
CONCERNING THE RECORDING OF CATCH BY LONGLINE FISHING
VESSELS IN THE IOTC AREA

Submitted by the EC

Explanatory Memorandum

EC PROPOSAL FOR AN

**IOTC RESOLUTION CONCERNING THE RECORDING OF CATCH BY LONGLINE
FISHING VESSELS IN THE IOTC AREA**

During its 11th Session held in Mauritius, from 13 to 18 May 2007, IOTC adopted a Resolution 07/03 "*Concerning the recording of catch by fishing vessels in the IOTC area*", which related to agreed minimum standards for data requirements for all purse-seine and bait boat fleets operating in the IOTC Area of competence, in order to harmonize data gathering and provide common basis for scientific analysis for all IOTC Contracting Parties and Cooperating Non Contracting Parties (CPCs).

Through the adoption of Resolution 07/03, IOTC CPCs also committed themselves to adopt, at the 2008 IOTC session, minimum standard for logbooks for the same purposes with regard to all longline vessels over 24 metres length and those under 24 metres if they fish outside the EEZ of their flag State.

Following the model elaborated by the IOTC Scientific Committee in its 10th session held in Seychelles in November 2007, and stressing again that data gathering is a fundamental tool to allow the IOTC Scientific Committee to formulate its advices with the best information available, the EC is tabling this proposal concerning the recording of catch by longline fishing vessels in the IOTC area of competence.

EC PROPOSAL FOR AN

IOTC RESOLUTION CONCERNING THE RECORDING OF CATCH BY LONGLINE FISHING VESSELS IN THE IOTC AREA

The Indian Ocean Tuna Commission (IOTC),

TAKING NOTE of the results of the Inter-sessional Meeting on an Integrated Control and Inspection Scheme held in Yaizu, Japan from 27 to 29 March 2001;

CONSIDERING the provisions set forth in Resolution 01/05 Mandatory Statistical Requirements for IOTC Members, and in particular the requirements set out for surface fisheries/purse-seine fleets adopted by the Commission in 2001;

CONSIDERING the deliberations of the 9th Session of the IOTC Scientific Committee held in Victoria, Seychelles from 6 to 10 November 2006 where it agreed that a standardised logbook would be advantageous and agreed on the minimum data requirements for all purse-seine and bait boat fleets operating in the IOTC Area of Competence, in order to harmonize data gathering and provide a common basis for scientific analysis for all IOTC Contracting Parties and Cooperating non-Contracting Parties (CPCs);

CONSIDERING the IOTC Resolution 07/03 Concerning the recording of catch by fishing vessels in the IOTC area, and in particular its paragraph 3, whereby the CPCs committed themselves to adopt at 2008 annual session a minimum standard for logbooks for all longline vessels over 24 metres and those under 24 metres if they fish outside the EEZ of their flag State;

FURTHER CONSIDERING the works and the of the small task force created by the IOTC Scientific Committee during its 10th Session held in Seychelles in November 2007, in order to harmonise the various forms currently used by the fleets and the IOTC Scientific Committee agreement on the minimum standard requirements for all longline fleets as well as the produced logbook template;

ADOPTS, in accordance with paragraph 1 of Article IX of the IOTC Agreement, that

1. Each flag CPC shall ensure that all purse-seine vessels flying its flag and authorized to fish species managed by IOTC be subject to a data recording system. Within the IOTC Area of Competence, all long liners vessels over 24 metres length and those under 24 metres if they fish outside the EEZs of their flag States shall keep a bound or electronic logbook to provide data for use by Working Parties and the Scientific Committee that includes, as a minimum requirement, the information and data in the logbook set forth, for illustrative purposes, in Annex I and II
2. This logbook format consists of two parts, Annex I and Annex II.
Annex I includes information on vessel, trip and gear configuration, and should be written once for each trip.
Annex II, which contains information of longline operation and catch, should be filled for each set.
3. The logbook data shall be provided by the fishing masters to the flag State administration, as well as to the coastal State administration where the vessel has fished in that coastal State's EEZ. The flag State and the States which receive this information shall provide all the data for any given year to the IOTC Secretariat and the Scientific Committee by June 30th of the following year on an aggregated basis. The confidentiality rules set out in Resolution 98/02 *Data Confidentiality Policy and Procedures* for fine-scale data shall apply.

ANNEX I (recorded once in one cruise)

1-1 INFORMATION OF REPORT

- 1) Reporting date: Fill date of the submission of logbook.
- 2) Reporting person: Enter a name and telephone number of reporting person.

1-2 VESSEL INFORMATION

- 1) Vessel name
- 2) Call sign: If call sign is not available, other identical code as registration number should be used.
- 3) Vessel size: Gross tonnage (in MT) and/or overall length (in m)
- 4) License number
- 5) Number of crew

1-3 CRUISE INFORMATION

- 1) Departure (Arrival) date: Fill departure (arrival) dates
- 2) Departure (Arrival) port: Fill name of port of departure (arrival)

1-4 GEAR CONFIGURATION

- 1) Average Branch line length (m): Straight length in meter between snap and hook. See Fig. 1.
- 2) Average Float line length (m): Straight length in meter from the float to the snap
- 3) Average Length between branch (m): Straight length of main line in meter between successive branch lines.

Note a: Usually each vessel has several types of float line (and branch line) and change them to adjust the depth of fishing gear. In this sense, it is ideal to collect this information on gear configuration per each set.

