IOTC REGIONAL OBSERVER SCHEME
PURSEINE FISHING EVENT – CATCH DETAILS

FORM 4–PS

Page______ of ________

Revised September 2021

Observer name:	Observed trip no:	Fishing event number:

CATCH DETAILS to be recorded per species for all spp. Use codes provided in form notes to fill in data collection fields.

	Catch details				Weight					Additional details on non-target species *(except SSIs)*	
Catch #	1. Species	2. Fate	3. Sampling method	4. Number	5. Processing type	6. Value (circle unit used)			7. Estimation method	8. Condition at capture	9. Condition at release
							mT	Kg			
							mT	Kg			
							mT	Kg			
							mT	Kg			
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							mT	Kg			
							mT	Kg			

SPECIMEN DETAILS to be recorded for all SSI specimens caught

Catch # see above	Specimen #	10. Condition at capture	11. Condition at release	12. Gear interaction	13. Brought on board?		14. Handling method	15.Turtle resuscitation?		16.Photo ID
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	
					Y	N		Y	N	

TAG DETAILS

Catch # see above:		Specimen #:	
17. Tag release?		22. Finder name & contact:	
18. Tag recovery			
19. Tag type			
20. Tag # 1:			
21. Tag # 2:		23. Well #:	

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17. Tag release?		22. Finder name & contact:	
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20. Tag # 1:			
21. Tag # 2:		23. Well #:	

Notes on FORM 4 – PS

IOTC ROS minimum standard data-fields are highlighted in the form in light grey. These are to be collected and reported to the IOTC.

PAGE OF: Number Form PS-4's through trip as Page 1, Page 2, Page 3, etc. At end of trip, check all pages are there and put last page number on every page.

FISHING EVENT NUMBER: Refer to the parent set number as specified in Form 3-PS (e.g.: 0001, 0002, …, 0034, etc.).

CATCH DETAILS to be recorded per species for all species caught including SSIs

CATCH NUMBER (#): *Four-digit numerical code beginning 0001. Catch numbers are consecutive within each set of the trip. Forms are pre-numbered from 0 to 20. If more than 20 species/fate found on a unique set please fill in a new Form 4 and record the following consecutive number (i.e.: 21 to … for the 2nd form for the same set).*

1. SPECIES: FAO spp. 3-alpha code for each of the species caught during the observed set.

2. FATE: Fill in a new row for every different fate given to a same species. Use codes provided in Table 1 to specify species fates.

3. SAMPLING METHOD: Use codes provided in Table 2 to indicate sampling method used to obtain catch per species. For species of special interest (SSIs) select exhaustive sampling (EXS).

4. NUMBER: Number of individuals per spp. for each specified fate. If species total catch weight recorded, record NA here.

5. PROCESSING TYPE: Use codes provided in Table 3 to indicate the processing the specimen underwent prior to weighing.

6. WEIGHT VALUE: Species processed or unprocessed weight corresponding to the specified product type recorded in 'processing type code'. Make sure you indicate weight units used by ticking kilograms (Kg) or tonnes (Ton).

7. WEIGHT ESTIMATION METHOD: Use codes provided in Table 4 to indicate estimation method used to obtain the weight.

Additional details on non-target species (i.e.: all species, other than the 16 listed in Annex B of the IOTC Agreement).

8. CONDITION AT CAPTURE and 9. CONDITION AT RELEASE: Use codes provided in Table 5 to specify condition at capture and / or release for a group of individuals of the same species. Fill in a new row for every different condition at capture and / or at release given for a same spp. For non-target species retained on-board record not applicable for condition at release (NA). For SSIs species record condition at capture and / or release, for every specimen caught, under SPECIMEN DETAILS.

SPECIMEN DETAILS to be recorded for all SSIs caught

CATCH NUMBER (#): Refer to the parent catch number as previously specified in the Catch detail table.

SPECIMEN NUMBER (#): *Record the specimen number. This should be a four-digit numerical code beginning 0001. Specimen numbers should be consecutive within the same catch detail within the same set of the observed trip.*

10. CONDITION AT CAPTURE / 11. CONDITION AT RELEASE: Use codes provided in *Table 6* to specify condition at capture / release *for every SSI specimen caught*.

12. GEAR INTERACTION: Use codes provided in *Table 7* to specify the type of interaction of the SSI with the gear or vessel.

