

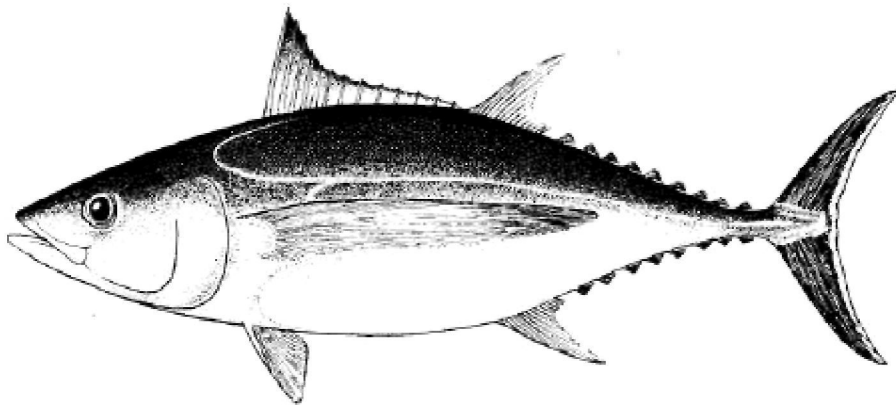


SCTB16 Working Paper

ALB-3

**A summary of aggregate catch/effort and size composition data
available to the SCTB**

SOUTH PACIFIC ALBACORE



Oceanic Fisheries Programme
Secretariat of the Pacific Community
Noumea, New Caledonia

June 2003

INTRODUCTION

Tables 1–3 provide a summary of aggregate catch/effort and size composition data available to the Standing Committee on Tuna and Billfish (SCTB). The summarised information provided have been ordered by species, gear and vessel nation to better cater for the requirements of each SCTB Species Research Group (SRG). It should be noted that the public domain SCTB data are aggregated across all vessel nations.

The tables have rows corresponding to the existence of annual catch estimates for that species, gear and vessel nation. For each line, the temporal ("TIME") and spatial ("AREA") stratification of the available data are included, with an explanation of the codes used provided in the appendix. Each line also includes the number of available records for catch/effort and fish size samples for that time/area stratum. Graphs showing the number of albacore length samples available by vessel nation for the major gears are presented in Figures 1–2.

Similar information is also presented in the form of time-line graphs for each species and gear.

Brief notes on the sources, coverage and quality of aggregate catch and effort and size composition data available to the SCTB have been tabulated in SCTB16 WP RG–1. These notes can be referenced via the note number found in the appropriate column for each gear, vessel nation combination of Tables 1–3.

More detailed quantitative measures of the OFP data holdings, with a breakdown by sources of data provided, are available in the OFP Data Catalogue, which can be found on the SPC website (www.spc.int/oceanfish).

SOUTH PACIFIC ALBACORE

Table 1. Summary of available albacore data for the south Pacific DRIFTNET fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples
1983	JAPAN	32	M	5	1	5	--	-----	-----
1984	JAPAN	1,581	M	5	1	33	--	-----	-----
1985	JAPAN	1,928	M	5	1	18	--	-----	-----
1986	JAPAN	1,936	M	5	1	17	--	-----	-----
1987	JAPAN	919	M	5	1	11	--	-----	-----
1988	JAPAN	4,271	M	5	1	21	M	F	3,785
	TAIWAN	1,000	M	5	2	38	--	-----	-----
1989	JAPAN	13,263	M	5	1	56	M	5,F	32,478
	KOREA	172	Y	F		1	--	-----	-----
	TAIWAN	8,520	M	5	2	48	--	-----	-----
1990	JAPAN	5,567	M	5	1	24	M	5,F	23,694
	TAIWAN	1,859	Y	F		1	--	-----	-----
1991	TAIWAN	1,394	Y	F		1	--	-----	-----

