

Original: English/French/Spanish

**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 **13 October 2017**. Any information received after that deadline will be brought to the attention of the PWG Chair. This additional information shall not be translated.

1 Statistics documents and bluefin catch documentation programmes

A comparison between statistical documents data (bi-annual swordfish and bigeye reports) and Task I nominal catch data is provided in document **PLE_105/2017** (Tables 22 and 23 for swordfish and bigeye, respectively). Trade data in accordance with Rec. 06-13 are contained in Annex 1 of **COC_303/2017** (electronic version only).

– Validation and other information required

Validation information on institutions and people authorised to validate the ICCAT statistical document is published on a password protected website: <http://iccat.int/en/SDPsummary.asp>

In accordance with Recs. 01-21 and 01-22, bi-annual Statistical Documents (SD) and/or Re-export Certificates (RC) of swordfish (SWO) and bigeye (BET), for the second semester of 2016 and first semester of 2017, were received by the Secretariat from the following CPCs: Canada, China, Côte d'Ivoire, EU (all flags combined), Japan, Korea, Norway, Senegal, Turkey, USA, Chinese Taipei and Singapore, as summarized in Table 21 of **PLE_105/2017**. Responses to the Secretariat's requests for clarifications from Ghana and Trinidad and Tobago have not yet been provided; the data of their bi-annual SD reports will be used next year.

These reports reveal that some quantities of these two species continue to be imported from unknown areas making it difficult to distinguish the origin of the fish, and make the comparison with Task I data impossible. They show also that imports continue to be made from fishing flags whose validation information has never been submitted to the Secretariat. To date, no validation information has yet been received from Tanzania, although Japan continues to import SWO from this country. Other CPCs have also had some imports from Tanzania, namely Chinese Taipei (SWO and BET) and the US (SWO). The Secretariat has again requested this information from Tanzania. Papua New Guinea has had some BET exports to EU-Spain, but no validation information has yet been received. The Secretariat has requested this information from Papua New Guinea. In addition, it should be noted that the Secretariat requested from Guyana information on its validation authorities and it has been communicated for the two species.

It should be noted that new importing countries of these two species have been detected, namely Burkina Faso (BET), Israel (BET), United Arab Emirates (SWO), EU-Sweden (SWO), EU-Germany (BET and SWO), EU-Belgium (SWO) and Saudi Arabia (SWO). The Secretariat will contact the four that are not ICCAT Contracting Parties, Entities or Fishing Entities, as stipulated in paragraph 11 of Recs. 01-21 and 01-22, in order to request their cooperation as well as submission of statistical documents data reports.

Information on bi-annual reports is published on the password protected website: <http://www.iccat.int/en/SDPsummary.asp>

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.

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– 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>. No report has been received from EU-France, EU-Italy and EU-The Netherlands.

– BCDs and BFTRC submission and processing

The Secretariat received, between 17 October 2016 and 13 October 2017: 2 paper BCDs (both from 2016), 910 splits (approximately 90% from 2015) and 730 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>

– Implementation of the eBCD system

The eBCD Technical Working Group (TWG) met once in 2017, but no report from the meeting is available. As the Secretariat did not receive any technical specifications or confirmation of the developments requested by the TWG, no request for additional development was made to TRAGSA. Therefore, some issues remain pending. For example, the Secretariat has received from different CPCs the request that it be possible to download from the eBCD system the annual report with the dates established in Rec. 11-20, paragraph 34, i.e. 1 July to 30 June. This would involve a change to the system and it has not yet been possible to request this change from the Consortium. Another new function was requested at the Bluefin Tuna Data Preparatory Meeting in March 2017 concerned with the inclusion in the eBCD system of spatial geolocation (lat/lon) of fishing operations.

The system has been in use since 1 May 2016 with some specific and temporary provisions, in compliance with Rec. 15-10. Additional development and future user support/maintenance might require more funding over and beyond the amounts already set aside from the Working Capital Fund. A proposal from the TWG Chair on the funding of the system is contained in document **STF-207/17**.

The report of the Consortium concerning the use by the Contracting Parties of the eBCD system is presented in document **PWG-403 /17**.

The Secretariat, with the profile of ICCAT Administrator in the eBCD system, would like to make the following observations:

Since it is the second year, fewer requests by CPCs for assistance with different functions of the application were registered compared to 2016, as well as with editing and correction of information that they recorded. The Secretariat and TRAGSA continue to assist CPCs with tasks which their administrators are authorised to carry out. This year, in particular, there have been a large number of requests for registration of validators. EU-Italy is a case in point; they requested more than one thousand new users with this role, when CPCs can upload their request for new validators using the form that can be downloaded from the eBCD, before the Secretary, in turn, requests the issue of digital certificates from TheServerLab.

