



منظمة الأغذية  
والزراعة  
للأمم المتحدة

联合国  
粮食及  
农业组织

Food  
and  
Agriculture  
Organization  
of  
the  
United  
Nations

Organisation  
des  
Nations  
Unies  
pour  
l'alimentation  
et  
l'agriculture

Organización  
de las  
Naciones  
Unidas  
para la  
Agricultura  
y la  
Alimentación

## COORDINATING WORKING PARTY ON FISHERY STATISTICS

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CWP QUESTIONNAIRE

Author: ICCAT

## ICCAT Response to CWP-23 Questionnaire

### **1. Whether does your organization maintain IUU list? If yes, please describe the criteria to determine whether a certain vessels/activities to be included in the list.**

Yes it is the RECOMMENDATION BY ICCAT FURTHER AMENDING THE RECOMMENDATION BY ICCAT TO ESTABLISH A LIST OF VESSELS PRESUMED TO HAVE CARRIED OUT ILLEGAL, UNREPORTED AND UNREGULATED FISHING ACTIVITIES IN THE ICCAT CONVENTION AREA

<http://www.iccat.int/Documents%5CRecs%5Ccompendiopdf-e%5C2009-10-e.pdf>

The criteria that define IUU vessels are:

- a) Harvest tunas and tuna-like species in the Convention area and are not registered on the ICCAT list of vessels authorized to fish for tuna and tuna-like species in the ICCAT Convention area;
- b) Harvest tuna and tuna-like species in the Convention area, whose flag State is without quotas, catch limit or effort allocation under relevant ICCAT conservation and management measures;
- c) Do not record or report their catches made in the ICCAT Convention area, or make false reports;
- d) Take or land undersized fish in contravention of ICCAT conservation measures;
- e) Fish during closed fishing periods or in closed areas in contravention of ICCAT conservation measures;
- f) Use prohibited fishing gear in contravention of ICCAT conservation measures;
- g) Transship with, or participate in joint operations such as re-supply or re-fuelling vessels included in the IUU vessels list;
- h) Harvest tuna or tuna-like species in the waters under the national jurisdiction of the coastal States in the Convention area without authorization and/or infringes its laws and regulations, without prejudice to the sovereign rights of coastal States to take measures against such vessels,
- i) Are without nationality and harvest tunas or tuna-like species in the ICCAT Convention area, and/or j) Engage in fishing activities contrary to any other ICCAT conservation and management measures.

### **2. Does your organization estimate the amount of catch taken by IUU activities? If so, please describe briefly the estimation procedures.**

ICCAT's Standing Committee on Research and Statistics has estimated the amount of IUU fishing in connection with some stock assessments. However, this exercise is not carried out routinely by ICCAT.

Two basic approaches have been used:

- 1) Comparison of international trade statistics and reported catches. An example of how this has been done is described in chapter 9 of the book by OECD (2004) "Fish Piracy: Combating IUU Fishing." This method tends to be quite sensitive to the factors that are used to convert traded amounts of various product types (lions, belly meat, etc) into round weight.

2) Multiplication of average catch rates by vessel type, times the number of vessels of different types that are known or thought to be operating (minus reported catch). This method can also be sensitive to the assumed catch rates.

**3. Please list the data that the organization collected from member states (including cooperating non-members), their format (e.g. questionnaires) and a set of classifications/codes used.**

1) ICCAT collects data that are used for compliance purposes. A description of the data reporting requirements and formats for these data can be found in:

<http://www.iccat.int/en/SubmitCOMP.htm>

2) Concerning fishery statistics (which is probably more relevant to CWP): ICCAT collects fishery information (statistics and biological data) from all countries, entities and fishing entities operating tuna, tuna-like and shark fisheries in the Atlantic Ocean and Mediterranean Sea. The information can be categorized in two groups: a) Yearly based global indicators of fishing capacity and species related biomass production (known as Task-I statistics), and, b) Detailed partial data on catch per unit effort and biological size sampling (known as Task-II statistics). Each dataset definition, usability, structure and formats are described below:

- Task-I fleet characteristics: Number of fishing vessels (operational, registered or licensed) per fleet and major gear, categorized by size (LOA), tonnage (GRT) classes and list of major targeted species. The form used to collect this information is **ST01-T1FC** (see link below for Forms).
- Task-I nominal catches: Species based catch estimations in live weight equivalent (landed and discarded) disaggregated by fleet, year, gear, stock, area and fishing waters. Those estimations are considered the best scientific estimates of biomass removals, and thus, widely used as the main stock Yield indicator on the assessments models used by ICCAT. This information is collect using form **ST02-T1NC**.
- Task-II catch & effort: Catch (all species catch composition) and effort statistics, disaggregated by fleet, gear, month, and geographical squares (5°x5° for longline and 1°x1° for other gears). It can be observed data obtained from various sources (log books, auction sales, port sampling, landing ports, transshipments, etc) or an equivalent estimation, raised to Task-I nominal catch. Mainly used on biomass abundance index studies and disaggregation of Task-I nominal catch into a fine grain (time-space) catch series. It is collected trough form **ST03-T2CE**.
- Task-II size sampling: Actual size frequencies (numbers) of fish sampled disaggregated by fleet, gear, sample unit, month, sampling area, and/or geographical square. It is the basic information used for estimating the size/age composition of the catches (catch-at-size and catch-at-age matrices) required on structured assessment models. The form used to collect this information is **ST04-T2SZ**.
- Additional data collected:
  - *Catch-at-size estimations*: size composition of the catch (Task-I weight equivalent) stratified by fleet, gear, time strata, and area strata. Mandatory only for bluefin, albacore, yellowfin, bigeye, skipjack and swordfish, and, the major fishing flags. This information is collected trough **ST05-CAS**.

- *Conventional tagging*: Release and recapture information of tuna, tuna like and sharks of conventional tagging experiments, made by ICCAT parties (or related scientific Institutions). Related information is collected using forms **TG01-CnvTSurv** and **TG02-CnvTReRc**.
- *Archival (electronic) tagging*. Inventory of archival tags that have been deployed by ICCAT parties (or related scientific Institutions). No information on movements is collected, only the basic data. The information is collected using form **TG03-EleTRe**.
- *Observer data*: Occasionally, ICCAT receives detailed “Observer data” (confidential status) that can be used on assessment studies. There is no standard structure or form available for this type of information.

Each form was drawn to be self explanatory in terms of structure, formats and codes. Thus, they have embedded the required formats and codes (available at [www.iccat.int/Forms/eforms\\_eng.zip](http://www.iccat.int/Forms/eforms_eng.zip)). Additional information related to the ICCAT coding system (standard codes adopted by the SCRS) is available at [http://www.iccat.int/en/Stat\\_Codes.htm](http://www.iccat.int/en/Stat_Codes.htm).

#### **4. Please provide the methodological description of national statistics, if available.**

ICCAT Contracting Parties and cooperating non-members submit an Annual Report each year to the Commission. It is a standard structure composed of two parts (Part-I: Information on Fisheries, Research and Statistics; Part-II: Management Implementation). These provide some description of how national statistics are collected. The Annual Reports are compiled and published on the ICCAT Biennial Reports Series -Vol. 3 (available at [www.iccat.int/en/pubs\\_biennial.htm](http://www.iccat.int/en/pubs_biennial.htm)).

In addition, scientists sometimes report results of their sampling and observer programs as part of the ICCAT Collective Volume of Scientific Papers ([http://www.iccat.int/en/pubs\\_CVSP.htm](http://www.iccat.int/en/pubs_CVSP.htm)). It would be extremely onerous for the ICCAT Secretariat to go through this collection of papers to extract such descriptions for the many fleets operated by the 48 Contracting Parties and 3 cooperating non-contracting parties.

#### **5. Please indicate the sections of the CWP Handbook that you considered outdated as well as those issues missing.**

No suggestions at this time.