Table 2. Summary of available albacore data for the south Pacific LONGLINE fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency			Weight Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples	TIME	AREA	Samples
1952	JAPAN - DW/OS	154	M	5	14	47	--	-----	-----	--	-----	-----
1953	JAPAN - DW/OS	803	M	5	14	108	--	-----	-----	--	-----	-----
1954	JAPAN - DW/OS	9,578	M	5	14	265	--	-----	-----	--	-----	-----
1955	JAPAN - DW/OS	8,625	M	5	14	379	--	-----	-----	--	-----	-----
1956	JAPAN - DW/OS	7,281	M	5	14	371	--	-----	-----	--	-----	-----
1957	JAPAN - DW/OS	8,757	M	5	14	435	--	-----	-----	--	-----	-----
1958	JAPAN - DW/OS	18,490	M	5	14	537	--	-----	-----	--	-----	-----
	KOREA	146	Y	F		1	--	-----	-----	--	-----	-----
1959	JAPAN - DW/OS	17,385	M	5	14	488	--	-----	-----	--	-----	-----
	KOREA	456	Y	F		1	--	-----	-----	--	-----	-----
1960	JAPAN - DW/OS	21,638	M	5	14	524	--	-----	-----	--	-----	-----
	KOREA	610	Y	F		1	--	-----	-----	--	-----	-----
1961	JAPAN - DW/OS	23,412	M	5	14	583	--	-----	-----	--	-----	-----
	KOREA	330	Y	F		1	--	-----	-----	--	-----	-----
1962	JAPAN - DW/OS	26,880	M	5	14	855	M	5	3,545	--	-----	-----
	KOREA	599	M	5	16	7	M	5	350	--	-----	-----
1963	JAPAN - DW/OS	17,274	M	5	14	1,187	M	5	16,319	--	-----	-----
	KOREA	1,367	M	5	16	29	M	5	1,874	--	-----	-----
	TAIWAN - DW	608	Y	F		1	--	-----	-----	--	-----	-----
1964	JAPAN - DW/OS	13,540	M	5	14	1,036	M	5	12,921	--	-----	-----
	KOREA	2,911	M	5	16	26	M	5	2,344	--	-----	-----
	TAIWAN - DW	629	M	5	25	22	--	-----	-----	--	-----	-----
1965	JAPAN - DW/OS	14,098	M	5	14	949	M	5,T	32,590	--	-----	-----
	KOREA	6,405	M	5	16	78	M	5	5,998	--	-----	-----
	TAIWAN - DW	1,640	M	5	25	42	--	-----	-----	--	-----	-----
1966	JAPAN - DW/OS	17,993	M	5	14	1,138	M	5,T	39,088	--	-----	-----
	KOREA	10,817	M	5	16	101	M	5	9,404	--	-----	-----
	TAIWAN - DW	6,669	M	5	25	104	--	-----	-----	--	-----	-----
1967	JAPAN - DW/OS	12,160	M	5	14	975	M	5,T	32,310	--	-----	-----
	KOREA	13,717	M	5	16	121	M	5	11,532	--	-----	-----
	TAIWAN - DW	11,497	M	5	25	110	--	-----	-----	--	-----	-----
1968	JAPAN - DW/OS	5,566	M	5	14	865	M	5,T	16,640	--	-----	-----
	KOREA	10,138	M	5	16	117	M	5	10,219	--	-----	-----
	TAIWAN - DW	12,254	M	5	25	354	--	-----	-----	--	-----	-----
1969	JAPAN - DW/OS	3,946	M	5	14	746	M	5,T	10,937	--	-----	-----
	KOREA	9,963	M	5	16	150	M	5	13,977	--	-----	-----
	TAIWAN - DW	9,503	M	5	25	171	--	-----	-----	--	-----	-----
1970	JAPAN - DW/OS	4,809	M	5	14	815	M	5,T	17,766	--	-----	-----
	KOREA	11,599	M	5	16	135	M	5	12,186	--	-----	-----
	TAIWAN - DW	14,484	M	5	25	333	--	-----	-----	--	-----	-----
1971	JAPAN - DW/OS	3,794	M	5	14	616	M	5,T	5,734	--	-----	-----
	KOREA	14,482	M	5	16	140	M	5	11,780	--	-----	-----
	TAIWAN - DW	15,871	M	5	25	500	--	-----	-----	--	-----	-----
1972	JAPAN - DW/OS	2,395	M	5	14	582	M	5,T	4,450	--	-----	-----
	KOREA	14,439	M	5	16	143	M	5	10,232	--	-----	-----
	TAIWAN - DW	16,674	M	5	25	501	--	-----	-----	--	-----	-----
1973	JAPAN - DW/OS	1,854	M	5	14	534	Q	T	5,191	--	-----	-----