In terms of the quantity of digital certificates, taking into account that this year 1343 new ones have been requested and 258 have been renewed, the Secretary will need to know an approximate estimate of the number of certificates envisaged when the next budget is negotiated with the consortium.

CPCs are complying with Rec. 15-10, i.e. in 2017, all purse seine catches were recorded directly in the electronic system, except in the cases stipulated in paragraph 6 of Rec. 15-10. These cases involving a technical issue are published on the website: <http://www.iccat.int/en/eBCDprog.asp>

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The number of eBCDs recorded in the eBCD system from 01/11/2016 to 16/10/2017 is 12231 for a total quantity of 23405 t of bluefin tuna. There have been 1543 paper BCDs which have been converted into eBCDs. No BFTRC has been converted. The number of eBFTRCs recorded in the eBCD system from 11/01/2016 to 16/10/2017 is 398. 17 of these BFTRCs had not been validated at the time of writing this report, amounting to a total of 77 t.

2 ICCAT Regional Observer Programmes

Document **PWG_402/17** contains the report on ICCAT Regional Observer Programme on transshipment, and document **PA2_601/17** a report on the implementation of the ICCAT Regional Observer Programme for eastern Atlantic and Mediterranean bluefin tuna (ROP-BFT). The consortium has requested clarification on some issues and these have been directed to Panel 2.

The Secretariat would like to raise the need for the Contracting Parties involved in the BFT-ROP programme to inform their farms that the BFT-ROP observer has to sign the farming and/or harvest information section in the eBCD while deployed in the farm, before the government validation, and not afterwards. If there are some changes several months later due to the stereoscopic data, the change can be registered after in the eBCD by the government authority. This issue is raised by the Secretariat who has had to sign on behalf of some BFT-ROP observers several eBCDs several months after the deployment at the farm.

3 At-sea and in-port transshipment requirements

CPC reports on transshipment (at sea and in port) are contained in Annex 1 and Annex 2 to **PWG_402/17**, Appendix 2 of which contains the comprehensive reports assessing the content and conclusions of observer reports.

4 Rules for chartering and other fishing arrangements

The summary reports on chartering in 2016 submitted by Namibia and South Africa are contained in Appendix 2 to **COC_303/17**. The information received by the Secretariat, in accordance with paragraph 13 of Rec. 13-14 is presented in Table 11 to **COC_303/17**.

In accordance with Rec. 14-07, the summary of Access Agreements reported by CPCs is available in Table 12 to **COC_303/2017**.

5 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 9 to **COC_303/2017**). The European Union (EU) has come across four inspections on Tunisian vessels that have concluded with a statement of potential non-compliance. The information submitted by the EU and Tunisia is presented in document **COC-307/17**.

In addition, Turkey informed the Secretariat of two cases of non-compliance by two EU-Greece vessels of Rec. 14-04, Annex 7 and Rec. 16-05, Annex 1. The information has been transmitted to the European Union. At the time of writing this report, that information had been circulated to Contracting Parties in the draft IUU list and is pending its continuance on or removal from the provisional IUU list.

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6 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 from Cabo Verde, Morocco, Namibia, Senegal, South Africa and Tunisia. The Secretariat has not posted these reports on the ICCAT web site, as no infractions were reported. South Africa, which is a Contracting Party to both ICCAT and IOTC is using the electronic Port State Measures reporting system implemented by IOTC. Since mid-2017, the IOTC has kindly incorporated the relevant ICCAT referentials into their system to allow South Africa to use this system to also report to ICCAT. The system is working well and 32 reports have been received from South Africa through ePSM since July 2017.

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. The Working Group of Port Inspection Experts met in Madrid, 9-10 October 2017, to consider ways to provide assistance to developing States to implement this measure. The findings of this group are contained in document **PWG-406/17**. The PWG, followed by the Commission, are requested to endorse the questionnaires developed by the Working Group, in order to proceed to the next steps.

Request for clarification: Given the requirement in Rec. 12-07, paragraph 20 to receive copies of all inspection reports, the Secretariat would appreciate guidance regarding what should be done with the reports which do not contain infractions.

7 Vessel registration requirements and CLAV requirements (Consolidated list of authorised vessels)

Following the recommendations made by the tuna RFMOs on the Consolidated list of authorised vessels (CLAV, details contained in document **PLE_105/17**), the ICCAT vessel database contains the IMO number (or any other international registration number), provided that it is supplied.

