.

VESSEL TRIP REPORT

Form GEN-3 (pg2) Notes

Logsheets recording - Position	<p>LP-a Inaccurately record vessel position on vessel log sheets for sets, hauling and catch The vessel logsheet should be filled out by the Captain or a designated officer, daily, or after each set. The observer has the right to ask to see this log (inspect this log at least once a day). If there are significant discrepancies (>3nm) of reported set positions between the vessel log and the observer forms the details should be written into the observer report.</p>
	<p>LP-b Fail to report vessel positions to countries, where required when entering and leaving an EEZ (crossing to or from an EEZ into or out of the High Seas) Zone Entry and Zone Exit as well as Port Entry and Port Exit notifications are regulated by countries. Most countries also have mandatory Wednesday reporting of position when fishing in their EEZs.</p>
Logsheets Recording – Catch	<p>LC-a Inaccurately record retained "Target Species" in the Vessel logs or weekly reports Is the vessel under reporting, over reporting or not reporting any of the observed sets for any reason ? It is critical that observers do their own accurate estimate of catch. Compare vessel logged catches with your estimates to ensure all sets are recorded and the catch has been logged correctly every day.</p>
	<p>LC-b Inaccurately record "Target Species" Discards Report any attempt to not report commercial species that have been rejected because they are damaged, too small or are considered to be undesirable for other reasons. Note in your report if discards were reported by vessel.</p>
	<p>LC-c Record target species inaccurately On purse seiners BET are commonly recorded as YFT; and both BET and YFT are sometimes recorded as SKJ. Mixed small BET and YFT are often recorded as just YFT, simply because they fetch the same cannery price.</p>
	<p>LC-d Not record bycatch discards Report any attempt to not report any fish, shark, reptile or mammal species - retained or discarded.</p>
	<p>LC-e Inaccurately record retained bycatch species Report if vessel wrongly reports retained bycatch species.</p>
	<p>LC-f Inaccurately record discarded bycatch species Report if vessel wrongly reports discarded bycatch species.</p>

SSIs	<p>SI-a Land on deck Species of Special Interest (SSIs) Did the vessel land on deck at any time (either deliberately or accidentally) during the trip any SSIs. SSIs are: all turtles; all marine mammals – dolphins, whales, seals, dugongs, etc; birds; oceanic whitetip sharks and silky sharks and whale sharks. All landings should also be fully recorded on the catch details forms (PS-3, PL-3, LL-4). More complete data and description must be in GEN-2 forms, the observer's journal and written report It is important to note the vessel's general attitude to such animals in reports.</p>
	<p>SI-b Interact (not land) with SSIs (e.g. Marine mammals, turtle or whale sharks) Did any SSIs interact with any part of the vessel, its gear, or its support boats, etc., during the trip ? More information on interactions must be recorded on GEN-2 forms, observer journal and written report.</p>

Pollution <small>(see MARPOL explanation on GEN-6)</small>	<p>PN-a Dispose of any metals, plastics, chemicals or old fishing gear Was there any deliberate throwing over of: metals or plastics (from kitchen or elsewhere on boat); or parts of the fishing gear (netting, nylon line, etc.); from the vessel into the ocean at any time ? Was any unprocessed perishable garbage discharged within 12 nautical miles of land or a reef ?</p>
	<p>PN-b Discharge any oil Was any fuel oil spilled or dumped within 50 nautical miles of shore ?</p>
	<p>PN-c Lose any fishing gear Was any fishing gear lost during this trip ?</p>
	<p>PN-d Abandon any fishing gear Was any fishing gear dumped or abandoned by the observer's host vessel ?</p>
	<p>PN-e Fail to report any abandoned gear Did vessel not report any lost fishing gear (IF REQUIRED by the country in which waters it is fishing) ?</p>

Sea safety	<p>SS-a Fail to monitor international Safety frequencies Does the vessel keep its radio tuned into and turned onto the international distress, safety and calling frequencies when it is not communicating ? <u>Frequencies are:</u> VHF marine radio for medium to long range voice communications - 2182 kHz VHF marine radio for short range voice communications - Channel 16</p>
	<p>SS-b Carry out-of-date safety equipment Was any of the safety equipment (lifeboats, EPIRBs, etc.) out of survey date or in a bad condition ?</p>

OBSERVER PROGRAMME:

SPC/FFA REGIONAL OBSERVER VESSEL TRIP REPORT

FORM GEN - 3

(pg 1)

REVISED MAR. 2014

Observer NAME		<i>This form must be filled in by the observer for every trip</i>			NATIONALITY OF BOARDING VESSEL IF BOARDED DURING TRIP AT SEA:	
Obs. NATIONALITY	TRIP ID NUMBER	COASTAL STATE LICENCES (IF ANY)				
VESSEL NAME		COUNTRY REG. #	UVI	IRCS	VESSEL FLAG	VESSEL GEAR TYPE

Did the vessel do any of the following (indicate 'Yes' or 'No' with an 'X' for every item)

		Yes	No	pg No.
Observer rights / social behaviour	RS -a Did the operator or any crew member assault, obstruct, resist, delay, refuse boarding to, intimidate or interfere with observers in the performance of their duties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RS -b Request that an event not be reported by the observer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RS -c Mistreat other crew	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RS -d Did operator fail to provide observer, while onboard, at no expense to observer or the observer's Government, with food, accommodation, access to safety gear and medical facilities of reasonable standard - equivalent to those normally available to an officer onboard the vessel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refer to instruction pages for the full wording of all items on this page				
National regulations	NR -a Fish in areas where the vessel is not permitted to fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -b Target species other than those they are licenced to target	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -c Use a fishing method other than the method the vessel was designed or licensed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -d Not display or present a valid (and current) licence document onboard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -e Transfer or transship fish from or to another vessel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -f Was involved in bunkering activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NR -g Fail to stow fishing gear when entering areas where vessel is not authorised to fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WCPFC CMMS	WC -a Fail to comply with any Commission Conservation and Management Measures (CMMS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WC -b High-grade the catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	WC -c Fish on FAD during FAD Closure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Position recording - Catch	LP -a Inaccurately record vessel position on vessel log sheets for sets, hauling and catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LP -b Fail to report vessel positions to countries, where required when entering and leaving an EEZ (crossing to or from an EEZ into or out of the High Seas)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logsheet recording - Position recording - Catch	LC -a Inaccurately record retained "Target Species" in the Vessel logs [or weekly reports]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LC -b Inaccurately record "Target Species" Discards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LC -c Record target species inaccurately [eg. combine bigeye/yellowfin/skipjack catch]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LC -d Not record bycatch discards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LC -e Inaccurately record retained bycatch Species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LC -f Inaccurately record discarded bycatch species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SSIs	SI -a Land on deck Species of Special Interest (SSI) (eg. Marine mammals, turtles seabirds or protected sharks)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SI -b Interact (not land) with SSIs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pollution	PN -a Dispose of any metals, plastics, chemicals or old fishing gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PN -b Discharge any oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PN -c Lose any fishing gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PN -d Abandon any fishing gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PN -e Fail to report any abandoned gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sea safety	SS -a Fail to monitor international safety frequencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SS -b Carry out-of-date safety equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If unsure that a violation has been committed but suspect a vessel has violated its license agreement place an 'X' in the 'YES' box. Then write a full account of the incident, including a all evidence that aroused suspicion.

- OBSERVER PROGRAMME** The observer programme/provider you are contracted to (employed by) for this trip.
- OBSERVER NAME** Tas written in your passport. Observer must print first name first and last name (family name) last.
- OBSERVER NATIONALITY** YOUR nationality as per the passport you are using.
- OBSERVER TRIP ID No.** Observer trip identification number. Same number for all forms and issued before leaving port.
- COASTAL STATE LICENCE (if any)** List the licence number(s) of any current licence issued by a Coastal States (i.e countries w here the vessel is licensed to fish).
- NATIONALITY OF BOARDING VESSEL IF BOARDED AT SEA** If host vessel is boarded by authorities and inspected at sea, what was nationality of the authority?
- VESSEL NAME** Full vessel name, as written on licence documentation - not abbreviated. Include all numbers.
- COUNTRY REGISTRATION #** The country registration number that was issued by the country where the vessel is registered. WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. The number may appear on certificates before 2016. Generally the UVI is the International Marine Organisation number or may be the the Lloyd's Register (LR) no.
- UNIQUE VESSEL IDENTIFIER** International Radio Call Sign is issued by the flage state, normally painted on the side of the boat and a mix of letters and numbers. The IRCS should be the main number on the hull or side of the vessel. Confirm this before recording it. It may also be found on the vessel's licence.
- INTERNATIONAL RADIO CALL SIGN (IRCS)**
- VESSEL FLAG** Record the flag of the vessel. This is the same as the country the vessel is registered in.
- VESSEL GEAR TYPE** The fishing method vessel is licensed to use (i.e purse seine, longline, pole-and-line)

If unsure that a violation has been committed but suspect a vessel has violated its license agreement, place an 'X' in the 'Yes' box. Then write a full account of the incident, including all evidence that aroused suspicion.

During the trip did the Master or crew of the vessel attempt or do any of the following:

Observer rights / social behaviour	RS-a Did the operator or any crew member assault, obstruct, resist, delay, refuse boarding to, intimidate or interfere with observers in the performance of their duties Were you prevented, blocked, intimidated, harassed or threatened by any of the crew or operator while onboard ? Did any crew member attempt to bias your work through a gift or bribe ?
	RS-b Request that an event not be reported by the observer Did any crew member or operator ask you not to record, report photograph or video an event?
	RS-c Mistreat other crew Were there any clear systematic or prejudiced bullying or mistreatment of any crew ?
	RS-d Did the operator fail to provide the observer , while on board the vessel, at no expense to the observer or the observers Government, with food, accommodation [access to safety gear] and medical facilities of a reasonable standard equivalent to those normally available to an officer on board the vessel Do you think you were purposely given poor accommodation, food, no access to safety gear or medical treatment?
National regulations	NR-a Fish in areas where the vessel is not permitted to fish Be aware of areas within EEZs that a vessel is not allowed to fish. These include closed 'high seas pockets for purse-seiners', internal waters, territorial seas (12 miles from a land and archipelagic waters baseline) that are off limits to most gear types (however some exceptions do occur).
	NR-b Target species other than those they are licensed to target The target species is mentioned on the vessel's fishing permit. Usually "Tuna" will be the target species. Most common species targeted illegally are sharks or reef species targeted with handlines.
	NR-c Use a fishing method other than the method the vessel was designed or licensed The licensed fishing method is on the vessel's fishing permit. Note if a fishing method other than that on the permit is used. Common violations are hand lining near reefs and purse seiners setting lines at night to catch sharks. Fully describe the type of gear used and what species, if any, were caught.
	NR-d Not display or present a valid (and current) licence document onboard A valid original licence document should be in the wheelhouse on display. Regulations usually require an official license document to be kept onboard ready for inspection on request by suitable people, including observers. Record 'YES' if: no document; a copy or faxed document; an outdated document; or a cover letter shown. Report which type and
	NR-e Transfer or tranship fish from or to another vessel. Transhipping of fish by purse seiners can only occur in designated ports. Indicate if host vessel transhipped fish or any fish products (e.g. shark fins) at sea. Note: group seine operations in PNG may tranship at sea in their zone
	NR-f Was involved in bunkering activities Bunkering is transfer of fuel between vessels. Generally a bunker vessel is a specialised fuel carrier. Some countries ban bunkering except at port, while others require notification prior to bunkering.
	NR-g Fail to stow fishing gear when entering areas where vessel is not authorised to fish Fishing gear should be stowed when entering waters of areas where vessels are not authorised to fish E.g.: net covered, boom lowered on purse seiners; floats stored and covered and snoods stored on longliners
WCPFC CMMs	WC-a Fail to comply with any Commission Conservation and Management measures (CMMs) Has any WCPFC regional regulation (CMM) been breached ?
	WC-b High grade the catch Did the vessel discard target species already on board to make room for better quality, larger size or for a more marketable target species
	WC-c Incorrectly dispose of fish offal Did vessel retrieve, service, set or fish on any floating object or group of objects, of any size, that was or was not deployed, living or non-living, including (but not only) buoys, floats, netting, webbing, plastics, bamboo, logs or whale sharks, floating on or near the surface of the water that fish may associate with ? Was vessel used to aggregate fish or to move aggregated fish, including using underwater lights or chumming.

