



MANDATORY STATISTICAL REPORTING REQUIREMENTS FOR IOTC CONTRACTING PARTIES AND COOPERATING NON-CONTRACTING PARTIES (CPCS)

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Explanatory Memorandum

Resolution 15/02 provides for the mandatory statistical reporting requirement of for CPCs. The proposed amendment to Resolution 15/02 is complementary to the proposed amendments of Resolution 15/01 covering the recording and reporting of bait data, for tuna fishery dependent or associated with such fishery, and for the reporting of the level of sampling and a sampling protocol.

In addition to this propose amendment, this proposal also takes into account the suggestions made by the legal scrubbing and proposed revision to the Resolution 15/02 to take into account these changes and necessary clarifications.

RESOLUTION 23/XX~~15~~/02**MANDATORY STATISTICAL REPORTING REQUIREMENTS FOR IOTC CONTRACTING PARTIES
AND****COOPERATING NON-CONTRACTING PARTIES (CPCs)**

Keywords: ~~D~~data reporting; total catch; catch and effort; size data; fish aggregating devices (FAD); surface fisheries; longline fisheries; coastal fisheries.

The Indian Ocean Tuna Commission (IOTC),

GIVEN that the Agreement for the ~~i~~Implementation of the Provisions of the United Nations Convention on the Law of the Sea ~~of 10 December 1982~~ relating to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks (UNFSA) encourages coastal States and fishing States on the high seas to collect and share, in a timely manner, complete and accurate data concerning fishing activities on, inter alia, vessel position, catch of target and non-target species and fishing effort;

NOTING that the United Nations Food and Agricultural Organisation (FAO) Code of Conduct for Responsible Fisheries~~ing~~ provides that States should compile fishery-related and other supporting scientific data relating to fish stocks covered by subregional or regional fisheries management organisations and provide them in a timely manner to the organisation;

RECALLING the commitment made by Contracting Parties under Article V of the IOTC Agreement to keep under review the conditions and trends of the stocks and to gather, analyse and disseminate scientific information, catch and effort statistics and other data relevant to the conservation and management of the stocks and to fisheries based on the stocks covered by the Agreement;

COGNISANT that the above commitment can only be achieved when Contracting Parties meet the requirements of Article XI of the IOTC Agreement i.e. to provide statistical and other data and information to minimum specifications and in a timely manner;

ACKNOWLEDGING that the IOTC Scientific Committee has repeatedly stressed the importance of the timeliness of data submissions;

GIVEN that the activities of support vessels and the use of ~~f~~Fish ~~A~~ggregating ~~d~~Devices (FAD) are an integral part of the fishing effort exerted by the purse seine fleet;

~~CONSIDERING the provisions set forth in Resolution 15/02 on mandatory statistical reporting requirements for IOTC Contracting Parties and Cooperating Non-Contracting Parties (CPCs), adopted by the Commission in 2015;~~

NOTING the concern of the IOTC Scientific Committee~~s concern~~ that the lack of data from CPC fisheries under the mandate of the IOTC on the mortality of marine turtles and marine mammals undermines the ability to estimate levels of marine turtle and marine mammals bycatch and consequently the ~~IOTC's~~ capacity of the IOTC to respond and prevent adverse effects of fishing on these marine species;

FURTHER NOTING concern of the IOTC Scientific Committee~~s concern~~ about the impossibility to undertake assessments on the status of seabirds in the Indian Ocean, while acknowledging that some species are currently critically endangered, and that the lack of reporting of seabird interactions by CPCs seriously undermines the ability of IOTC to respond and prevent adverse effects of fishing on seabirds;

~~MINDFUL of the work of the Scientific Committee and the Working Parties in assessing the impacts of fisheries directed at species managed by the IOTC and on tuna stocks, by catch, and species belonging to the same ecosystem or dependent or associated with the activities of such fisheries in the Convention Area;~~

CONSIDERING the recommendations of the 17th Session of the IOTC Scientific Committee;

FURTHER CONSIDERING the call upon States, either individually, collectively or through regional fisheries management organisations and arrangements included in the United Nations General Assembly Resolution 67/79 on Sustainable fisheries to collect the necessary data in order to evaluate and closely monitor the use of fish aggregating devices and their effects on tuna resources and tuna behaviour and associated and dependent species, to improve management procedures to monitor the number, type and use of such devices and to mitigate possible negative effects on the ecosystem, including on juveniles and the incidental bycatch of non-target species, particularly sharks and turtles;

