

**SECRETARIAT REPORT TO THE PERMANENT WORKING GROUP
FOR THE IMPROVEMENT OF ICCAT STATISTICS AND CONSERVATION MEASURES (PWG)**

ICCAT Secretariat

NOTE: This report is based on information and submission transmitted until **15 October 2016**. Any information received after that deadline will be brought to the attention of the PWG Chair. This additional information shall not be translated.

1. Statistical Document and Bluefin Catch Document programmes

A comparison between the data from statistical documents (biannual swordfish and bigeye reports) and those of Task I is contained in document **PLE-105/2016** (Tables 14b and 14c, for swordfish and bigeye, respectively). Trade data in accordance with Rec. 06-13 are contained in Annex 1 to document **COC-303/16** (electronic version only).

- Validation and other information required

The validation information relating to the institutions and individuals authorised to validate the ICCAT statistical document is published on a password-protected page: <http://iccat.int/en/SDPsummary.asp>

For the biannual swordfish and bigeye reports of the second semester 2015 and the first semester 2016, the Secretariat has received a total of 19,781 records of import details, 10,907 of which relate to swordfish and 8,874 to bigeye tuna. These reports, made by the 12 CPCs that import these two species within the framework of the ICCAT Statistical Document Programme, reveal the existence of 1,417 import operations from unknown areas. In fact, they represent 9.31% and 4.53% of all records of import details relating to swordfish (i.e. 1,015 of 10,907) and bigeye tuna (i.e. 402 of 8,874), respectively. In the same period, the Secretariat has also observed that there have been 18 records of import details (i.e. 10 for swordfish and 8 for bigeye) from Tanzania for which there is no validation data in the ICCAT database. As regards re-export, there has only been one record for swordfish imported from Oman. This country has no validation data in the ICCAT database.

The publication of information regarding biannual reports is also carried out by the Secretariat in a password protected site: <http://www.iccat.int/en/SDPsummary.asp>

Imports from Tanzania (Indian Ocean) continue to be accepted by ICCAT CPCs even though the Secretariat has not yet received information on the validation authorities, despite a number of mail exchanges with this exporting entity in 2016. An import of swordfish caught by Oman in the Indian Ocean was accepted by a CPC, then re-exported to another CPC, but the Secretariat has not received any information on the validation authorities of this entity exporting to ICCAT CPCs.

In addition, the Secretariat has also observed that there are 46 exporting entities, known as "Unknown", from which ICCAT CPCs have imported some amounts of swordfish and bigeye, from areas considered "unknown".

In accordance with Rec. 11-20, a summary of the information received at the Secretariat related to the BCD is published on the ICCAT web site (<http://www.iccat.int/en/BCD.asp>). Details are available on the password protected page that is accessible from that link.

- BCD annual reports

In accordance with Rec. 11-20, these reports have been published on a password protected web site at: <http://www.iccat.int/en/BCD.asp>. Some CPCs did not submit the annual report: Egypt, Mexico and UK-OT and other CPCs submitted after the deadline of 1 October 2016: Albania, EU-Portugal, France SPM, Iceland and Korea.

- BCDs and BFTRC submission and processing

The Secretariat received, between 16 October 2015 and 15 October 2016, a total of 347 paper BCDs (with 3,892 splits) and 1,118 Bluefin Tuna Re-Export Certificates (BFTRC). The information from these documents is published on the web page at: <http://www.iccat.int/en/BCD.asp>

As mentioned in previous reports to the COC/PWG, the information on BCDs and re-export certificates is very often submitted to the Secretariat well after the "five working days following the date of validation" which is not in accordance with paragraph 19 of Rec. 11-20:

<i>CPC</i>	<i>Delay in communication of validated documents</i>
EU-Malta	An example of various issues: MT-14-052801-01-38 harvest, dated 9/12/2015 was sent on 03/03/2016. EU-Malta sent a version to correct the section on catch and this version included information on farming that had not yet been processed as it had not been sent to the Secretariat previously.
EU-Spain	In 2016, for example, several 2014 versions, validated in 2015, were sent: ES-14-000051-1-17 and ES-14-000051-1-18; FR-14-052951-11 and FR-14-052951-12 In April 2016, two cagings for 2013, validated in 2013, were sent for the first time: GR-13-320004/1 and FR/13/019231.
EU-Croatia	In January 2016, for a BCD of 2013, information on weight and number of fish is modified in the section of live trade: HRV-13-007005

Another issue of concern for the Secretariat was that the tag information was incomplete (the product shape, product type, weight (kg) were not received).

Requests from the Secretariat:

With the objective of improving the introduction of data in the database, the Secretariat is still asking the same as in previous reports to the PWG and would appreciate:

- receiving the original BCD and a copy of the new version, when Contracting Parties request correction, replacement or deletion of BCDs.

In addition, the Secretariat would like to remind that for the CPC sending BCDs with tags (as for example EU-Malta), the tag summary and the tag sample are compulsory in accordance with Rec. 11-20.

2. Progress on the eBCD system

The eBCD Technical Working Group (TWG) met three times in 2016 (25-27 January 2016 and 15-16 April 2016 in Madrid, 18-19 July in Sapporo and 7-8 September 2016 in Madrid). A report of the work undertaken by the TWG is presented in document **PWG_403/16**.

The TWG has requested the development of several functionalities under the flexible allotment, as well as the extension of the user support and maintenance contract.

The main functionalities accomplished since October 2015 are: domestic trade, development of the registered users' report in Excel, editing of sections after stereoscopic cameras figures, 3-month project of management and analysis of the new requests, 3-month maintenance and support (January to March 2016), eastern tagging average weight, validation harvesting and trade, fishing year and Japan issue (new campaign), updating western videos, new read-only CPC administrator, BFTRC adaptation, data extraction queries/reports, deletion of erroneous registers.