For the current state of the ICCAT Record of Vessels, please see the summary contained in **Table 1**. The ICCAT Record of Vessels database is now an integrated system that manages:

- a) Any information from a total of eleven ICCAT vessel authorisation lists: the positive list – LOA \geq 20M [P20m], the four new vessel lists whose authorisations are associated with the P20m list (North and South Atlantic swordfish: SWOn and SWOs; North and South Atlantic albacore: ALBn and ALBs), the Mediterranean swordfish vessels list [SWOm], the new Mediterranean albacore vessels list [ALBm], the E-BFT catching vessels list [BFTc], the “E-BFT”-other vessels list [BFTo], the carrier vessels list [Carr] and the tropical fishing vessels list [Trop]);
- b) Vessels subject to chartering agreements;
- c) Longliners [LSPLVs] authorised to tranship to carrier vessels;
- d) The list of vessels that have carried out fishing operations in the previous year in the TROP, SWOm and BFTc fisheries (information also shared with Task I fishing fleet characteristics, used by the SCRS to manage the remainder ICCAT fisheries presented in Table 1 of PLE-105).

The inclusion in 2017 in the ICCAT Record of Vessels of five new Authorisation Lists (VRL) has increased the number of active vessels to 28000. The number of active vessels in the same period in 2016 was 8797.

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Reporting issues still persist, such as incomplete reporting of vessel characteristics, in particular, those identified as mandatory. **Table 2** provides detailed information by CPC in this regard.

The 50958 vessels registered in the ICCAT vessels database still lack essential information (despite the significant improvements in 2017), such as, in particular, the National Registration Number (NatRegNo), the International Radio Call Sign (IRCS), type of fishing vessel (ISSCFV), type of fishing gear (ISSCFG) and tonnage. For around 21% and 17% of vessels, there is no information respectively on the vessel owners and operators. In some cases, it appears that the information is not reported because of the national laws on confidentiality of some CPCs.

The figures contained in **Table 3** show that all the 3941 vessels (3826 in the positive lists and 115 in the carrier/support vessels list) with a length of 20 metres or greater that are active in one or several of the eleven ICCAT Record of Authorisation Lists, now comply with paragraphs 5bis/5tris of Rec. 13-13, as long as they have been allocated an International Registration Number (IMO, LRN, JUS or WOD). They are distributed as follows: 44% IMO, 1% LRN, 30% JUS, and 25% WOD. Only for two active vessels this information is “unknown”.

Since the Commission authorised the Secretariat to deactivate each vessel whose authorisation/s have expired, by more than 45 days, in one or several lists, a number of vessels with expired authorisations are regularly moved to the ICCAT Record of Inactive Vessels. This rule does not cover carrier vessels for which the Secretariat requests, whenever it is necessary to do so, confirmation from CPCs with vessels with expired authorisations (≥ 45 days).

Requests from the Secretariat:

Duplication of vessels:

Mindful of the integrity of the ICCAT Record of Vessels, the Secretariat continues to request collaboration from CPCs each time duplications of vessels are identified. These duplications are essentially caused by inactive vessels on the ICCAT Record. CPCs, when making submissions in relation to their different vessels (for modification, updates or inclusion/reactivation) are not mindful of their lists of inactive vessels. These situations could affect the quality of the ICCAT vessel database (during 2017, detected an increase in the number of possible vessel duplicates), in relation to which great efforts have been made in recent years in collaboration with the CLAV and other organisations (RFMOs and others).

For this purpose, the Secretariat requests assistance from the Commission so that CPCs provide more support, in particular by paying attention to and using the lists of inactive vessels which are extracted from the ICCAT Record and provided to them on request. It is the best way to eliminate vessel duplicates each time they are identified by the Secretariat. If we ignore what is happening with the inactive vessel lists, the growing problem of duplications will unfortunately undermine the ICCAT Record of Vessels, and, all the databases receiving automatically this data (CLAV and eBCD systems).

Vessel characteristics:

Those which are missing should be completed, in particular, the National Registration Number (NatRegNo), the International Radio Call Signs (IRCS), the fishing vessel types (ISSCFV), the fishing gear types (ISSCFG) and tonnage.

The length overall (LOA) and tonnage (GRT/GT) fields should be reported rounded to one decimal (maximum two).

