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**Data Summaries in Support of Discussions on the CMM on Tropical Tunas
(CMM-2013-01)**

**SC11-WCPFC11-04
(WCPFC11-2014-IP02 Rev3)**

SPC-OFP



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**INFORMATION PAPER: DATA SUMMARIES IN SUPPORT OF DISCUSSIONS ON THE
CMM ON TROPICAL TUNAS (CMM 2013-01)**

WCPFC11-2014-IP02 **Rev. 3¹**

25 November 2014

According to data last updated – 12th November 2014

Tables last updated on 12th November 2014

¹

[Rev 1](#) includes an update to Table 2 2013 figures for Ecuador.

[Rev 2](#) provides the latest 2013 Chinese Taipei longline catches for bigeye tuna and yellowfin tuna in Tables 4 and 5, respectively.

[Rev 3](#) corrects a problem in Table 2 whereby effort was based on unraised logsheet days (instead of raised effort) for fleets with effort split into the overlap area (Ecuador, European Union and El Salvador fleets).

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Table 1. Purse seine days fished in waters under national jurisdiction and in International waters (20°N-20°S) in the WCPFC-CA

EEZ	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	CMM	CMM 2013-	Av.	See NOTE(s)
														2012-01 limits	01 limits	2006- 2010	
AUSTRALIA	0	1	1	0	0	0	0	1	1	0	0	0	0			0	2,9
COOK ISLANDS	46	228	8	6	2	8	3	29	44	19	102	495	196			21	2
FIJI	12	5	10	26	36	6	6	23	11	29	26	28	33			15	2
FRENCH POLYNESIA	0	2	0	0	0	0	0	0	0	0	0	0	0			0	2
INDONESIA	2,850	2,888	3,348	4,413	1,621	1,489	1,473	1,391	1,905	1,858	2,054	2,673	6,960	3,375	3,375	1,623	4,13,15
JAPAN	2,339	2,253	2,166	2,203	1,591	1,409	1,650	728	405	369	208	295	480			912	2,9,10
NEW ZEALAND	233	256	172	458	371	218	245	234	135	218	270	268	298			210	2,9
NIUE	0	0	1	0	0	0	0	0	0	0	1	0	0			0	2
PHILIPPINES	3,630	3,880	5,385	5,599	5,272	5,269	5,982	6,856	4,875	3,254	2,126	1,749	2,205	4,624	4,624	5,247	4,6,8,13,15
SAMOA	7	11	3	4	3	1	3	7	9	7	39	30	33			5	2
TOKELAU	99	395	27	69	128	33	48	137	214	178	869	737	375			122	2
TONGA	2	0	0	1	1	0	0	0	0	0	0	0	0			0	2
USA	350	480	237	300	132	191	106	62	128	32	44	202	179			104	2
VANUATU	2	2	0	23	1	0	0	14	1	0	4	5	1			3	2
VIETNAM	0	0	0	0	0	0	0	0	0	0	0	0	0			0	16
WALLIS AND FUTUNA	5	3	4	0	4	0	0	6	6	1	3	1	0			3	2
PNA EEZs (excl AWs)	24,959	27,267	29,349	30,525	32,395	32,096	31,774	34,650	32,924	43,805	46,927	41,351	43,036	43,805	43,805	28,025	5,12,14
PNA AWs only	2,410	2,210	3,562	3,096	4,629	3,912	5,692	5,976	6,701	5,825	8,199	7,950	7,846			2,820	5
PNA EEZs + AWs = TOTAL PNA	27,369	29,477	32,911	33,621	37,024	36,008	37,466	40,626	39,625	49,630	55,126	49,301	50,882			30,845	5
TOTAL EEZs - excl. PNA AWs	34,529	37,667	40,706	43,627	41,553	40,720	41,290	44,131	40,651	49,769	52,670	47,833	53,796			39,132	
TOTAL EEZs - excl. PNA AWs and ID/PH	28,049	30,899	31,973	33,615	34,660	33,962	33,835	35,884	33,871	44,657	48,490	43,411	44,631			31,134	
TOTAL EEZs + PNA AWs	36,939	39,877	44,268	46,723	46,182	44,632	46,982	50,107	47,352	55,594	60,869	55,783	61,642			41,952	
TOTAL INT. WATERS (20°N-20°S)	7,346	8,213	8,232	10,241	8,758	6,616	8,193	8,588	10,157	1,533	1,519	2,209	6,139				6,11
TOTAL (EEZs + IW + PNA AWs)	44,285	48,090	52,500	56,964	54,940	51,248	55,175	58,695	57,509	57,127	62,388	57,992	67,781				
TOTAL minus ID/PH	37,305	40,822	43,267	46,452	47,547	43,990	47,220	49,948	50,229	52,015	58,208	53,570	58,616				