Following the decision taken by the eBCD TWG at its last meeting, the contract was extended for the User's Support (24 hours/7 days) for the period 26 May to 26 June 2016 and (16 hours/7 days) for the period 26 June to 30 November 2016. The Secretariat has signed an amendment based on the price negotiated with the Consortium. The TWG asked the Secretariat to request from the Consortium some cost-proposals for the extended support, once the current one finished in November 2016, for next year taking into account issues related to languages, zone hours, etc.

As far as contractual issues for the future of eBCD System are concerned, the TWG has developed some ideas, namely in terms of financing for both development, if any, and hosting / support which have been so far funded from the ICCAT Working Capital Fund. Discussions on this matter should take place at STACFAD based on ideas/options suggested by the TWG such as: users' payments, general budget at least for hosting/support component, identification of companies engaged in bluefin tuna trade devoted to payments using PayPal for instance. The TWG expressed the need for consultancy services which should be helpful.

Regarding the future role of the eBCD TWG, it was recommended to keep it as it is presently working but for a reduced number of meetings per year (1 to 2 maximum).

There were also 14 secondary technical issues which were discussed; these were split into two categories: technical ones and general ones which will need further and deep discussions.

Some items for the finalisation of the system are still pending policy decisions by the Commission. The system however has been in use since 1 May 2016 with some specific and temporary provisions, additional development and future user support/maintenance will require more funding over and beyond the amounts already set aside from the Working Capital Fund.

After the first months of activity of the system, the Secretariat, with the ICCAT Administrator profile of the eBCD system, noted the following:

- As it was the first year, many requests for assistance were registered from CPCs for different functions of the application. CPCs also requested assistance to edit or correct the information they had recorded.
- CPCs are complying with Rec. 15-10, i.e., all information on purse seine catches are directly recorded in the electronic system (except for those issues stipulated in paragraph 6 of Rec. 15-10).
- Most of the CPCs that sent paper BCDs/BFTRCs are actively using the electronic BCD system, such as Albania, Algeria, Egypt, European Union, Iceland; Libya; Morocco, Norway; Syria; Tunisia; Turkey and the United States.

In accordance with the *Recommendation by ICCAT to clarify and amend aspects of ICCAT's bluefin tuna catch documentation programme to facilitate the application of the eBCD system* [Rec. 15-10], paragraph 6, some CPCs have informed of their technical incidents on: <http://www.iccat.int/en/eBCDprog.asp>

The number of eBCDs recorded in the eBCD system from 01/01/2016 to 01/11/2016 is 7,348 for a total of bluefin tuna quantities of 16,611 t. There have been 376 paper BCDs which have been converted into eBCDs. No BFTRCs have been converted. The number of eBFTRCs recorded in the eBCD system from 01/01/2016 to 15/10/2016 is 39 for a total of bluefin tuna quantities of 23,305 t.

The first eBCD recorded this year was the one for bluefin tuna catch on 02/01/2016, and the first eBFTRC was processed on 08/02/2016.

Up to date, the development of eBCD system, its implementation and maintenance, have cost more than 1.63 million Euros. The expected yearly maintenance costs are on the order of €220,000-250,000. More details, based on the study of costs related to the implementation of the eBCD System, are given in document **STF_207/2016**.

3. ICCAT Regional Observer Programmes

PWG_402/16 contains the report on ICCAT Regional Observer Programme on transshipment, and **PA2_601/16** a report on the implementation of the ICCAT Regional Observer Programme for eastern Atlantic and Mediterranean bluefin tuna (ROP-BFT).

4. At-sea and in-port transshipment requirements and PNCs

CPC reports on transshipment (at sea and in port) are contained in Appendix 2 and Appendix 3 to **PWG_402/16**.

Issues regarding Potential Non Compliance (PNCs) raised by the Regional Observers Programme (ROP): Bluefin tuna, transshipment and tropical tunas, and the responses provided by CPCs are presented in the Secretariat report **COC-305/16** (three Annexes and four Appendices).

Request for clarification raised by ROP-Transshipments Consortium through the Secretariat:

The Consortium implementing the ROP-Transshipment has requested some clarification from the Secretariat regarding the definition of electronic logbooks for the purpose of issuing PNCs, as some observers have reported that they are shown what appears to be a simple spreadsheet in use as an "electronic logbook" rather than any official national version.

The Secretariat requests a clearer definition of electronic logbooks and a response to the question from the Consortium: "Should the observer record a PNC if the logbook is not shown in its working electronic form on a computer screen?"

In addition, the Consortium has noted that there is currently no requirement for CPCs to submit model transshipment authorizations, and request that the Commission give consideration to the possibility of making this a requirement.

5. Rules for chartering and other fishing arrangements

The summary reports on chartering submitted by Namibia for 2015 and 2016 and from South Africa for 2016 are contained in Appendix 2 to **COC_303/16**. The information received by the Secretariat, in accordance with paragraph 13 of Rec. 13-14 is presented in Table 3 to **COC_303/16**.

In accordance with Rec. 14-07, the summary of Access Agreements reported by CPCs by 15 October 2016 is available in Table 11 to **COC_303/2016**.

6. At-sea vessel sighting and inspection programs

As far as inspection programs are concerned, the Secretariat has prepared a summary table with the main findings of the inspections reports carried out under Rec. 14-04, Annex 7 (available as Table 1 to **COC_303/2016**).

7. Port inspection schemes and other port State measures

The *Recommendation by ICCAT for an ICCAT Scheme for Minimum Standards for Inspection in Port* [Rec. 12-07] imposes several obligations on CPCs.

The list of ports into which foreign vessels may enter, has been published on <http://iccat.int/en/Ports.asp> together with contacts and prior-entry request times.