Table 2. Summary of available albacore data for the south Pacific LONGLINE fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency			Weight Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples	TIME	AREA	Samples
1974	KOREA	17,452	M	5	16	206	M	5	15,419	--	-----	-----
	SOLOMON IS.	4	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	17,741	M	5	25	457	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	1,499	M	5	14	560	Q	T	2,297	--	-----	-----
1975	KOREA	12,194	M	5	16	145	M	5	10,489	--	-----	-----
	TAIWAN - DW	16,857	M	5	25	352	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	778	M	5	14	440	Q	T	1,885	--	-----	-----
1976	KOREA	9,015	M	5	16	136	M	5	6,170	--	-----	-----
	TAIWAN - DW	16,056	M	5	25	426	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	839	M	5	14	552	Q	T	3,299	--	-----	-----
1977	KOREA	9,058	M	5	16	332	M	5	6,644	--	-----	-----
	SOLOMON IS.	6	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	13,206	M	5	25	251	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	345	M	5	14	576	Q	T	11,394	--	-----	-----
1978	KOREA	11,229	M	5	16	614	M	5,A	5,847	--	-----	-----
	SOLOMON IS.	9	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	21,429	M	5	25	413	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	505	M	5	14	590	Q	T	11,494	--	-----	-----
1979	KOREA	11,658	M	5	16	527	M	5,A	3,334	--	-----	-----
	SOLOMON IS.	9	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	20,702	M	5	25	466	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	704	M	5	14	522	M	5,T	5,079	--	-----	-----
1980	KOREA	11,411	M	5	16	563	M	5,A	2,906	--	-----	-----
	SOLOMON IS.	21	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	14,987	M	5	25	493	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	1,328	M	5	14	650	Q	T	2,024	--	-----	-----
1981	KOREA	10,449	M	5	16	623	M	5,A	1,287	--	-----	-----
	SOLOMON IS.	25	Y	F		1	--	-----	-----	--	-----	-----
	TAIWAN - DW	17,998	M	5	25	559	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	2,829	M	5	14	704	Q	T	272	--	-----	-----
1982	KOREA	13,342	M	5	16	733	M	5	306	--	-----	-----
	SOLOMON IS.	2	M	5	24	4	--	-----	-----	--	-----	-----
	TAIWAN - DW	14,390	M	5	25	587	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	4,003	M	5	14	663	M	5,T	523	--	-----	-----
1983	KOREA	10,769	M	5	16	568	M	5,A	1,075	--	-----	-----
	SOLOMON IS.	8	M	5	24	20	--	-----	-----	--	-----	-----
	TAIWAN - DW	12,634	M	5	25	420	--	-----	-----	--	-----	-----
	TONGA	106	M	5	28	12	--	-----	-----	--	-----	-----
1984	JAPAN - DW/OS	3,152	M	5	14	601	Q	T	406	--	-----	-----
	KOREA	7,069	M	5	16	438	M	5,A	1,531	--	-----	-----
	NEW CALEDONIA	12	M	5	18	6	--	-----	-----	--	-----	-----
	SOLOMON IS.	19	M	5	24	16	--	-----	-----	--	-----	-----
1985	TAIWAN - DW	12,069	M	5	25	307	--	-----	-----	--	-----	-----
	TONGA	143	M	5	28	11	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	1,987	M	5	14	613	Q	T	346	--	-----	-----
	KOREA	5,321	M	5	16	457	M	5,A,T	4,524	--	-----	-----
1986	NEW CALEDONIA	112	M	5	18	15	--	-----	-----	--	-----	-----
	SOLOMON IS.	19	M	5	24	24	--	-----	-----	--	-----	-----
	TAIWAN - DW	11,155	M	5	25	336	--	-----	-----	--	-----	-----
	TONGA	135	M	5	28	14	--	-----	-----	--	-----	-----
1987	JAPAN - DW/OS	2,061	M	5	14	555	Q	T	1,828	--	-----	-----
	KOREA	13,544	M	5	16	479	M	5,A	4,759	--	-----	-----
	NEW CALEDONIA	131	M	5	18	37	--	-----	-----	--	-----	-----
	SOLOMON IS.	12	M	5	24	11	--	-----	-----	--	-----	-----
1988	TAIWAN - DW	9,601	M	5	25	234	--	-----	-----	--	-----	-----
	TONGA	174	M	5	28	12	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	2,455	M	5	14	587	Q	T	1,068	--	-----	-----
	KOREA	15,877	M	5	16	354	M	5,A	4,679	--	-----	-----
1989	NEW CALEDONIA	179	M	5	18	24	--	-----	-----	--	-----	-----
	TAIWAN - DW	11,913	M	5	25	184	--	-----	-----	--	-----	-----
	TONGA	206	M	5	28	19	--	-----	-----	--	-----	-----
	AUSTRALIA	129	M	5	6	28	--	-----	-----	--	-----	-----
1990	JAPAN - DW/OS	2,406	M	5	14	559	M	5,A,T	2,608	--	-----	-----
	KOREA	6,821	M	5	16	367	M	5,A,T	3,825	--	-----	-----
	NEW CALEDONIA	563	M	5	18	46	--	-----	-----	--	-----	-----
	TAIWAN - DW	15,009	M	5	25	234	--	-----	-----	--	-----	-----
1991	TONGA	252	M	5	28	26	--	-----	-----	--	-----	-----
	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----	-----
1992	AUSTRALIA	107	M	5	6	28	--	-----	-----	--	-----	-----