13. BROUGHT ON BOARD: Indicate YES or NO if the SSI specimen caught in the gear was brought on board the vessel.

14. HANDLING METHOD: Specify how the SSI caught in the gear was brought on-board using codes provided in *Table 8*.

TAG DETAILS *to be recorded for every tagged specimen*

CATCH NUMBER (#): Refer to the parent catch number as previously specified in the Catch detail table.

SPECIMEN NUMBER (#): *Record the specimen number.*

17. TAG RELEASE? Indicate YES or NO, whether this individual was re-released with the tag(s) still attached.

18. TAG RECOVERY? Indicate YES (Y) or NO (N), whether a tag was recovered from this individual.

TABLE 1 - CATCH FATE

DTS	Discarded - too small.	**DFR**	Discarded - trunk - fins retained
DUS	Discarded - unwanted species	**DTR**	Discarded - trunk retained, fins discarded
DRB	Discarded – flag state retention ban	**RCC**	Retained - crew consumption
DFL	Discarded - vessel fully loaded	**RFL**	Retained - for landing / sold
DUD	Discarded – IOTC retention ban	**RFR**	Retained trunk and fins
DPQ	Discarded – unfit for consumption	**RFT**	Retained for at-sea-transhipment
DDL	Discarded - too difficult to land	**RET**	Retained
		UNK	Unknown fate

TABLE 2 - SAMPLING METHODS TO ESTIMATE SPECIES TOTAL CATCH

EXS	Exhaustive sampling	**VES**	Vessel Estimates
MRS	Random sampling	**OTH**	Other (specify)
SPS	Systematic proportional sampling		

TABLE 3. TYPE OF PROCESSING / PRODUCT CODES

RD	Unprocessed; Round (whole, live)	**DR**	Dressed (gilled and gutted	**FW**	Fillet
GG	Gilled-and-gutted (bill-off)	**HD**	Headed-and-gutted	**SF**	Fins (shark)
GT	Gilled, gutted and tailed	**HT**	Headed and tailed	**FL**	Fish loins
PD	Headed and caudal peduncle-off	**HG**	Headed, gutted and tailed	**NO**	Unprocessed
HP	Highly processed (loins, fillets)	**GO**	Gutted only (gills left)	**UN**	Unknow
PR	Processed (unspecified)	**FT**	Fins and trunk (sharks		

TABLE 4 - WEIGHT ESTIMATION METHODS

EB	Electronic balance	**LO**	Vessel logbook (measurement crew)
SB	Spring balance	**LW**	Length weight relationship
MB	Mechanical balance	**BR**	Brail
EM	Eye measurement (observer)	**CA**	Calculation

TABLE 5 - CONDITION (at capture / at release)

A0	Alive - condition unknown	**A3**	Alive - very weak, dying
A1	Alive - active, healthy	**D**	Dead
A2	Alive - injured, distressed	**U**	Condition unknown

TABLE 6 - TYPE OF INTERACTION OF THE SSI SPECIMEN WITH THE GEAR

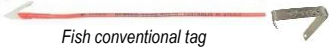
EN	Entangled in the net
EL	Entangled in the line
EF	Entangled with FAD
EG	Entangled in ghost fishing gear
OT	Other (describe)
UK	Unknown

TABLE 7 - LANDING METHOD

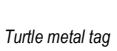
HD	By hand	**SN**	Using a scoop net	**ON**	Using another net
GR	Using the gear	**GF**	Using a gaff	**OT**	Another (describe)

TABLE 8 - TYPE OF TAGS

TC	Conventional (plastic spaghetti tags inserted through fish first dorsal fin)
TR	Rototags (a two-piece plastic tag inserted through fish first dorsal fin)
TS	Sonic tags (implanted in the body cavity).
TP	Pop-up tags (inserted into the dorsal musculature).
TI	Internal archival tags (implanted in the body cavity).
TT	Smart Position/ Temperature Transmitting tags (attached to the dorsal fin)
MB	Metal leg band tag (seabirds)
MT	Metal tag (turtles - a different tag number for each flipper - right & left).
ST	External satellite tag (placed in turtle / bird back).
TO	Other (specify)



Fish conventional tag



Turtle metal tag

Bird leg band

Internal archival tag

19. TAG TYPE: Specify the type of tag observed using the codes provided in Table 8

20. TAG No. 1 / 21. TAG No. 2: Provide the tag number. If a turtle, provide both tag numbers.

22. FINDER NAME and CONTACT DETAILS: Record full name of the person who recovered the tag and its contact details including physical address, phone number and email address.

22. WELL NUMBER: Indicate the well number from which the tagged fish has been recovered if the fish is FOUND during shifting, transhipping or unloading