In accordance with paragraph 20 of Rec. 12-07, the Secretariat has received copies of inspection reports completed from Cabo Verde, Morocco, Namibia, Senegal and South Africa. The Secretariat has not posted these reports to the ICCAT web site, as no infractions were reported. The reports are available electronically as Annex 7 to **COC_303/16**.

The Recommendation by ICCAT for an ICCAT Scheme for Minimum Standards for Inspection in Port [Rec. 12-07] requires CPCs to inspect at least 5 % of landing and transshipment operations in their designated ports made by foreign fishing vessels, and stipulates that the port CPC shall transmit a copy of the inspection report to the ICCAT Secretariat no later than 14 days following the date of completion of the inspection. Although from the information available, it would seem that this level of implementation remains lower than expected, a greater number of reports have been received during 2016 than in previous years.

Problems relating to technical capacity or economic inability by some CPCs to fully implement the inspection requirements may remain, but the Secretariat has not received any additional information since the intersessional meeting of the IMM Working Group (see Appendix 7 of the IMM Working Group report in **PLE_101/16**).

In 2016, Norway has contributed financially to the special Monitoring, Control and Surveillance Fund to support and strengthen the development and implementation of effective systems of port inspection by developing CPCs, in accordance with Rec. 14-08 and Rec. 12-07.

The Secretariat would appreciate more guidance from the Commission on how to proceed with the use of this fund.

8. Vessel listing requirements

Following the recommendations from the t-RFMOs on the Consolidated List of Authorized Vessels (CLAV, details in document **PLE-105/16**) the ICCAT vessels database now stores the IMO number (or any other International registry number required) when provided.

For the current status of the ICCAT Registry of vessels, refer to the summary given by **Table 1**. The ICCAT Record of vessels database is today an integrated system which manages:

- a) All information related to the different ICCAT vessel authorisation lists (Positive List –LOA>=20M [P20m], Mediterranean swordfish vessels [SWOM], E-BFT catching vessels [BFTc], vessels known as "E-BFT Other" [BFTo], carriers [Carr] and tropical fishing vessels [TROP]);
- b) Chartering agreements;

- c) Longliners [LSPLVs] authorised to tranship on carriers;
- d) The list of vessels having fished in the previous year in TROP, SWOM and BFTc fisheries (information also shared with Task I characteristics of fishing fleets, used by the SCRS).

This database provides information on fishing vessels (synchronised automatically) with several other ICCAT databases, i.e. the BCDs database, the weekly/monthly catch reports, BFT caging declarations, the VMS system, etc. which require specific information on vessels. This synchronisation also covers the electronic BCD (eBCD) system. In addition, the ICCAT Record of Vessels database is now synchronised with the CLAV database of the tuna RFMOs.

However, numerous shortcomings persist, such as the incomplete nature of vessel characteristics, especially those identified as mandatory. **Table 2** provides detailed information concerning this issue:

Essential attributes (despite important improvements registered throughout 2016) are still missing from the 31,619 vessels registered on the ICCAT vessel database, such as: national registration number (NatRegNo), international radio call sign (IRCS), vessel name (VessName), type of fishing vessel (ISSCFV), type of fishing gear (ISSCFG), length and tonnage, respectively for 100 vessels (0.3%), 18,459 vessels (58.4%), 27 vessels (0.1%), 6,174 vessels (19.5%), 6,001 (19%), 150 vessels (0.5%) and 287 vessels (0.9%). There is no information on vessel owner and operators for around 23% and 17% of vessels, respectively. These last attributes are also two important fields with a high level of "unknown" information. In some cases, the information has not been reported due to the national confidentiality laws of certain CPCs.

In relation to the IMO number (IntRegNo), at 15 October 2016, only 22.3% (7,050) of all registered vessels (31,619) had reported an IRN number. This proportion is significantly higher than that registered on the same date last year (2015); which was around 5.6%. This is largely the result of the efforts undertaken by the Secretariat, in collaboration with other tuna RFMOs, the FAO, CPCs and certain NGOs.

However, in light of the figures shown in **Table 4**, many efforts still have to be made so as to be in a position of compliance with the provisions of Rec. 13-13. At 15 October 2016, 42% of all the vessels 20m in length overall or greater (active, inactive and non-operational) registered in the ICCAT Record List do not have an IRN number (IMO or other).

Table 5 shows that 98% of P20m active vessels in the ICCAT Record of Vessels now have IRN numbers in accordance with Rec. 13-13, paras. 5bis/5tris; they are distributed as follows: 49% IMO, 1% LRN, 33% JUS, and 15% WOD.

In addition, almost 2.6% (281 registrations from a total of 10,740 vessels in all ICCAT lists) of all the vessel authorisation periods have expired dates (Date To <"15/10/2016") as shown below: The details are presented by **Table 3**:

	TOTAL	P20m	Carr	BFTc	BFTo	SWOM	TROP
No. of authorisations in the ICCAT lists	10,740	3,443	82	479	269	5,441	1,026
No. of authorisations in progress	10,459	3,363	77	392	260	5,378	989
No. of authorisations expired	281	80	5	87	9	63	37
Ratio of expired authorisations	2,6%	2.3%	6.1%	18.2%	3.3%	1.2%	3.6%

Given the list type, the situation is very heterogeneous. Expired dates concern 2.3% (80 vessels) of the registrations from the positive list (P20m), 6.1% registrations (5 carriers) from the Carrier list, 18.2% of registrations (87 vessels) from the E-BFT-Catch vessel list, 3.3% of registrations (9 vessels) from the E-BFT others list, 1.2% registrations (63 vessels) from the SWO-Med list, and 3.6% registrations (37 vessels), from the TROP list.