VESSEL TRIP REPORT

Form GEN-3 (pg2) Notes

Logsheet recording - Position	<p>Inaccurately record vessel position on vessel log sheets for sets, hauling and catch The vessel logsheet should be filled out by the Captain or a designated officer, daily, or after each set. LP-a The observer has the right to ask to see this log (inspect this log at least once a day). If there are significant discrepancies (>3nm) of reported set positions between the vessel log and the observer forms the details should be written into the observer report.</p>
	<p>Fail to report vessel positions to countries, where required when entering and leaving an EEZ (crossing to or from an EEZ into or out of the High Seas) LP-b Zone Entry and Zone Exit as well as Port Entry and Port Exit notifications are regulated by countries. Most countries also have mandatory Wednesday reporting of position when fishing in their EEZs.</p>
	<p>Inaccurately record retained "Target Species" in the Vessel logs or weekly reports Is the vessel under reporting, over reporting or not reporting any of the observed sets for any reason ? LC-a It is critical that observers do their own accurate estimate of catch. Compare vessel logged catches with your estimates to ensure all sets are recorded and the catch has been logged correctly every day.</p>
	<p>Inaccurately record "Target Species" Discards LC-b Report any attempt to not report commercial species that have been rejected because they are damaged, too small or are considered to be undesirable for other reasons. Note in your report if discards were reported by vessel.</p>
	<p>Record target species inaccurately LC-c On purse seiners BET are commonly recorded as YFT; and both BET and YFT are sometimes recorded as SKJ. Mixed small BET and YFT are often recorded as just YFT, simply because they fetch the same cannery price.</p>
	<p>Not record bycatch discards LC-d Report any attempt to not report any fish, shark, reptile or mammal species - retained or discarded.</p>
	<p>Inaccurately record retained bycatch species LC-e Report if vessel wrongly reports retained bycatch species.</p>
	<p>Inaccurately record discarded bycatch species LC-f Report if vessel wrongly reports discarded bycatch species.</p>

SSIs	<p>Land on deck Species of Special Interest (SSIs) Did the vessel land on deck at any time (either deliberately or accidentally) during the trip any SSIs. SSIs are: all turtles; all marine mammals – dolphins, whales, seals, dugongs, etc; birds; oceanic whitetip sharks and silky sharks and whale sharks. SI-a All landings should also be fully recorded on the catch details forms (PS-3, PL-3, LL-4). More complete data and description must be in GEN-2 forms, the observer's journal and written report It is important to note the vessel's general attitude to such animals in reports.</p>
	<p>Interact (not land) with SSIs (e.g. Marine mammals, turtle or whale sharks) SI-b Did any SSIs interact with any part of the vessel, its gear, or its support boats, etc., during the trip ? More information on interactions must be recorded on GEN-2 forms, observer journal and written report.</p>

Pollution <small>(see MARPOL explanation on GEN-6)</small>	<p>Dispose of any metals, plastics, chemicals or old fishing gear PN-a Was there any deliberate throwing over of: metals or plastics (from kitchen or elsewhere on boat); or parts of the fishing gear (netting, nylon line, etc.); from the vessel into the ocean at any time ? Was any unprocessed perishable garbage discharged within 12 nautical miles of land or a reef ?</p>
	<p>Discharge any oil PN-b Was any fuel oil spilled or dumped within 50 nautical miles of shore ?</p>
	<p>Lose any fishing gear PN-c Was any fishing gear lost during this trip ?</p>
	<p>Abandon any fishing gear PN-d Was any fishing gear dumped or abandoned by the observer's host vessel ?</p>
	<p>Fail to report any abandoned gear PN-e Did vessel not report any lost fishing gear (IF REQUIRED by the country in which waters it is fishing) ?</p>

Sea safety	<p>Fail to monitor international Safety frequencies SS-a Does the vessel keep its radio tuned into and turned onto the international distress, safety and calling frequencies when it is not communicating ? <u>Frequencies are:</u> VHF marine radio for medium to long range voice communications - 2182 kHz VHF marine radio for short range voice communications - Channel 16</p>
	<p>Carry out-of-date safety equipment SS-b Was any of the safety equipment (lifeboats, EPIRBs, etc.) out of survey date or in a bad condition ?</p>

CONVERSION FACTORS

OBSERVER NAME <div style="border: 1px solid black; padding: 5px; text-align: center;">This header should be filled in completely</div>	MEASURING INSTRUMENT <i>e.g. SPC 1.5 m Aluminium calipers</i>	OBSERVER TRIP ID No. <i>e.g.: JMA 97-</i>	PAGE OF This is page 7 → 7 → 19
VESSEL NAME	MAKE, MODEL AND CAPACITY OF SCALES <i>e.g. Salzer 100kg dial-faced spring scales</i>	Don't forget ! Total number of GEN-4s forms used in the trip was 19	

DETAILS OF WEIGHTS AND MEASUREMENTS COLLECTED																			
SET NO.	LABEL NO.	SHIP'S TIME	SPECIES CODE	LENGTHS (in cm.)						WEIGHTS (in kg.)				WET FIN	PROCESSED WGT. (kg.)		LANDED WEIGHT (kg.)		COMMENTS
				UF	US	LF	PF	PS	TL	WHOLE	HEAD	TAIL	GUTS		CODE	CODE	CODE	CODE	
# 1	3	1720	BET	152	124	—	—	98	—	—	—	4		9	72	GG	70	GG	An example

Set No.

Record the relevant set number ie set # 1, 2 etc. There is no need to start a new page for a new set but you must indicate the correct set number for each line. The set number is at the top of the PS-3 and LL-4 form

Label No.

When unable to get **whole** or **processed weight** during the trip attach a label inside the mouth or gut cavity of the fish. When back on shore record **landed weight**.

If processed weight can be collected on board still use labels and then also record **landed weight** of fish as it is recorded at unloading. This can be used for checking weight loss during storage

Ship's Time and Species Code

must be recorded exactly as they are on Catch Monitoring Form (LL-4), on longliners or the set time and species from the Set Details Form (PS-3) on purse seiners

If using Form GEN-4 but not using Form LL-4 (see * below), record sex in the comments field.

Length code describes what parts of the fish or animal are actually measured

Code Description

UF - Upper jaw to fork in tail
 US - Upper jaw to second dorsal fin
 LF - Lower jaw to fork in tail
 PF - Pectoral fin to fork in tail
 PS - Pectoral fin to second dorsal TL fin
 - Total length (for sharks)

measure the pectoral and second dorsal fins at the most forward points that they attach to the body

Collect "UF", "US" and "PS" for tunas
 Collect "LF", "PF" and "PS" for billfish

Weights:

if <10 kg
aim for accuracy to 0.5 kg (round to nearest whole kg)

if >10kg
aim for accuracy to 1.0 kg

Tunas: Include removed gills with guts when weighing whole weight.

Billfish: Include removed bills with guts when weighing whole weight

Weight codes describe the state of the fish at the time that it was weighed. As such they must not be confused with Fate codes, which describe the final state of the fish.

Code Description

WW - Whole weight
 GG - Gutted and gilled
 GH - Gutted and headed
 GT - Gutted, gilled and tailed

GX - Gutted, headed and tailed
 GO - Gutted only (gills left in)

The GEN-4 form can be used to collect information from several sets (see the set number column on the left). As with all data it is important that you collect information as accurately as possible.

However, it is not important to collect this data for all catch. Usually only the more experienced and proven observers will be asked to collect this extra information. Only collect data for this form when it can be comfortably and accurately gathered without stopping the collection of other important data.

* On some more difficult trips you may choose, or were asked, to take time out from normal sampling to put more effort into collecting conversion factor information. In this situation the Catch Monitoring Form may not be used. At times like this record the sex of the fish in the comments section of Form GEN-4.

The comments section can be used to note any factor that you feel has had an important influence on the data collection for this form.

CONVERSION FACTORS

OBSERVER NAME <div style="border: 1px solid black; padding: 2px; text-align: center;">This header should be filled in completely</div>	MEASURING INSTRUMENT <i>e.g.: SPC 1.5 m Aluminium calipers</i>	OBSERVER TRIP ID No. <i>e.g.: JMA 97-</i>	PAGE OF PAGE <u>7</u> OF <u>19</u> <div style="border: 1px solid black; padding: 2px; text-align: center;">This is page 7</div>
VESSEL NAME	MAKE, MODEL AND CAPACITY OF SCALES <i>e.g.: Salzer 100kg dial-faced spring scales</i>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Don't forget !</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Total number of GEN-4s forms used in the trip was 19</div>	

DETAILS OF WEIGHTS AND MEASUREMENTS COLLECTED

SET NO.	LABEL NO.	SHIP'S TIME	SPECIES CODE	LENGTHS (in cm.)						WEIGHTS (in kg.)				WET FIN	PROCESSED WGT. (kg.)		LANDED WEIGHT (kg.)		COMMENTS
				UF	US	LF	PF	PS	TL	WHOLE	HEAD	TAIL	GUTS		CODE	CODE	CODE	CODE	
# 1	3	1720	BET	152	124	—	—	98	—	—	—	4	9	72	GG	70	GG	An example	

Set No.

Record the relevant set number ie set # 1, 2 etc. There is no need to start a new page for a new set but you must indicate the correct set number for each line. The set number is at the top of the PS-3 and LL-4 form

Label No.

When unable to get **whole** or **processed weight** during the trip attach a label inside the mouth or gut cavity of the fish. When back on shore record **landed weight**.

If processed weight can be collected on board still use labels and then also record **landed weight** of fish as it is recorded at unloading. This can be used for checking weight loss during storage

Ship's Time and Species Code

must be recorded exactly as they are on Catch Monitoring Form (LL-4) on longliners or the set time and species from the Set Details Form (PS-3) on purse seiners

If using Form GEN-4 but not using Form LL-4 (see * below), record sex in the comments field.

Length code describes what parts of the fish or animal are actually measured

Code Description

UF - Upper jaw to fork in tail
 US - Upper jaw to second dorsal fin
 LF - Lower jaw to fork in tail
 PF - Pectoral fin to fork in tail
 PS - Pectoral fin to second dorsal TL fin
 - Total length (for sharks)

measure the pectoral and second dorsal fins at the most forward points that they attach to the body

Collect "UF", "US" and "PS" for tunas
 Collect "LF", "PF" and "PS" for billfish

Weights:

if <10 kg
aim for accuracy to 0.5 kg (round to nearest whole kg)

if >10kg
aim for accuracy to 1.0 kg

Tunas: Include removed gills with guts when weighing whole weight.

Billfish: Include removed bills with guts when weighing whole weight

Weight codes describe the state of the fish at the time that it was weighed. As such they must not be confused with Fate codes, which describe the final state of the fish.

Code Description

WW - Whole weight
 GG - Guttled and gilled
 GH - Guttled and headed
 GT - Guttled, gilled and tailed

GX - Guttled, headed and tailed
 GO - Guttled only (gills left in)

The GEN-4 form can be used to collect information from several sets (see the set number column on the left). As with all data it is important that you collect information as accurately as possible.

However, it is not important to collect this data for all catch. Usually only the more experienced and proven observers will be asked to collect this extra information. Only collect data for this form when it can be comfortably and accurately gathered without stopping the collection of other important data.

* On some more difficult trips you may choose, or were asked, to take time out from normal sampling to put more effort into collecting conversion factor information. In this situation the Catch Monitoring Form may not be used. At times like this record the sex of the fish in the comments section of Form GEN-4.

The comments section can be used to note any factor that you feel has had an important influence on the data collection for this form.

**SPC/FFA REGIONAL OBSERVER
POLLUTION REPORT**

FORM GEN-6

REVISED MARCH 2014

OBSERVER NAME	VESSEL NAME	OBSERVER ID NUMBER	PAGE OF
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- fill in one form for each pollution incident -

INCIDENT DETAILS

Ship's DATE and TIME					LATITUDE		LONGITUDE		EEZ / HARBOUR	
DD	MM	YY	hh	mm	(dd°mm.mmm')		N / S	(ddd°mm.mmm')		E / W
WIND DIRECTION			WIND SPEED		SEA CONDITIONS (C, S, M, R)		CURRENT : (knts and direction °)		OBSERVER'S VESSEL ACTIVITY	
NAME OF OFFENDING VESSEL					IRCS	TYPE OF VESSEL		YOUR POSITION FROM OFFENDING VESSEL Compass Bearing Distance (nautical miles)		

WASTE DUMPED OVERBOARD

Material	<i>Tick each box that applies</i>	Describe Type	Describe Quantity
Plastics	<input type="checkbox"/>		
Metals	<input type="checkbox"/>		
Waste oil	<input type="checkbox"/>		
Chemicals	<input type="checkbox"/>		
General garbage <i>(within 12 miles of shoreline)</i>	<input type="checkbox"/>		
<i>describe:</i>			

OIL SPILLAGES AND LEAKAGES

Source	<i>Tick each box that applies</i>	Visual Appearance / Colour	Describe Area and Quantity
Vessel Aground / Collision	<input type="checkbox"/>		
Vessel at Anchor / Berth	<input type="checkbox"/>		
Vessel Underway	<input type="checkbox"/>		
Land based source - Describe source	<input type="checkbox"/>		
Other - please specify	<input type="checkbox"/>		

Abandoned or Lost Fishing Gear

Source	Activity	Describe Gear	Estimate Quantity
Lost during fishing			
Abandoned			
Dumped			

Other comments:

Were there any stickers/ posters displayed to remind the vessel about MARPOL Regulations? Y / N

Did you take any photos? Y / N

If yes, please state the number(s) of the photo frames or files.

MARPOL Regulations - state

It is illegal for any vessel to discard any form of plastics into the sea at anytime.

