



TECHNICAL AND COMPLIANCE COMMITTEE
Eleventh Regular Session
23-29 September 2015
Pohnpei, Federated States of Micronesia

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

WCPFC-TCC11-2015-IP08
10 September 2015

According to data last updated – 7th September 2015

Tables last updated on 10th September 2015

Contents

No.	Table Caption	Notes on revisions between TCC10 and WCPFC11	Notes on major revisions between WCPFC11 and TC11
ALL TABLES			
Table 1	PURSE SEINE days fished in waters under national jurisdiction and in International waters in the WCPFC-CA.	<ul style="list-style-type: none"> – Incorporates additional 2013 data 	<ul style="list-style-type: none"> – Provisional 2014 data added – Changes to the estimates of effort for Philippines and Indonesia as follows: <ul style="list-style-type: none"> ○ Previous estimates included the estimated AW effort, now AW effort is excluded. ○ More precise estimates of catch for EEZ (excl AW) from Indonesia are now available and have been used to estimate effort for EEZ (excl. AW). – Updated 2013-01 limits for Japan – Moved Vietnam out of the list (since it is acknowledged to be outside WCPFC Convention Area).
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.	<ul style="list-style-type: none"> – Incorporates additional 2013 data – European Union should exclude high seas days in the WCPFC/IATTC overlap area, as agreed at WCPFC8 (see note 9 in this table) 	<ul style="list-style-type: none"> – Provisional 2014 data added
Table 3	Estimated PURSE SEINE FAD sets undertaken in the tropical fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2013	<ul style="list-style-type: none"> – Incorporates additional 2013 data 	<ul style="list-style-type: none"> – Provisional 2014 data added
Table 4	Reported LONGLINE catches (metric tonnes) of bigeye tuna in the WCPFC-CA, by flag.		<ul style="list-style-type: none"> – Provisional 2014 data added – EU-Spain and EU-Portugal adjacent and limits correspond to combined catch for these fleets.
Table 5	Reported LONGLINE catches (metric tonnes) of yellowfin tuna in the WCPFC-CA, by flag.		<ul style="list-style-type: none"> – Provisional 2014 data added
Table 6	Total Effort of COMMERCIAL FISHERIES, other than Purse seine and Longline, in the WCPFC Statistical Area.	<ul style="list-style-type: none"> – Includes recently provided catch data from the Chinese Taipei “SEINE” fishery 	<ul style="list-style-type: none"> – Provisional 2014 data added – New notes added (5 and 6)

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	2014	CMM 2012-01 limits	CMM 2013-01 limits	Av. 2006-2010	See NOTE(s)
AUSTRALIA	0	1	1	0	0	0	0	1	1	0	0	0	0	0			0	2,9
COOK ISLANDS	46	228	8	6	2	8	3	29	44	19	102	495	198	334			21	2
FIJI	12	5	10	26	36	6	6	23	11	29	26	28	32	0			15	2
FRENCH POLYNESIA	0	2	0	0	0	0	0	0	0	0	0	0	0	0			0	2
INDONESIA	467	432	483	644	750	598	451	285	319	221	490	1,103	2,301	1,333	507		375	4,17
JAPAN	2,339	2,253	2,166	2,203	1,591	1,409	1,650	728	405	384	188	295	449	182		2,240	915	2,9,10,15
NEW ZEALAND	233	256	172	459	371	218	245	234	135	218	270	268	290	267			210	2,9
NIUE	0	0	1	0	0	0	0	0	0	0	1	0	0	0			0	2
PHILIPPINES	726	776	1,077	1,120	1,054	1,054	1,197	1,371	975	652	425	350	449	480	925		1,050	4,6,8,17
SAMOA	7	11	3	4	3	1	3	7	9	7	39	30	33	14			5	2
TOKELAU	99	395	27	69	128	33	48	137	214	178	869	736	399	550			122	2
TONGA	2	0	0	1	1	0	0	0	0	0	0	0	0	0			0	2
USA	350	480	237	300	132	191	106	62	128	32	44	202	188	231			104	2
VANUATU	2	2	0	23	1	0	0	14	1	0	4	5	1	0			3	2
WALLIS AND FUTUNA	5	3	4	0	4	0	0	6	6	1	3	1	0	1			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	41,433	43,699	42,017	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	8,081	7,984	7,159			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	49,514	51,683	49,176			30,845	5
TOTAL EEZs - excl. PNA AWs	29,242	32,107	33,533	35,380	36,464	35,614	35,483	37,540	35,165	45,545	49,385	44,945	48,039	45,408			32,566	
TOTAL EEZs - excl. PNA AWs and ID/PH	28,049	30,899	31,973	33,616	34,660	33,962	33,835	35,884	33,871	44,672	48,470	43,492	45,289	43,595			31,134	
TOTAL EEZs + PNA AWs	31,652	34,317	37,095	38,476	41,093	39,526	41,175	43,516	41,866	51,370	57,584	53,026	56,023	52,567			35,385	
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	2,205	6,287	6,832				6,11
TOTAL (EEZs + IW + PNA AWs)	38,998	42,530	45,327	48,717	49,851	46,142	49,368	52,104	52,023	52,903	59,103	55,231	62,310	59,399				
TOTAL minus ID/PH	37,305	40,822	43,267	46,453	47,547	43,990	47,220	49,948	50,229	52,030	58,188	53,778	59,560	57,586				
VIETNAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	16

