Gillnet onboard data collection and recording

Category: Fishing Gear

[IOTC ROS SFO TR21]

Data field description Gillnet Set and Haul Information - Form 3– Gil

Field No.	Field Name	Field Description
1	Set number	The set number starts from the first time the net is set and runs consecutively until the last set of the trip. It is important as samples and other data are often cross referenced to the "set number" to get specific information on the geographical positions and effort. setting starts when the 1st panel enters the water, setting ends when net is completely deployed or secured to anchoring device or the boat itself

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	Gillnet sequential numbers	Specify gillnets used on this set by recording its sequential number as detailed in Form 2-GIL: "Gillnet gear specifications". Note that a vessel may set more than one net type.

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1	Start setting date	Date format DD / MM / YYYY Record the date the setting operation starts. However note especially the time difference to UTC to see if this coincides with your actual date.
2	Start setting time	Time format hh:mm Times must be reported UTC. Therefore, you need to know the time zone the ships time is set at and make the correction back to UTC.
3	Start setting position	All positions to be as dd°mm,m' (n/s) regardless of the format in which they were collected.
4	End setting date	Same rules as for setting date / time and Position
5	End setting time	
6	End setting position	

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7	Vessel speed	Record the average speed of the vessel in knots when setting. This can be done by recording the vessels speed from the GPS at regular intervals during setting and calculating an average.
8	Vertical set	Record if the net is set with floats on the surface or if the net is set below the surface or on the seabed. Note the codes: <u>SRF-Surface</u> or <u>SSF-Sub-surface</u>
9	Setting strategy	Indicate net setting strategy used by selecting one or more of the following codes: • NAN Net anchored or attached to the boat; • DOL Net set around dolphin(s); • NDR Net left drifting; • SM Net set on a seamount; • GEN Net actively used to encircle the target school; • OTH Other, specify (*keep notes in your notebook*)

10	Setting shape	Record the codes to indicate the spatial configuration in which the gillnet was set: 1 Set pulled straight; 2 Set in a semi-circle; 3 Set in a circle; 4 Set in Pi-shape; 5 Set in N-shape; 6 Set in V-shape.
11	Mitigation measures used	Record (yes or No) if any depredation or mitigation measures were used to prevent unwanted by-catch

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| 12 | Type of devices used | Record details of the type of mitigation devise used
• AAD Active acoustic deterrents
• NTS Net type and setting (sub-surface nets)
• ACD Acoustic decoys
• OTH Other (specify)
• AWM Above water methods
• OVM Other visual methods
• LIS Light-sticks
• PAD Passive acoustic deterrents
• LIG Lights of different colour
• VID Visual decoys or deterrents
• NON None
• UNK Unknown |

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13	Start hauling date	Same rules as for setting date / time and Position
14	Start hauling time	
15	Start hauling position	
16	End hauling date	
17	End hauling time	
18	End hauling position	
19	Net condition	Record the codes to indicate the condition of the net at haul-back, even if the condition was the same at setting. • NGD No gear damage or a few small holes • 005 Less than 5% of the net torn • 025 Between 5% and 25% of the net torn • 050 Between 25% and 50% of the net torn • 075 Greater than 50% of the net torn • 100 Net totally rolled up • OTH Other, specify • UNK Unknown

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20	panels retrieved:	Record the total number of net panels retrieved. Note; this may be equal the number set or less than the number set if some of the net was lost.
21	panels observed	Record the number of net panels observed being retrieved

22	Sampling protocol	Record the appropriate codes to indicate sampling strategy that was followed by the observer:
		• EX Exhaustive sampling (all net panels hauled observed)
		• MRS Random sampling (net panels observed randomly)
		• EWP Exhaustive when present or non-random (net panels observed when the observer is present
		• SPS Systematic sampling
		   ○ When a % of the net string observed. e.g. % of panels hauled e.g. 1 panel out of 5; or
		   ○ % of time relative to total hauling period e.g. for a 1-hour period against a 4-hours total hauling period.

END - *IOTC SFO TR 21*

THANK YOU