Note b: Other important gear specification would be gear materials. However, there are so many kinds of gear materials that it is difficult to classify simply. As for main line, it may be able to classify into four categories, Thick rope (Cremona rope), Thin rope (PE or other materials), Nylon braided and Nylon monofilament. In the case of branch line, it is more difficult to classify, because branch line consists of several parts of different size and/or materials.

Note c: Total landings amount of sales also useful to validate the catch in weight recorded at ocean.

ANNEX II

2. Body parts (recorded for each set)

2-1 OPERATION

- 1) Date: Fill date when set was made (YYYY/MM/DD).
- 2) Position: noon (local time) position or position of start of gear setting - Latitude (XX°XX', N or S) / Longitude (XX°XX'),
- 3) Time (24hr) of starting setting gear: Local time in 24 hr of starting setting gear
- 4) SST: Record sea surface temperature at noon with one decimal point, if available (XX.X °C).
- 5) The number of hooks between floats: Specify number of hooks between floats (hooks per basket). If different hooks between floats were used in a single set, select most representative one.
- 6) The number of hooks used: Fill total number of hooks used in a set.

Note a: When more than one operation was made in one day, two lines are used for one day. **Note b:** Record (date and noon position) of non-fishing day (steaming, searching, engine trouble, etc.) is optional.

Note c: Area code of operation (ex. Seychelles EEZ, High sea, etc.) may be used optionally. **Note d:** Other time on operation, that is end of setting, start and end of hauling, duration of operation may be added optionally.

Note e: For swordfish longliners, information of use of light stick must be important to be recorded as minimal requirement.

Note f: Bait information is important because catchability for each species would be different between the bait species (especially fish or squid). Bait used is often changed by set depending on area, target and depth of gear or other factor. Sometime, different baits are used for shallow hook and deep hook (or start and end of set) in the same set. Therefore, if bait information is optionally added into logbook form, it would be better to record per set, with ratio of squid and fish if possible.

2-2 CATCH / CAPTURES

- 1) Catch in number by species per operation: Fill number of catch by species in upper row.
- 2) Catch in weight by species per operation: Fill **processed weight** in kg by species in lower row. /

2-3 SPECIES / ESPÈCES

- 1) Tunas (Southern bluefin, Albacore, Bigeye, Yellowfin, Skipjack)
- 2) Marlins (Swordfish, marlins, , Shortbill spearfish, Sailfish)
- 3) Sharks (Blue shark, Porbeagle, Mako shark, other sharks)
- 4) Other fishes

LOGBOOK TEMPLATE: Tuna Longliners / MODÈLE DE FICHE DE PÊCHE: palangriers thoniers

Flag country / Pavillon		
Date reported / Date de déclaration †	Name of captain / Nom du capitaine	
Reporting person / Personne déclarante	Name / Nom	Phone / Téléphone
Departure date / Date de départ †	Departure port / Port de départ	
Arrival date / Date d'arrivée †	Arrival port / Port d'arrivée	

Name of boat / nom du navire		
Vessel size / Taille du navire	GT (tons)/TB (tonnes)	LOA (m) / LHT (m)
License number / Numéro de licence		
Call sign / Indicatif radio		
Number of crew / Effectif équipage		

† use YYYY/MMDD for dates / utilisez AAAAMMJJ pour les dates

Gear configuration / configuration de l'engin	
Branch line length / Longueur des avançons (m)	
Float line length / longueur des ralingues de flotteurs (m)	
Length between branch lines / longueur entre les avançons (m)	
Target / cibles	1. Tuna/thons () 2. Swordfish/espadon () 3. Other/ autres ()

Type of weight / type de poids
<input type="checkbox"/> whole / entier
<input type="checkbox"/> processed / transformé

**In each set, catch should be given both in number and weight (in kg) in upper and lower row, respectively
Pour chaque calée, les captures doivent être indiquées en nombre et poids (kg) respectivement dans les lignes supérieure et inférieure.**

Date	Position				Tunas / thons					Billfishes / Portes-p'è					Sharks / requins				Remarks (discard or other information) / remarques (rejets ou autres informations)	
	Latitude		Longitude		southern bluefin / thon rouge	albacore / germon	bigeye / patudo	yellowfin / albacore	skipjack / listao	Swordfish / espadon	Stripped marlin / marlin ray*	blue marlin / marlin bleu	black marlin / marlin noir	Sailfish / voilier	Shortbill spearfish / marlin à rostre court	Blue shark / Peau bleue	Porbeagle / requin taupe	Mako / petite taupe		Other / autres
	Degree / Degr's a	NS	Degree / Degr's a	EW																
	N	S		E	W															
	N	S		E	W															
	N	S		E	W															
	N	S		E	W															

for dates, use the YYYY/MM/DD format / pour les dates, utiliser le format AAAA/MM/JJ

a for positions, use the format: / pour les positions, utiliser le formatZ: XX°XX'

** for SST, use a value with one decimal point / pour la SST, utiliser une valeur □ une d°cimale

2-4 REMARKS / REMARQUES

- 1) Discard of tuna, tuna-like fish and sharks should be recorded in the remarks.
- 2) Other information is also written in the remarks.

Note a: These species included in the logbook is regarded as minimum requirement. Optionally other shark and/or fish species should be added. Maybe, other shark and fish species caught frequently would be different by area and fishery.

Figure 1. Schematic diagram of longline gear / Diagramme schématique d'une palangre.