Notes:

1. Source: Raised logsheet data.
2. CMM 2013 -- Para. 23. for years 2014 onwards
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 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). The estimates exclude archipelagic waters (AW) effort.
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 2008-2014 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 WCFPC 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).
17. CMM 2013-01 -- Para. 23. for 2014 onwards applies.

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															CMM 2013-01 limits for 2014 (Att. D)	Max. Annual days for 2010-2012	See Notes
Flag	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014			
CHINA	88	125	149	424	505	231	334	260	988	13	7	26	15	9	26	26	
ECUADOR	0	0	0	0	0	0	0	0	0	1	0	1	0	0	**	1	9,11
EL SALVADOR	3	21	0	0	0	0	189	180	78	46	33	29	29	19	**	46	9,11
EUROPEAN UNION	0	8	13	53	31	78	237	278	249	284	313	422	371	366	403	422	9
FSM	239	239	176	384	218	86	168	125	334	6	3	14	7	12			
INDONESIA	500	500	500	500	500	500	500	500	500	0	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	8	121	6	
KIRIBATI	41	54	40	36	50	52	22	19	201	108	236	164	342	858			
MARSHALL ISLANDS	170	209	441	396	400	154	152	282	167	71	34	2	5	7			
NEW ZEALAND	23	329	342	206	96	287	200	196	206	67	28	88	14	18	160		12
PAPUA NEW GUINEA	416	621	633	1,208	1,300	463	849	713	849	78	22	38	19	42			
PHILIPPINES	13	56	449	464	320	151	26	73	20	2	0	3	4,096	3,461	4,659		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	33	188	207	234	
SOLOMON ISLANDS	31	37	0	0	17	15	5	0	0	0	0	0	0	0			
TUVALU	0	0	0	0	0	0	0	0	36	4	5	1	0	1			
CHINESE TAIPEI	1,972	1,860	1,442	1,844	1,229	1,240	1,484	1,329	1,353	96	81	24	72	48	95	96	
USA	969	1,315	858	989	767	527	791	1,546	1,739	394	577	1,263	1,018	1,008	1,270	1,263	
VANUATU	67	166	186	579	378	401	383	215	101	37	30	7	8	3			
TOTAL	7,200	8,094	8,137	10,194	8,717	6,498	8,077	8,285	10,077	1,447	1,437	2,105	6,041	6,048			

PURSE SEINE DAYS FISHED in WCPFC-IATTC OVERLAP AREA																See Notes
Flag	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
ECUADOR	0	0	0	0	0	0	22	87	37	52	39	76	89	68		9
EL SALVADOR	23	35	3	0	0	0	26	131	24	20	22	4	121	62		9
EUROPEAN UNION	126	78	91	49	41	119	35	29	14	14	17	11	35	18		9
TOTAL	149	113	94	49	41	119	83	247	75	86	78	91	245	148		

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. Attachment C para 10 describes two limits: 1) total number of catcher vessels fishing in HSP-SMA is limited to 36, and 2) an effort limit in vessel days of 4,659 days (ref Table 2(b) WCPFC9-2012-IP09_rev3)
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 average of 2006-2008 effort with an agreed reduction in line with CMM 2012-01 and its predecessor CMMs.