Vessel names should be in Latin script as stated in the “Guidelines for submission of data and information required by ICCAT”: http://iccat.int/Documents/Comply/Guidelines_ENG.pdf

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

1. Completeness of the information submitted on vessels,
2. Mandatory information that is missing,
3. Compliance with the stated rules on deactivation of vessels with expired authorisation periods.

Information on ICCAT Record of Vessels is published on the website: <http://iccat.int/en/vesselsrecord.asp>

Table 1 of Annex 4 to **COC_303/17** gives summaries of the Previous Year (2016) reporting lists (BFT-E, TROP, SWO-M) 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).

Table 1 of **PLE_105/17** summarises the 2017 data reporting status by flag CPC and ICCAT fishery (BFT-E, SWO-M, TROP, and others, with the respective deadlines in force).

8 Vessel Monitoring System requirements

Information on the VMS messages received at the Secretariat are contained in document **COC_303/2017**. To date, the system has been working well but is now ten years old and an update to the hardware, as well as the maintenance contract, will be required in 2018 in order to ensure continued service. This issue may require referral to STACFAD.

9 Flag State responsibilities

Rec. 03-12 does not require the submission of specific information. Within the framework of the ROP programme for transshipment, Contracting Parties are sometimes informed of marking and identification not correctly displayed on the LSPLV (refer to document **PWG_402/2017**, Appendix 1).

10 Review and establishment of the IUU vessel list

The WCPFC informed the Secretariat that compared to its 2016 IUU list, its 2017 IUU list had no changes. This information was circulated by the Secretariat to all CPCs. The Secretariat requested their 2017 IUU lists to IATTC and to IOTC. IATTC informed that there were no change since the IUU 2014 list and IOTC reported that there were additional vessels since 2016. The IOTC IUU list, as well as its supporting information, was transmitted to the CPCs for comments before 7 October 2017. The draft ICCAT IUU list, without the inclusion of the new IUU vessels listed by IOTC, was distributed to CPCs for comment. Compared to the ICCAT 2016 IUU list, the draft IUU list includes two vessels from EU-Greece sighted by Turkey during an inspection under the ICCAT Scheme of Joint International Inspection. The PWG will also have to decide if, as requested by Bolivia, three vessels (*KIM SENG DENG 3*; *YI HONG 106*, *YI HONG 116*) listed in the IUU list in 2015 as having Bolivian flag can be listed on the ICCAT IUU list as “unknown flag State”.

Due to the late submission of some information, the Secretariat has not applied the procedure of the inter-sessional delisting (no sufficient calendar days before the annual meeting) and has given a deadline for CPCs comments in advance of the annual meeting to be able to present a provisional IUU list to the PWG. This leads to the following request from the Secretariat:

Request for clarification:

In the case of a request for intersessional removal of a vessel from the IUU list, paragraph 19-20 of Rec. 11-18 provides that “If the result of the exercise indicates that there is a majority of the Contracting Parties in favour of removal... the Chairperson of ICCAT... will communicate the result...” and the “ICCAT Executive Secretary will take the necessary measures to remove the vessel” from the ICCAT IUU List: does this require that a majority of Contracting Parties affirm their support in a response to the Secretariat, or should no response (provided that the Contracting Party confirms receipt of the request) be treated as indication that the Contracting Party is “in favour of the removal”?

The provisional list, for consideration and possible adoption by the Commission, is contained in document **PWG_405/17** with some background information provided by WCPFC and by IOTC.

11 Other issues

Related to point 7 of this report, concerning the duplication of vessels, and to point 10 on the establishment of the IUU vessels list by the Secretariat, the Secretariat would like to raise a possible loophole in the vessel registration and in the IUU listing procedure. This summer a problem of vessel identification has been raised by the European Union and has led to the arrest in port of one vessel because its IMO number was the same as the IMO number of a vessel on the IUU list since 2006 (with another name). The Contracting Party of the vessel arrested informed the European Union that these were two different vessels. However, it raises a problem of comprehensive identification of vessels being listed in the IUU list as well as the need to better follow-up the changes made by vessel's owner of IMO number.

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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 2017-10-17).