The integrity of the ICCAT Record of Vessels depends on the three following conditions:

1. Exhaustiveness of the information submitted on vessels,
2. Provision of missing information, essentially those identified to date as mandatory,
3. Compliance with stipulations in rules regarding deactivation of vessels whose authorisation periods have expired.

The Table 1 of Annex 4 to **COC_303/16** gives summaries of the Previous Year (2015) reporting lists (BFT-E, TROP, SWOM) in number of vessels by flag CPC and list. The three lists have now the same deadline as Task I (by July 31 each year).

The Table 1 of **PLE_105/16** summarises the 2016 data reporting status by flag CPC and ICCAT fishery (BFT-E, SWO-M, TROP, and others, with the respective deadlines in force).

9. Requirements of the Consolidated List of Vessels (CLAV)

The Report of the SCRS, **PLE-104/16** and the report of the Secretariat Report on Statistics and Coordination and Research **PLE-105/16** include the status of the project of migration of codes (VBA to Java), in particular the automatic synchronisation of the ICCAT-DB system (Record of vessels) of tuna RFMOs, on a similar basis as the eBCD system (vessels, traps, farms, ports, joint fishing operations).

The results obtained in these last two years as regards to this are mainly due to the efforts undertaken by the Secretariat within the framework of collaboration between other tuna RFMOs, the FAO, CPCs and other NGOs.

The Annual meeting of the Commission will be an opportunity to foresee the future of coordination of CLAV monitoring and data base maintenance, which will be necessary within the framework of the Kobe process. The Commission's decisions regarding this matter will be required.

10. Vessel Monitoring System requirements

The data and the tables concerning the VMS messages received at the Secretariat are contained in document **COC_303/2016**.

11. Flag State responsibilities

In 2016, the Secretariat has not received specific information in accordance with Rec. 03-12. Within the framework of the ROP programme for transshipment, Contracting Parties are sometimes informed of marking and identification are not correctly displayed on the LSPLV (refer to doc. **PWG_402/2016**, Appendix 1).

12. Review and establishment of the IUU vessel list

Senegal submitted to the Secretariat in February 2016 an inspection report from October 2015 in which the vessel "*Samudera Pasifik No. 18*" seems to have been involved in IUU activities. This vessel is on the ICCAT IUU list since 2013.

Senegal and the Secretariat requested some clarification to China, Liberia and Chinese Taipei who have submitted information as presented in document **COC_307/16**.

The WCPFC informed the Secretariat that compared to its 2015 IUU list, the 2016 IUU list had a supplementary note referring to the latest updates concerning vessels sightings. This information was circulated by the Secretariat to all CPCs. The Secretariat requested their 2016 IUU lists to IATTC and to IOTC.

IATCC informed that there were no change since the IUU 2014 list and IOTC informed that there were no changes since 2015. The draft ICCAT IUU list was distributed to CPCs for comments before 15 October 2016. The provisional list, for consideration and possible adoption by the Commission, is contained in document **PWG_405/16** with some background information provided by WCPFC and by IOTC.

Table 1. Number of vessels registered (total, active, inactive, inoperative) by flag CPC, and, number of authorisations per list type (source ICCAT vessel record, as of 2016-10-15).

Status	Flag of vessel	Vessels registered (number)				Authorisations (number) issued by List					
		Total	Active	Inactive	Inoperative	P20m	Carr	BFTc	BFTo	SWOM	TROP
CP	Albania	9	2	7	0	2	0	0	0	0	0
	Algerie	372	304	68	0	16	0	0	0	291	0
	Angola	2	2	0	0	2	0	0	0	0	0
	Belize	48	12	35	1	12	0	0	0	0	12
	Brazil	139	48	91	0	48	0	0	0	0	48
	Canada	156	0	156	0	0	0	0	0	0	0
	Cape Verde	26	3	23	0	3	0	0	0	0	3
	China PR	89	43	38	8	43	2	2	0	0	41
	Curaçao	19	13	6	0	13	6	0	0	0	7
	Côte d'Ivoire	3	2	1	0	2	0	0	0	0	2
	EU.Croatia	278	158	120	0	46	0	12	37	106	0
	EU.Cyprus	76	32	44	0	7	0	18	2	30	0
	EU.Denmark	2	0	2	0	0	0	0	0	0	0
	EU.España	3747	861	2151	735	625	2	126	75	218	230
	EU.France	5407	1614	3785	8	182	0	195	0	1456	39
	EU.Germany	4	4	0	0	4	0	0	0	0	0
	EU.Greece	1647	311	1320	16	57	0	37	0	257	0
	EU.Ireland	97	40	56	1	40	0	0	0	0	0
	EU.Italy	11038	2401	8481	156	481	0	30	34	1953	0
	EU.Lithuania	15	8	3	4	8	0	0	0	0	0
	EU.Malta	855	705	146	2	50	0	24	63	663	0
	EU.Netherlands	15	12	3	0	12	0	0	0	0	0
	EU.Portugal	604	81	513	10	75	0	0	5	14	66
	EU.United Kingdom	326	94	232	0	94	0	0	0	0	0
	Egypt	5	0	5	0	0	0	0	0	0	0
	El Salvador	5	5	0	0	5	0	0	0	0	4
	FR.St Pierre et Miquelon	1	1	0	0	1	0	0	0	0	1
	Ghana	53	39	13	1	37	2	0	0	0	37
	Guatemala	3	2	1	0	2	0	0	0	0	2
	Guinée Rep.	4	0	4	0	0	0	0	0	0	0
	Honduras	6	0	6	0	0	0	0	0	0	0
	Iceland	12	1	11	0	1	0	1	0	0	0
	Japan	526	210	314	1	208	3	31	3	0	199
	Korea Rep.	221	80	141	0	80	0	2	0	0	7
	Liberia	26	25	0	1	1	25	0	7	0	0
	Libya	81	41	40	0	41	0	0	1	6	0
	Maroc	1537	697	837	3	399	0	0	0	386	0
	Mauritania	5	0	5	0	0	0	0	0	0	0
	Mexico	33	18	15	0	11	0	0	0	0	18
	Namibia	44	21	19	4	21	0	0	0	0	0
	Norway	3	1	2	0	1	0	1	0	0	0
	Panama	173	86	87	0	64	41	0	23	0	45
	Philippines	27	0	27	0	0	0	0	0	0	0
	Russian Federation	19	12	7	0	12	0	0	0	0	0
	Senegal	24	18	5	1	15	0	0	0	0	18
	Sierra Leone	5	0	5	0	0	0	0	0	0	0
	South Africa	86	47	39	0	46	0	0	0	0	1
	St. Vincent and Grenadines	58	33	24	1	33	0	0	0	0	33
	Syria	21	1	20	0	1	0	0	0	0	0
	Trinidad and Tobago	32	20	12	0	20	0	0	0	0	19
	Tunisie	589	31	558	0	26	0	0	11	0	0
	Turkey	961	96	863	2	35	0	0	7	61	0
	U.S.A.	1717	447	1249	21	447	0	0	0	0	123
	UK.Bermuda	1	0	1	0	0	0	0	0	0	0
	UK.Sta Helena	1	1	0	0	1	0	0	0	0	0
	Uruguay	10	0	10	0	0	0	0	0	0	0
	Vanuatu	30	1	29	0	1	0	0	0	0	1
	Venezuela	128	10	117	1	10	0	0	0	0	0
NCC	Chinese Taipei	184	102	82	0	102	0	0	0	0	70
	Guyana	1	0	1	0	0	0	0	0	0	0
	Suriname	1	0	1	0	0	0	0	0	0	0
NCO	Colombia	1	0	1	0	0	0	0	0	0	0
	Ecuador	1	0	1	0	0	0	0	0	0	0
	Grenada	1	0	1	0	0	0	0	0	0	0
	Saint Kitts and Nevis	2	0	2	0	0	0	0	0	0	0
	Singapore	6	1	5	0	0	1	0	1	0	0
	Tuvalu	1	0	1	0	0	0	0	0	0	0
TOTAL		31619	8797	21842	977	3443	82	479	269	5441	1026