Table 3. Estimated FAD sets undertaken in the tropical purse seine fishery of the WCPFC Convention Area (20°N-20°S), by flag, 2001-2014.

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	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	1,411	1,468		845	CHINA	1,272
0	0	0	0	0	0	72	282	122	169	399	546	225	301		119	ECUADOR	349
9	27	1	0	0	0	53	152	162	137	186	211	286	109		59	EL SALVADOR	185
71	32	59	81	46	125	238	411	329	283	487	459	514	418		170	EUROPEAN UNION	506
325	385	489	789	496	282	337	480	732	430	791	822	535	596	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	1,024	1,477	2,139	JAPAN	1,256
72	62	63	96	103	66	61	68	235	219	557	508	661	863	301	493	KIRIBATI	421
392	578	875	1,064	934	743	890	459	620	632	1,558	1,321	1,154	1,257		1,028	MARSHALL ISLANDS	1,157
136	399	439	574	196	488	418	440	387	190	188	145	116	143		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	1,437	1,546		2,215	PAPUA NEW GUINEA	1,723
884	998	1,230	1,191	1,126	812	252	380	442	353	252	343	395	428		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	1,153	1,067		2,286	REPUBLIC OF KOREA	1,479
178	150	103	106	193	301	162	111	177	95	184	185	149	189		165	SOLOMON ISLANDS	186
1,615	2,618	1,849	3,217	2,737	3,044	2,805	2,274	2,698	1,828	2,959	2,996	2,610	2,639		2,416	CHINESE TAIPEI	2,612
0	0	0	0	0	0	0	0	29	40	55	85	74	54		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	3,135	3,357		2,522	USA	3,061
36	138	181	631	665	450	427	247	385	191	393	248	260	228		349	VANUATU	393
9,787	12,086	11,553	19,014	14,784	16,187	14,351	15,904	18,466	11,257	18,865	17,448	15,151	15,687		16,182		15,864

Notes

1. 2014 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	2014	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	327			(4)
AUSTRALIA	1,307	1,002	1,024	892	791	499	1,008	1,027	726	458	379	482	425	437	2,000	2,000	(7)
BELIZE	1,322	812	782	297	425	254	158	89	43	89	102	132	217	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	9,370	10,673	9,398	(10), (11)
COOK ISLANDS	1	56	204	394	220	166	238	292	217	319	925	1,624	208	194			(4)
EU-PORTUGAL	0	0	0	0	0	0	0	0	0	0	3	17	106	71			
EU-SPAIN	0	0	0	42	17	62	62	77	46	15	10	23	23	65	2,000	2,000	(7)
FSM	651	759	656	542	182	172	1,395	970	1,395	899	1,500	1,700	1,270	1,388			(4)
FIJI	662	853	889	1,254	721	771	556	671	768	539	1,718	1,588	1,018	1,698			(4)
FRENCH POLYNESIA	745	649	439	502	606	498	478	490	587	436	607	654	787	777			(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	2,603	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	15,436	11,723	15,046	19,670	19,670	
KIRIBATI	0	0	1	0	0	0	0	44	0	3	155	800	582	268			(4)
MARSHALL ISLANDS	0	0	0	1	0	0	3	375	381	257	259	335	80	0			(4)
NAURU	6	3	10	0	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	58			(4)
NEW ZEALAND	481	201	204	177	175	177	213	133	253	132	174	154	109	122	2,000	2,000	(7)
NIUE	0	0	0	0	10	22	35	51	10	4	0	0	0	0			(4)
NORTHERN MARIANAS	0	0	0	0	0	0	0	0	0	0	0	0	501	1,000			(4)
PALAU	21	1	1	7	0	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	52			(4)
PHILIPPINES	59	59	59	59	59	59	59	59	59	59	777	248	167	63	2,000	2,000	(6), (7)
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	12,779	15,014	15,014	(11), (13)
SAMOA	185	137	110	104	64	128	101	106	117	108	71	54	36	48			(4)
SENEGAL	0	0	0	0	0	3	2	0	0	0	0	0	0	0			
SOLOMON ISLANDS	187	401	385	294	3	0	0	0	0	481	232	0	0	3,114			(4), (11)
TONGA	191	215	94	40	125	117	129	81	38	24	18	10	7	22			(4)
TUVALU	0	0	0	0	0	0	0	0	0	0	105	1,408	76	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	10,018	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	3,815	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	3,419			(4)
WALLIS AND FUTUNA	0	0	0	0	0	0	0	0	0	0	6	0	0	0			(4)
Total	73,938	89,177	78,914	93,664	73,920	78,382	75,740	76,790	74,928	66,624	70,208	76,968	60,327	67,047	75,100	73,022	
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	2,260			(9)

