

DRAFT PROPOSAL OF MINIMA DATA REQUIREMENTS FOR HANDLINE, TROLLING AND SPORT FISHERIES

PREPARED BY: IOTC SECRETARIAT, 29 NOVEMBER 2011

PURPOSE

To provide the WPDCS with draft proposals of minimum requirements for the collection of catch data by fishing vessels in the IOTC Area, including separate requirements for vessels using handlines, and trolling and sport vessels.

BACKGROUND

During its 11th and 12th Sessions, the IOTC adopted Resolution 07/03, superseded in 2010 by Resolution 10/03 *concerning the recording of catch by fishing vessels in the IOTC area*, and Resolution 08/04 *concerning the recording of catch by longline fishing vessels in the IOTC area*.

Following implementation of the above Resolutions, at its 15th Session the Commission considered standards for other gears operating in the IOTC Area, as proposed by the IOTC Scientific Committee. These included minimum data requirements for pole-and-line and gillnet fisheries, initially agreed as a non-binding measure, through the implementation of IOTC *Recommendation 11/06 Concerning the Recording of Catch and Effort by Fishing Vessels in the IOTC Area of Competence*. The Commission also agreed to reconsider implementation of these requirements at its 16th Session, in the form of a Resolution, requesting the IOTC Scientific Committee to revise the requirements existing for all gear types, including longline, purse seine, gillnet, and pole-and-line.

DISCUSSION

The attached documents present proposals of draft requirements for other gear types used in the IOTC Area, used as primary or secondary gear. It draws on the concern expressed by the IOTC WPTT regarding the increased use of handlines and (or) trolling as secondary gears, and the lack of recording of catches by gear on vessels using more than one gear during a fishing trip. It also addresses the concerns expressed by the WPB concerning the lack of data for sport fisheries operated in the Indian Ocean and the need for countries to collect and report this information to the IOTC.

The draft proposals of minimum requirements for the collection of catch data by fishing vessels in the IOTC Area, including separate requirements for vessels using handlines, and trolling and sport vessels, are provided for the consideration and potential endorsement by the WPDCS.

RECOMMENDATION

That the WPDCS **NOTE** the draft proposals of minimum requirements for the collection of catch data by fishing vessels in the IOTC Area, and recommends that the IOTC Scientific Committee considers these requirements and address a request to the Commission for adoption at its next Session.

ATTACHMENTS

Attachment A: Handline.

Attachment B: Trolling.

**ANNEX I
HANDLINE**

All logbook information shall be recorded by day; where more than one fishing event is recorded for the same day, it is advisable to record each fishing event separately

Record once in one cruise

1-1 INFORMATION OF REPORT

- 1) Date of the submission of logbook.
- 2) Name of reporting person

1-2 VESSEL INFORMATION

- 3) Vessel name and registration number
- 4) IOTC number, where available
- 5) Fishing License number
- 6) Licensed gears and species
- 7) Vessel size: Gross tonnage (in MT) and/or length overall (in m)

1-3 CRUISE INFORMATION

- 1) Departure date and port
- 2) Arrival date and port

ANNEX II HANDLINE

2-1 OPERATION

1) Date of fishing

Record the date of fishing. Each fishing day should be recorded separately.

2) Number of fishermen

Record the number of fishermen on the boat by fishing day (fishing event)

3) Number of Fishing Gear

Record the number of fishing gear used during the day (fishing event). If the exact number is not available a range may be used i) less than 5 lines, ii) 6-10 lines; iii) more than 11 lines.

3) Start Fishing Time

Record the UCT time (24 hr) corresponding to the time the boat heads to ocean for fishing. On multiple days the time at which searching starts should be recorded.

4) End Fishing Time

Record the UCT time (24 hr) immediately after fishing is complete. This is the time in which the captain decides to head home. On multiple days this is the time fishing stopped.

5) Number of FADs/ Rumpons fished

Record the number of FADs or Rumpons fished during the day.

6) Position of the catch

Record the latitude and longitude at the start of each fishing event; record the latitude and longitude at noon for non-fishing days.

Where information is recorded by day, record the 1° x 1° area(s) where fishing took place.

