IOTC REGIONAL OBSERVER SCHEME
GILLNET FISHING EVENT

FORM 3– GIL

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Revised September 2021

Observer Name:	Observed Trip No:
Fishing event number:	1. Gillnet sequential number:

SETTING OPERATIONS collect all dates and times UTC and positions as dd°mm'ss". Circle units used.

2. Setting start date and time				3. Setting start position specify quadrant (circle)				
DD	MM	YYYY	hh mm	LATITUDE	S	N	LONGITUDE	E W

4. Setting end date and time				5. Setting end position specify quadrant (circle)				
DD	MM	YYYY	hh mm	LATITUDE	S	N	LONGITUDE	E W

6. Vessel speed (Av) _____ *Knots*

7. Vertical set: Surface | Sub-surface

8. Setting strategy: _____

9. Setting shape: 1 | 2 | 3 | 4 | 5

MITIGATION MEASURES circle the correct answer(s) where needed

10. Mitigation measures? Yes | No

11. Mitigation device: AAD | ACD | AWM | LIS | LIG | NON | NTS | PAD | OTH | OVM | UNK | VID

HAULING OPERATIONS collect all dates and times UTC and positions as dd°mm'ss". Circle units used.

12. Start hauling date and time				13. Start hauling position specify quadrant (circle)				
DD	MM	YYYY	hh mm	LATITUDE	S	N	LONGITUDE	E W

14. End hauling date and time				15. End hauling position specify quadrant (circle)				
DD	MM	YYYY	hh mm	LATITUDE	S	N	LONGITUDE	E W

16. Net condition: NGD | 005 | 025 | 050 | 075 | 100 | OTH | UNK

17. Number of net panels retrieved: _____

18. Number of net panels observed: _____

19. Sampling protocol: Exhaustive sampling (EX) | Random sampling (MRS) | Systematic sampling (SPS) | Exhaustive when present (EWP)

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Notes on FORM 3GIL

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

SETTING OPERATIONS Setting starts when the 1st panel enters the water and ends when the gillnet is secured to the vessel, to an anchoring device, or completely deployed (i.e., end of net setting). Gillnet vessels often set at dusk and the setting operation may continue beyond midnight and into the following day. Make sure you check both UTC data and time at the end of the setting of the gillnet as not only the time but also the date might have changed.

1. GILLNET SEQUENTIAL NUMBER: Specify gillnet used on this set by recording its sequential number as detailed in Form 2-GIL: "Gillnet gear specifications".

6. VESSEL SPEED: Record the vessel's average speed during setting (knots)

8. SETTING STRATEGY: Indicate how the gillnet was set (Table 1).

9. SETTING SHAPE: Indicate the spatial configuration in which the gillnet was set (Table 2).

MITIGATION MEASURES

11. MITIGATION DEVICE: Record any mitigation device(s) used during the set (Table 3).

HAULING OPERATIONS Hauling starts when the hauling equipment is put into gear or when the net starts being hauled and ends when the gillnet is completely retrieved and onboard. Make sure you check both UTC data and time at the end of the setting / hauling of the gillnet as not only the time but also the date might have changed.

16. NET CONDITION: The condition of the net at haul-back, even if the same as at setting (Table 4).

17. NUMBER OF NET PANELS RETRIEVED: Total number of net panels retrieved at haul.

18. NUMBER OF NET PANELS OBSERVED: Total number of hauled net panels observed.

19. SAMPLING PROTOCOL: Indicate the sampling strategy followed (Table 5).

TABLE 1. NET SETTING STRATEGY

GEN	Net actively used to encircle school
NDR	Net left drifting
NAN	Net anchored or attached to the boat
DOL	Net set around dolphin(s)
SM	Net set on a seamount
OTH	Other, specify

TABLE 2. SET SPACIAL CONFIGURATION

1	Set pulled straight	**4**	Set in Pi-shape
2	Set in a semi-circle	**5**	Set in N-shape
3	Set in a circle	**6**	Set in v-shape

TABLE 3. DEPREDATION / MITIGATION DEVICES

AAD	Active acoustic deterrents
ACD	Acoustic decoys.
AWM	Above water methods
NTS	Net type/setting (sub-surface nets)
OTH	Other (specify)
OVM	Other visual methods
LIS	Light-sticks
LIG	Lights of different colour
NON	None
PAD	Passive acoustic deterrents
VID	Visual decoys or deterrents
UNK	Unknown

TABLE 4. NET CONDITION AT HAULING

NGD	No gear damage few small holes	**075**	> 50% of the net torn
005	< 5% of the net torn	**100**	Net totally rolled up.
025	5% to 25% of the net torn	**OTH**	Other, specify
050	25% to 50% of the net torn	**UNK**	Unknown

TABLE5. SAMPLING METHODS FOR OBTAINING TOTAL CATCH ESTIMATES

EX	Exhaustive sampling
EWP	Exhaustive when present or non-random
MRS	Random sampling
SPS	Systematic sampling (a % of the net string observed°