			Number of vessels registered				Number of authorisations by type of list													
Status	Flag of vessel	Flag code	Total	Active	Inactive	Inoperative	P20m	SWOn	SWOs	ALBn	ALBs	Trop	SWOm	ALBm	Carr	BFTc	BFTo	Total		
CP	Albania	ALB	9	1	8	0	1	0	0	0	0	0	0	0	0	0	0	1		
	Algerie	DZA	535	444	91	0	4	0	0	0	0	0	442	0	0	0	0	446		
	Angola	AGO	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2		
	Belize	BLZ	55	17	37	1	17	3	3	7	5	17	0	0	0	0	0	52		
	Brazil	BRA	140	38	102	0	38	0	4	0	3	38	0	0	0	0	0	83		
	Canada	CAN	156	2	154	0	2	2	0	2	0	2	0	0	0	0	0	8		
	Cape Verde	CPV	25	1	24	0	1	0	0	0	0	1	0	0	0	0	0	2		
	China PR	CHN	89	41	40	8	41	41	41	5	41	41	0	0	0	2	0	212		
	Curacao	CUW	19	12	7	0	7	0	0	0	0	7	0	0	5	0	0	19		
	Côte d'Ivoire	CIV	3	2	1	0	2	2	2	0	2	2	0	0	0	0	0	10		
	EU.Croatia	EU.HRV	298	179	119	0	68	0	0	0	0	0	103	0	0	12	70	253		
	EU.Cyprus	EU.CYP	88	45	43	0	8	0	0	0	0	0	27	44	0	16	1	96		
	EU.Denmark	EU.DNK	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
	EU.España	EU.ESP	3769	778	2257	734	633	0	0	0	0	0	245	76	0	2	72	87	1115	
	EU.France	EU.FRA	14447	10625	3814	8	188	34	11	43	11	52	5811	17	0	8069	0	0	14236	
	EU.Germany	EU.DEU	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	EU.Greece	EU.GRC	1664	350	1299	15	67	0	0	0	0	0	283	294	0	44	0	688		
	EU.Ireland	EU.IRL	101	48	52	1	45	0	0	42	0	3	0	0	0	0	0	90		
	EU.Italy	EU.ITA	11068	1410	9500	158	490	0	0	0	0	0	847	474	0	30	22	1863		
	EU.Lithuania	EU.LTU	15	8	3	4	8	0	0	0	0	0	0	0	0	0	0	8		
	EU.Malta	EU.MLT	880	676	202	2	52	0	0	0	0	0	617	144	0	22	58	893		
	EU.Netherlands	EU.NLD	13	10	3	0	8	0	0	0	0	0	0	0	2	0	0	10		
	EU.Portugal	EU.PRT	604	80	514	10	77	36	7	69	23	74	0	0	0	0	6	292		
	EU.United Kingdom	EU.UK	327	3	323	1	3	0	0	0	0	0	0	0	0	0	0	3		
	Egypt	EGY	10	6	4	0	2	0	0	0	0	0	6	0	0	0	0	8		
	El Salvador	SLV	5	5	0	0	5	0	0	0	0	4	0	0	0	0	0	9		
	FR.St Pierre et Miquelon	FR.SPM	1	1	0	0	1	1	0	1	0	1	0	0	0	0	0	4		
	Ghana	GHA	56	37	18	1	37	0	0	0	0	37	0	0	0	0	0	74		
	Guatemala	GTM	3	2	1	0	2	0	0	0	0	2	0	0	0	0	0	4		
	Guinée Rep.	GIN	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Honduras	HND	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Iceland	ISL	12	1	11	0	1	0	0	0	0	0	0	0	0	1	0	2		
	Japan	JPN	523	200	322	1	197	197	197	197	197	190	0	0	3	33	3	1214		