Table 2. Summary of available albacore data for the south Pacific LONGLINE fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency			Weight Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples	TIME	AREA	Samples
1989	JAPAN - DW/OS	4,009	M	5	14	598	M	5,T	2,886	--	-----	-----
	KOREA	6,563	M	5	16	441	M	5,A	3,400	--	-----	-----
	NEW CALEDONIA	584	M	5	18	25	--	-----	-----	--	-----	-----
	TAIWAN - DW	17,120	M	5	25	176	--	-----	-----	--	-----	-----
	TONGA	242	M	5	28	21	--	-----	-----	--	-----	-----
	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----	-----
	AUSTRALIA	556	M	5	6	51	--	-----	-----	--	-----	-----
	FIJI	3	Y	F		1	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	3,896	M	5	14	502	M	5,T	2,784	--	-----	-----
	KOREA	5,151	M	5	16	377	M	5,A	3,071	--	-----	-----
	NEW CALEDONIA	566	M	5	18	48	--	-----	-----	--	-----	-----
	NEW ZEALAND	9	M	5	19	2	--	-----	-----	--	-----	-----
1990	TAIWAN - DW	10,867	M	5	25	165	--	-----	-----	--	-----	-----
	TONGA	195	M	5	28	27	--	-----	-----	--	-----	-----
	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----	-----
	AUSTRALIA	269	M	5	6	45	--	-----	-----	--	-----	-----
	CHINA	4	Y	F		1	--	-----	-----	--	-----	-----
	FIJI	68	Y	F		1	--	-----	-----	--	-----	-----
	FR. POLYNESIA	20	Y	F		1	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	3,896	M	5	14	485	M	5,T	8,480	--	-----	-----
	KOREA	3,947	M	5	16	312	M	5,A	1,800	--	-----	-----
	NEW CALEDONIA	1,053	M	5	18	48	M	5,T	2,323	--	-----	-----
	NEW ZEALAND	170	M	5	19	13	--	-----	-----	--	-----	-----
	TAIWAN - DW	11,619	M	5	25	94	--	-----	-----	--	-----	-----
1991	TONGA	152	M	5	28	28	M	A	31	--	-----	-----
	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----	-----
	AUSTRALIA	225	M	5	6	61	--	-----	-----	--	-----	-----
	FIJI	208	Y	F		1	M	5,A	162	--	-----	-----
	FR. POLYNESIA	100	Y	F		1	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	2,508	M	5	14	501	M	5,T	27,750	--	-----	-----
	KOREA	1,866	M	5	16	329	M	5,A	1,693	--	-----	-----
	NEW CALEDONIA	909	M	5	18	49	M	5,T	3,430	--	-----	-----
	NEW ZEALAND	85	M	5	19	32	--	-----	-----	--	-----	-----
	TAIWAN - DW	16,508	M	5	25	143	--	-----	-----	--	-----	-----
	TONGA	171	M	5	28	25	--	-----	-----	--	-----	-----
	1992	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----
AUSTRALIA		320	M	5	6	67	--	-----	-----	--	-----	-----
FIJI		243	Y	F		1	M	5,A	7,828	--	-----	-----
FR. POLYNESIA		195	M	5	11	52	--	-----	-----	--	-----	-----
JAPAN - DW/OS		2,924	M	5	14	508	M	5,T	18,932	--	-----	-----
KOREA		2,271	M	5	16	386	M	A	1,129	--	-----	-----
NEW CALEDONIA		692	M	5	18	41	M	5,T	1,834	--	-----	-----
NEW ZEALAND		209	M	5	19	41	M	5	498	--	-----	-----
TAIWAN - DW		20,956	M	5	25	145	M	5,A	1,359	--	-----	-----
TONGA		199	M	5	28	30	--	-----	-----	--	-----	-----
AMERICAN SAMOA		1	Y	F		1	--	-----	-----	--	-----	-----
1993		AUSTRALIA	312	M	5	6	72	--	-----	-----	--	-----
	CHINA	1	Y	F		1	--	-----	-----	--	-----	-----
	FIJI	463	Y	F		1	M	5	225	M	5	100
	FR. POLYNESIA	714	M	5	11	34	M	5,A	2,433	--	-----	-----
	JAPAN - DW/OS	5,451	M	5	14	538	M	5,T	30,520	--	-----	-----
	KOREA	1,083	M	5	16	356	M	A	332	M	A	166
	NEW CALEDONIA	755	M	5	18	47	M	5,A	1,864	M	5,A	594
	NEW ZEALAND	345	M	5	19	61	--	-----	-----	--	-----	-----
	SAMOA	213	M	5	23	12	--	-----	-----	--	-----	-----
	TAIWAN - DW	17,701	M	5	25	312	M	5,A	6,373	--	-----	-----
	TONGA	231	M	5	28	7	--	-----	-----	--	-----	-----
	1994	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----
AUSTRALIA		400	M	5	6	81	--	-----	-----	--	-----	-----
CHINA		8	Y	F		1	--	-----	-----	--	-----	-----
COOK ISLANDS		21	M	5	8	13	--	-----	-----	--	-----	-----
FIJI		842	Y	F		1	M	5	82	M	A	82
FR. POLYNESIA		913	M	5	11	86	M	5,A	173	--	-----	-----
JAPAN - DW/OS		5,636	M	5	14	551	M	5,A,T	15,935	M	5	120
NEW CALEDONIA		840	M	5	18	29	M	5,A	1,334	M	5,A	454
NEW ZEALAND		635	M	5	19	70	M	5	118	--	-----	-----
SAMOA		641	M	5	23	12	--	-----	-----	--	-----	-----
TAIWAN - DW		19,731	M	5	25	323	M	5,A	4,173	--	-----	-----
TONGA		343	M	5	28	38	--	-----	-----	--	-----	-----

