



Food and Agriculture  
Organization of the  
United Nations



Indian Ocean Tuna Commission  
Commission des Thons de l'Océan Indien

# Data Gathering Processes

## Onboard Tuna Purse-seiners

### IOTC ROS Standard Minimum

### Data Collection Fields



***IOTC ROS SFO TR 18.3***

Category: Purse-seine onboard data collection and recording

[IOTC ROS TR18]



CapMarine  
Capricorn Marine Environmental



Food and Agriculture  
Organization of the  
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Indian Ocean Tuna Commission  
Commission des Thons de l'Océan Indien

**This training module aims to familiarize Observers with the data gathering processes and IOTC ROS Standard Minimum Data Collection Fields.**

**Agreed IOTC ROS Observer competency standards on this training requirement includes:**

- ✓ **Candidate is aware of IOTC ROS Standard Minimum Data Collection Fields and onboard data gathering processes.**

**The achieving of these standards is demonstrated by candidate capacity to:**

- ✓ **Gather the data and information needed to complete each data collection form and understand the importance to collect and report mandatory data fields.**



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# IOTC ROS Data Collection Fields & Reporting Definitions

**DFs MANDATORY  
FOR REPORTING  
(MR)**

Data fields that are always to be collected and reported by the CPC National Observer Programme to the IOTC Secretariat.

**DFs MANDATORY  
FOR REPORTING  
WHEN COLLECTED  
(MR-WC)**

Data fields that are to be reported to the IOTC Secretariat when collected by the CPC National Observer Programme.

**DFs OPTIONAL  
FOR REPORTING  
(OR).**

Data fields that should ideally be collected by CPCs National Observer Programmes, based on best practice as agreed by the IOTC, but do not need to be reported to the IOTC Secretariat.





## Data Field Classification

**MANDATORY  
FOR REPORTING**

*Highlighted in  
grey*

**MANDATORY  
FOR REPORTING  
WHEN  
COLLECTED**

*Highlighted in  
grey*

**OPTIONAL FOR  
REPORTING  
(OR).**

*In white*

## Visual Translation of Data Fields Classification on Paper Forms

  <b>IOTC REGIONAL OBSERVER SCHEME</b>		<b>FORM 1-PS</b> (pg. 1)	
<b>VESSEL AND TRIP INFORMATION SHEET</b>			
<small>Revised February 2022</small>			
OBSERVER INFORMATION			
Observer identification			
Observer trip number <input type="text"/>	1. Observer IOTC registration number <input type="text"/>		
2. Observer full name <input type="text"/>	3. Observer nationality <input type="text"/>		
Observer trip details collect all dates and times in Coordinated Universal Time (UTC)			
4. Location of embarkation (country and port or at-sea) COUNTRY      PORT (name)      AT SEA (✓) <input type="text"/> <input type="text"/> <input type="checkbox"/>		6. Location of disembarkation (country and port or at-sea) COUNTRY      PORT (name)      AT SEA (✓) <input type="text"/> <input type="text"/> <input type="checkbox"/>	
Position of embarkation (dd° mm' ss'') specify quadrant (circle) LATITUDE      LONGITUDE <input type="text"/> S      N <input type="text"/> E      W		Position of disembarkation (dd° mm' ss'') specify quadrant (circle) LATITUDE      LONGITUDE <input type="text"/> S      N <input type="text"/> E      W	
5. Date / time of embarkation (UTC) DD      MM      YYYY      hh      mm <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		7. Date / time of disembarkation (UTC) DD      MM      YYYY      hh      mm <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
VESSEL INFORMATION			
Vessel identification			
8. Vessel name <input type="text"/>	9. Vessel flag/chartering state <input type="text"/>	10. Vessel IOTC number <input type="text"/>	
11. Vessel IMO or Lloyds number <input type="text"/>	12. International radio call (IRCS) <input type="text"/>	13. Vessel port/country of registration <input type="text"/>	
14. Vessel registration number <input type="text"/>	15. Vessel phone(s) <input type="text"/>	16. Vessel fax(es) <input type="text"/>	
17. Vessel email(s) <input type="text"/>	18. Licensed target species (FAO codes) <input type="text"/>	19. Main fishing gear <input type="text"/>	
Tuna Purse-seine (TPS)			
Vessel owner and personnel			
<u>Registered owner</u> 20. Full name      21. Nationality <input type="text"/> <input type="text"/>		<u>Charter operator</u> 23. Full name      24. Nationality <input type="text"/> <input type="text"/>	
22. Contact details <input type="text"/>		25. Contact details <input type="text"/>	
<u>Fishing master</u> 26. Full name      27. Nationality <input type="text"/> <input type="text"/>		<u>Skipper (Captain)</u> 28. Full name      29. Nationality <input type="text"/> <input type="text"/>	
		30. Crew n° <input type="text"/>	