Notes:

1. Source: Raised logsheet data.
2. CMM 2013 -- Para. 23. for years 2014 onwards – for a list see Table 4 in WCPFC-TCC10-IP07 *Summary of reporting received by WCPFC in accordance with CMM 2012-01 and CMM 2013-01*
3. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01, paragraph 5 of CMM 2012-01 and paragraph 5 of CMM 2013-01 using the best information available to SPC-OFP. However, in some cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
4. Purse-seine days for Indonesia and the Philippines in domestic waters have been estimated according to Appendix A in the SC4 Statistics SWG Working paper WP-4 (Data relating to purse-seine effort on the high seas and in the zones of non-PNA member CCMs).
5. The definition of days effort in this table may differ from the definition of days used in the PNA Vessel Day Scheme (VDS)
6. The Total International waters effort prior to 2013 does not includes estimates of effort for the Philippines domestic fleet at this stage.
7. Since 2011, some components of the tropical purse seine fleet have changed criteria for reporting days with searching (included as a fishing day) and transiting (not included as a fishing day) and this is reflected in the decline in fishing days since 2011.
8. Philippines effort in the high seas pocket 1 during 2013 was 1,352 sets with an estimated 1 set per three days to produce an estimate of 4,056 days effort.
9. Coastal States within the Convention Area either north of 20°N or south of 20°S. CMM 2013-01 reference: Para. 22 and footnote 6 on Page 7 -- relevant for 2014 onwards.
10. Operational data for Japan EEZ are not available. Japan effort in their EEZ for years 2001-2007 was determined as the best estimate from their aggregate data. Japan effort for 2008-2013 in their EEZ was provided by Japan in their submission of Annual effort by EEZ/high seas areas.
11. International waters covers high seas in the WCPFC Conventional Area covering the area 20°N-20°S (valid for CMM 2012-01 and CMM 2013-01).
12. CMM 2012-01 -- Para. 12. for 2013 "Coastal States within the Convention Area that are Parties to the Nauru Agreement (PNA) shall restrict the level of purse seine effort in their EEZs to 2010 levels through the PNA Vessel Days Scheme".
13. CMM 2012-01 -- Para. 13. for 2013 "Other coastal States within the Convention Area with effort in their EEZs exceeding 1,000 days annually over the period 2006-2010 shall limit effort in their EEZs to 2001-2004 average or 2010 levels".
14. CMM 2013-01 -- Para. 20. for 2014 onwards "Coastal States within the Convention Area that are Parties to the Nauru Agreement (PNA) shall restrict the level of purse seine effort in their EEZs to 2010 levels through the PNA Vessel Days Scheme".
15. CMM 2013-01 -- Para. 22. for 2014 onwards "Other coastal States within the Convention Area with effort in their EEZs exceeding 1,500 days annually over the period 2006-2010 shall limit effort in their EEZs to 2001-2004 average or 2010 levels".
16. The Vietnam purse seine fleet are understood to fish outside the WCFPC Convention Area (South China Sea).

Table 2. Purse seine days fished in international waters in the WCPFC-CA between 20°N and 20°S, by flag, based on available operational data.