ADOPTS, in accordance with the provisions of Article IX, paragraph 1 of the IOTC Agreement, the following:

1. In this Resolution:

- (a) "coastal fisheries" means fisheries other than longline or surface, as defined below, also called artisanal fisheries;
- (b) "longline fisheries" means fisheries undertaken by vessels in the in the IOTC Record of Authorized Vessels that use longline gear; and
- (c) "surface fisheries" means all fisheries undertaken by vessels in the IOTC Record of Authorized Vessels other than longline fisheries: in particular those using purse seine, pole-and-line, gillnets, handlines and trolling gear.

~~1.2. Contracting Parties and Cooperating Non-Contracting Parties (CPCs)~~ shall provide the following information required in this Resolution to the IOTC Executive Secretary~~at~~ according to the timelines specified in paragraph 7:

~~2.3.~~ **Total catch data:**

(a) Estimates of the total catch by species and gear, if possible on a quarterly basis, that shall be submitted annually as required~~ferred~~ in paragraph 7 (separated, whenever possible, by retained catches in live weight, catches of live bait in weight, and by discards in live weight or numbers) for all fisheries directed at species under the IOTC mandate, live bait species as well as the most commonly caught elasmobranch species according to records of catches and incidents as established in Resolution 15/01 on the recording of catch and effort data by fishing vessels in the IOTC area of competence (or any subsequent superseding Resolution).

(b) Data ~~C~~oncerning cetaceans, mobulids rays, seabirds and marine turtles data should be provided as required stated in Resolutions 13/04 on Conservation of Cetaceans, Resolution 12/06 on reduction the incidental

bycatch of seabirds in longline fisheries, and [Resolution 12/04 on the conservation of marine turtles](#) (or any subsequent superseding resolutions), and [Resolution 19/03 on the conservation of Mobulid rays](#).

3.4. Catch and effort data shall be submitted as follows¹:

- a) ~~For s~~**Surface fisheries:** catch weight by species and fishing effort shall be provided by 1° grid area and month strata. Purse seine and pole and line fisheries data shall be stratified by fishing mode (e.g. free swimming schools or schools in association with floating objects, ~~fishing for live bait~~). The data shall be extrapolated to the total national monthly catches for each gear. Documents describing the extrapolation procedures (including raising factors corresponding to the logbook coverage) shall also be submitted routinely. Effort units reported should be consistent with those effort requirements of [Resolution 15/01](#) ~~(or any subsequent superseding revision)~~.
- b) **Longline fisheries:** catch by species, in numbers or weight, and effort as the number of hooks deployed shall be provided by 1~~5~~° grid area and month strata. Documents describing the extrapolation procedures (including raising factors corresponding to the logbook coverage) shall also be submitted routinely. For the work of relevant working parties under the IOTC Scientific Committee, longline data should be of a resolution of 1° grid area and month or finer. These data would be for the exclusive use of ~~the~~ IOTC Scientific Committee and its Working Parties, subject to the approval of the data owners and IOTC [Resolution 12/02 Data confidentiality policy and procedures](#), and should be provided for scientific use only in a timely fashion. Effort units reported should be consistent with those effort requirements of [Resolution 15/01](#) or any subsequent revision of such resolution.
- c) ~~For e~~**Coastal fisheries:** catches by species that shall be submitted annually as ~~required~~~~ferred~~ in paragraph 7, fishing gear and fishing effort shall be submitted frequently and may be provided using an alternative geographical area if it better represents the fishery concerned. Effort units reported should be consistent with ~~these~~ effort requirements of [Resolution 15/01](#) ~~(or any subsequent superseding revision)~~.
- (d) Provisions on catch and effort data, applicable to tuna and tuna-like species, shall also be applicable to the most commonly caught elasmobranch species according to records of catches and incidents as established in [Resolution 15/01 on the recording of catch and effort by fishing vessels in the IOTC area of competence](#) ~~(or any subsequent superseding Resolution)~~.

