IOTC REGIONAL OBSERVER SCHEME
GILLNET FISHING EVENT - CATCH DETAILS

FORM 4–GIL

Page_____ of _____

Revised October 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 #	1. Species	2. Fate	3. Sampling method	4. Number	5. Processing type	6. Weight value (circle unit used)			7. Weight estimation method
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	
							Kg	mT	

SPECIMEN DETAILS

		Depredation details on depredated fish		Additional details on non-target specimens		Additional details on SSIs							
Catch # see above	Specimen #	8. Depredation source	9. Predator observed	10. Condition at capture	11. Condition at release	12. Gear interaction	13. Brought on board?		14. Handling method	15.Turtle revival?		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	
							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:			

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

Notes on FORM 4 – GIL

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 GIL-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-GIL (e.g.: 0001, 0002, …, 0034, etc.).

CATCH DETAILS to be recorded per species for all species caught including non-target and SSIs

CATCH NUMBER (#): *Four-digit numerical code beginning 0001. Catch numbers are consecutive within each set of the trip. Fill in a new Form 4 for the same set if needed ensuring that you continue to follow catch consecutive number from the previous 4-GIL Form.*

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.

DEPREDATION DETAILS

8. DEPREDATION SOURCE: Select the depredation source(s) code(s) based on the code description given in the *Table 5.*

9. PREDATOR OBSERVED: Record the predator species directly observed and identified (FAO spp. 3-alpha code). If not observed record UNK (unknown). *Species observed in the area may not necessarily be associated with predation unless directly observed.*

SPECIMEN DETAILS to be recorded for all non-target specimens 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.*

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

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*.

Additional details on SSIs (i.e.: as specified by the IOTC).

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.*

15. REVIVAL: For turtles indicate YEY if the release took place following the application of turtle revival procedures and NO if not.

16. PHOTO ID: If a photo is taken, record photo number / code. Make sure to follow specimens photograph basic rules.

TAG DETAILS *to be recorded for every tagged specimen*

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

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

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. DEPREDATION SOURCE

SH	Shark	**BA**	Depredation on bait
TW	Toothed whales	**SQ**	Squid
SW	Sharks/toothed whales	**SB**	Birds
MM	Marine mammal	**OT**	Other (specify)
CC	Cookie-cutter shark	**UNK**	Unknown

TABLE 6 - 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 7 - TYPE OF INTERACTION OF THE SSI SPECIMEN WITH THE GEAR

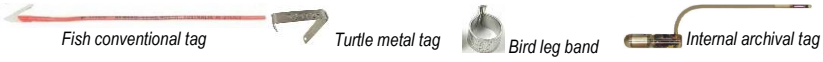
EN	Entangled in the net	**EG**	Entangled in ghost fishing gear
OT	Other (describe)	**UK**	Unknown

TABLE 8 - 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 9 - 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 9*

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.