PURSE SEINE DAYS FISHED INTERNATIONAL WATERS 20°N-20°S																
Flag	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	CMM 2013-01 limits for 2014 (Att. D)	Max. Annual days for 2010-2012	See Notes
CHINA	88	125	149	424	505	231	334	260	988	13	7	26	15	26	26	
ECUADOR	0	0	0	0	0	0	0	0	0	1	0	1	0	**	1	9,11
EL SALVADOR	3	21	0	0	0	0	189	180	78	46	33	29	24	**	46	9,11
EUROPEAN UNION	0	8	13	53	31	78	237	278	249	284	313	422	371	403	422	9
FSM	239	239	176	384	218	86	168	125	334	6	3	15	5			
INDONESIA	500	500	500	500	500	500	500	500	500	0	0	0	0	(0)		
JAPAN	1,366	1,269	1,755	1,867	1,837	1,579	1,346	1,067	1,561	6	3	1	12	121	6	
KIRIBATI	41	54	40	36	50	52	22	19	201	108	236	167	213			
MARSHALL ISLANDS	170	209	441	396	400	154	152	282	167	71	34	2	5			
NEW ZEALAND	23	329	342	206	96	287	200	196	206	67	28	89	9	160		12
PAPUA NEW GUINEA	416	621	633	1,208	1,300	463	849	713	849	78	22	38	16			
PHILIPPINES	13	56	449	464	320	151	26	73	20	2	0	3	4,096	#		5,6
REPUBLIC OF KOREA	1,302	1,285	1,153	1,244	1,069	734	1,391	1,502	1,695	234	65	22	29	207	234	
SOLOMON ISLANDS	31	37	0	0	17	15	5	0	0	0	0	0	0			
TUVALU	0	0	0	0	0	0	0	0	36	4	5	1	0			
CHINESE TAIPEI	1,972	1,860	1,442	1,844	1,229	1,240	1,484	1,329	1,353	96	81	24	72	95	96	
USA	969	1,315	858	989	767	527	791	1,546	1,739	394	577	1,263	1,005	1,270	1,263	
VANUATU	67	166	186	579	378	401	383	215	101	37	30	7	8			
TOTAL	7,200	8,094	8,137	10,194	8,717	6,498	8,077	8,285	10,077	1,447	1,437	2,110	5,880			

PURSE SEINE DAYS FISHED in WCPFC-IATTC OVERLAP AREA															
Flag	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		See Notes
ECUADOR	0	0	0	0	0	0	39	119	43	53	42	83	90		9
EL SALVADOR	23	42	3	0	0	0	44	155	24	20	22	4	133		9
EUROPEAN UNION	126	78	91	49	41	119	35	29	14	14	17	11	35		9
TOTAL	149	120	94	49	41	119	118	303	81	87	81	98	258		

Notes:

1. Source: Raised logsheet data. 2013 data are provisional.
2. The column labeled "CMM-2008-01" does not take into account paragraphs 6 and 7, and footnote 2 of CMM 2008-01
3. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 2 of CMM 2008-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
4. Purse-seine days for Indonesia have been arbitrarily assigned 500 days for high seas according to Appendix A in the SC4 Statistics SWG Working paper WP-4 (Data relating to purse-seine effort on the high seas and in the zones of non-PNA member CCMs)
5. The measures that the Philippines will take are in Attachment C of CMM 2013-01 for years from 2014 onwards
6. The Total International waters effort prior to 2013 does not include estimates of effort for the Philippines domestic fleet at this stage. Philippines effort in the high seas pocket 1 during 2013 was 1,352 sets with an estimated 1 set per three days to produce an estimate of 4,056 days effort.
7. During September 2012, USA and Chinese Taipei advised the WCPFC Secretariat of their estimates for 2011, which differ from the values above, and will be reviewed by SPC in due course once 2011 operational data are complete and available. The estimates could also vary due to, inter alia, differences in the respective EEZ coordinates used.
8. Since 2011, some components of the tropical purse seine fleet have changed criteria for reporting days with searching (included as a fishing day) and transiting (not included as a fishing day) and this is reflected in the decline in fishing days for 2011.
9. The days presented in Table 2 exclude effort in the overlap area because it takes into account the WCPFC9 decision on the application of measures in the part of the WCPF Convention Area that overlaps with the IATTC Convention Area (WCPFC9 Summary Report paragraph 80). European Union is a WCPFC member who is also an IATTC member, notified WCPFC in April 2013, of their choice of IATTC measures in the overlap area. Given that Ecuador and El Salvador are members of IATTC, the rules of the RFMO of which it is a member apply in the overlap area between WCPFC and IATTC, even if the CCM is a cooperating non-member of the other RFMO. Total days in Table 2 do not therefore reconcile with total high seas days in Table 1.
10. "CMM 2013-01 limits" are taken from CMM 2013-01 - Attachment D and apply from 2014 onwards.
11. Subject to CNM on participatory rights, in accordance with paragraph 6 of CMM 2013-01 for years from 2014 onwards
12. The basis of the CMM 2013-01 high seas days limit for New Zealand was the negotiated outcome based on historical high seas activity and recent constraints on access to high seas areas in the east.

Table 3. Estimated FAD sets undertaken in the tropical purse seine fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2013.

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	CMM 2012-01 2013 FAD set limit	CMM 2013-01 2014 FAD set limit	CCM	CMM 2013-01 Baseline FAD set limits
14	139	158	510	859	915	822	1,178	1,546	686	1,991	1,129	1,397		845	CHINA	1,272
0	0	0	0	0	0	72	282	122	169	399	546	257		119	ECUADOR	349
9	27	1	0	0	0	53	152	162	137	186	211	272		59	EL SALVADOR	185
325	385	489	789	496	282	337	480	732	430	791	822	447	606	604	FSM	679
?	?	?	?	?	?	?	?	?	?	?	?	?			INDONESIA	
2,320	2,021	2,266	3,162	2,379	2,617	2,437	2,607	2,403	833	1,320	1,619	1,036	1,477	2,139	JAPAN	1,256
72	62	63	96	103	66	61	68	235	219	557	516	583	301	493	KIRIBATI	421
392	578	875	1,064	934	743	890	459	620	632	1,558	1,321	1,151		1,028	MARSHALL ISLANDS	1,157
136	399	439	574	196	488	418	440	387	190	188	145	99		183	NEW ZEALAND	190
1,168	1,611	1,655	3,031	2,838	2,507	2,126	2,121	2,289	1,677	2,067	2,102	1,380		2,215	PAPUA NEW GUINEA	1,723
884	998	1,230	1,191	1,126	812	252	380	442	353	252	331	390		462	PHILIPPINES (distant-water)	322
?	?	?	?	?	?	?	?	?	?	?	?	?			PHILIPPINES (domestic)	
561	1,171	707	2,495	886	2,296	1,862	1,932	2,163	1,113	2,106	1,309	1,096		2,286	REPUBLIC OF KOREA	1,479
178	150	103	106	193	301	162	111	177	95	184	185	137		165	SOLOMON ISLANDS	186
71	32	59	81	46	125	238	411	330	283	487	459	514		170	EUROPEAN UNION	506
1,615	2,618	1,849	3,217	2,737	3,044	2,805	2,274	2,698	1,828	2,959	2,996	2,596		2,416	CHINESE TAIPEI	2,612
0	0	0	0	0	0	0	0	29	40	55	85	74		127	TUVALU	73
2,006	1,757	1,478	2,067	1,326	1,541	1,389	2,762	3,747	2,381	3,372	3,420	3,100		2,522	USA	3,061
36	138	181	631	665	450	427	247	385	191	393	248	254		349	VANUATU	393
9,787	12,086	11,553	19,014	14,784	16,187	14,351	15,904	18,467	11,257	18,865	17,444	14,783		16,182		15,864