Table 2. Number of vessel registered in the ICCAT vessel record (by flag CPC) with the ratio (%) of incompleteness in important vessel attributes (source: ICCAT vessel record, as of 2016-10-15).

CPC Status	Flag of vessel	Vessels registered	Ratio (%) without information in:										
			NatRegNo	IntRegNo	IRCS	VessName	Owner	Operator	Isscfcv	Isscfcg	Length	Tonnage	
CP	Albania	9	0	78	78	0	0	0	0	0	0	0	0
	Algerie	372	0	96	94	0	1	1	0	0	0	0	0
	Angola	2	0	0	0	0	0	0	0	0	0	0	0
	Belize	48	0	48	0	0	25	25	0	4	0	0	0
	Brazil	139	2	37	64	0	0	1	0	0	0	0	0
	Canada	156	0	97	96	0	96	15	0	0	0	0	0
	Cape Verde	26	0	81	42	0	0	46	0	0	0	0	0
	China PR	89	0	31	2	0	0	13	0	0	0	0	0
	Curaçao	19	0	11	0	0	0	0	21	26	0	0	0
	Côte d'Ivoire	3	0	33	0	0	0	33	0	0	0	0	0
	EU.Croatia	278	1	68	46	0	0	0	0	2	0	0	0
	EU.Cyprus	76	7	91	32	0	3	13	3	13	3	3	3
	EU.Denmark	2	100	100	0	0	0	100	100	100	0	0	0
	EU.España	3747	0	18	61	0	0	0	65	54	0	0	0
	EU.France	5407	0	96	65	0	64	3	63	63	0	0	0
	EU.Germany	4	0	0	0	0	0	0	0	0	0	0	0
	EU.Greece	1647	0	96	39	0	14	20	0	0	0	0	0
	EU.Ireland	97	1	58	2	0	0	1	1	1	0	0	0
	EU.Italy	11038	0	95	69	0.2	28	27	0	0	0	0	0
	EU.Lithuania	15	0	33	0	0	0	0	0	7	0	0	0
	EU.Malta	855	1	93	1	0	2	3	2	3	0	0	0
	EU.Netherlands	15	13	20	7	0	13	13	13	13	7	7	7
	EU.Portugal	604	0	87	35	0.2	0	1	0	0	5	5	5
	EU.United Kingdom	326	1	26	0	0	0	1	0	2	0	40	40
	Egypt	5	40	60	20	0	0	40	40	40	0	0	0
	El Salvador	5	0	0	0	0	0	0	0	0	0	0	0
	FR.St Pierre et Miquelon	1	0	0	0	0	0	0	0	0	0	0	0
	Ghana	53	0	23	4	0	0	8	0	4	0	0	0
	Guatemala	3	0	0	0	0	0	0	0	0	0	0	0
	Guinée Rep.	4	0	75	0	0	0	75	0	25	0	0	0
	Honduras	6	17	83	0	0	0	17	17	17	0	0	0
	Iceland	12	0	67	58	0	0	0	0	8	0	0	0
	Japan	526	0	47	0	0	0	0	0	0	0	0	0
	Korea Rep.	221	0	37	0	0	0	4	0	0	0	0	0
	Liberia	26	0	0	0	0	12	12	0	0	0	0	0
	Libya	81	9	38	22	0	6	11	9	9	6	6	6
	Maroc	1537	0	56	96	0	21	23	10	18	5	5	5
	Mauritania	5	0	100	100	0	0	0	0	0	0	0	0
	Mexico	33	0	97	100	0	0	0	0	0	0	0	0
	Namibia	44	0	30	0	0	0	0	0	0	0	0	0
	Norway	3	0	0	0	0	0	0	0	0	0	0	0
	Panama	173	1	43	0	0	1	4	4	10	1	1	1
	Philippines	27	0	52	0	0	0	0	0	0	0	0	0
	Russian Federation	19	0	0	0	0	0	0	0	47	0	0	0
	Senegal	24	0	33	13	0	0	0	0	0	0	0	0
	Sierra Leone	5	0	100	0	0	0	0	20	20	0	0	0
	South Africa	86	2	64	0	0	0	0	0	0	2	2	2
	St. Vincent and Grenadines	58	0	38	0	0	2	5	2	19	0	0	0
	Syria	21	0	95	95	0	0	0	0	5	0	0	0
	Trinidad and Tobago	32	6	22	31	0	0	0	0	31	0	0	0
	Tunisie	589	0	92	68	0	1	2	0	2	0	0	0
	Turkey	961	0	81	47	0	0	9	9	12	0	0	0
	U.S.A.	1717	1	70	57	0	4	60	0	0	0	0	0
	UK.Bermuda	1	100	100	0	0	100	100	100	100	0	0	0
	UK.Sta Helena	1	0	0	0	0	0	0	0	0	0	0	0
	Uruguay	10	0	100	0	0	10	0	0	0	0	0	0
	Vanuatu	30	0	43	0	0	0	10	0	17	0	0	0
	Venezuela	128	3	82	2	0	0	81	0	0	0	0	0
NCC	Chinese Taipei	184	0	28	0	0	0	0	0	0	0	0	0
	Guyana	1	0	100	0	0	0	0	0	100	0	0	0
	Suriname	1	0	100	100	0	0	100	0	0	0	0	0
NCO	Colombia	1	0	100	0	0	0	0	0	0	0	0	0
	Ecuador	1	0	100	0	0	0	0	0	0	0	0	0
	Grenada	1	100	100	0	0	0	100	100	100	100	100	100
	Saint Kitts and Nevis	2	0	100	0	0	0	0	0	0	0	0	0
	Singapore	6	0	50	0	0	0	0	0	83	0	0	0
	Tuvalu	1	0	0	0	0	0	0	0	100	0	0	0
TOTAL (number)		31619	100	24569	18459	27	7354	5237	6174	6001	150	287	
Overall incompleteness ratio (%)		100	0.3	77.7	58.4	0.1	23.3	16.6	19.5	19.0	0.5	0.9	