	Korea Rep.	KOR	220	72	148	0	72	6	6	0	6	12	0	0	0	4	0	106		
	Liberia	LBR	33	28	4	1	0	0	0	0	0	0	0	0	28	0	8	36		
	Libya	LYB	85	42	43	0	42	0	0	0	0	0	0	0	0	0	7	49		
	Maroc	MAR	4271	4097	171	3	824	824	0	0	0	0	3355	0	0	0	0	5003		
	Mauritania	MRT	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Mexico	MEX	36	26	10	0	18	0	0	0	0	26	0	0	0	0	0	44		
	Namibia	NAM	43	20	17	6	20	0	19	0	19	8	0	0	0	0	0	66		
	Norway	NOR	4	1	3	0	1	0	0	0	0	0	0	0	0	1	0	2		
	Panama	PAN	179	98	81	0	48	0	0	0	0	43	0	0	51	0	12	154		
	Philippines	PHL	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Russian Federation	RUS	20	13	7	0	13	0	0	0	0	0	0	0	0	0	0	13		
	Senegal	SEN	27	18	8	1	17	0	0	0	0	18	0	0	0	0	0	35		
	Sierra Leone	SLE	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0		
	South Africa	ZAF	89	49	40	0	46	0	2	0	2	48	0	0	0	0	0	98		
	St. Vincent and Grenadines	VCT	58	33	24	1	33	33	0	33	33	33	0	0	3	0	0	168		
	Syria	SYR	21	1	20	0	1	0	0	0	0	0	0	0	0	0	0	1		
	Trinidad and Tobago	TTO	32	20	12	0	20	17	0	0	0	20	0	0	0	0	0	57		
	Tunisie	TUN	951	883	67	1	42	0	0	0	0	0	872	0	0	0	8	922		
	Turkey	TUR	7748	7014	732	2	83	0	0	0	0	0	6911	106	0	0	2	7102		
	U.S.A.	USA	1779	438	1319	22	437	118	0	118	0	108	0	0	0	0	0	781		
	UK.Bermuda	UK.BMU	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	UK.Sta Helena	UK.SHN	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1		
	Uruguay	URY	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Vanuatu	VUT	26	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Venezuela	VEN	134	16	116	2	16	0	0	0	0	16	0	0	0	0	0	32		
NCC	Chinese Taipei	TAI	187	85	102	0	85	63	77	63	77	55	0	0	0	0	0	420		
	Guyana	GUY	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Suriname	SUR	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
NCO	Bahamas	BHS	20	20	0	0	0	0	0	0	0	0	0	0	20	0	0	20		
	Colombia	COL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Ecuador	ECU	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Saint Kitts and Nevis	KNA	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Singapore	SGP	6	1	5	0	0	0	0	0	0	0	0	0	1	0	1	2		
	Tuvalu	TUV	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL			50958	28000	21975	983	3826	1377	369	580	419	1103	19350	1079	115	8306	285	36809		