Table 2. Summary of available albacore data for the south Pacific LONGLINE fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency			Weight Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples	TIME	AREA	Samples
1995	AMERICAN SAMOA	1	Y	F		1	--	-----	-----	--	-----	-----
	AUSTRALIA	457	M	5	6	87	--	-----	-----	--	-----	-----
	CHINA	5	Y	F		1	--	-----	-----	--	-----	-----
	COOK ISLANDS	32	M	5	8	26	M	5	4	--	-----	-----
	FIJI	702	Y	F		1	M	5	992	--	-----	-----
	FR. POLYNESIA	772	M	5	11	108	M	5,A	1,133	M	A	8
	JAPAN - DW/OS	4,985	M	5	14	583	M	5,A,T	13,813	--	-----	-----
	KOREA	8	M	5	16	347	--	-----	-----	--	-----	-----
	NEW CALEDONIA	332	M	5	18	39	M	5,A	2,371	M	5,A	916
	NEW ZEALAND	810	M	5	19	70	M	5	1,481	--	-----	-----
	PNG	6	M	5	21	16	--	-----	-----	--	-----	-----
	SAMOA	1,883	M	5	23	12	--	-----	-----	--	-----	-----
	SOLOMON IS.	24	M	5	24	11	--	-----	-----	--	-----	-----
	TAIWAN - DW	12,775	M	5	25	115	M	5,A	5,332	--	-----	-----
	TONGA	379	Y	F		1	M	5,A	932	--	-----	-----
	VANUATU	109	M	5	31	17	--	-----	-----	--	-----	-----
1996	AMERICAN SAMOA	86	M	5	5	12	--	-----	-----	--	-----	-----
	AUSTRALIA	408	M	5	6	103	--	-----	-----	--	-----	-----
	CHINA	8	Y	F		1	--	-----	-----	--	-----	-----
	COOK ISLANDS	14	M	5	8	9	M	5	1	--	-----	-----
	FIJI	1,446	Y	F		1	M	5,A	928	--	-----	-----
	FR. POLYNESIA	1,463	M	5	11	95	M	5,A	4,975	--	-----	-----
	JAPAN - DW/OS	3,313	M	5	14	460	M	5,A,T	15,296	M	5	4
	KOREA	215	M	5	16	343	M	5,A	825	--	-----	-----
	NEW CALEDONIA	414	M	5	18	35	M	5,A	3,289	M	A	301
	NEW ZEALAND	1,079	M	5	19	67	M	5	2,695	--	-----	-----
	PNG	38	M	5	21	12	M	5	193	--	-----	-----
	SAMOA	1,775	M	5	23	12	--	-----	-----	--	-----	-----
	SOLOMON IS.	100	M	5	24	20	M	A	23	--	-----	-----
	TAIWAN - DW	11,909	M	5	25	216	M	5,A	5,904	--	-----	-----
	TONGA	431	M	5	28	22	M	5,A	813	M	A	1
	VANUATU	192	M	5	31	44	--	-----	-----	--	-----	-----