It is illegal for any vessel to discard any form of oil into the sea at anytime.

It is illegal for any vessel to dump any form of rubbish into the sea within 12 nautical mile of the sea shore.

POLLUTION REPORT

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If forms run out, report this on the last form and continue recording pollution infringements in diary.

Observer Name	Put first name first, and your family name last.
Vessel Name	Record the full name of the vessel. Do not use any abbreviations.
Observer ID Number	Use the number assigned by the observer programme e.g. AA 03-01
Page of	Number all GEN-6 pages in sequence from the start until the end of the trip
Date of Incident (dd/mm/yy)	Date pollution seen in day, month and year. <i>Use ship's time as defined in other observer data collection forms</i>
Time (00.00 hrs)	Report the time using the 24hr clock.
Latitude / Longitude	Record the GPS position of the host vessel when the pollution was first seen.
EEZ / Harbour	Record the EEZ or, for shorebase staff, mark port or Harbour name here.
Wind Direction	The prevailing wind direction. Use degree eg. 90 degrees for an east wind
Wind Speed	Record the prevailing wind speed.
Sea Conditions	C- Calm, S- Slight, M- Moderate, R - Rough.
Current (knts and direction)	If the vessel has a current meter find out what the current strength is.
Observer's vessel activity	State the host (observer's) vessel activity at the time of the pollution incident. Some activities to consider might be: fishing; transshipping; bunkering; transitting; aground.
Name of offending vessel	Make an effort to record the complete and proper name of offending vessel. Be careful not to make any spelling mistakes which may make it difficult to prosecute the vessel if the report goes through legal proceedings.
IRCS	The international callsign is marked in large letters on the side of the boat.
Type of vessel	Consider the full vessel and aircraft codes on the front of Form GEN-1.
Your position from offending vessel.	Use the vessel compass to get direction of offending vessel from host vessel. The radar can be used to get an exact distance in nautical miles. Otherwise give best estimate and note if it is the observer's or someone else's.
WASTE DUMPED OVERBOARD	
Material	Tick each correct box to show which types of materials were dumped. Only tick two or more materials if vessel has dumped more than one material type over at the same time - e.g.: it dumped plastic and metal at 10:00hrs. If plastic was dumped at 10:00hrs and metal at 16:00hrs - record separately.
Describe type	Give as good a description as possible of the type of dumped material. E.g.: - plastic bags; bait boxes plastic strapping; bait boxes plastic bags; etc.
Describe Quantities	Give a best estimate of the amount dumped. Sometimes this will be easy - e.g., 12 metal oil drums were dumped. At other times the material might be too far away to see the amount. If it is too far away then estimate the amount as well as possible and make note that it is only a rough estimate at distance.
OIL SPILLAGES AND LEAKAGES	
Source	Tick to indicate where the spillage or leak came from
Visual Appearance / Colour	Describe the colour/ thickness/depth of the spill as well as able.
Describe Area and Quantity	Give a best estimate of the size of the spill. The boat could be a size reference - e.g.: it was 4 times bigger than the boat.
Abandoned or Lost Fishing Gear	
Lost during fishing	Lost by host vessel. Describe activity when gear lost (setting/hauling/soak)
Abandoned	For any fishing gear abandoned by another vessel and found by host vessel
Dumped	For any gear dumped by host vessel, see above.

Supplementary notes on Marpol Regulations

Note: Vessels may dump garbage as close as 3 nautical miles to the shore if they have a 'comminuter' onboard
(a machine that shreds garbage to tiny pieces).

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Country Codes

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FR	France	PW	Palau
PF	French Polynesia	PG	Papua New Guinea
GU	Guam	PH	Philippine
ID	Indonesia	RU	Russia
IW	International Waters	SB	Solomon Islands
JP	Japan	TW	Taiwan
TO	Kingdom of Tonga	TK	Tokelau
KI	Kiribati	TV	Tuvalu
KR	Korea	US	United States
CN	Mainland China	VU	Vanuatu
MY	Malaysia	WS	Samoa

**SPC/FFA REGIONAL OBSERVER
POLLUTION REPORT**

FORM GEN-6

REVISED MARCH 2014

OBSERVER NAME	VESSEL NAME	OBSERVER ID NUMBER	PAGE OF
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- fill in one form for each pollution incident -

INCIDENT DETAILS

Ship's DATE and TIME					LATITUDE	N/S	LONGITUDE	E/W	EEZ/HARBOUR
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WIND DIRECTION		WIND SPEED		SEA CONDITIONS (C, S, M, R)		CURRENT : (knts and direction °)		OBSERVER'S VESSEL ACTIVITY	
NAME OF OFFENDING VESSEL				IRCS	TYPE OF VESSEL		YOUR POSITION FROM OFFENDING VESSEL Compass Bearing Distance (nautical miles)		

WASTE DUMPED OVERBOARD

Material	Tick each box that applies	Describe Type	Describe Quantity
Plastics	<input type="checkbox"/>		
Metals	<input type="checkbox"/>		
Waste oil	<input type="checkbox"/>		
Chemicals	<input type="checkbox"/>		
General garbage (within 12 miles of shoreline)	<input type="checkbox"/>		
describe:			

OIL SPILLAGES AND LEAKAGES

Source	Tick each box that applies	Visual Appearance / Colour	Describe Area and Quantity
Vessel Aground / Collision	<input type="checkbox"/>		
Vessel at Anchor / Berth	<input type="checkbox"/>		
Vessel Underway	<input type="checkbox"/>		
Land based source - Describe source	<input type="checkbox"/>		
Other - please specify	<input type="checkbox"/>		

Abandoned or Lost Fishing Gear

Source	Activity	Describe Gear	Estimate Quantity
Lost during fishing			
Abandoned			
Dumped			

Other comments:

Were there any stickers/ posters displayed to remind the vessel about MARPOL Regulations? Y / N

Did you take any photos? Y / N

If yes, please state the number(s) of the photo frames or files.

MARPOL Regualations - state

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It is illegal for any vessel to discard any form of oil into the sea at anytime.

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POLLUTION REPORT

Remember - Fill in one form for each pollution incident. There might be more than one per day.
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Observer Name	Put first name first, and your family name last.
Vessel Name	Record the full name of the vessel. Do not use any abbreviations.
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Latitude / Longitude	Record the GPS position of the host vessel when the pollution was first seen.
EEZ / Harbour	Record the EEZ or, for shorebase staff, mark port or Harbour name here.
Wind Direction	The prevailing wind direction. Use degree eg. 90 degrees for an east wind
Wind Speed	Record the prevailing wind speed.
Sea Conditions	C- Calm, S- Slight, M- Moderate, R - Rough.
Current (knts and direction)	If the vessel has a current meter find out what the current strength is.
Observer's vessel activity	State the host (observer's) vessel activity at the time of the pollution incident.
	Some activities to consider might be: fishing; transshipping; bunkering; transitting; aground.
Name of offending vessel	Make an effort to record the complete and proper name of offending vessel. Be careful not to make any spelling mistakes which may make it difficult to prosecute the vessel if the report goes through legal proceedings.
IRCS	The international callsign is marked in large letters on the side of the boat.
Type of vessel	Consider the full vessel and aircraft codes on the front of Form GEN-1.
Your position from offending vessel.	Use the vessel compass to get direction of offending vessel from host vessel. The radar can be used to get an exact distance in nautical miles. Otherwise give best estimate and note if it is the observer's or someone else's.
WASTE DUMPED OVERBOARD	
Material	Tick each correct box to show which types of materials were dumped. Only tick two or more materials if vessel has dumped more than one material type over at the same time - e.g.: it dumped plastic and metal at 10:00hrs. If plastic was dumped at 10:00hrs and metal at 16:00hrs - record separately.
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OIL SPILLAGES AND LEAKAGES	
Source	Tick to indicate where the spillage or leak came from
Visual Appearance / Colour	Describe the colour/ thickness/depth of the spill as well as able.
Describe Area and Quantity	Give a best estimate of the size of the spill. The boat could be a size reference - e.g.: it was 4 times bigger than the boat.
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Lost during fishing	Lost by host vessel. Describe activity when gear lost (setting/hauling/soak)
Abandoned	For any fishing gear abandoned by another vessel and found by host vessel
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Supplementary notes on Marpol Regulations
Note: Vessels may dump garbage as close as 3 nautical miles to the shore if they have a 'comminuter' onboard (a machine that shreds garbage to tiny pieces).

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PF	French Polynesia	PG	Papua New Guinea
GU	Guam	PH	Philippine
ID	Indonesia	RU	Russia
IW	International Waters	SB	Solomon Islands
JP	Japan	TW	Taiwan
TO	Kingdom of Tonga	TK	Tokelau
KI	Kiribati	TV	Tuvalu
KR	Korea	US	United States
CN	Mainland China	VU	Vanuatu
MY	Malaysia	WS	Samoa

**SPC/FFA REGIONAL OBSERVER
POLLUTION REPORT**

FORM GEN-6

REVISED MARCH 2014

OBSERVER NAME	VESSEL NAME	OBSERVER ID NUMBER	PAGE OF
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- fill in one form for each pollution incident -

INCIDENT DETAILS

Ship's DATE and TIME					LATITUDE	N / S	LONGITUDE	E / W	EEZ / HARBOUR
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NAME OF OFFENDING VESSEL				IRCS	TYPE OF VESSEL		YOUR POSITION FROM OFFENDING VESSEL Compass Bearing Distance (nautical miles)		

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Material	Tick each box that applies	Describe Type	Describe Quantity
Plastics	<input type="checkbox"/>		
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describe:			

OIL SPILLAGES AND LEAKAGES

Source	Tick each box that applies	Visual Appearance / Colour	Describe Area and Quantity
Vessel Aground / Collision	<input type="checkbox"/>		
Vessel at Anchor / Berth	<input type="checkbox"/>		
Vessel Underway	<input type="checkbox"/>		
Land based source - Describe source	<input type="checkbox"/>		
Other - please specify	<input type="checkbox"/>		

Abandoned or Lost Fishing Gear

Source	Activity	Describe Gear	Estimate Quantity
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Abandoned			
Dumped			

Other comments:

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OIL SPILLAGES AND LEAKAGES	
Source	Tick to indicate where the spillage or leak came from
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FJ	Fiji Islands	MR	Northern Mariana
FR	France	PW	Palau
PF	French Polynesia	PG	Papua New Guinea
GU	Guam	PH	Philippine
ID	Indonesia	RU	Russia
IW	International Waters	SB	Solomon Islands
JP	Japan	TW	Taiwan
TO	Kingdom of Tonga	TK	Tokelau
KI	Kiribati	TV	Tuvalu
KR	Korea	US	United States
CN	Mainland China	VU	Vanuatu
MY	Malaysia	WS	Samoa

**SPC/FFA REGIONAL OBSERVER
POLLUTION REPORT**

FORM GEN-6

REVISED MARCH 2014

OBSERVER NAME	VESSEL NAME	OBSERVER ID NUMBER	PAGE OF
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- fill in one form for each pollution incident -

INCIDENT DETAILS

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NAME OF OFFENDING VESSEL				IRCS	TYPE OF VESSEL		YOUR POSITION FROM OFFENDING VESSEL Compass Bearing Distance (nautical miles)		

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Material	Tick each box that applies	Describe Type	Describe Quantity
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OIL SPILLAGES AND LEAKAGES

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Source	Activity	Describe Gear	Estimate Quantity
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FR	France	PW	Palau
PF	French Polynesia	PG	Papua New Guinea
GU	Guam	PH	Philippine
ID	Indonesia	RU	Russia
IW	International Waters	SB	Solomon Islands
JP	Japan	TW	Taiwan
TO	Kingdom of Tonga	TK	Tokelau
KI	Kiribati	TV	Tuvalu
KR	Korea	US	United States
CN	Mainland China	VU	Vanuatu
MY	Malaysia	WS	Samoa

**SPC/FFA REGIONAL OBSERVER
POLLUTION REPORT**

FORM GEN-6

REVISED MARCH 2014

OBSERVER NAME	VESSEL NAME	OBSERVER ID NUMBER	PAGE OF
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- fill in one form for each pollution incident -

INCIDENT DETAILS

Ship's DATE and TIME					LATITUDE	N / S	LONGITUDE	E / W	EEZ / HARBOUR
DD	MM	YY	hh	mm	(dd°mm.mmm')		(ddd°mm.mmm')		
WIND DIRECTION		WIND SPEED		SEA CONDITIONS (C, S, M, R)		CURRENT : (knts and direction °)		OBSERVER'S VESSEL ACTIVITY	
NAME OF OFFENDING VESSEL				IRCS	TYPE OF VESSEL		YOUR POSITION FROM OFFENDING VESSEL Compass Bearing Distance (nautical miles)		

WASTE DUMPED OVERBOARD

Material	Tick each box that applies	Describe Type	Describe Quantity
Plastics	<input type="checkbox"/>		
Metals	<input type="checkbox"/>		
Waste oil	<input type="checkbox"/>		
Chemicals	<input type="checkbox"/>		
General garbage <i>(within 12 miles of shoreline)</i>	<input type="checkbox"/>		
describe:			

OIL SPILLAGES AND LEAKAGES

Source	Tick each box that applies	Visual Appearance / Colour	Describe Area and Quantity
Vessel Aground / Collision	<input type="checkbox"/>		
Vessel at Anchor / Berth	<input type="checkbox"/>		
Vessel Underway	<input type="checkbox"/>		
Land based source - Describe source	<input type="checkbox"/>		
Other - please specify	<input type="checkbox"/>		

Abandoned or Lost Fishing Gear

Source	Activity	Describe Gear	Estimate Quantity
Lost during fishing			
Abandoned			
Dumped			

Other comments:

Were there any stickers/ posters displayed to remind the vessel about MARPOL Regulations? **Y / N**

Did you take any photos? **Y / N**

If yes, please state the number(s) of the photo frames or files.