## Data Field Classification

## Visual Translation of Data Fields Classification on Excel Forms

**MANDATORY FOR REPORTING (MR)**  
*Highlighted in light blue*

**MANDATORY FOR REPORTING WHEN COLLECTED**  
*Highlighted in green*

**OPTIONAL FOR REPORTING (OR)**  
*In white*

ROS\_reportin

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**IOTC REGIONAL OBSERVER SCHEME** **FORM 1-LL**  
**VESSEL AND TRIP INFORMATION SHEET**

**Observer information**

**Observer identification**

1. Observer IOTC registration number  Observed trip number  2. Observer full name  3. Observer nationality

**Observer trip details**

4. Location of embarkation

In port embarkation: Country  Port

At sea embarkation: Latitude dd mm ss N-S Longitude dd mm ss E-W

6. Location of disembarkation

In port disembarkation: Country  Port

At sea disembarkation: Latitude dd mm ss N-S Longitude dd mm ss E-W

5. Date / time of embarkation (UTC) DD MM YYYY hh mm

7. Date / time of disembarkation (UTC) DD MM YYYY hh mm

**Vessel information**

**Vessel identification**

8. Vessel name  9. Vessel flag / chartering state  10. Vessel IOTC number  11. Vessel IMO or Lloyds number

12. International radio call (IRCS)  13. Vessel port of registration  Vessel country of registration  14. Vessel registration number

15. Vessel phone(s)  16. Vessel fax(es)

17. Vessel e-mail(s)

18. Licensed target species (FAO codes)

19. Main fishing gear

Vessel owner and personnel

References 1-LL 2-LL 3-LL 4-LL 5-LL 6-LL 7-LL T0 - Species (ALL) T1 - Species (IOTC) T2 - Species (ot)



# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 1-PS** requires Observers to collect information on:

- **Vessel identification** (*name, flag, IOTC, IMO, IRCS and registration numbers, port of registration, fishing licences and contact details*);
- **Vessel owner and personnel** (*names, contact details, etc.*);
- **Vessel attributes** (*GT, LOA, material, fish storage type & capacity, etc.*); and
- **Vessel electronics.**

**These information can be gathered onboard via the:**

- ✓ Inspection of vessel records and certificates
- ✓ Interview of crew and officers
- ✓ Inspection of vessel electronics





 		<b>IOTC REGIONAL OBSERVER SCHEME</b>		<b>FORM 1-PS (pg. 1)</b>	
<b>VESEL AND TRIP INFORMATION SHEET</b>					
<small>Revised September 2020</small>					
OBSERVER INFORMATION					
Observer identification					
1. Observer IOTC registration number			Observer trip number		
<input type="text"/>			<input type="text"/>		
2. Observer full name			3. Observer nationality		
<input type="text"/>			<input type="text"/>		
Observer trip details <small>collect all dates and times in Coordinated Universal Time (UTC)</small>					
4. Location of embarkation (country and port or at-sea)			6. Location of disembarkation (country and port or at-sea)		
COUNTRY		PORT (name)	COUNTRY		PORT (name)
<input type="text"/>		<input type="text"/>	<input type="text"/>		<input type="text"/>
		AT SEA (√)			AT SEA (√)
		<input type="checkbox"/>			<input type="checkbox"/>
Position of embarkation (dd° mm' ss") specify quadrant (circle)					
LATITUDE		LONGITUDE		LATITUDE	
<input type="text"/>	S N	<input type="text"/>	E W	<input type="text"/>	S N
<input type="text"/>		<input type="text"/>		<input type="text"/>	
5. Date / time of embarkation (UTC)			7. Date / time of disembarkation (UTC)		
DD	MM	YYYY	hh	mm	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
VESSEL INFORMATION					
Vessel identification					
8. Vessel name		9. Vessel flag/chartering state		10. Vessel IOTC number	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
11. Vessel IMO or Lloyds number		12. International radio call (IRCS)		13. Vessel port/country of registration	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
14. Vessel registration number		15. Vessel phone(s)		16. Vessel fax(es)	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
17. Vessel email(s)		18. Licensed target species (FAO codes)		19. Main fishing gear	
<input type="text"/>		<input type="text"/>		Tuna purse seine (TPS)	
Vessel owner and personnel					
Registered owner			Charter operator		
20. Full name		21. Nationality	23. Full name		24. Nationality
<input type="text"/>		<input type="text"/>	<input type="text"/>		<input type="text"/>
22. Contact details			25. Contact details		
<input type="text"/>			<input type="text"/>		
Fishing master			Skipper (Captain)		
26. Full name		27. Nationality	28. Full name		29. Nationality
<input type="text"/>		<input type="text"/>	<input type="text"/>		<input type="text"/>
					30. Crew n°
					<input type="text"/>