Notes

1. 2013 data are provisional.
2. Covers Drifting FAD, Log and Anchored FAD sets
3. Excludes archipelagic waters. Fleets from Indonesia, Papua New Guinea, Philippines (distant-water), Philippines (domestic) and Solomon Islands in this list are normally the only fleets active in archipelagic waters.
4. Includes high seas
5. Excludes Vietnam domestic fleet
6. Complete information from Indonesia and Philippines domestic fisheries are not available.
7. CMM 2012-01, Para 11 option (ii) annual limit of FAD sets for 2013 (as set out in Attachment A of CMM 2012-01) applies to FSM, Japan and Kiribati
8. CMM 2013-01 – ATTACHMENT A, provides (i) the 2014 FAD set limits and (ii) the Baseline FAD set limits.

Table 4. Reported longline catches (metric tonnes) of bigeye tuna in the WCPFC-CA, by flag.

CCM	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	CMM 2012-01 limits for 2013	CMM 2013-01 limits for 2014	See Notes
AMERICAN SAMOA	75	196	242	227	134	181	218	132	249	487	1,269	1,502	359			(4)
AUSTRALIA	1,307	1,002	1,024	892	791	499	1,008	1,027	726	458	379	482	482	2,000		(7)
BELIZE	1,322	812	782	297	425	254	158	89	43	89	102	132	217	803		(8)
CHINA	2,227	2,312	8,965	11,748	7,520	13,378	10,535	10,798	15,289	13,924	11,139	11,324	10,671	10,673	9,398	(10), (11)
COOK ISLANDS	1	56	204	394	220	166	238	292	217	192	394	333	205			(4)
EU-PORTUGAL	0	0	0	0	0	0	0	0	0	0	3	17	106			
EU-SPAIN	0	0	0	42	17	62	62	77	46	15	10	23	23	2,000		(7)
FSM	651	759	656	542	182	172	1,395	970	1,395	899	1,500	1,700	1,270			(4)
FIJI	662	853	889	1,254	721	771	556	671	768	539	1,718	1,588	1,018			(4)
FRENCH POLYNESIA	745	649	439	502	606	498	478	490	587	436	607	654	787			(4)
INDONESIA	942	1,470	2,168	2,192	2,202	3,011	1,993	3,579	4,000	1,221	1,699	3,681	2,860	5,889	5,889	(12)
JAPAN	27,466	29,574	26,110	29,248	23,021	25,685	26,076	19,593	16,897	15,983	16,778	15,418	11,723	19,670	19,670	
KIRIBATI	0	0	1	0	0	0	0	44	0	3	155	800	582			(4)
MARSHALL ISLANDS	0	0	0	1	0	0	3	375	381	257	259	335	80			(4)
NAURU	6	3	10	0	0	0	0	0	0	0	0	0	0			(4)
NEW CALEDONIA	128	189	142	90	76	35	53	63	51	44	41	49	51			(4)
NEW ZEALAND	481	201	204	177	175	177	213	133	253	132	174	154	109	2,000		(7)
NIUE	0	0	0	0	10	22	35	51	10	4	0	0	0			(4)
NORTHERN MARIANAS	0	0	0	0	0	0	0	0	0	0	0	0	501			(4)
PALAU	21	1	1	7	0	0	0	0	0	0	0	0	0			(4)
PAPUA NEW GUINEA	240	318	390	399	237	216	111	201	128	39	59	119	32			(4)
PHILIPPINES	59	59	59	59	59	59	59	59	59	59	777	248	167	2,000		(6), (7)
PORTUGAL	0	0	0	0	0	0	0	0	0	0	3	17	106			
REPUBLIC OF KOREA	22,172	28,533	17,151	17,941	15,622	12,489	10,054	17,001	15,231	13,914	15,282	18,823	12,818	15,014	15,014	(11), (13)
SAMOA	185	137	110	104	64	128	101	106	117	108	71	54	36			(4)
SENEGAL	0	0	0	0	0	3	2	0	0	0	0	0	0			
SOLOMON ISLANDS	187	401	385	294	3	0	0	0	0	481	232	0	0			(4), (11)
TONGA	191	215	94	40	125	117	129	81	38	24	18	10	7			(4)
TUVALU	0	0	0	0	0	0	0	0	0	0	105	1,408	76			(4)
CHINESE TAIPEI	12,435	16,645	14,429	20,992	15,498	14,295	14,760	15,229	13,319	11,552	11,275	10,994	10,600	11,288	11,288	(11), (13)
USA	2,418	4,396	3,618	4,181	4,462	4,381	5,381	4,649	3,741	3,577	3,565	3,660	3,612	3,763	3,763	
VANUATU	17	396	841	2,041	1,750	1,783	2,122	1,080	1,383	2,060	2,060	2,151	1,989			(4)
WALLIS AND FUTUNA	0	0	0	0	0	0	0	0	0	0	6	0	0			(4)
Total	73,938	89,177	78,914	93,664	73,920	78,382	75,740	76,790	74,928	66,497	69,680	75,676	60,487	75,100	65,022	
VIETNAM	1,450	614	2,129	2,781	3,527	3,538	3,648	3,358	2,992	2,441	3,424	3,761	2,260			(9)