MARPOL Regualations - state

It is illegal for any vessel to discard any form of plastics into the sea at anytime.

It is illegal for any vessel to discard any form of oil into the sea at anytime.

It is illegal for any vessel to dump any form of rubbish into the sea within 12 nautical mile of the sea shore.

POLLUTION REPORT

Remember - Fill in one form for each pollution incident. There might be more than one per day.
If forms run out, report this on the last form and continue recording pollution infringements in diary.

Observer Name	Put first name first, and your family name last.
Vessel Name	Record the full name of the vessel. Do not use any abbreviations.
Observer ID Number	Use the number assigned by the observer programme e.g. AA 03-01
Page of	Number all GEN-6 pages in sequence from the start until the end of the trip
Date of Incident (dd/mm/yy)	Date pollution seen in day, month and year. <i>Use ship's time as defined in other observer data collection forms</i>
Time (00.00 hrs)	Report the time using the 24hr clock.
Latitude / Longitude	Record the GPS position of the host vessel when the pollution was first seen.
EEZ / Harbour	Record the EEZ or, for shorebase staff, mark port or Harbour name here.
Wind Direction	The prevailing wind direction. Use degree eg. 90 degrees for an east wind
Wind Speed	Record the prevailing wind speed.
Sea Conditions	C- Calm, S- Slight, M- Moderate, R - Rough.
Current (knts and direction)	If the vessel has a current meter find out what the current strength is.
Observer's vessel activity	State the host (observer's) vessel activity at the time of the pollution incident. Some activities to consider might be: fishing; transshipping; bunkering; transitting; aground.
Name of offending vessel	Make an effort to record the complete and proper name of offending vessel. Be careful not to make any spelling mistakes which may make it difficult to prosecute the vessel if the report goes through legal proceedings.
IRCS	The international callsign is marked in large letters on the side of the boat.
Type of vessel	Consider the full vessel and aircraft codes on the front of Form GEN-1.
Your position from offending vessel.	Use the vessel compass to get direction of offending vessel from host vessel. The radar can be used to get an exact distance in nautical miles. Otherwise give best estimate and note if it is the observer's or someone else's.
WASTE DUMPED OVERBOARD	
Material	Tick each correct box to show which types of materials were dumped. Only tick two or more materials if vessel has dumped more than one material type over at the same time - e.g.: it dumped plastic and metal at 10:00hrs. If plastic was dumped at 10:00hrs and metal at 16:00hrs - record separately.
Describe type	Give as good a description as possible of the type of dumped material. E.g.: - plastic bags; bait boxes plastic strapping; bait boxes plastic bags; etc.
Describe Quantities	Give a best estimate of the amount dumped. Sometimes this will be easy - e.g., 12 metal oil drums were dumped. At other times the material might be too far away to see the amount. If it is too far away then estimate the amount as well as possible and make note that it is only a rough estimate at distance.
OIL SPILLAGES AND LEAKAGES	
Source	Tick to indicate where the spillage or leak came from
Visual Appearance / Colour	Describe the colour/ thickness/depth of the spill as well as able.
Describe Area and Quantity	Give a best estimate of the size of the spill. The boat could be a size reference - e.g.: it was 4 times bigger than the boat.
Abandoned or Lost Fishing Gear	
Lost during fishing	Lost by host vessel. Describe activity when gear lost (setting/hauling/soak)
Abandoned	For any fishing gear abandoned by another vessel and found by host vessel
Dumped	For any gear dumped by host vessel, see above.

Supplementary notes on Marpol Regulations

Note: Vessels may dump garbage as close as 3 nautical miles to the shore if they have a 'comminuter' onboard
(a machine that shreds garbage to tiny pieces).

Otherwise they cannot dump garbage within 12 nm of the coast. Report on all vessels dumping within 12nm of the coast. We can check if they have a comminuter onboard later.

Country Codes

AS	American Samoa	MH	Marshall Islands
AU	Australia	NR	Nauru
CK	Cook Islands	NC	New Caledonia
EC	Ecuador	NZ	New Zealand
FM	Fed. States of Micronesia	NU	Niue
FJ	Fiji Islands	MR	Northern Mariana
FR	France	PW	Palau
PF	French Polynesia	PG	Papua New Guinea
GU	Guam	PH	Philippine
ID	Indonesia	RU	Russia
IW	International Waters	SB	Solomon Islands
JP	Japan	TW	Taiwan
TO	Kingdom of Tonga	TK	Tokelau
KI	Kiribati	TV	Tuvalu
KR	Korea	US	United States
CN	Mainland China	VU	Vanuatu
MY	Malaysia	WS	Samoa

**SPC/FFA REGIONAL OBSERVER
ADVANCES and CLAIMS FORM**

**FORM
SUP-4**

REV. MAR. 2014

OBSERVER NAME	VESSEL NAME	IRCS	PAGE OF
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ADVANCES

Advance Claim Ref No.	NAME OF OBSERVER PROGRAMME or FISHING COMPANY MAKING ADVANCE	NAME OF PERSON PROVIDING ADVANCE	SIGNATURE (of person making advance)	State TYPE of ADVANCE (i.e. cash /other)	Curr-ency	Amount
ADV #	Observer Trip ID No					
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

OBSERVER EXPENSE CLAIMS FOR REIMBURSEMENT

Claim item [number (#) each receipt]		Curr-ency	Amount	Claim item [number (#) each receipt]		Curr-ency	Amount
EXP #	Description			#	Description		
1				13			
2				14			
3				15			
4				16			
5				17			
6				18			
7				19			
8				20			
9				21			
10				22			
11				23			
12				24			

Tick one box only: Please make payments to: _____
(payee's name) _____
(bank) (branch) (account number) observer's signature

Please arrange for funds to be available on presentation of passport

Written report _____ on _____ Register _____
and data was sent (hand carried, courier, express mail, etc.) (date) red mail

I certify that the expense claims and dates of travel and sea days are a true account of expenses and dates of travel; and I verify that my independent report and data collection is a true and correct record of my observations onboard the vessel

SIGNED: _____ Date: _____

New for 2014: All advances received by an observer must be filled in on this form.

Advances will not be reimbursed unless the advances are fully documented on this form and signed off.

ADVANCES

Advance Claim Reference Number	The <u>advance claim reference number is a mixture</u> of a 'claim' number and the observer trip id number. Combined these numbers help to uniquely identify each observer advance so it can be reimbursed to the person that made the advance. In the future advances will not be reimbursed if they don't have the advance claim reference number. It is important that you notify the person making the advance of the number and get them to sign the form. See below. If possible make sure they get a photocopy of the form after they have signed it. Example of an advance claim reference number : ADV #1: ELE 15-07
NAME OF OBSERVER PROGRAMME or FISHING COMPANY MAKING ADVANCE	State the name of the observer programme or the fishing company that provided the advance. You should include the full contact details for the fishing company in your journal. Remember to record the full mailing address and the email and phone number in the journal.
FULL NAME OF PERSON PROVIDING THE ADVANCE	Clearly record the full name of the person that gave you the advance.
SIGNATURE (of person making advance)	You must get the signature of the person who made the advance. In future the person or their observer programme or fishing company will not be paid back the advance if this form is not filled in. If the advance was sent from overseas your Observer Coordinator must sign the form.
TYPE OF ADVANCE	State if you received cash, traveller's check or a bank transfer.
CURRENCY	State the currency that was received (i.e US for US dollars, YEN for Japanese yen, FJ for Fijian dollars etc)
AMOUNT	State the amount that was received in figures to two decimal places.

OBSERVER EXPENSE CLAIMS FOR REIMBURSEMENT

- All receipts should be dated and have the name of the company clearly indicated. A cash register receipt must be clear and have the item purchased listed on the receipt if this is not available ask for a hand written receipt with company name on the receipt. Remember to record what the currency is on each receipt.
- If no receipts are available (e.g. taxis) list these items on a sheet with full details, dates and currency and sign the sheet.
- Make sure all claim receipts are numbered and are placed in a separate envelope along with used and/or unused airline tickets. Send the envelope with work books. **Under no circumstances send anything by normal or surface mail**
- Observers are able to claim work related taxi/bus fares, airport tax, safety deck boots, helmets, etc. If you are not sure if you can make a claim for an item, put a claim in and your coordinator will assess the claim.
- Safely package (preferably in a padded envelope) data and workbooks, the envelope containing receipts, photographs and/or any other items and make sure they are hand carried, sent by Courier, or sent by Express Registered Air-Mail. Normal or surface mail can take months and will delay final payment. All costs of sending the packages by courier or express mail are refundable.
– **UNDER NO CIRCUMSTANCE MAIL THESE ARTICLES BY NORMAL OR SURFACE**
- Fax a copy of this form to your main office or as advised by your coordinator. Send the original copy with the receipts.
- Although DSA (per diem / travel and accomodation allowances) cover accommodation copies of hotel/motel receipts that show clearly the dates stayed, must be sent in. Do not send in receipts for food purchases or personal items.

**SPC/FFA REGIONAL OBSERVER
ADVANCES and CLAIMS FORM**

**FORM
SUP-4**

REV MAR. 2014

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6				18			
7				19			
8				20			
9				21			
10				22			
11				23			
12				24			

Tick one box only:

Please make payments to: _____
(payee's name)

_____ *observer's signature*

_____ *(bank)* _____ *(branch)* _____ *(account number)*

Please arrange for funds to be available on presentation of passport

Written report _____ on _____ Register _____
and data was sent *(hand carried, courier, express mail, etc.)* (date) red mail

I certify that the expense claims and dates of travel and sea days are a true account of expenses and dates of travel; and I verify that my independent report and data collection is a true and correct record of my observations onboard the vessel

SIGNED: _____ Date: _____

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CURRENCY	State the currency that was received (i.e US for US dollars, YEN for Japanese yen, FJ for Fijian dollars etc)
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OBSERVER EXPENSE CLAIMS FOR REIMBURSEMENT

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- If no receipts are available (e.g. taxis) list these items on a sheet with full details, dates and currency and sign the sheet.
- Make sure all claim receipts are numbered and are placed in a separate envelope along with used and/or unused airline tickets. Send the envelope with work books. **Under no circumstances send anything by normal or surface mail**
- Observers are able to claim work related taxi/bus fares, airport tax, safety deck boots, helmets, etc. If you are not sure if you can make a claim for an item, put a claim in and your coordinator will assess the claim.
- Safely package (preferably in a padded envelope) data and workbooks, the envelope containing receipts, photographs and/or any other items and make sure they are hand carried, sent by Courier, or sent by Express Registered Air-Mail. Normal or surface mail can take months and will delay final payment. All costs of sending the packages by courier or express mail are refundable.
– **UNDER NO CIRCUMSTANCE MAIL THESE ARTICLES BY NORMAL OR SURFACE**
- Fax a copy of this form to your main office or as advised by your coordinator. Send the original copy with the receipts.
- Although DSA (per diem / travel and accomodation allowances) cover accommodation copies of hotel/motel receipts that show clearly the dates stayed, must be sent in. Do not send in receipts for food purchases or personal items.



**FOR TAGS RECOVERED ON BOARD DURING YOUR TRIP,
EVEN IF YOU ARE NOT THE FINDER,
THE RECOVERY INFORMATION MUST BE RECORDED IN YOUR WORKBOOK.**

**DO NOT REMOVE THE FORM FROM YOUR WORKBOOK !
BUT PROVIDE A COPY OF THE INFORMATION TO THE FINDER.**
(either by using the tag recovery envelopes or by copying the data on another paper or forms)

What do you do if you find a tagged fish during fishing time?

- Ask permission to put the fish aside.
- Verify that there is no archival tag in the belly. You should be able to see the antenna of the archival tag sticking out. Remove the archival tag by cutting the fish from the anus toward the gills (a small cut will be enough, do not pull the antenna).
- Measure the fish. If possible weigh the fish.
- Remove entirely the tag from the fish. Make sure that the dart doesn't remain inside the flesh of the fish.
- Fill in the tag recovery form and report the exact date and position of the catch.
- If you have access to a freezer, you can collect biological samples (otoliths, first dorsal spine, stomach, gonads, muscle, liver)

What do you do if you find a tagged fish during a well transfer or transshipment?