Table 3. Number (and corresponding ratios) of vessels with expired dates (DateTo < 2016-10-15) on the various ICCAT lists (source: ICCAT vessel record, as of 2016-10-15).

Status	Flag of vessel	Total Vessels Registered	Number of active vessels in:						Number of vessels with dates expired in:						Ratio (%) of dates expired in:					
			P20m	Carr	BFTc	BFTo	SWOM	TROP	P20m	Carr	BFTc	BFTo	SWOM	TROP	P20m	Carr	BFTc	BFTo	SWOM	TROP
CP	Albania	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Algeria	372	16	0	0	0	291	0	0	0	0	0	0	0	0	0	0	0	0	0
	Angola	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Belize	48	12	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0
	Brazil	139	48	0	0	0	0	48	14	0	0	0	0	13	29	0	0	0	0	27
	Canada	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cape Verde	26	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
	China PR	89	43	2	2	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0
	Curacao	19	13	6	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
	Côte d'Ivoire	3	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Croatia	278	46	0	12	37	106	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Cyprus	76	7	0	18	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Denmark	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.España	3747	625	2	126	75	218	230	0	0	0	0	0	0	0	0	0	0	0	0
	EU.France	5407	182	0	195	0	1456	39	0	0	87	0	0	0	0	45	0	0	0	0
	EU.Germany	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Greece	1647	57	0	37	0	257	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Ireland	97	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Italy	11038	481	0	30	34	1953	0	0	0	0	2	0	0	0	0	0	0	0	0
	EU.Lithuania	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Malta	855	50	0	24	63	663	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Netherlands	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Portugal	604	75	0	0	5	14	66	0	0	0	0	0	0	0	0	0	0	0	0
	EU.United Kingdom	326	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Egypt	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	El Salvador	5	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
	FR.St Pierre et Miquelon	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Ghana	53	37	2	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0
	Guatemala	3	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	Guinée Rep.	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Honduras	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Iceland	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Japan	526	208	3	31	3	0	199	0	0	0	0	0	0	0	0	0	0	0	0
	Korea Rep.	221	80	0	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
	Liberia	26	1	25	0	7	0	0	0	4	0	0	0	0	16	0	0	0	0	0
	Libya	81	41	0	0	1	6	0	3	0	0	1	0	7	0	0	100	0	0	0
	Maroc	1537	399	0	0	0	386	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mauritania	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mexico	33	11	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0
	Namibia	44	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Norway	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Panama	173	64	41	0	23	0	45	2	1	0	2	0	3	2	0	9	0	0	0
	Philippines	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Russian Federation	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Senegal	24	15	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0
	Sierra Leone	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	South Africa	86	46	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	St. Vincent and Grenadines	58	33	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0
	Syria	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trinidad and Tobago	32	20	0	0	0	0	19	20	0	0	0	0	19	100	0	0	0	0	100
	Tunisie	589	26	0	0	11	0	0	0	0	0	1	0	0	0	0	9	0	0	0
	Turkey	961	35	0	0	7	61	0	32	0	0	5	61	91	0	0	71	100	0	0
	U.S.A.	1717	447	0	0	0	0	123	5	0	0	0	5	1	0	0	0	0	0	4
	UK.Bermuda	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	UK.Sta Helena	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Uruguay	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vanuatu	30	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Venezuela	128	10	0	0	0	0	0	4	0	0	0	0	40	0	0	0	0	0	0
NCC	Chinese Taipei	184	102	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0
	Guyana	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Suriname	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NCO	Colombia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ecuador	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Grenada	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Saint Kitts and Nevis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Singapore	6	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tuvalu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL (number, %)	31619	3443	82	479	269	5441	1026	80	5	87	9	63	37	2.3	6.1	18.2	3.3	1.2	3.6