Notes:

1. Source: WCFPC Annual catch estimates as at 10th July 2014 (2013 data are provisional).
2. Catch estimates in **red** have been carried over from previous years.
3. Indonesia and Philippines have recently revised their estimates in recent years. (see the respective Annual Catch Estimate Workshop reports at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>))
4. The limits in the column labelled "CMM 2012-01 limits for 2013" and "CMM 2013-01 limits for 2014" do not apply to small island developing State members and participating Territories according to paragraph 7 of CMM 2012-01 and paragraph 7 of CMM 2013-01.
5. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 5 of CMM 2012-01 and paragraph 5 CMM 2013-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
6. Estimates include archipelagic water catches which for some countries cannot be separated at this stage (e.g. Philippines).
7. The catch limits established at 2,000t prior to 2010, remain at the level of 2,000t. (according to CMM 2008-01 Para. 32)
8. Subject to CNM on participatory rights, in accordance with paragraph 6 of CMM 2013-01 for years from 2014 onwards
9. The Vietnam longline fleet are understood to fish outside the WCFPC Convention Area (South China Sea).
10. Catches by the Chinese longline fleet in the Kiribati EEZ are included in the estimates.
11. Catches by chartered Chinese, Korean and Chinese-Taipei longline vessels licensed to fish in Solomon Islands waters have been attributed to the Solomon Islands for 2010 and 2011.
12. Indonesia bigeye tuna catch excludes catches in Archipelagic waters.
13. Korea and Chinese Taipei will voluntarily restrict its catch level at 2% less than the catch limits specified here in 2013.
14. "CMM 2012-01 limits for 2013" is according ATTACHMENT F in CMM 2012-01 and refer to catch limits for 2013 only.
15. "CMM 2013-01 limits for 2014" is according ATTACHMENT F in CMM 2013-01 and refer to catch limits for 2014 only.

Table 5. Reported longline catches (metric tonnes) of yellowfin tuna in the WCPFC-CA, by flag.