1997	AMERICAN SAMOA	309	M	5	5	10	--	-----	-----	--	-----	-----
	AUSTRALIA	302	M	5	6	124	--	-----	-----	--	-----	-----
	CHINA	2	Y	F		1	--	-----	-----	--	-----	-----
	FIJI	1,842	M	5	10	39	M	5,A	1,320	M	5,A	108
	FR. POLYNESIA	2,595	M	5	11	84	M	5,A	4,927	M	A	1
	JAPAN - DW/OS	3,554	M	5	14	418	M	5,A,T	15,063	--	-----	-----
	KOREA	845	M	5	16	282	M	A	214	--	-----	-----
	NEW CALEDONIA	277	M	5	18	33	M	5,A	14,583	M	5,A	3,597
	NEW ZEALAND	847	M	5	19	64	M	5	3,907	--	-----	-----
	PNG	101	M	5	21	30	--	-----	-----	--	-----	-----
	SAMOA	4,108	M	5	23	12	--	-----	-----	--	-----	-----
	SOLOMON IS.	109	M	5	24	23	M	5,A	233	--	-----	-----
	TAIWAN - DW	15,662	M	5	25	191	M	5,A	5,396	--	-----	-----
	TONGA	493	M	5	28	31	M	5,A	2,439	M	5,A	353
	VANUATU	95	M	5	31	34	--	-----	-----	--	-----	-----
	1998	AMERICAN SAMOA	446	M	5	5	46	M	5	3	--	-----
AUSTRALIA		460	M	5	6	137	--	-----	-----	--	-----	-----
CHINA		1	Y	F		1	--	-----	-----	M	A	4
FIJI		2,121	M	5	10	20	M	5,A	559	M	A	110
FR. POLYNESIA		3,189	M	5	11	76	M	5,A	371	--	-----	-----
JAPAN - DW/OS		5,960	M	5	14	483	M	5,T	12,715	--	-----	-----
KOREA		3,514	M	5	16	296	M	5,A	1,562	--	-----	-----
NEW CALEDONIA		860	M	5	18	62	M	5,A	19,558	M	5,A	1,961
NEW ZEALAND		2,057	M	5	19	71	M	5	3,007	--	-----	-----
PNG		40	M	5	21	33	--	-----	-----	--	-----	-----
SAMOA		4,742	Y	F		1	M	5	15	M	A	1,167
SOLOMON IS.		370	M	5	24	26	M	5,A	1,972	--	-----	-----
TAIWAN - DW		13,812	M	5	25	125	M	5,A	5,416	--	-----	-----
TONGA		616	M	5	28	35	M	5,A	2,855	M	A	94
VANUATU		10	M	5	31	9	--	-----	-----	--	-----	-----
1999		AMERICAN SAMOA	338	M	5	5	42	--	-----	-----	--	-----
	AUSTRALIA	359	M	5	6	159	--	-----	-----	--	-----	-----
	CHINA	3,473	Y	F		1	--	-----	-----	M	A	4
	FIJI	2,279	M	5	10	24	M	5,A	1,698	M	A	237
	FR. POLYNESIA	2,580	M	5	11	102	M	5,A	99	M	A	1
	JAPAN - DW/OS	6,410	M	5	14	376	M	5,T	4,132	--	-----	-----
KOREA	1,552	M	5	16	281	M	5	1,291	--	-----	-----	