- Ask permission to put the fish aside.
- Note the well number and tag number.
- Verify that there is no archival tag in the belly. You should be able to see the antenna of the archival tag sticking out. Remove the archival tag by cutting the fish from the anus toward the gills (a small cut will be enough, do not pull the antenna).
- Measure the fish. If possible weigh the fish.
- Remove entirely the tag from the fish. Make sure that the dart doesn't remain inside the flesh of the fish.
- Fill in the tag recovery form and if there were several sets in the well, report the period and the position that include all the sets.
- If you have access to a freezer, you can collect biological samples (otoliths, first dorsal spine, stomach, gonads, muscle, liver)

What do you do if the crew gives you a tag?

- Ask when they found the tagged fish and all possible questions to recover information relative to the recovery. If the date when the tag was found is not precise you can at least enter the month and the year of the catch.
- If the catch position cannot be retrieved, try to at least describe the region where the tagged fish was caught.
- If the crew gives you an approximate date, try to access the vessel's logbook to find out where the boat was around that date and use the estimate section of the form to report the position.
- Note all the recovery information in your workbook, provide a copy to the finder (report data on another form, or tag recovery envelope). Do not take the tag from the finder.
- On your tag recovery form, in the section 'Tag provided with this form' place a cross in 'No' and specify where the crew will collect his reward.
- Upon Arrival at port you can provide assistance to the crew to collect his reward.

Rewards

In each main port you can find a **Tag Recovery Officer (TRO)**, they are able to distribute reward for recovered tags. **If you find a tag**, to claim your reward you need to give the tag to a TRO. In PNG (Wewak, Madang, Lae), in Solomon (Honiara), in FSM (Pohnpei) and Marshall (Majuro) these TRO will debrief you on the tag recoveries and will collect your forms from your workbook.

In other regions, you can remove the tag from the recovery form (do not remove the tag recovery form from your workbook). Inform the TRO that all information related to the tag has been provided in your observer workbook. If you can make a copy of the tag recovery form provide it to the TRO. If it is not possible to make a copy of the form, give him your trip ID number (so we can find your workbook and retrieve the tag recovery forms).

If a crew member on the boat finds a tag, fill out the tag recovery form with him and give the tag back to the finder with a copy of the data., and advise him where to collect his reward in the next major port.

Tag recoveries may also be reported to SPC by email (tagging@spc.int), or on a web-based form at:
www.spc.int/tagging

You can inform the captain and the crew that they can use the website if they recover tags in the future. Observers must always use the recovery forms in the workbook to report tag recoveries. At the end of the trip if you have extra forms, you can remove them from your workbook and provide them to the captain.

For advices contact the Tagging Recovery Officer Coordinator:
Caroline Sanchez - Carolines@spc.int / (+687 242227)

Reward Collection Locations

American Samoa

1. CIFFO – Cook Island Field Fisheries Office PAGOPAGO
(Contact: Isaiah Hunkin)

China

1. China Fisheries Association, BEIJING
(Contact: Zhao Gang)
2. Ningbo Poseidon Food Company NINGBO
(Contact: Shirley Chen)

Cook Islands

1. Ministry of Marine Resources RAROTONGA
(Contact: Andrew Jones)

Ecuador

1. Inter American Tropical Tuna Commission IATTC/CIAT
in MANTA (Contact: Francisco Robayo)

Federated States of Micronesia

1. Secretariat of the Pacific Community POHNPEI
(Contact: Amelia Antreas)
2. National Oceanic Resource Management Authority POHNPEI
(Contact: Roland Halichimal)

Fiji

1. Secretariat of the Pacific Community SUVA
(Contact: Front Office)

Guam

1. Guam Fishermen's Cooperative Association GUAM
(Contact: Manuel Duenas)

Indonesia

1. Research Centre for Capture Fisheries, JAKARTA
(Contact: Anung Widodo)

Japan

1. National Research Institute of Far Seas Fisheries SHIMIZU
(Contact: Junji Kinoshita)

Kiribati

1. Ministry of Fisheries & Marine Resource Development, Bairiki
TARAWA (Contact: Mamera Afeleti / Benaia Bauro)
2. Ministry of Fisheries & Marine Resource Development,
CHRISTMAS ISLAND (Contact: Taratau Kirata)

Korea

1. National Fisheries Research and Development Institute BUSAN
(Contact: Seon Jae Wang (황선재))

Marshall Islands

1. Marshall Islands Marine Resources Authority MAJURO
(Contact: Berry Muller/Mark Bigler)

New Caledonia

1. Secretariat of the Pacific Community NOUMEA
(Contact: Caroline Sanchez)

Papua New Guinea

1. National Fisheries Authority PORT MORESBY
(Contact: Benthly Sabub)
2. National Fisheries Authority LAE
(Contact: Walter Rupo / Billy Pangi.)
3. Erabelle PNG LAE (Contact: Celia Batobato)
4. National Fisheries Authority MADANG
(Contact: Clement Kuag)
5. RD Fishing PNG VIDAR (Contact: Sammy Rivera)
6. National Fisheries Authority WEWAK (Contact: Andrew Rahiria)
7. South Sea Tuna Corporation WEWAK
(Contact: Eldwin Umusig)
8. National Fisheries Authority RABAUL (Contact: Ellison Semi)

Palau

1. Bureau of Marine Resources KOROR
(Contact: Kathy Sisior)

Philippines

1. Bureau of Fisheries & Aquatic Resources MANILA
(Contact: Noel Barut / Elaine Garvilles)
2. Bureau of Fisheries & Aquatic Resources GENERAL SANTOS
(Contact: Glennville Castrence / Ian Medel Lipio)
3. Bureau of Fisheries & Aquatic Resources DAVAO
(Contact: Front Office)

Seychelles

1. Indian Ocean Tuna Commission SEYCHELLES
(Contact: Julien Million)

Solomon Islands

1. Ministry of Fisheries & Marine Resources HONIARA
(Contact: Derrick Tagosia)
2. Forum Fisheries Agency HONIARA
(Contact: Ambrose Orianihaa)
3. Soltaj Fishing NORO (Contact: Solomon Kakana)
4. Ministry of Fisheries & Marine Resources NORO
(Contact: Derick Suimae)

Taiwan

1. Taiwan Deep Sea Tuna Purse Seiners Association KAOHSIUNG
(Contact: Jason Tsai)
2. Overseas Fisheries Development Council KAOHSIUNG
(Contact: Peter Ho (何勝初))

Thailand

1. Thailand Department of Fisheries, SAMUTSAKOM
(Contact: Suwimon Keeratiriyaporn)

United States of America

1. Inter American Tropical Tuna Commission SANDIEGO
(Contact: Dan Fuller)
2. National Oceanic and Atmospheric Administration HONOLULU
(Contact: David Itano)

Vietnam

1. Phu Yen Province (Contact: Le Duc Tuong)
2. Binh Dinh Province (Contact: Nguyen Duy Lam)
3. Khanh Hoa Province (Contact: Vo Khac En)

HOW TO FILL THE TAG RECOVERY FORM

REVISED SPC - Nov. 2011

PAGE _____ OF _____

Tag Number: No. P-48854

Date when tag found: DD MM YY

Where found: Port Fish market Cold storage

Activity when found: Unloading at port **Well number where fish found:** (If Applicable)

Fish Information: **Species:** Specie code **Species Reliability:** Confirmed Guessed

NO length information: If there is no length, place a cross and move to the next section.

NO weight information: If there is no weight, place a cross and move to the next section.

Processed state when measured: Fresh Frozen Frozen then thawed

Processed state when weighed: Whole weight Gilled & gutted Other... please specify:

Date: Exact 05 02 11

Position: Exact Latitude: 06 02.300 N Longitude: 140 04.600 E

Estimated Date: From 01 03 11 to 15 03 11

Estimated Position: Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered

Latitude	ddd	mm.mmm	N/S	Longitude	ddd	mm.mmm	E/W
Min	05°	02.500	N	145°	12.300	E	
Max	00°	50.600	N	150°	20.450	E	

Vessel Name: Name of the vessel that caught the tagged fish.

Fishing Method: If on a PS or PL, enter the school type. If found in well with several school types, place a cross in all options.

Transshipment Information: If the recovery of a tagged fish involve a carrier/reefer, fill this section. If the unloading/transhipment occurs at port, note the name of the port, if it is at sea note the country code (EEZ of the country).

Country where the recovery will be reported or port where you disembarked:

Sender Address: If you can't provide an address, note the fishing company.

Recovery Information: **Tag provided with this form:** Yes No (tag kept for reward)

Specify if the crew keep the tag and where he will collect his reward:

Type of Reward: Not given T-shirt Cap Cash

Form completed by: Your name

Comments: Use this section to record any relevant information not provided on the form. Example: Archival tag number/copy of the data provided to the tag finder. You can attach the tag here:

No. P-48854 SPC NOUMEA - REWARD - www.spc.int/tagging No. P-48854

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt

HOW TO FILL THE MULTIPLE TAG RECOVERY FORM

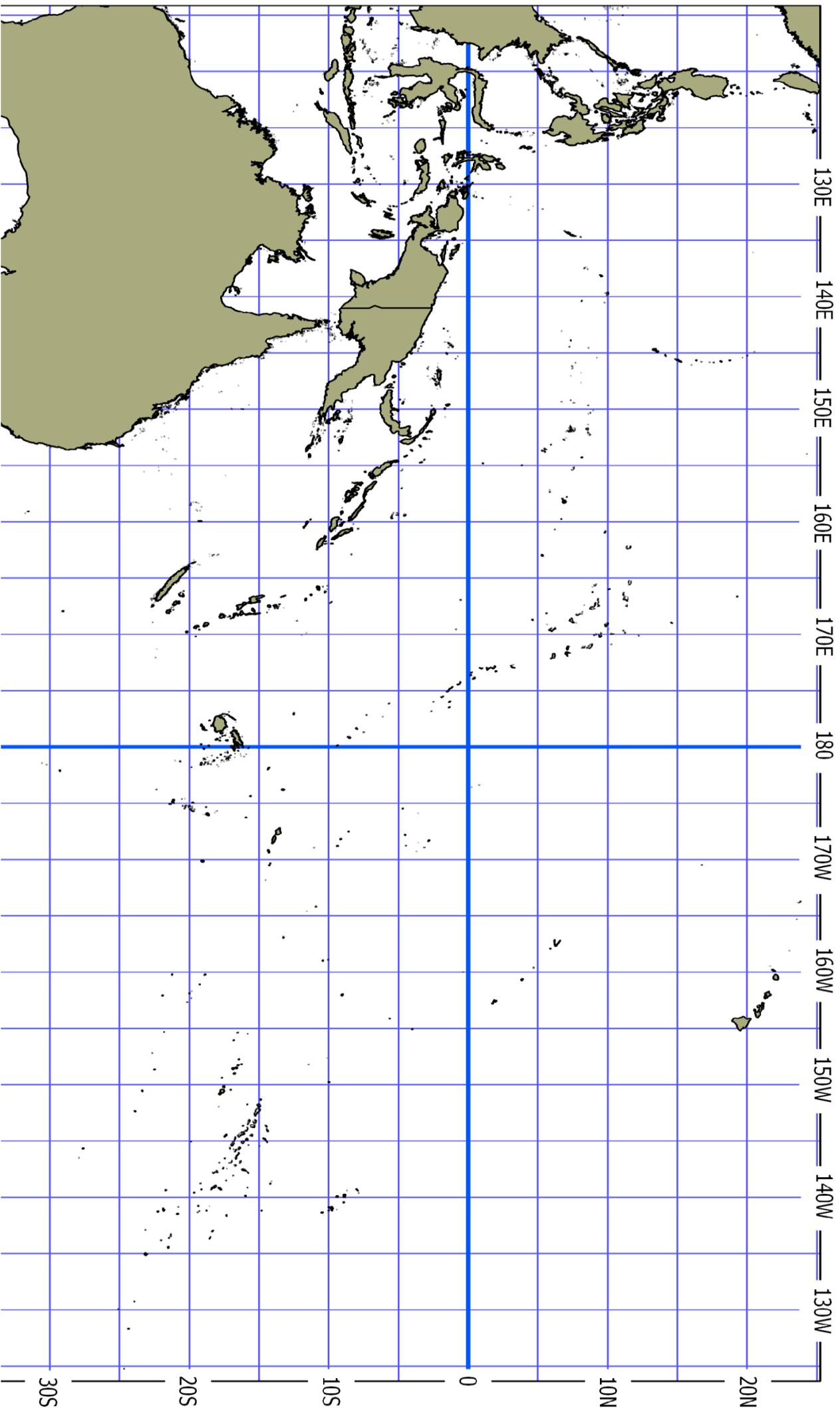
SPC MULTIPLE TAG RECOVERY FORM MULTIPLE TAGGED FISH FOUND THE SAME DAY, COMING FROM				PAGE / OF
Where did you find the tagged fish? WHERE FOUND: <input checked="" type="checkbox"/> Fishing vessel		DATE WHEN TAG FOUND: DD MM YY <div style="display: flex; justify-content: space-around; width: 100%;"> 26 08 11 </div>		Indicate if you have more than 1 series of multiple tag recoveries.
ACTIVITY WHEN FOUND: <input checked="" type="checkbox"/> Fishing		Note the date when the tags were first found. If you don't have an exact date, place a dash in the day field and note the month and/or year.		
What were you doing when you found the tagged fish?		at port WELL NUMBER WHERE FISH FOUND: (If Applicable)		
TAG NUMBER: P-234587		SPECIES: <input checked="" type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:		
FORK LENGTH cm: NO length information <input type="checkbox"/>		HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
FISH WEIGHT Kg: NO weight information <input type="checkbox"/>		HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed		Are you sure about the identification?		
PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....		Note the size of the fish, round down to the nearest cm (Eg: 65.7cm=65)		
TAG NUMBER: P-195236		SPECIES: <input checked="" type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:		
FORK LENGTH cm: 65		HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
FISH WEIGHT Kg: 1.8		HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed		Note the exact weight of the fish (Eg: 1.8 kg).		
PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....		Select 'Fresh' for a tagged fish caught during fishing time. Select 'Frozen' if found during well transfer/unloading.		
IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed		Were the size and weight measured with an instrument or estimated?		
PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....		Select the processed state of the fish when weighed.		
TAG NUMBER: P-278564		SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input checked="" type="checkbox"/> YFT <input type="checkbox"/> Other please specify:		
FORK LENGTH cm: 85		HOW MEASURED? <input checked="" type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
FISH WEIGHT Kg: 5.9		HOW WEIGHED? <input checked="" type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated		
IDENTIFICATION: <input checked="" type="checkbox"/> Confirmed <input type="checkbox"/> Guessed		PROCESSED STATE WHEN MEASURED: <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Frozen		
PROCESSED STATE WHEN WEIGHED: <input checked="" type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....		If there is no length, place a cross and move to the next section.		
IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed		If there is no weight, place a cross and move to the next section.		