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Table 2. Number of vessels registered in the ICCAT Record of vessels (by flag CPC) with the ratio (%) of incompleteness in vessel attributes (source: ICCAT Record of vessels, as of 2017-10-17).

		All vessels registered										Vessels with LOA >= 20 meters		
CPC status	Flag of vessel	TOTAL	Incompleteness (%)								TOTAL	Incompleteness (%)		
			NatRegNo	VessName	Owner	Operator	Isscfv	Isscfg	Length	Tonnage		IRCS	IntRegNo	
CP	Albania	9	0	0	0	0	0	0	0	0	7	86	86	
	Algerie	535	0	0	0	2	2	0	0	0	24	13	63	
	Angola	2	0	0	0	0	0	0	0	0	2	0	0	
	Belize	55	0	0	20	20	0	4	0	0	55	0	38	
	Brazil	140	2	0	0	1	0	0	0	0	140	51	76	
	Canada	156	0	0	96	15	0	0	0	0	9	22	44	
	Cape Verde	25	0	0	0	48	0	0	0	0	25	44	88	
	China PR	89	0	0	0	13	0	0	0	0	89	2	31	
	Curaçao	19	0	0	0	0	21	26	0	0	19	0	11	
	Côte d'Ivoire	3	0	0	0	33	0	0	0	0	3	0	33	
	EU.Croatia	298	1	0	0	0	0	2	0	0	120	6	40	
	EU.Cyprus	88	8	0	2	11	2	11	2	2	25	12	64	
	EU.Denmark	2	100	0	0	100	100	100	0	0	2	0	100	
	EU.España	3769	0	0	0	0	65	53	0	0	901	0	53	
	EU.France	14447	0	0	37	15	24	24	0	0	292	3	62	
	EU.Germany	4	0	0	0	0	0	0	0	0	4	0	0	
	EU.Greece	1664	0	0	13	20	0	0	0	0	100	2	87	
	EU.Ireland	101	1	0	0	1	1	1	0	0	86	7	49	
	EU.Italy	11068	0	0	27	27	0	0	0	0	856	1	85	
	EU.Lithuania	15	0	0	0	0	0	7	0	0	15	0	33	
	EU.Malta	880	1	0	2	3	2	3	0	0	67	1	57	
	EU.Netherlands	13	15	0	15	15	15	15	8	8	12	0	17	
	EU.Portugal	604	0	0	0	1	0	0	5	5	120	0	43	
	EU.United Kingdom	327	1	0	0	1	0	2	0	0	325	0	71	
	Egypt	10	20	0	0	20	20	20	0	0	5	20	40	
	El Salvador	5	0	0	0	0	0	0	0	0	5	0	0	
	FR.St Pierre et Miquelon	1	0	0	0	0	0	0	0	0	1	0	0	
	Ghana	56	0	0	0	7	0	4	0	0	56	4	21	
	Guatemala	3	0	0	0	0	0	0	0	0	3	0	0	
	Guinée Rep.	4	0	0	0	75	0	25	0	0	4	0	75	
	Honduras	6	17	0	0	17	17	17	0	0	6	0	83	
	Iceland	12	0	0	0	0	0	8	0	0	5	0	20	
	Japan	523	0	0	0	0	0	0	0	0	523	0	46	
	Korea Rep.	220	0	0	0	4	0	0	0	0	220	0	36	
	Liberia	33	0	0	0	0	0	0	0	0	33	0	0	
	Libya	85	8	0	6	11	8	8	6	6	80	16	46	
	Maroc	4271	0	0	2	2	0	0	0	0	882	40	98	
	Mauritania	5	0	0	0	0	0	0	0	0	0	0	0	
	Mexico	36	0	0	0	0	0	0	0	0	27	15	44	
	Namibia	43	0	0	0	0	0	0	0	0	42	0	55	
	Norway	4	0	0	25	25	0	0	0	0	4	0	0	
	Panama	179	1	0	1	6	3	9	1	1	168	0	54	
	Philippines	27	0	0	0	0	0	0	0	0	27	4	52	
	Russian Federation	20	0	0	0	0	0	45	0	0	20	0	0	
	Senegal	27	0	0	0	0	0	0	0	0	23	0	30	
	Sierra Leone	5	0	0	0	0	20	20	0	0	5	0	100	
	South Africa	89	2	0	0	0	0	0	1	1	74	0	64	
	St. Vincent and Grenadines	58	0	0	2	5	2	19	0	0	58	0	40	
	Syria	21	0	0	0	0	0	5	0	0	3	67	100	
	Trinidad and Tobago	32	6	0	0	0	0	0	0	0	32	31	75	
	Tunisie	951	0	0	0	0	0	1	0	0	100	8	42	
	Turkey	7748	0	0	22	23	1	1	0	0	554	8	75	
	U.S.A.	1779	1	0	4	56	0	0	0	0	1262	33	73	
	UK.Bermuda	1	100	0	100	100	100	100	0	0	1	0	100	
	UK.Sta Helena	1	0	0	0	0	0	0	0	0	1	0	100	
	Uruguay	10	0	0	10	0	0	0	0	0	10	0	100	
	Vanuatu	26	0	0	0	0	0	15	0	0	26	0	50	
	Venezuela	134	3	0	0	48	0	0	0	0	133	2	47	
NCC	Chinese Taipei	187	0	0	0	0	0	0	0	0	187	0	25	
	Guyana	1	0	0	0	0	0	100	0	0	1	0	100	
	Suriname	1	0	0	0	100	0	0	0	0	1	100	100	
NCO	Bahamas	20	0	0	0	0	0	0	0	0	20	0	0	
	Colombia	1	0	0	0	0	0	0	0	0	1	0	100	
	Ecuador	1	0	0	0	0	0	0	0	0	1	0	0	
	Saint Kitts and Nevis	2	0	0	0	0	0	0	0	0	2	0	100	
	Singapore	6	0	0	0	0	0	83	0	0	6	0	50	
	Tuvalu	1	0	0	0	0	0	100	0	0	1	0	0	
TOTAL vessels (number)		50958	100	24	10690	8494	6027	5729	86	91	7911	983	5121	
Overall incompleteness ratio (%)			0.2	0.0	21	17	12	11	0	0		12	65	

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Table 3. Number of vessels registered, active in the positive list (P20m) with International registry number (IntRegNo) type, active in the Carrier list (all with IMO number), by flag CPC (source: ICCAT vessel record, as of 2017-10-17).