Recording from vessel electronics

Inspection off vessel records and certificates

Recording from observer electronics (UTC date & time)



**Vessel trip details**

31. Port of departure (country and port or at-sea)

COUNTRY	PORT (name)	AT SEA (✓)
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Position of embarkation (dd° mm' ss") specify quadrant (circle)

LATITUDE		LONGITUDE	
<input type="text"/>	S N	<input type="text"/>	E W

32. Date / time vessel sailed (use UTC)

DD	MM	YYYY	hh	mm
<input type="text"/>				

33. Port of return (country and port or at-sea)

COUNTRY	PORT (name)	AT SEA (✓)
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Position of disembarkation (dd° mm' ss") specify quadrant (circle)

LATITUDE		LONGITUDE	
<input type="text"/>	S N	<input type="text"/>	E W

34. Date / time vessel returned to port (use UTC)

DD	MM	YYYY	hh	mm
<input type="text"/>				

**Vessel attributes**

35. Tonnage (circle correct units)

<input type="text"/>	GT	GRT
----------------------	----	-----

36. Length overall (circle correct units)

<input type="text"/>	m	feet
----------------------	---	------

37. Hull material (circle correct code)

ALU	FRP	OTH	STE	WOO
-----	-----	-----	-----	-----

38a. Main engines #1 (circle correct units)

Main engine make	Main engine power value
<input type="text"/>	<input type="text"/> HP BHP KW

38b. Main engines #2 (circle correct units)

Main engine make	Main engine power value
<input type="text"/>	<input type="text"/> HP BHP KW

39. Fish storage capacity (circle correct units)

<input type="text"/>	mT	m³
----------------------	----	----

40. Fish preservation methods (circle preservation methods used on-board)

CWS	DF	FR	SM	DR	IC	NO	BR	RW	ST
-----	----	----	----	----	----	----	----	----	----

41. Fish storage type (circle storage types used on-board)

Blast freezer (BF)	Refrigeration chamber (RC)	Well (WL)
--------------------	----------------------------	-----------

42. Vessel autonomy / range (circle correct units)

<input type="text"/>	days	nautical miles
----------------------	------	----------------

**Vessel electronics** circle the correct answer

43. GPS

YES	NO
-----	----

44. VMS

YES	NO
-----	----

45. Radars

YES	NO
-----	----

46. Track plotter

YES	NO
-----	----

47. Depth sounder

YES	NO
-----	----

48. Sonar

YES	NO
-----	----

49. Doppler current meter

YES	NO
-----	----

50. Expendable bathythermographs

YES	NO
-----	----

51. VHF radios

YES	NO
-----	----

52. HF radios

YES	NO
-----	----

53. Satellite com. system

YES	NO
-----	----

54. SST gauge

YES	NO
-----	----

55. Weather facsimile

YES	NO
-----	----

56. FIS

YES	NO
-----	----

57. AIS

YES	NO
-----	----

**WASTE MANAGEMENT (MARPOL AGREEMENT, ANNEX 5) fill in at the end of the trip**

58. WASTE CATEGORY

- Cardboard and paper
- Kitchen waste
- Metal and glass
- Non-biodegradable fishing gear
- Oil and fuels
- Other
- Plastic