Notes:

1. Source: WCPFC Annual catch estimates as at 20th July 2015 (2014 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 for relevant WCPFC members. (according to CMM 2008-01 Para. 32, CMM 2012-01 para 26 and CMM 2013-01 para 41). Note although EU fleets are reported here separately by flag, it is understood that as per the relevant CMM the 2000 Mt limit applies to the combined EU-longline fleet.
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 WCPFC 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, 2011 and 2014
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	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2014 (excl. SIDs)	CMM 2012-01 limits	Av. 2001- 2004	See Notes
AMERICAN SAMOA	188	485	497	888	526	513	640	333	398	473	701	620	412	457			515	(4)
AUSTRALIA	2,819	3,531	3,681	2,356	1,499	1,830	1,390	1,650	1,387	1,359	1,858	1,150	1,139	1,533	1,533	3,097	3,097	
BELIZE	957	720	943	208	298	106	273	129	121	28	13	30	21	21	21	2,000	707	(6)
CHINA	1,919	1,844	3,358	4,048	2,446	4,055	2,768	5,007	7,958	2,576	4,598	6,004	4,638	5,949	5,949	2,792	2,792	(9), (10)
COOK ISLANDS	1	42	178	506	413	262	290	247	197	192	394	693	346	553			182	(4)
EU-PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	2	22	22		0	(13)
EU-SPAIN	0	0	0	23	1	127	127	10	7	3	0	2	2	11	11	2,000	6	(13)
FSM	338	164	276	185	99	270	548	328	583	406	750	750	850	971			241	(4)
FIJI	2,082	2,027	2,482	4,164	2,591	2,231	1,721	2,763	3,440	2,602	4,051	3,188	2,203	4,343			2,689	(4)
FRENCH POLYNESIA	967	507	621	1,066	793	690	527	447	716	418	491	758	615	817			790	(4)
INDONESIA	4,001	6,243	9,209	9,313	10,762	9,482	10,371	12,689	18,221	14,041	13,750	11,656	8,271	8,667	8,667	7,192	7,192	(12)
JAPAN	18,096	15,810	16,803	15,209	14,792	13,462	13,725	11,820	13,626	16,972	10,941	10,002	7,778	6,879	6,879	16,480	16,480	
KIRIBATI	2	0	2	0	0	0	0	7	0	4	140	300	175	108			1	(4)
MARSHALL ISLANDS	0	0	0	3	0	0	2	91	120	117	99	113	47	0			1	(4)
NAURU	5	2	6	1	0	0	0	0	0	0	0	0	0	0			4	(4)
NEW CALEDONIA	570	572	754	631	448	414	393	424	487	505	585	573	531	741			632	(4)
NEW ZEALAND	131	27	39	36	36	3	25	11	3	6	3	1	1	2	6	2,000	58	
NIUE	0	0	0	0	34	42	43	40	20	8	0	0	0	0			0	(4)
NORTHERN MARIANAS	0	0	0	0	0	0	0	0	0	0	0	0	92	92			0	(4)
PALAU	41	3	19	28	0	0	0	0	0	0	0	0	0	0			23	(4)
PAPUA NEW GUINEA	1,812	1,738	1,747	2,318	1,222	2,139	1,539	2,259	2,714	2,147	2,303	2,961	1,041	1,568			1,904	(4)
PHILIPPINES	484	484	484	484	484	484	484	484	484	484	146	61	27	153	153	2,000	484	(5)
REPUBLIC OF KOREA	13,768	15,497	12,134	10,058	13,329	9,529	8,817	7,846	10,032	7,644	7,881	7,832	5,716	8,371	8,371	12,864	12,864	(10)
SAMOA	470	369	293	444	199	264	305	317	412	386	395	234	330	231			394	(4)
SENEGAL	0	0	0	0	6	3	4	0	0	0	0	0	0	0	0	2,000	0	(7)
SOLOMON ISLANDS	159	401	258	440	6	0	0	0	0	3,834	294	0	0	11,637			315	(4), (10)
TONGA	259	263	263	163	219	227	341	291	109	47	171	140	126	195			237	(4)
TUVALU	0	0	0	0	0	0	0	0	0	0	286	453	41	41			0	(4)
CHINESE TAIPEI	22,326	21,993	22,149	22,975	19,571	18,654	16,668	16,411	19,693	19,974	21,320	16,958	14,999	12,257	12,257	22,361	22,361	(10)
USA	1,016	572	809	694	698	937	833	836	429	462	738	576	546	565	565	2,000	773	
VANUATU	49	778	1,315	1,755	1,147	1,346	967	860	801	788	1,269	2,230	1,626	1,695			974	(4)
WALLIS AND FUTUNA	0	0	0	0	0	0	0	0	0	0	4	0	0	0			0	(4)
Total	72,460	74,072	78,320	77,996	71,619	67,070	62,801	65,300	81,958	75,476	73,181	67,285	51,575	67,879	44,434	76,785	75,712	
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	13,917				(8)