Table 4. Total number of registered vessels with LOA >= 20 m (by Vessel group and Flag CPC) versus the equivalent sub-totals without IMO number (source: ICCAT vessel record, as of 2016-10-15).

Status	Flag of Vessel	Number of vessels registered with LOA >= 20 m								Ratios (%) of vessels without IMO number			
		Totals				Without IMO number				Total	Fishing	Support	Unknown
		Total	Fishing	Support	Unknow	Total	Fishing	Support	Unknown				
CP	Albania	7	7	0	0	5	5	0	0	71	71		
	Algeria	24	24	0	0	9	9	0	0	38	38		
	Angola	2	2	0	0	0	0	0	0				
	Belize	48	39	9	0	23	23	0	0	48	59		
	Brazil	139	139	0	0	51	51	0	0	37	37		
	Canada	9	9	0	0	5	5	0	0	56	56		
	Cape Verde	26	26	0	0	21	21	0	0	81	81		
	China PR	89	86	3	0	28	28	0	0	31	33		
	Curaçao	19	5	10	4	2	0	0	2	11			50
	Côte d'Ivoire	3	3	0	0	1	1	0	0	33	33		
	EU.Croatia	120	62	58	0	44	31	13	0	37	50	22	
	EU.Cyprus	25	18	7	0	18	13	5	0	72	72	71	
	EU.Denmark	2	0	0	2	2	0	0	2	100			100
	EU.España	885	669	81	135	212	179	23	10	24	27	28	7
	EU.France	283	275	5	3	92	89	0	3	33	32		100
	EU.Germany	4	4	0	0	0	0	0	0				
	EU.Greece	94	84	8	2	35	25	8	2	37	30	100	100
	EU.Ireland	82	80	1	1	41	39	1	1	50	49	100	100
	EU.Italy	855	724	125	6	354	317	31	6	41	44	25	100
	EU.Lithuania	15	10	5	0	5	4	1	0	33	40	20	
	EU.Malta	63	12	51	0	8	1	7	0	13	8	14	
	EU.Netherlands	14	9	4	1	2	1	0	1	14	11		100
	EU.Portugal	120	115	4	1	39	39	0	0	33	34		
	EU.United Kingdom	324	317	6	1	84	77	6	1	26	24	100	100
	Egypt	4	2	0	2	2	0	0	2	50			100
	El Salvador	5	5	0	0	0	0	0	0				
	FR.St Pierre et Miquelon	1	1	0	0	0	0	0	0				
	Ghana	53	51	2	0	12	12	0	0	23	24		
	Guatemala	3	3	0	0	0	0	0	0				
	Guinée Rep.	4	3	1	0	3	3	0	0	75	100		
	Honduras	6	2	3	1	5	2	2	1	83	100	67	100
	Iceland	5	5	0	0	1	1	0	0	20	20		
	Japan	526	520	6	0	245	245	0	0	47	47		
	Korea Rep.	221	220	1	0	81	81	0	0	37	37		
	Liberia	26	0	26	0	0	0	0	0				
	Libya	76	67	7	2	26	17	7	2	34	25	100	100
	Maroc	441	435	4	2	60	57	2	1	14	13	50	50
	Mexico	24	24	0	0	23	23	0	0	96	96		
	Namibia	43	43	0	0	12	12	0	0	28	28		
	Norway	3	3	0	0	0	0	0	0				
	Panama	162	79	77	6	64	38	24	2	40	48	31	33
	Philippines	27	27	0	0	14	14	0	0	52	52		
	Russian Federation	19	19	0	0	0	0	0	0				
	Senegal	21	20	1	0	5	5	0	0	24	25		
	Sierra Leone	5	4	0	1	5	4	0	1	100	100		100
	South Africa	72	72	0	0	41	41	0	0	57	57		
	St. Vincent and Grenadines	58	49	8	1	22	14	7	1	38	29	88	100
	Syria	3	3	0	0	2	2	0	0	67	67		
	Trinidad and Tobago	32	32	0	0	7	7	0	0	22	22		
	Tunisie	94	49	45	0	46	25	21	0	49	51	47	
	Turkey	530	367	83	80	343	225	40	78	65	61	48	98
	U.S.A.	1357	1357	0	0	845	845	0	0	62	62		
	UK.Bermuda	1	0	0	1	1	0	0	1	100			100
	UK.Sta Helena	1	1	0	0	0	0	0	0				
	Uruguay	10	10	0	0	10	10	0	0	100	100		
	Vanuatu	30	15	15	0	13	12	1	0	43	80	7	
	Venezuela	127	127	0	0	104	104	0	0	82	82		
NCC	Chinese Taipei	184	184	0	0	51	51	0	0	28	28		
	Guyana	1	0	1	0	1	0	1	0	100			100
	Suriname	1	1	0	0	1	1	0	0	100	100		
NCO	Colombia	1	1	0	0	1	1	0	0	100	100		
	Ecuador	1	1	0	0	1	1	0	0	100	100		
	Saint Kitts and Nevis	2	2	0	0	2	2	0	0	100	100		
	Singapore	6	0	6	0	3	0	3	0	50			50
	Tuvalu	1	0	1	0	0	0	0	0				
TOTAL		7439	6523	664	252	3133	2813	203	117	42	43	31	46

Table 5. Vessels registered and active in the positive list (LOA>=20m) by International registry number (IntRegNo) and flag CPC (source: ICCAT vessel record, as of 2016-10-15).