59. STORAGE / DISPOSAL METHOD note "Y" or "N" to indicate how waste is stored/disposed of

	At sea	Incinerated	Land disposal	Other (detail)	Retained	Unknown
Cardboard and paper						
Kitchen waste						
Metal and glass						
Non-biodegradable fishing gear						
Oil and fuels						
Other						
Plastic						

**OBSERVED TRIP SUMMARY** [fill in at the end of the trip] [collect all dates and times in Coordinated Universal Time (UTC)]

60. Number of sets conducted with observer onboard

<input type="text"/>
----------------------

61. Number of sets observed

<input type="text"/>
----------------------

62. Number of days searching

<input type="text"/>
----------------------

63. No. active fishing days

<input type="text"/>
----------------------

64. Number of days lost

<input type="text"/>
----------------------

65. Reason for days lost (circle)

AWC	MBG	GEL	OTH
-----	-----	-----	-----

66. No. days in fishing area

<input type="text"/>
----------------------

67. No. of days transiting

<input type="text"/>
----------------------



Recording from vessel and observer electronics

Recording from vessel electronics

Inspection of vessel records and certificates

Professional observation and estimates

Interview of crew and officers



# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 2-PS** requires Observers to collect data on gear:

- **Special equipment or machinery** (*power block, purse winch*).
- **General gear attributes** (*maximum length and depth of the net, stretched mesh sizes, brail capacity, skiff power*).

**These information can be gathered via the:**

- ✓ Inspection off vessel gear documentation
- ✓ Interview of crew and officers
- ✓ Professional observation and estimate





Professional observation and estimate

Inspection of vessel gear documentation  
Interview of crew and officers

IOTC REGIONAL OBSERVER SCHEME PURSE-SEINE GEAR SPECIFICATIONS		FORM 2-PS
Revised September 2022		
Observer full name	Observer trip number	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
<b>Special equipment or machinery</b> circle either "YES" or the "NO" to indicate presence or absence of a device on-board.		
1. Power block	2. Purse winch	
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>General gear attributes</b> circle units used		
3. Maximum length of the net	4. Maximum depth of the net	5. Bunt stretched mesh size
<input style="width: 80%;" type="text"/> m <input style="width: 10%;" type="text"/> feet	<input style="width: 80%;" type="text"/> m <input style="width: 10%;" type="text"/> feet	<input style="width: 80%;" type="text"/> mm <input style="width: 10%;" type="text"/> cm
6. Mid-net stretched mesh size	7. Maximum brail capacity	8. Skiff power
<input style="width: 80%;" type="text"/> mm <input style="width: 10%;" type="text"/> cm	<input style="width: 80%;" type="text"/> tons	<input type="checkbox"/> HP <input type="checkbox"/> KW <input type="checkbox"/> BHP
Revised September 2022		
Notes on FORM 2-PS		
IOTC ROS minimum standard data-fields are highlighted in this form in light grey. These are to be collected and reported to the IOTC.		
1. <b>POWER BLOCK:</b> A powerful hydraulic power block attached to the end of a boom used to haul the net back and restack ready for the next set. Indicate Yes if on board No if not sighted		
2. <b>PURSE WINCH:</b> Equipment or machinery used to winch the steel cable of the purse line that runs through the purse rings and that serve to close (purse) the bottom of the net once it has been set around a school of fish. Indicate Yes if on board No if not sighted.		
3. <b>MAXIMUM LENGTH OF THE NET:</b> Record the maximum length of the net according to the net specifications. This corresponds to the length of the top line. Note: specify units (preferably meters).		
4. <b>MAXIMUM DEPTH OF THE NET:</b> Record the maximum fishing depth of the net (preferably in meters) according to the net specifications.		
5. <b>BUNT STRETCHED MESH SIZE:</b> Record the mesh average stretched length (knot to knot) of the bunt (preferably in 'CM' centimetres), also called chafer or sack of the net (see purse-seine net scheme). Ask the Deck Boss. Verify value given by measuring 3 stretched mesh lengths (knot to knot) and calculating the average. If values differ, record measured average mesh size and report this on your trip report.		
6. <b>MID-NET STRETCHED MESH SIZE:</b> Record the mesh average stretched length (knot to knot) of the mid-net (preferably in 'CM' centimetres) also called main body or shoulder of the net (see purse-seine net scheme). Ask the Deck Boss. Verify value given by measuring 3 stretched mesh lengths (knot to knot) and calculating the average. If values differ, record measured average mesh size and report this on your trip report.		
7. <b>MAXIMUM BRAIL CAPACITY:</b> Record the maximum weight capacity of a full brail in metric tonnes (Mt).		
8. <b>SKIFF POWER:</b> Record the skiff engine power. Circle the correct unit for skiff engine power provided by vessel officers (HP, BHP, KW).		
<b>PURSE-SEINE NET SCHEME</b>		
		1. Bunt (chafer or sack) 2. Mid-net (main body or shoulder) 3. Wing 4. Float line 5. Lead line (chain foot rope) 6. Gavel lines (or bridle) 7. Pursing wire (or purse line) 8. Pursing ring (seine ring) 9. Floaters
<b>TYPES OF BRAIL THAT CAN BE SEEN IN PURSE SEINERS</b>	<b>HOW TO MEASURE STRESHED MESH SIZE</b>	
<p>Long handle brail (Image © SPC)</p>	<p>Heavy framed brail (Image © SPC)</p>	<p>Ruler by FREEICONS.PNG. Image © SPC.</p>



# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 3A-PS** requires Observers to collect data on vessel daily activities every two hours from sunrise to sunset and at the start of every fishing event:

- **Position and vessel activity at two-hour intervals from sunrise to sunset** (*date, time, position and vessel activity*);
- **Date, time and position at the start of every fishing event** (*date, time, position and activity*).

**These information can be gathered via the:**

- ✓ **Inspection of vessel electronics**
- ✓ **Professional observation**







# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 3-PS** requires Observers to collect data on fishing event:

- **Setting operations** (*start setting date, time & position, Beaufort force, time net pursed, time brailing starts and ends, time skiff onboard, net max closing depth*);
- **Tuna school information** (*sighting clues, 1<sup>st</sup> detection method, school size*);
- **Object details** (*buoy ID, artificial lights, FAD design*);
- **Cetaceans and whale sharks sightings** (*if sighted before set, species & number, if caught in the net*);
- **Information on support vessel** (*presence, name, participation*);
- **Details on the current** (*direction, speed and depth*).

**These information can be gathered via the:**

- ✓ Inspection of vessel electronics
- ✓ Inspection of observer electronics
- ✓ Professional observation and estimate





IOTC REGIONAL OBSERVER SCHEME PURSEINE FISHING EVENT		FORM 3- PS
Revised September 2022		Page _____ of _____
Observer Name:	Observed trip No:	Fishing event number:
<b>SETTING OPERATIONS</b> collect all dates and times in Coordinated Universal Time (UTC).		
1. Start setting date and time DD MM YY hh mm	2. Start setting position specify quadrant (circle) LATITUDE LONGITUDE S N E W	3. Beaufort
4. School sighting cues:	5. First detection method:	6. School size:
7. Time net pursed:	8. Time start brailing:	9. Time end brailing:
10. Time skiff onboard:	11. Max closing net depth:	
<b>Object details</b> for sets conducted on natural or artificial FADs		
12. Buoy ID:	13. Buoy equipped with artificial lights (circle) Deployed? Y N Recovered? Y N	14. Artificial FAD design use codes to describe raft and tail materials Raft: Tail:
<b>Cetaceans and whale sharks' sightings during setting</b> Answer questions by filing Yes or No #1 #2 #3	<b>Support vessel</b> Answer questions by filing Yes or No	<b>Current</b> That might influence set performance
15. Sighted before setting?	19. Support vessel present?	23. Direction: cardinal points
16. Species (FAO code):	20. Support vessel name:	24. Speed: knots
17. Number sighted:	21. Participation?	25. Depth: meters
18. Caught in the net?	22. Participation description:	

1. Recording from vessel electronics

2. Recording from observer electronics (UTC date & time)

3. Professional observation and estimate



# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 4-PS** requires Observers to collect data on fishing event catch details (target and non-target species and on SSIs):

- **Catch details for all species caught** (*species & fate, sampling method, number and/or weight*);
- **Specimen information on non-target species** (*condition @ capture & release*);
- **Specimen information on SSI** (*gear interaction, and way the specimen is handled by the crew*).
- **Information on tagged specimens** (*tag number, type, etc.*)

**These information can be gathered via the:**

- ✓ **Professional observation and estimate**
- ✓ **Inspection of vessels catch log** (*only to compare it with information gathered by the observer or collect extra information that the observer didn't collected such as retained target species weights*).







# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 5-LL** requires Observers to collect biometric data (i.e., length-frequency, weight and sex) for specimens sampled during biometric sampling periods and SSIs:

- **Set #, species & fate, sampling period and sampling method**
- **Length** (*type, value, measuring tool, straight or curved measurement*)
- **Weight** (*processing type, value, estimation method*)
- **Sex**

**These information can be only gathered via :**

- ✓ Professional observation and estimate
- ✓ Sampling







# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 6-LL** requires Observers to collect biological information and/or biological samples (e.g., otoliths, stomachs, etc.), when requested by Observer Coordinator:

- **Set #, species & fate, sampling period and sampling method**
- **Length 1** (*type, value, measuring tool, straight or curved measurement*)
- **Length 1** (*type, value, measuring tool, straight or curved measurement*)
- **Weight** (*processing type, value, estimation method*)
- **Gender and maturity** (*sex and maturity stage*)
- **Sample collected** (*sample type and method of preservation*)

**These information can be only gathered via :**

- ✓ **Professional observation and estimate**
- ✓ **Sampling**





# ONBOARD DATA GATHERING PROCESSES

**IOTC Form 7-LL** requires Observers to collect information on vessel transhipments and/or offloading (if requested by Observer Coordinator):

- **Transhipment #, date, time and position**
- **Products transhipped** (*species, processing type and quantity*)

**These information can be only gathered via :**

- ✓ Inspection of vessel electronics
- ✓ Inspection of observer electronics
- ✓ Professional observation and estimate





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**IOTC REGIONAL OBSERVER SCHEME  
VESSEL TRANSHIPMENTS**

**FORM 7-PS (pg. 1)**

Page \_\_\_\_\_ of \_\_\_\_\_.

Revised February 2022

Observer Name:	Observed Trip No:
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Vessel transhipment #:

<b>1. Start date and time (UTC):</b> DD MM YYYY                      hh mm <input style="width:30px" type="text"/> <input style="width:30px" type="text"/>	<b>2. End date and time (UTC):</b> DD MM YYYY                      hh mm <input style="width:30px" type="text"/> <input style="width:30px" type="text"/>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>3. Position (dd° mm' ss") specify quadrant (circle)</b>  LATITUDE                      LONGITUDE <input style="width:100px" type="text"/> S N <input style="width:100px" type="text"/> E W	<b>4. Category (tick the correct option):</b> TRANSHIP FROM: <input style="width:30px" type="checkbox"/> TRANSHIP TO: <input style="width:30px" type="checkbox"/> NET LOAD: <input style="width:30px" type="checkbox"/> NET OFFLOAD: <input style="width:30px" type="checkbox"/>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Product transhipped**

#	5. Spp.	6. Processing type	7. Quantity (encircle unit used)			#	5. Spp.	6. Processing type	7. Quantity (encircle unit used)		
			Mt	Kg	No				Mt	Kg	No
1						8					
2						9					
3						10					
4						11					
5						12					
6						13					
7						14					

7. Name of carrier / fishing vessel:	<input style="width:100%" type="text"/>	8. Flag:	<input style="width:100%" type="text"/>
9. Call sign:	<input style="width:100%" type="text"/>	10. Port of registry:	<input style="width:100%" type="text"/>
11. Registration number	<input style="width:100%" type="text"/>		Country

1. Recording from vessel electronics
2. Recording from observer electronics (UTC date and time)
3. Professional observation and estimate
4. Inspection of vessels transhipment documents



Food and Agriculture  
Organization of the  
United Nations



Indian Ocean Tuna Commission  
Commission des Thons de l'Océan Indien

# ANY QUESTIONS?



*send us a message via Talents LMS*



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