¹ ~~Longline fisheries: Fisheries undertaken by vessels in the IOTC Record of Authorized Vessels that use longline gear.~~

~~Surface fisheries: All fisheries undertaken by vessels in the IOTC Record of Authorized Vessels other than longline fisheries; in particular purse seine, pole and line, gillnet fisheries, handline and trolling vessels.~~

~~Coastal fisheries: Fisheries other than longline or surface, as defined above, also called artisanal fisheries.~~

5. Size data:

Size data shall be provided for all gears and for all species ~~referenced according to~~ paragraph 4 and following the ~~guidelines set out by the~~ procedures described in the *Guidelines for the reporting of fisheries statistics to the IOTC*. Size sampling shall be run under strict and well described random sampling schemes which are necessary to provide unbiased figures of the sizes taken. Sampling coverage shall be set to at least one fish measured by ton caught, by species and type of fishery, with samples being representative of all the periods and areas fished. Alternatively, size data for longline fleets may be provided as part of the Regional Observer Scheme where such fleets have at least 5% observer coverage of all fishing operations. Length data by species, including the total number of fish measured, shall be submitted by a 5° grid area by month, by gear and fishing mode (e.g. free swimming schools or schools in association with floating objects for the purse seiners). Documents covering sampling and raising procedures shall also be provided, by species and type of fishery. Levels of sampling shall be reported, as well as protocols for sampling and any change in the protocol

6. Considering ~~Given~~ that the activities of purse seine supply vessels and the use of FADs Fish Aggregating Devices (FAD) are an integral part of the fishing effort exerted by the purse seine fleet, CPCs shall provide the following data in a timely fashion for the exclusive use of the IOTC Scientific Committee and its Working Parties, subject to the approval of the data owners and in accordance with Resolution 12/02, Data confidentiality policy and procedures ~~shall be provided by CPCs:~~

a) ~~The~~ number and characteristics of purse seine supply vessels:

- (i) ~~(i)~~ operating under their flag;
- (ii) ~~(ii)~~; (ii) assisting purse seine vessels operating under their flag; or
- ~~(i)(iii)~~ (iii) licensed to operate in their exclusive economic zones, and that have been present in the IOTC area of competence;

~~a)b)~~ the ~~N~~ number of days at sea by purse seine and purse seine supply vessels by 1° grid area and month to be reported by the flag state of the supply vessel;

~~b)c)~~ The total number set by the purse seine and purse seine supply vessels per quarter, as well as:

- (i) ~~The~~ positions, dates at the time of setting, FAD identifier and FAD type (i.e. drifting log or debris, drifting raft or fad with a net, drifting raft or FAD without a net, anchored FADs and other FADs e.g. Payao, dead animal etc.); and
- (i) ~~(i)~~
- (ii) ~~(ii)~~
- (iii) ~~The~~ FAD design characteristics of each FAD (consistent with Annex 1 to Resolution 15/0819/02
- (iv) ~~(iv)~~
- ~~(v)(ii)~~ Procedures on a fishing aggregating devices (FADs) management Plan, including a limitation on the number of FADS, more detailed specifications of catch reporting from FAD sets, and the development of improved FAD designs to reduce the incidence of entanglement of non-target species).

7. ~~CPCs shall comply with the following. These data would be for the exclusive use of IOTC Scientific Committee and its Working Parties, subject to the approval of the data owners and in accordance with Resolution 12/02 *Data confidentiality policy and procedures*, and should be provided in a timely fashion.~~

~~Timeliness for~~ data submission to the IOTC ~~Executive Secretary~~:

a) ~~provisional data for longline vessels operating in the high seas shall be submitted for the previous year no later than 30 June and final data shall be submitted no later than 30 December;~~

a)b) ~~final data for a~~ All other vessels/fleets (including supply vessels) shall ~~be submitted~~ their final data for the previous year no later than 30 June;

c) ~~In case where the final data statistics cannot be submitted by the required date, at least preliminary statistics data should be provided.~~

b)d) ~~b~~ Beyond a delay of two years, all revisions of historical data should be formally reported on forms provided by the IOTC Secretariat, and duly justified. These reports should be made on forms provided by the IOTC Secretariat and reviewed by the IOTC Scientific Committee which. ~~The IOTC Scientific Committee~~ will advise the IOTC Secretariat if the revisions are ~~then~~ accepted for scientific use.

8. This Resolution supersedes Resolution 15/02 on *mandatory statistical requirements for IOTC Members and Cooperating Non-Contracting Parties (CPCs)*.