WHEN TO USE AND HOW TO COMPLETE THE MULTIPLE TAG RECOVERY FORM

This multiple tag recovery form is meant to be used when a finder recovers up to 8 tagged fish the same day, either from the same set during fishing time or from the same well during transfer or unloading.

The fishery information must be filled at the back of the form

Note that each fish has a different tag number, they can be different species, the size and weight can be different.

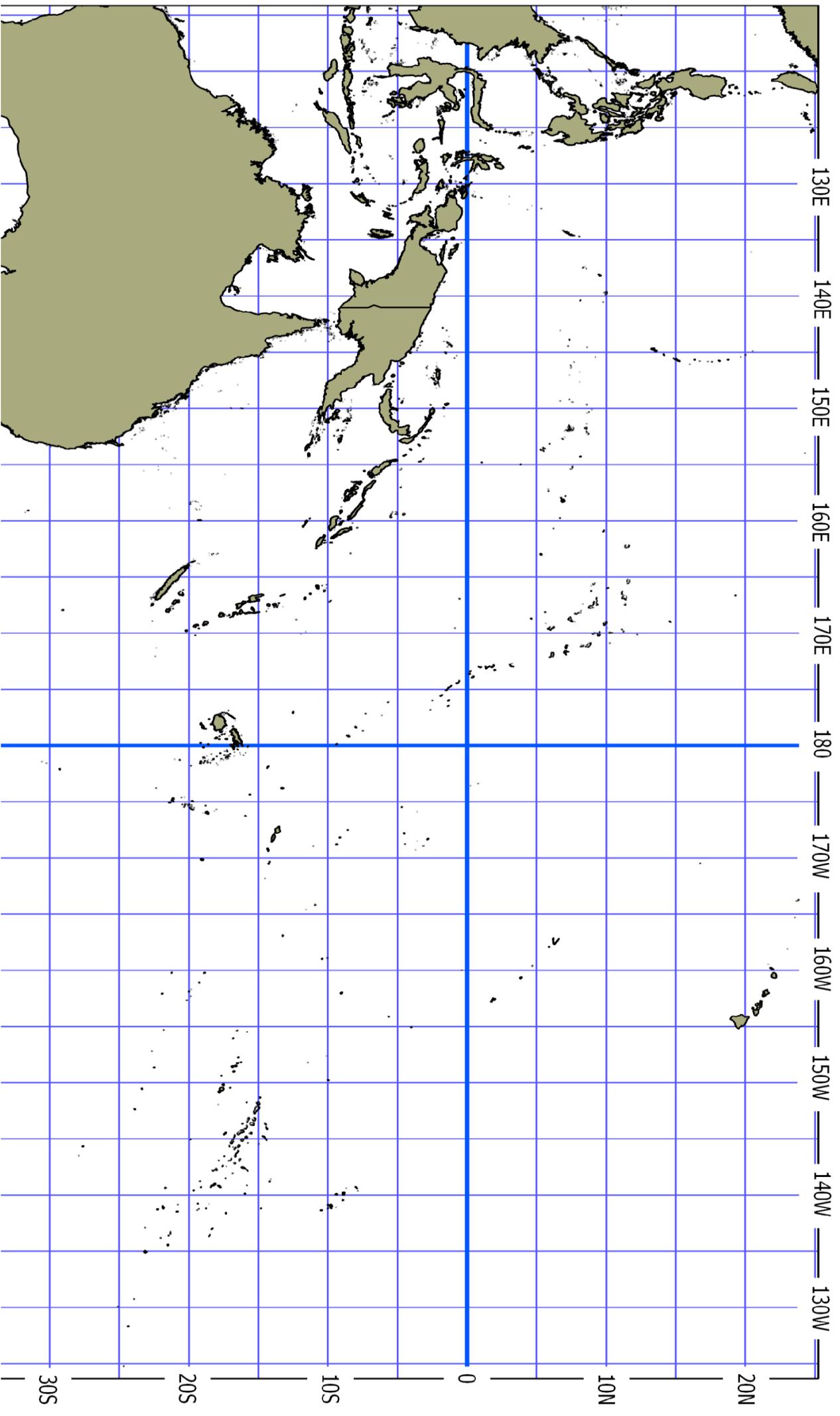


Please use this map of the Pacific Ocean with a grid of 5 squares to determine where the tagged fish has been caught (Point or area)

If you have several dates and positions corresponding to sets, plot the latitude and longitude of all the sets (make a cross where each set has been deployed). Write down the set number and the date next to the set position (cross). Draw a box which includes all the sets and record the maximum and minimum latitude and longitude on the first page.

Email: tagging@spc.int

Website: www.spc.int/tagging



Please use this map of the Pacific Ocean with a grid of 5 squares to determine where the tagged fish has been caught (Point or area)

If you have several dates and positions corresponding to sets, plot the latitude and longitude of all the sets (make a cross where each set has been deployed). Write down the set number and the date next to the set position (cross). Draw a box which includes all the sets and record the maximum and minimum latitude and longitude on the first page.

Email: tagging@spc.int

Website: www.spc.int/tagging

SPC TAG RECOVERY FORM

REVISED SPC - Nov. 2011

Caution: when the tag is removed from the fish, be sure none of it remains inside the fish.

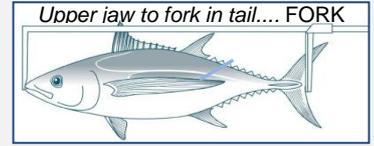
CRITICAL TAG INFORMATION

TAG NUMBER:	DATE WHEN TAG FOUND:						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">DD</td> <td style="width: 33%; text-align: center;">MM</td> <td style="width: 33%; text-align: center;">YY</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	DD	MM	YY			
DD	MM	YY					

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

FISH INFORMATION

SPECIES:	SPECIES RELIABILITY:	<input type="checkbox"/> Confirmed	<input type="checkbox"/> Gussed
<i>Upper jaw to FORK LENGTH (UF):</i> cm	NO length Information <input type="checkbox"/>	HOW MEASURED?	
	<input type="checkbox"/> Measuring tool	<input type="checkbox"/> Estimated	
	WHO MEASURED?		
<input type="checkbox"/> Port sampler		<input type="checkbox"/> Observer	<input type="checkbox"/> Other... <i>Please specify:</i>
PROCESSED STATE WHEN MEASURED:			
<input type="checkbox"/> Fresh		<input type="checkbox"/> Frozen	<input type="checkbox"/> Frozen then thawed
FISH WEIGHT	NO weight information <input type="checkbox"/>	HOW WEIGHED?	
<input type="checkbox"/> Measuring tool		<input type="checkbox"/> Estimated	
PROCESSED STATE WHEN WEIGHED:			
<input type="checkbox"/> Whole weight		<input type="checkbox"/> Gilled & gutted	<input type="checkbox"/> Other... <i>please specify:</i>



FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/>	Estimated <input type="checkbox"/>	From	to
	DD MM YY		DD MM YY	DD MM YY
POSITION	Exact <input type="checkbox"/>	Estimated <input type="checkbox"/>		
	dd mm.mmm N/S	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered		
	Latitude	dd	mm.mmm	N/S
	Longitude	ddd	mm.mmm	E/W
or DESCRIBE FISHING AREA:				

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:					
FISHING METHOD:	<input type="checkbox"/> Longline	<input type="checkbox"/> Purse seine	<input type="checkbox"/> Troll	<input type="checkbox"/> Handline	<input type="checkbox"/> Gill net	Other: _____
SCHOOL TYPE:	<input type="checkbox"/> Log	<input type="checkbox"/> Free school	<input type="checkbox"/> Anchored FAD	<input type="checkbox"/> Drifting FAD	FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tag found during set share/transhipment/unloading)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER:	to
		DD MM YY	DD MM YY
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):		TRANSHIPMENT POSITION:	
		Latitude	Longitude
		dd mm.mmm N/S	ddd mm.mmm E/W

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
COUNTRY OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Cannery/Company/Agency name):
TAG PROVIDED WITH THIS FORM	<input type="checkbox"/> Yes <input type="checkbox"/> No (tag kept by finder IF NO, specify expected reward for reward purpose) location for finder (Port/Country):
TYPE OF REWARD	<input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____
FORM COMPLETED BY:	

COMMENTS:

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt
Internal archival tag	- 250\$

SPC TAG RECOVERY FORM

REVISED SPC - Nov. 2011

Caution: when the tag is removed from the fish, be sure none of it remains inside the fish.

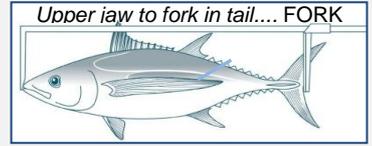
CRITICAL TAG INFORMATION

TAG NUMBER:	DATE WHEN TAG FOUND:						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">DD</td> <td style="width: 33%; text-align: center;">MM</td> <td style="width: 33%; text-align: center;">YY</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	DD	MM	YY			
DD	MM	YY					

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

FISH INFORMATION

SPECIES:	SPECIES RELIABILITY:	<input type="checkbox"/> Confirmed	<input type="checkbox"/> Gessed
<i>Upper jaw to FORK LENGTH (UF):</i>	NO length Information <input type="checkbox"/>	HOW MEASURED?	
<i>cm</i>	WHO MEASURED?	<input type="checkbox"/> Measuring tool	<input type="checkbox"/> Estimated
	<input type="checkbox"/> Port sampler	<input type="checkbox"/> Observer	<input type="checkbox"/> Other... <i>Please specify:</i>
	PROCESSED STATE WHEN MEASURED:		
	<input type="checkbox"/> Fresh	<input type="checkbox"/> Frozen	<input type="checkbox"/> Frozen then thawed
FISH WEIGHT	NO weight information <input type="checkbox"/>	HOW WEIGHED?	
<i>kg</i>	WHO WEIGHED?	<input type="checkbox"/> Measuring tool	<input type="checkbox"/> Estimated
	<input type="checkbox"/> Whole weight	<input type="checkbox"/> Gilled & gutted	<input type="checkbox"/> Other... <i>please specify:</i>



FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/>	DD	MM	YY	Estimated <input type="checkbox"/>	From	DD	MM	YY	to	DD	MM	YY	
POSITION	Exact <input type="checkbox"/>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/>	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered								
	Latitude	°	.	'	dd	mm.mmm	N / S	ddd	mm.mmm	E / W	°	.	'	
	Longitude	°	.	'	Latitude	Min	Max	°	.	'	Longitude	°	.	'
or DESCRIBE FISHING AREA:														

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:					
FISHING METHOD:	<input type="checkbox"/> Longline	<input type="checkbox"/> Purse seine	<input type="checkbox"/> Troll	<input type="checkbox"/> Handline	<input type="checkbox"/> Gill net	Other: _____
SCHOOL TYPE:	<input type="checkbox"/> Log	<input type="checkbox"/> Free school	<input type="checkbox"/> Anchored FAD	<input type="checkbox"/> Drifting FAD	FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tag found during set share/transhipment/unloading)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER:												
		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">DD</td> <td style="width: 33%; text-align: center;">MM</td> <td style="width: 33%; text-align: center;">YY</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table> to <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">DD</td> <td style="width: 33%; text-align: center;">MM</td> <td style="width: 33%; text-align: center;">YY</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	DD	MM	YY				DD	MM	YY			
DD	MM	YY												
DD	MM	YY												
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSHIPMENT POSITION:													
	Latitude	Longitude												
	dd	ddd												
	mm.mmm	mm.mmm												
	N / S	E / W												

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
COUNTRY OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Cannery/Company/Agency name):
TAG PROVIDED WITH THIS FORM	(tag kept by finder IF NO, specify expected reward for reward purpose) location for finder (Port/Country):
<input type="checkbox"/> Yes	<input type="checkbox"/> No
TYPE OF REWARD	FORM COMPLETED BY:
<input type="checkbox"/> Not given	<input type="checkbox"/> Cash - amount: _____
<input type="checkbox"/> T-shirt	<input type="checkbox"/> Cap

COMMENTS:

ARCHIVAL TAG NUMBER (If applicable):

Type of tag		Reward
Yellow tag, Orange tag or Green tag	-	10\$ or Cap or T-shirt
Internal archival tag	-	250\$

SPC TAG RECOVERY FORM

REVISED SPC - Nov. 2011

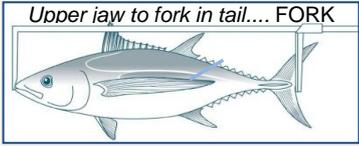
Caution: when the tag is removed from the fish, be sure none of it remains inside the fish.