CPC status	Flag of Vessel	Vessels registered	Active in P20m (positive list) by "IntRegNo" type											Active in Carr (carrier list) w/ IMO	
			active	number					ratio (%)					active	IMO
				IMO	LRN	JUS	WOD	UNK	IMO	LRN	JUS	WOD	UNK		
CP	Albania	9	1	1	0	0	0	0	100	0	0	0	0	0	0
	Algerie	535	4	2	0	2	0	0	50	0	50	0	0	0	0
	Angola	2	2	2	0	0	0	0	100	0	0	0	0	0	0
	Belize	55	17	17	0	0	0	0	100	0	0	0	0	0	0
	Brazil	140	38	25	0	4	9	0	66	0	11	24	0	0	0
	Canada	156	2	2	0	0	0	0	100	0	0	0	0	0	0
	Cape Verde	25	1	0	0	0	1	0	0	0	0	100	0	0	0
	China PR	89	41	41	0	0	0	0	100	0	0	0	0	0	0
	Curaçao	19	7	7	0	0	0	0	100	0	0	0	0	5	5
	Côte d'Ivoire	3	2	2	0	0	0	0	100	0	0	0	0	0	0
	EU.Croatia	298	68	53	0	0	14	1	78	0	0	21	1	0	0
	EU.Cyprus	88	8	6	0	2	0	0	75	0	25	0	0	0	0
	EU.Denmark	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.España	3769	633	383	0	239	11	0	61	0	38	2	0	2	2
	EU.France	14447	188	107	0	65	16	0	57	0	35	9	0	0	0
	EU.Germany	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	EU.Greece	1664	67	13	0	52	2	0	19	0	78	3	0	0	0
	EU.Ireland	101	45	43	0	0	2	0	96	0	0	4	0	0	0
	EU.Italy	11068	490	110	0	325	55	0	22	0	66	11	0	0	0
	EU.Lithuania	15	8	8	0	0	0	0	100	0	0	0	0	0	0
	EU.Malta	880	52	25	0	14	13	0	48	0	27	25	0	0	0
	EU.Netherlands	13	8	8	0	0	0	0	100	0	0	0	0	2	2
	EU.Portugal	604	77	63	0	9	5	0	82	0	12	6	0	0	0
	EU.United Kingdom	327	3	3	0	0	0	0	100	0	0	0	0	0	0
	Egypt	10	2	2	0	0	0	0	100	0	0	0	0	0	0
	El Salvador	5	5	5	0	0	0	0	100	0	0	0	0	0	0
	FR.St Pierre et Miquelon	1	1	1	0	0	0	0	100	0	0	0	0	0	0
	Ghana	56	37	37	0	0	0	0	100	0	0	0	0	0	0
	Guatemala	3	2	2	0	0	0	0	100	0	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	0	0	0	0	100	0	0	0	0	0	0
	Japan	523	197	197	0	0	0	0	100	0	0	0	0	3	3
	Korea Rep.	220	72	72	0	0	0	0	100	0	0	0	0	0	0
	Liberia	33	0	0	0	0	0	0	0	0	0	0	0	28	28
	Libya	85	42	33	0	3	6	0	79	0	7	14	0	0	0
	Maroc	4271	824	12	0	14	798	0	1	0	2	97	0	0	0
	Mauritania	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mexico	36	18	13	0	5	0	0	72	0	28	0	0	0	0
	Namibia	43	20	17	0	2	1	0	85	0	10	5	0	0	0
	Norway	4	1	1	0	0	0	0	100	0	0	0	0	0	0
	Panama	179	48	14	0	29	5	0	29	0	60	10	0	51	51
	Philippines	27	0	0	0	0	0	0	0	0	0	0	0	0	0
	Russian Federation	20	13	13	0	0	0	0	100	0	0	0	0	0	0
	Senegal	27	17	16	0	1	0	0	94	0	6	0	0	0	0
	Sierra Leone	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	South Africa	89	46	26	0	6	14	0	57	0	13	30	0	0	0
	St. Vincent and Grenadines	58	33	33	0	0	0	0	100	0	0	0	0	3	3
	Syria	21	1	0	0	0	1	0	0	0	0	100	0	0	0
	Trinidad and Tobago	32	20	4	0	16	0	0	20	0	80	0	0	0	0
	Tunisie	951	42	14	0	2	26	0	33	0	5	62	0	0	0
	Turkey	7748	83	53	0	29	0	1	64	0	35	0	1	0	0
	U.S.A.	1779	437	91	25	321	0	0	21	6	73	0	0	0	0
	UK.Bermuda	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	UK.Sta Helena	1	1	0	0	1	0	0	0	0	100	0	0	0	0
	Uruguay	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vanuatu	26	0	0	0	0	0	0	0	0	0	0	0	0	0
	Venezuela	134	16	16	0	0	0	0	100	0	0	0	0	0	0
NCC	Chinese Taipei	187	85	85	0	0	0	0	100	0	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	Bahamas	20	0	0	0	0	0	0	0	0	0	0	0	20	20
	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
	Saint Kitts and Nevis	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Singapore	6	0	0	0	0	0	0	0	0	0	0	0	1	1
	Tuvalu	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		50958	3826	1679	25	1141	979	2	43.9	0.7	29.8	25.6	0.1	115	115