CCM	2001	2002	2003	2004	Av. 2001- 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2013 (excl. SIDs)	CMM 2012-01 limits	See Notes
AMERICAN SAMOA	188	485	497	888	515	526	513	640	333	398	473	701	620	412			(4)
AUSTRALIA	2,819	3,531	3,681	2,356	3,097	1,499	1,830	1,390	1,650	1,387	1,359	1,858	1,150	1,150	1,150	3,097	
BELIZE	957	720	943	208	707	298	106	273	129	121	28	13	30	21	21	2,000	(6)
CHINA	1,919	1,844	3,358	4,048	2,792	2,446	4,055	2,768	5,007	7,958	2,576	4,598	6,004	4,638	4,638	2,792	(9), (10)
COOK ISLANDS	1	42	178	506	182	413	262	290	247	197	319	925	386	342			(4)
EU-PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2,000	
EU-SPAIN	0	0	0	23	6	1	127	127	10	7	3	0	2	2	2	2,000	
FSM	338	164	276	185	241	99	270	548	328	583	406	750	750	850			(4)
FIJI	2,082	2,027	2,482	4,164	2,689	2,591	2,231	1,721	2,763	3,440	2,602	4,051	3,188	2,203			(4)
FRENCH POLYNESIA	967	507	621	1,066	790	793	690	527	447	716	418	491	758	615			(4)
INDONESIA	4,001	6,243	9,209	9,313	7,192	10,762	9,482	10,371	12,689	18,221	14,041	13,750	11,656	8,271	8,271	7,192	(12)
JAPAN	18,096	15,810	16,803	15,209	16,480	14,792	13,462	13,725	11,820	13,626	16,972	10,941	10,002	7,778	7,778	16,480	
KIRIBATI	2	0	2	0	1	0	0	0	7	0	4	140	300	175			(4)
MARSHALL ISLANDS	0	0	0	3	1	0	0	2	91	120	117	99	113	47			(4)
NAURU	5	2	6	1	4	0	0	0	0	0	0	0	0	0			(4)
NEW CALEDONIA	570	572	754	631	632	448	414	393	424	487	505	585	573	531			(4)
NEW ZEALAND	131	27	39	36	58	36	3	25	11	3	6	3	1	1	6	2,000	
NIUE	0	0	0	0	0	34	42	43	40	20	8	0	0	0			(4)
NORTHERN MARIANAS	0	0	0	0	0	0	0	0	0	0	0	0	0	92			(4)
PALAU	41	3	19	28	23	0	0	0	0	0	0	0	0	0			(4)
PAPUA NEW GUINEA	1,812	1,738	1,747	2,318	1,904	1,222	2,139	1,539	2,259	2,714	2,147	2,303	2,961	1,041			(4)
PHILIPPINES	484	484	484	484	484	484	484	484	484	484	484	146	61	27	27	2,000	(5)
REPUBLIC OF KOREA	13,768	15,497	12,134	10,058	12,864	13,329	9,529	8,817	7,846	10,032	7,644	7,881	7,832	5,716	5,716	12,864	(10)
SAMOA	470	369	293	444	394	199	264	305	317	412	386	395	234	330			(4)
SENEGAL	0	0	0	0	0	6	3	4	0	0	0	0	0	0	0	2,000	(7)
SOLOMON ISLANDS	159	401	258	440	315	6	0	0	0	0	3,834	294	0	0			(4), (10)
TONGA	259	263	263	163	237	219	227	341	291	109	47	171	140	126			(4)
TUVALU	0	0	0	0	0	0	0	0	0	0	0	286	453	41			(4)
CHINESE TAIPEI	22,326	21,993	22,149	22,975	22,361	19,571	18,654	16,668	16,411	19,693	19,974	21,320	16,958	14,999	14,999	22,361	(10)
USA	1,016	572	809	694	773	698	937	833	836	429	462	738	576	546	546	2,000	
VANUATU	49	778	1,315	1,755	974	1,147	1,346	967	860	801	788	1,269	2,230	1,626			(4)
WALLIS AND FUTUNA	0	0	0	0	0	0	0	0	0	0	0	4	0	0			(4)
Total	72,460	74,072	78,320	77,996	75,712	71,619	67,070	62,801	65,300	81,958	75,603	73,712	66,978	51,582	43,156	78,785	
VIETNAM	8,292	9,756	8,179	11,122		10,895	10,930	11,270	10,375	9,244	9,513	10,576	12,456	13,917			(8)

Notes:

1. Source: WCFPC Annual catch estimates as at 10th July 2014 (2013 data are provisional).
2. Catch estimates in **red** have been carried over from previous years.
3. Indonesia and Philippines have recently revised their estimates (see the respective Annual Catch Estimate Workshop reports at (<http://www.wcpfc.int/west-pacific-east-asia-oceanic-fisheries-management-project>))
4. Catches and effort of vessels operating under charters and similar arrangements have been attributed to host island states or territories in accordance with paragraph 5 of CMM 2012-01 and paragraph 5 CMM 2013-01 using the best information available to SPC-OFP. However, in several cases, catches have not yet been attributed to the CCM responsible for the "charter or similar arrangements" since the flag state CCM has yet to advise that it has excluded these catches from their data (and thereby avoid double-counting).
5. Estimates include archipelagic water catches which for some countries cannot be separated at this stage (e.g. Philippines).
6. Subject to CNM on participatory rights, in accordance with paragraph 6 of CMM 2013-01 for years from 2014 onwards
7. Senegal committed to limiting its fishing activities in the WCPFC Convention Area to one longline vessel - WCPFC5 Report (Para. 44)
8. The Vietnam longline fleet are understood to fish outside the WCPFC Convention Area (South China Sea).
9. Catches by the Chinese longline fleet in the Kiribati EEZ are included in the estimates.
10. Catches by chartered Chinese, Korean and Chinese-Taipei longline vessels licensed to fish in Solomon Islands waters have been attributed to the Solomon Islands for 2010 and 2011.
11. Does not yet cover development of new fisheries in the waters of small-island developing states (e.g. Tokelau)
12. Indonesia yellowfin tuna catch excludes catches in Archipelagic waters.

Table 6. Total Effort of COMMERCIAL FISHERIES, other than Purse seine and Longline, in the WCPFC Statistical Area, based on available aggregate and operational catch/effort data.

GEAR	FLAG	Average Annual tuna catch (MT)	Total Effort		Notes	Availability of EFFORT data
			CMM 2013 limit	2013		
GILLNET	VIETNAM	13,520			Within EEZ	NO
HANDLINE (LARGE-FISH)	INDONESIA	12,606			Within EEZ	NO
	PHILIPPINES	13,362			Within EEZ	NO
HOOK-AND-LINE (SMALL-FISH)	PHILIPPINES	70,000			Within EEZ	NO
POLE-AND-LINE	INDONESIA	166,912			Mostly within archipelagic waters	NO
	JAPAN	114,573	8,394	21,021		YES
	SOLOMON ISLANDS	7,731	561	1,697	Within EEZ	YES
RINGNET	PHILIPPINES	18,270			Within EEZ	NO
SEINE	CHINESE TAIPEI	2,473			Within EEZ	NO
TROLL	JAPAN	17,179			Within EEZ	NO
UNCLASSIFIED / UNSPECIFIED	INDONESIA	121,682			Within EEZ	NO
	KIRIBATI	2,368			Within EEZ	NO
	PHILIPPINES	2,727			Within EEZ	NO

Notes:

1. Source: Raised logsheet data. 2013 data are provisional.
2. The column labeled "Average Annual tuna catch" is the average total skipjack, yellowfin and bigeye tuna catch for 2001-2004, or 2004. Average catches less than 2,000 t. Have been excluded as per CMM 2013-01 Para. 47.
3. The CMM 2013 limit for total effort was determined from the average level for the period 2001-2004 or 2004 effort level.
4. The definition for "Commercial" fisheries, at this stage, includes all fisheries other than purse seine and longline fisheries, until otherwise advised.
5. The definition for "Commercial" fisheries, at this stage, includes all fisheries other than purse seine and longline fisheries, until otherwise advised.
6. Chinese Taipei advised on 29 July 2014 that its SEINE vessels have a historical catch over 2000 Mt of skipjack. The total number of Chinese Taipei seine vessels has been limited to 200 (source of baseline year not specified 2004 or ave 2001-2004 catches), and the number of vessels that actively fished in 2013 was 112. Annual catches of skipjack tuna and vessel numbers were provided for the period 2001-2013 on 30th October 2014. The average catch for 2004 was 2,473 t.