CRITICAL TAG INFORMATION

TAG NUMBER:	DATE WHEN TAG FOUND:						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">DD</td> <td style="width: 33%; text-align: center;">MM</td> <td style="width: 33%; text-align: center;">YY</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	DD	MM	YY			
DD	MM	YY					

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

FISH INFORMATION

SPECIES:	SPECIES RELIABILITY: <input type="checkbox"/> Confirmed <input type="checkbox"/> Gussed		
<i>Upper jaw to FORK LENGTH (UF):</i>	NO length information <input type="checkbox"/>		HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
cm	WHO MEASURED? <input type="checkbox"/> Port sampler <input type="checkbox"/> Observer <input type="checkbox"/> Other... <i>Please specify:</i>		
PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen <input type="checkbox"/> Frozen then thawed			
FISH WEIGHT	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated	
kg	PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other... <i>please specify:</i>		

FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">DD</td><td style="width: 20px;">MM</td><td style="width: 20px;">YY</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table>	DD	MM	YY				Estimated <input type="checkbox"/> From <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">DD</td><td style="width: 20px;">MM</td><td style="width: 20px;">YY</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table> to <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">DD</td><td style="width: 20px;">MM</td><td style="width: 20px;">YY</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table>	DD	MM	YY				DD	MM	YY																									
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°	.	'	''																																							
ddd	mm.mmm	E / W																																								
or DESCRIBE FISHING AREA:																																										

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:
FISHING METHOD:	<input type="checkbox"/> Longline <input type="checkbox"/> Purse seine <input type="checkbox"/> Troll <input type="checkbox"/> Handline <input type="checkbox"/> Gill net <input type="checkbox"/> Other: _____
SCHOOL TYPE:	<input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD <input type="checkbox"/> FAD no: _____

TRANSSHIPMENT INFORMATION/ Carrier only (if tag found during set share/transhipment/unloading)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER: <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">DD</td><td style="width: 20px;">MM</td><td style="width: 20px;">YY</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table> to <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">DD</td><td style="width: 20px;">MM</td><td style="width: 20px;">YY</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table>	DD	MM	YY				DD	MM	YY											
DD	MM	YY																				
DD	MM	YY																				
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSHIPMENT POSITION: <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">dd</td><td style="width: 20px;">mm.mmm</td><td style="width: 20px;">N / S</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table> Latitude <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">°</td><td style="width: 20px;">.</td><td style="width: 20px;">'</td><td style="width: 20px;">''</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td><td></td></tr> </table> Longitude <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">ddd</td><td style="width: 20px;">mm.mmm</td><td style="width: 20px;">E / W</td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </table>		dd	mm.mmm	N / S				°	.	'	''					ddd	mm.mmm	E / W			
dd	mm.mmm	N / S																				
°	.	'	''																			
ddd	mm.mmm	E / W																				

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
COUNTRY OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Cannery/Company/Agency name):
TAG PROVIDED WITH THIS FORM	<input type="checkbox"/> Yes <input type="checkbox"/> No (tag kept by finder IF NO, specify expected reward for reward purpose) <i>location for finder (Port/Country):</i>
TYPE OF REWARD	<input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____ FORM COMPLETED BY:

COMMENTS:

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	-	Reward
Yellow tag, Orange tag or Green tag	-	10\$ or Cap or T-shirt
Internal archival tag	-	250\$

SPC TAG RECOVERY FORM

REVISED SPC - Nov. 2011

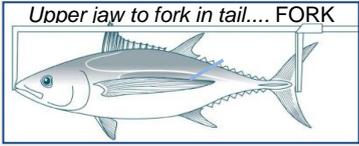
Caution: when the tag is removed from the fish, be sure none of it remains inside the fish.

CRITICAL TAG INFORMATION

TAG NUMBER:	DATE WHEN TAG FOUND: <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table>	DD	MM	YY
DD	MM	YY		

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

FISH INFORMATION

SPECIES:	SPECIES RELIABILITY: <input type="checkbox"/> Confirmed <input type="checkbox"/> Gussed	
Upper jaw to FORK LENGTH (UF):	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated	
cm	WHO MEASURED? <input type="checkbox"/> Port sampler <input type="checkbox"/> Observer <input type="checkbox"/> Other... <i>Please specify:</i>	
PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen <input type="checkbox"/> Frozen then thawed		
FISH WEIGHT	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated	
kg	PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other... <i>please specify:</i>	

FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/> <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table>	DD	MM	YY	Estimated <input type="checkbox"/> From <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table> to <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table>	DD	MM	YY	DD	MM	YY
DD	MM	YY									
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POSITION	Exact <input type="checkbox"/> <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">dd</td> <td style="border: 1px solid black; width: 20px; text-align: center;">mm.mmm</td> <td style="border: 1px solid black; width: 20px; text-align: center;">N / S</td> </tr> </table>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/> Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered						
dd	mm.mmm	N / S									
Latitude	<table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">°</td> <td style="border: 1px solid black; width: 20px; text-align: center;">.</td> <td style="border: 1px solid black; width: 20px; text-align: center;">'</td> <td style="border: 1px solid black; width: 20px; text-align: center;">"</td> </tr> </table>	°	.	'	"	Latitude	<table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">°</td> <td style="border: 1px solid black; width: 20px; text-align: center;">.</td> <td style="border: 1px solid black; width: 20px; text-align: center;">'</td> <td style="border: 1px solid black; width: 20px; text-align: center;">"</td> </tr> </table>	°	.	'	"
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Longitude	<table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">ddd</td> <td style="border: 1px solid black; width: 20px; text-align: center;">mm.mmm</td> <td style="border: 1px solid black; width: 20px; text-align: center;">E / W</td> </tr> </table>	ddd	mm.mmm	E / W	Longitude	<table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">ddd</td> <td style="border: 1px solid black; width: 20px; text-align: center;">mm.mmm</td> <td style="border: 1px solid black; width: 20px; text-align: center;">E / W</td> </tr> </table>	ddd	mm.mmm	E / W		
ddd	mm.mmm	E / W									
ddd	mm.mmm	E / W									
or DESCRIBE FISHING AREA:											

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:
FISHING METHOD:	<input type="checkbox"/> Longline <input type="checkbox"/> Purse seine <input type="checkbox"/> Troll <input type="checkbox"/> Handline <input type="checkbox"/> Gill net Other: _____
SCHOOL TYPE:	<input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD FAD no: _____

TRANSSHIPMENT INFORMATION/ Carrier only (if tag found during set share/transhipment/unloading)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER: <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table> to <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">DD</td> <td style="border: 1px solid black; width: 20px; text-align: center;">MM</td> <td style="border: 1px solid black; width: 20px; text-align: center;">YY</td> </tr> </table>	DD	MM	YY	DD	MM	YY
DD	MM	YY						
DD	MM	YY						
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSSHIPMENT POSITION:	Latitude <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">dd</td> <td style="border: 1px solid black; width: 20px; text-align: center;">mm.mmm</td> <td style="border: 1px solid black; width: 20px; text-align: center;">N / S</td> </tr> </table> Longitude <table style="display: inline-table; border: none; vertical-align: middle;"> <tr> <td style="border: 1px solid black; width: 20px; text-align: center;">ddd</td> <td style="border: 1px solid black; width: 20px; text-align: center;">mm.mmm</td> <td style="border: 1px solid black; width: 20px; text-align: center;">E / W</td> </tr> </table>	dd	mm.mmm	N / S	ddd	mm.mmm	E / W
dd	mm.mmm	N / S						
ddd	mm.mmm	E / W						

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
COUNTRY OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Cannery/Company/Agency name):
TAG PROVIDED WITH THIS FORM	<input type="checkbox"/> Yes <input type="checkbox"/> No (tag kept by finder IF NO, specify expected reward for reward purpose) location for finder (Port/Country):
TYPE OF REWARD	<input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____ FORM COMPLETED BY:

COMMENTS:

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	-	Reward
Yellow tag, Orange tag or Green tag	-	10\$ or Cap or T-shirt
Internal archival tag	-	250\$

SPC MULTIPLE TAG RECOVERY FORM

MULTIPLE TAGGED FISH FOUND THE SAME DAY, COMING FROM THE SAME SET or THE SAME WELL

REVISED SPC - Nov 2011

DATE WHEN TAG FOUND:	DD	MM	YY

"When the tag is removed from the fish, be sure none of it remains inside the fish"

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
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FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/>	DD	MM	YY	Estimated <input type="checkbox"/>	From	DD	MM	YY	to	DD	MM	YY
POSITION	Exact <input type="checkbox"/>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/>	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered							
	Latitude	°	'			dd	mm.mmm	N / S	ddd	mm.mmm	E / W		
	Longitude	ddd	mm.mmm	E / W		Latitude Min	°	'		Longitude	°	'	
or DESCRIBE FISHING AREA:													

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:
FISHING METHOD: <input type="checkbox"/> Longline <input type="checkbox"/> Purse seine <input type="checkbox"/> Troll <input type="checkbox"/> Handline <input type="checkbox"/> Gill net Other: _____	
SCHOOL TYPE: <input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tags found during set share/transshipment/unloading/)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER:	DD	MM	YY	to	DD	MM	YY
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSSHIPMENT POSITION:	Latitude	dd	mm.mmm	N / S	Longitude	ddd	mm.mmm	E / W

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
PORT OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Fishing Company/Agency name):
ALL TAGS PROVIDED WITH THIS FORM <input type="checkbox"/> Yes <input type="checkbox"/> No (tags kept by finder for reward purpose)	IF NO, specify expected reward location for finder (Port/Country):
TYPE OF REWARD <input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____	FORM COMPLETED BY:

Attach the tags here

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt
Internal archival tag	- 250\$

SPC MULTIPLE TAG RECOVERY FORM

MULTIPLE TAGGED FISH FOUND THE SAME DAY, COMING FROM THE SAME SET or THE SAME WELL

REVISED SPC - Nov 2011

DATE WHEN TAG FOUND:	DD	MM	YY

"When the tag is removed from the fish, be sure none of it remains inside the fish"

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
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		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/>	DD	MM	YY	Estimated <input type="checkbox"/>	From	DD	MM	YY	to	DD	MM	YY
POSITION	Exact <input type="checkbox"/>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/>	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered							
	Latitude	°	'			dd	mm.mmm	N / S	ddd	mm.mmm	E / W		
	Longitude	ddd	mm.mmm	E / W		Latitude Min	°	'		Longitude	°	'	
or DESCRIBE FISHING AREA:													

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:
FISHING METHOD: <input type="checkbox"/> Longline <input type="checkbox"/> Purse seine <input type="checkbox"/> Troll <input type="checkbox"/> Handline <input type="checkbox"/> Gill net Other: _____	
SCHOOL TYPE: <input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tags found during set share/transshipment/unloading/)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER:	DD	MM	YY	to	DD	MM	YY
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSSHIPMENT POSITION:	Latitude	dd	mm.mmm	N / S	Longitude	ddd	mm.mmm	E / W

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
PORT OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Fishing Company/Agency name):
ALL TAGS PROVIDED WITH THIS FORM <input type="checkbox"/> Yes <input type="checkbox"/> No (tags kept by finder for reward purpose)	IF NO, specify expected reward location for finder (Port/Country):
TYPE OF REWARD <input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____	FORM COMPLETED BY:

Attach the tags here

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt
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SPC MULTIPLE TAG RECOVERY FORM

MULTIPLE TAGGED FISH FOUND THE SAME DAY, COMING FROM THE SAME SET or THE SAME WELL

REVISED SPC - Nov 2011

DATE WHEN TAG FOUND:	DD	MM	YY

"When the tag is removed from the fish, be sure none of it remains inside the fish"