7) Bait

Record the type of bait used, where applicable

2-2 CATCH

Catch in number and weight (kg) by species

1) Catch number and Weight

For each species shown in section 2-3 caught and retained, record the number and estimated live weight (kg), per fishing day (fishing event).

2) Discard number and Weight

For each species shown in section 2-3 caught and not retained record the number and estimated live weight (kg) discarded, per fishing day (fishing event).

2-3 SPECIES

Common name	Scientific name
Yellowfin tuna	<i>Thunnus albacares</i>
Bigeye tuna	<i>Thunnus obesus</i>
Skipjack tuna	<i>Katsuwonus pelamis</i>
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>
Black marlin	<i>Makaira indica</i>
Other billfish	
Longtail tuna	<i>Thunnus tonggol</i>
Kawakawa	<i>Euthynnus affinis</i>
Frigate tuna/Bullet tuna	<i>Auxis spp.</i>
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>
Indo-Pacific king mackerel	<i>Scomberomorus guttatus</i>
Sharks	
Other fishes	

2-4 REMARKS

- 1) Discard of tuna, tuna-like fish should be recorded in the remarks, to species level where possible.
- 2) Other relevant information is also written in the remarks.

Note: These species included in the logbook are regarded as minimum requirement. Optionally other species should be added as species may differ depending on the area fished and type of fishery.

ANNEX I
TROLLING AND SPORT FISHING VESSELS

All logbook information shall be recorded by day; where more than one fishing event is recorded for the same day, it is advisable to record each fishing event separately

Record once in one cruise

1-1 INFORMATION OF REPORT

- 1) Date of the submission of logbook.
- 2) Name of reporting person

1-2 VESSEL INFORMATION

- 3) Vessel name and registration number
- 4) IOTC number, where available
- 5) Fishing License number
- 6) Licensed gears and species
- 7) Vessel size: Gross tonnage (in MT) and/or length overall (in m)

1-3 CRUISE INFORMATION

- 1) Departure date and port
- 2) Arrival date and port

ANNEX II

TROLLING AND SPORT FISHING VESSELS

2-1 OPERATION

1) Date of fishing

Record the date of fishing. Each fishing day should be recorded separately.

2) Number of fishermen

Record the number of fishermen on the boat by fishing day (fishing event)

3) Number of Fishing Gear

Record the number of lines used during the day (fishing event). If the exact number is not available a range may be used i) less than 5 lines, ii) 6-10 lines; iii) more than 11 lines.

4) Time Fishing

Record the total number of hours fishing (trolling) during the day (fishing event).

5) Number of FADs (Rumpons) fished

Record the number of FADs (Rumpons) fished during the day.

6) Position of the catch

Record the latitude and longitude when fishing (trolling) starts; record the latitude and longitude at noon for non-fishing days.

Where information is recorded by day, record the 1° x 1° area(s) where fishing took place.

7) Bait

Record the type of bait/lures used, where applicable

2-2 CATCH

Catch in number and weight (kg) by species

1) Number and Weight of fish retained

For each species shown in section 2-3 caught and retained, record the number and estimated live weight (kg), per fishing day (fishing event).

2) Tag release and recovery information

For each species shown in section 2-3, record the number of specimens caught and released alive, and the number of tags released and recovered, per fishing day (fishing event).

3) Discard number and Weight

For each species shown in section 2-3 caught and discarded dead, record the number and estimated live weight (kg) discarded, per fishing day (fishing event).

2-3 SPECIES

Common name	Scientific name
Yellowfin tuna	<i>Thunnus albacares</i>
Bigeye tuna	<i>Thunnus obesus</i>
Skipjack tuna	<i>Katsuwonus pelamis</i>
Albacore	<i>Thunnus alalunga</i>
Swordfish	<i>Xiphias gladius</i>
Blue marlin	<i>Makaira mazara</i>
Black marlin	<i>Makaira indica</i>
Striped marlin	<i>Tetrapturus audax</i>
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>
Other billfish	
Longtail tuna	<i>Thunnus tonggol</i>
Kawakawa	<i>Euthynnus affinis</i>
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2-4 REMARKS

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- 2) Other relevant information is also written in the remarks.

Note: These species included in the logbook are regarded as minimum requirement. Optionally other species should be added as species may differ depending on the area fished and type of fishery.