Status	Flag of vessel	Vessels registered	Vessels active (any list)	Vessels active in the positive list: total & by IntRegNo type						Ratios (%) with:					
				Total	IMO	LRN	JUS	WOD	none	IMO	LRN	JUS	WOD	none	
CP	Albania	9	2	2	1	1	0	0	0	0	50	50	0	0	0
	Algerie	372	304	16	6	0	9	0	1	38	0	56	0	6	0
	Angola	2	2	2	2	0	0	0	0	100	0	0	0	0	0
	Belize	48	12	12	12	0	0	0	0	100	0	0	0	0	0
	Brazil	139	48	48	16	0	19	13	0	33	0	40	27	0	0
	Canada	156	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cape Verde	26	3	3	3	0	0	0	0	100	0	0	0	0	0
	China PR	89	43	43	43	0	0	0	0	100	0	0	0	0	0
	Curaçao	19	13	13	13	0	0	0	0	100	0	0	0	0	0
	Côte d'Ivoire	3	2	2	2	0	0	0	0	100	0	0	0	0	0
	EU.Croatia	278	158	46	39	0	0	5	2	85	0	0	11	4	0
	EU.Cyprus	76	32	7	5	0	2	0	0	71	0	29	0	0	0
	EU.Denmark	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.España	3747	861	625	382	0	234	9	0	61	0	37	1	0	0
	EU.France	5407	1614	182	101	0	65	16	0	55	0	36	9	0	0
	EU.Germany	4	4	4	4	0	0	0	0	100	0	0	0	0	0
	EU.Greece	1647	311	57	0	0	55	2	0	0	0	96	4	0	0
	EU.Ireland	40	40	38	0	0	0	2	0	95	0	0	5	0	0
	EU.Italy	11038	2401	481	101	0	326	54	0	21	0	68	11	0	0
	EU.Lithuania	15	8	8	8	0	0	0	0	100	0	0	0	0	0
	EU.Malta	855	705	50	25	0	21	4	0	50	0	42	8	0	0
	EU.Netherlands	15	12	12	12	0	0	0	0	100	0	0	0	0	0
	EU.Portugal	604	81	75	62	0	8	5	0	83	0	11	7	0	0
	EU.United Kingdom	326	94	94	94	0	0	0	0	100	0	0	0	0	0
	Egypt	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	El Salvador	5	5	5	5	0	0	0	0	100	0	0	0	0	0
	FR.St Pierre et Miquelon	1	1	1	1	0	0	0	0	100	0	0	0	0	0
	Ghana	53	39	37	37	0	0	0	0	100	0	0	0	0	0
	Guatemala	3	2	2	2	0	0	0	0	100	0	0	0	0	0
	Guinée Rep.	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	Honduras	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	Iceland	12	1	1	1	0	0	0	0	100	0	0	0	0	0
	Japan	526	210	208	208	0	0	0	0	100	0	0	0	0	0
	Korea Rep.	221	80	80	80	0	0	0	0	100	0	0	0	0	0
	Liberia	26	25	1	1	0	0	0	0	100	0	0	0	0	0
	Libya	81	41	41	32	0	3	6	0	78	0	7	15	0	0
	Maroc	1537	697	399	9	0	0	360	30	2	0	0	90	8	0
	Mauritania	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mexico	33	18	11	0	0	0	0	11	0	0	0	0	100	0
	Namibia	44	21	21	18	0	2	1	0	86	0	10	5	0	0
	Norway	3	1	1	1	0	0	0	0	100	0	0	0	0	0
	Panama	173	86	64	31	0	28	5	0	48	0	44	8	0	0
	Philippines	27	0	0	0	0	0	0	0	0	0	0	0	0	0
	Russian Federation	19	12	12	12	0	0	0	0	100	0	0	0	0	0
	Senegal	24	18	15	14	0	1	0	0	93	0	7	0	0	0
	Sierra Leone	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	South Africa	86	47	46	21	0	0	9	16	46	0	0	20	35	0
	St. Vincent and Grenadines	58	33	33	9	0	24	0	0	27	0	73	0	0	0
	Syria	21	1	1	0	0	0	1	0	0	0	0	100	0	0
	Trinidad and Tobago	32	20	20	3	0	17	0	0	15	0	85	0	0	0
	Tunisie	589	31	26	11	0	2	12	1	42	0	8	46	4	0
	Turkey	961	96	35	16	0	19	0	0	46	0	54	0	0	0
	U.S.A.	1717	447	447	111	31	305	0	0	25	7	68	0	0	0
	UK.Bermuda	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	UK.Sta Helena	1	1	1	0	0	1	0	0	0	0	100	0	0	0
	Uruguay	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vanuatu	30	1	1	1	0	0	0	0	100	0	0	0	0	0
	Venezuela	128	10	10	2	0	0	0	8	20	0	0	0	80	0
NCC	Chinese Taipei	184	102	102	102	0	0	0	0	100	0	0	0	0	0
	Guyana	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Suriname	1	0	0	0	0	0	0	0	0	0	0	0	0	0
NCO	Colombia	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ecuador	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Grenada	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Saint Kitts and Nevis	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Singapore	6	1	0	0	0	0	0	0	0	0	0	0	0	0
	Tuvalu	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL (number, %)	31619	8797	3443	1697	32	1141	504	69	49	1	33	15	2	0