Notes:

1. Source: WCFPC Annual catch estimates as at 20th July 2015 (2014 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 WCPF Convention Area to one longline vessel - WCFPC5 Report (Para. 44)
8. The Vietnam longline fleet are understood to fish outside the WCFPC 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.
13. Note although EU fleets are reported here separately by flag, it is understood that as per the relevant CMM the 2000 Mt limit applies to the combined EU-longline fleet.

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		Area Note	Availability of EFFORT data	See NOTE
			CMM 2013 limit	2014			
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			Mostly within archipelagic waters	NO	
POLE-AND-LINE	INDONESIA	166,912			Mostly within archipelagic waters	NO	
	JAPAN	114,573	21,051	11,299		YES	3, 6
	SOLOMON ISLANDS	7,731	1,697	142	Mostly within archipelagic waters	YES	3
RINGNET	PHILIPPINES	2,473			Mostly within archipelagic waters	NO	
SEINE	CHINESE TAIPEI	18,270			Within EEZ	NO	5
TROLL	JAPAN	17,179			Primarily Territorial Seas	NO	6
UNCLASSIFIED / UNSPECIFIED	INDONESIA	121,682			Within EEZ	NO	
	KIRIBATI	2,368			Within EEZ	NO	
	PHILIPPINES	2,727			Mostly within archipelagic waters	NO	

Notes:

1. Source: Raised logsheet data. 2014 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. 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.

6. Advice from Japan -- "Paragraph 9 of CMM 2012-01 provides that this measure applies to all areas of high seas and EEZs in the Convention Area. Therefore this paragraph does not apply to troll fishery, which operate within territorial sea.

- Regarding pole-and-line fishery and purse seine north of 20N fishery JFA ensure that the total effort and capacity of these tuna fisheries shall not exceed the average level for the period 2001-2004 or 2004 under its licensing system.

- Therefore JFA consider fulfilling this requirement.

- JFA submits following information of pole-and-line fishery and purse seine north of 20N fishery as attached. On the other hand JFA does not agree with the Secretariat view to consider non provision of these data as a potential compliance issue because it is not required under this paragraph.

Effort data (2001-2004 average, 2004 and 2013)

Catch data (2001-2004 average, 2004 and 2013)"