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <i>Kg</i>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <i>Kg</i>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <i>Kg</i>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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FORK LENGTH <i>cm</i>	NO length Information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <i>Kg</i>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

DATE	Exact <input type="checkbox"/>	DD	MM	YY	Estimated <input type="checkbox"/>	From	DD	MM	YY	to	DD	MM	YY
POSITION	Exact <input type="checkbox"/>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/>	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered							
	Latitude	°	'			dd	mm.mmm	N / S	ddd	mm.mmm	E / W		
	Longitude	ddd	mm.mmm	E / W		Latitude Min	°	'		Longitude	°	'	
or DESCRIBE FISHING AREA:													

FISHERY INFORMATION (Catcher / Fishing vessel that caught the tagged fish)

VESSEL NAME:	FLAG:
FISHING METHOD: <input type="checkbox"/> Longline <input type="checkbox"/> Purse seine <input type="checkbox"/> Troll <input type="checkbox"/> Handline <input type="checkbox"/> Gill net Other: _____	
SCHOOL TYPE: <input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tags found during set share/transshipment/unloading/)

NAME OF CARRIER:	FLAG:	DATE OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER:	DD	MM	YY	to	DD	MM	YY
LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSSHIPMENT POSITION:	Latitude	dd	mm.mmm	N / S	Longitude	ddd	mm.mmm	E / W

FINDER INFORMATION / finder details for lottery

FINDER NAME:	FINDER ADDRESS:
PORT OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Fishing Company/Agency name):
ALL TAGS PROVIDED WITH THIS FORM <input type="checkbox"/> Yes <input type="checkbox"/> No (tags kept by finder for reward purpose)	IF NO, specify expected reward location for finder (Port/Country):
TYPE OF REWARD <input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____	FORM COMPLETED BY:

Attach the tags here

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt
Internal archival tag	- 250\$

SPC MULTIPLE TAG RECOVERY FORM

MULTIPLE TAGGED FISH FOUND THE SAME DAY, COMING FROM THE SAME SET or THE SAME WELL

REVISED SPC - Nov 2011

DATE WHEN TAG FOUND:	DD	MM	YY

"When the tag is removed from the fish, be sure none of it remains inside the fish"

WHERE FOUND:	<input type="checkbox"/> Fishing vessel	<input type="checkbox"/> Reefer / Transfer / Carrier	<input type="checkbox"/> Port Fish market	<input type="checkbox"/> Cold storage
ACTIVITY WHEN FOUND:	<input type="checkbox"/> Fishing	<input type="checkbox"/> Transfer / Transhipment	<input type="checkbox"/> Unloading at port	WELL NUMBER WHERE FISH FOUND: (If Applicable)

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
		PROCESSED STATE WHEN WEIGHED: <input type="checkbox"/> Whole weight <input type="checkbox"/> Gilled & gutted <input type="checkbox"/> Other....

TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
FISH WEIGHT <small>Kg</small>	NO weight information <input type="checkbox"/>	HOW WEIGHED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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		PROCESSED STATE WHEN MEASURED: <input type="checkbox"/> Fresh <input type="checkbox"/> Frozen
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TAG NUMBER:	SPECIES: <input type="checkbox"/> SKJ <input type="checkbox"/> BET <input type="checkbox"/> YFT <input type="checkbox"/> Other please specify:	IDENTIFICATION: <input type="checkbox"/> Confirmed <input type="checkbox"/> Guessed
FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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FORK LENGTH <small>cm</small>	NO length information <input type="checkbox"/>	HOW MEASURED? <input type="checkbox"/> Measuring tool <input type="checkbox"/> Estimated
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FISH CATCH INFORMATION / Date and position when fish was caught by the fishing vessel

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POSITION	Exact <input type="checkbox"/>	dd	mm.mmm	N / S	Estimated <input type="checkbox"/>	Record 2 lines of latitude and 2 of longitude to form box in which tag was likely recovered							
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SCHOOL TYPE: <input type="checkbox"/> Log <input type="checkbox"/> Free school <input type="checkbox"/> Anchored FAD <input type="checkbox"/> Drifting FAD FAD no: _____	

TRANSSHIPMENT INFORMATION/ Carrier only (if tags found during set share/transshipment/unloading/)

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LOCATION OF TRANSSHIPMENT FROM FISHING VESSEL TO CARRIER (EEZ/Port):	TRANSHIPMENT POSITION:	Latitude	dd	mm.mmm	N / S	Longitude	ddd	mm.mmm	E / W

FINDER INFORMATION / finder details for lottery

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PORT OF RECOVERY:	RECOVERY INFORMATION RECEIVED AT (Fishing Company/Agency name):
ALL TAGS PROVIDED WITH THIS FORM <input type="checkbox"/> Yes <input type="checkbox"/> No (tags kept by finder for reward purpose)	IF NO, specify expected reward location for finder (Port/Country):
TYPE OF REWARD <input type="checkbox"/> Not given <input type="checkbox"/> T-shirt <input type="checkbox"/> Cap <input type="checkbox"/> Cash - amount: _____	FORM COMPLETED BY:

Attach the tags here

ARCHIVAL TAG NUMBER (If applicable):

Type of tag	Reward
Yellow tag, Orange tag or Green tag	- 10\$ or Cap or T-shirt
Internal archival tag	- 250\$

SPC/FFA REGIONAL OBSERVER

LONGLINE OBSERVER TRIP REPORT

OBSERVER NAME	OBSERVER PROGRAMME	OBSERVER TRIP ID NUMBER	VESSEL NAME
PORT OF DEPARTURE	DATE OF DEPARTURE	PORT OF ARRIVAL	DATE OF ARRIVAL



SPC / FFA MARCH 2014

2.2 End of trip

Describe the return port, noting the date and time of arrival. Describe returning transit arrangements with other vessels, if any. Include dates and times of transfers. Describe how long it took to return to the port after fishing. Discuss any periods (and the reason why) that no fishing took place during the trip.

If trip was incomplete (observer dropped off before vessel returned for complete unloading) explain why. Were you offered assistance from observer programme staff to disembark the vessel or other persons?

3.0 DATA COLLECTED

The SPC/FFA Regional Longline Observer data collection forms were used during the trip. Complete the Workbook Reference Form in the workbook to show how many of each forms were used during the trip.

If any type of regional standard forms were not filled in explain the reasons the data was not collected here.

3.1 Other data collected

Mention any other forms that were used and what data was collected on them.

5.4.2 Branchlines

If unable to fill in any branchline data fields note the reason why here. Is there any new and interesting information about the branchlines ? Describe a complete branchline, including average length, diameter and/or strength and each type of material used to make up the branchline. Were wire traces included on all branchlines? How were the branchlines attached to the mainline? Draw a branchline, showing the lengths and the names of each of the pieces of the branchline. Did the average length of the branchlines change at any point during the trip? If any shark lines were used describe the make up and length of these lines: how they were attached to the mainline and the average number used during each set. Explain any aspects of branchline information data collection that were difficult to understand.

5.4.3 Float lines

Is there any interesting information about the float lines ? Describe the average length and type of material used to make up the float line. Did the length of the float lines change during trip?

5.4.4 Branchline weights

Were there any branchline weights added to the end of the branchline. If so describe the type of branchline weight that was used (safe lead, lumo lead, weighted swivel or others).

6.1 Fishery information services

Report on the type or types of information that are being accessed by the vessel - e.g.: phytoplankton, sea-surface temperature or sea-height and the types of equipment used to collect this information.

Note the name of websites that are being accessed. Was the information printed out and provided to the vessel prior to departure to sea? Give reasons if any of the relevant data fields on LL-1 could not be answered and note if aspects of these information services were not understood by the observer.

6.2 Oceanic features

Did the presence of seamounts, trench current lines, or other natural features influence fishing strategy?

6.3 Setting and hauling information

Describe the general start of set time and its duration, also the general start of haul time and its duration. Describe if there were any major problems encountered during setting or hauling.

Note average number of hooks used in a basket and if this number changed significantly during the trip. Explain why, if it was not possible to fill any of the hook / basket, line setting speed data fields on the LL-2/3.

The easiest way to use these is to keep adding to it every day, instead of trying to do it at end of trip. Keeping the worksheets updated on a daily basis should make it easier.

Appendix 2. tables have separate columns for each of the common fate codes in each species group. Other columns are left blank for the observer to enter in any other fate code used.

The tables are designed to have the most important information to the left, but when filling in the tables the observers will find it easier to calculate for the columns towards the right first then calculate back to get numbers discarded, retained and total caught for each species.

Add up the number of each fish measured (most of them hopefully) to fill in the “No. of lengths” column.

At the end of the trip the worksheets will not be part of the report but should be handed in with all your other data nevertheless. However, the appendices will be part of your report and information from them used to help you write sections in the report particularly the “Trip Summary” and “Catch” sections.

Appendix 1. – Trip and Set Summaries

Trip summary table

		<u>Minimum</u>	<u>Maximum</u>	<u>Average</u>
No. of observer days: _____	No. of hooks per set: _____	_____	_____	_____
	Hooks per basket: _____	_____	_____	_____
No. of sets: _____	Distance between branchlines: _____	_____	_____	_____
	Length of floatlines: _____	_____	_____	_____
Average time	Vessel setting speed: _____	_____	_____	_____
for setting: _____	Line setting speed: _____	_____	_____	_____
for hauling: _____	Branchline set interval: _____	_____	_____	_____

Set summary table (time = hrs to one decimal place; distance in meters)

Set No.	Hours to set	Hours to haul	Total hooks	Hooks per basket	Distance between branchlines	Length of floatlines	Vessel setting speed	Line setting speed	Branch-line set interval
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Total									
Average									

Optional Appendix 2 . - Catch statistics and catch fate

								<u>(fate code)</u>				<u>(fate code)</u>		<u>(fate code)</u>	
Tuna						RGG	RWW	RHG		DUS	DSD	DWD	DGD		
Species	Total caught	No. retained (kept)	No. of discards	% discards	No. of lengths	Retained gilled and gutted	Retained whole	Retained headed and gutted	(fate)	Discarded uneconom-ic species	Discarded shark damaged	Discarded whale damaged	Discarded gear damaged	(fate)	(fate)
YFT															
BET															
ALB															
SKJ															
Total:															

								<u>(fate code)</u>				<u>(fate code)</u>		<u>(fate code)</u>	
Billfish						RGG	<u>RPT</u>	RHG		DUS	DSD	DWD	DGD		
Species	Total caught	No. retained (kept)	No. of discards	% discards	No. of lengths	Retained gilled and gutted	Retained partial (eg: fillet, loin, trunk)	Retained headed and gutted	(fate)	Discarded uneconom-ic species	Discarded shark damaged	Discarded whale damaged	Discarded gear damaged	(fate)	(fate)
SWO															
MLS															
BLZ															
BLM															
SFA															
SSP															
Total:															

						<u>(fate code)</u>				<u>(fate code)</u>		<u>(fate code)</u>			
Sharks						RFR	DFR	DUS	DTS		RFR	DFR	DUS	DTS	
Species	Total caught	Retained both fins and trunk	Discarded trunk but fins kept	Discarded uneconom-ic species	Discarded too small	(fate)	No. of lengths	Species	Total caught	Retained both fins and trunk	Discarded trunk but fins kept	Discarded uneconom-ic species	Discarded too small	(fate)	No. of lengths
BSH															
OCS															
FAL															
								Total:							

OBSERVERS' GUIDE TO BEAUFORT SCALE, WIND AND SEA STATE (a rough guide for the open sea)

Beaufort number	Descriptive term	Open sea criterion	Mean wind speed (kts)	Likely wave height (m)	Observers' sea state code
0	Calm	Sea like a mirror	less than 1		C (calm)
1	Light air	Ripples with the appearance of scales are formed but without foam crests	1-3	0.1	
2	Light breeze	Small wavelets, still short but more pronounced; crests have a glassy appearance and do not break	4-6	0.2	S (slight)
3	Gentle breeze	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses	7-10	0.6	
4	Moderate breeze	Small waves, becoming longer; fairly frequent white horses	11-16	1	M (moderate)
5	Fresh breeze	Moderate waves, taking a more pronounced long form; many white horses are formed (chance of some spray)	17-21	2	
6	Strong breeze	Large waves begin to form; the white foam crests are more extensive everywhere (probably some spray)	22-27	3	R (rough)
7	Near gale	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind	28-33	4	
8	Gale	Moderately high waves of greater length; edges of crests begin to break into spindrift; the foam is blown in well marked streaks along the direction of the wind	34-40	5.5	V (very rough)
9	Strong gale	High seas; crests begin to topple and tumble; spray	41-47	7	
10	Storm	Very high waves; surface of sea white; visibility affected	48-55	9	Time to be concerned ! Our condolences !
11	Violent storm	Exceptionally high waves (hiding small to medium ships)	56-63	11.5	
12	Hurricane	Air filled with foam and driving spray; visibility minimal	more than 64	14	