Table 2. Summary of available albacore data for the south Pacific LONGLINE fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency			Weight Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples	TIME	AREA	Samples
2000	NEW CALEDONIA	690	M	5	18	60	M	5,A	23,145	M	A	2,946
	NEW ZEALAND	2,103	M	5	19	88	M	5	292	--	-----	-----
	PNG	85	M	5	21	40	--	-----	-----	--	-----	-----
	SAMOA	4,027	Y	F		1	M	5	46	M	A	6
	SOLOMON IS.	136	M	5	24	11	M	5	184	--	-----	-----
	TAIWAN - DW	13,684	M	5	25	210	M	5,A	3,057	--	-----	-----
	TONGA	801	M	5	28	41	M	5,A	1,582	M	A	1
	AMERICAN SAMOA	624	M	5	5	4	M	A	1,088	--	-----	-----
	AUSTRALIA	381	M	5	6	142	--	-----	-----	--	-----	-----
	CHINA	2,056	Y	F		1	M	A	600	--	-----	-----
	FIJI	6,065	M	5	10	37	M	A	1,124	M	A	103
	FR. POLYNESIA	3,473	M	5	11	122	--	-----	-----	--	-----	-----
	JAPAN - DW/OS	3,625	M	5	14	410	M	5,A,T	1,606	--	-----	-----
	KOREA	916	M	5	16	242	M	5,A	300	--	-----	-----
	NEW CALEDONIA	895	M	5	18	67	M	5,A	27,490	M	A	8,100
	NEW ZEALAND	1,344	M	5	19	98	--	-----	-----	--	-----	-----
	PNG	102	M	5	21	42	M	5	27	--	-----	-----
	SAMOA	4,067	Y	F		1	M	5	477	M	A	190
	SOLOMON IS.	224	M	5	24	31	M	5	3	--	-----	-----
	TAIWAN - DW	15,917	M	5	25	288	M	5,A	4,395	--	-----	-----
TONGA	862	M	5	28	45	M	5,A	8,857	M	A	1,049	
AMERICAN SAMOA	3,253	M	5	5	4	M	5,A	15,075	--	-----	-----	
AUSTRALIA	570	M	5	6	151	--	-----	-----	--	-----	-----	
CHINA	2,711	Y	F		1	M	5,A	1,950	--	-----	-----	
FIJI	7,971	M	5	10	36	M	5,A	366	--	-----	-----	
FR. POLYNESIA	4,261	M	5	11	93	--	-----	-----	--	-----	-----	
JAPAN - DW/OS	2,495	M	5	14	456	M	5,A,T	2,865	--	-----	-----	
KOREA	916	M	5	16	224	M	5,A	742	--	-----	-----	
NEW CALEDONIA	1,020	M	5	18	70	M	5,A	40,410	M	A	7,897	
NEW ZEALAND	2,093	M	5	19	87	--	-----	-----	--	-----	-----	
PNG	49	M	5	21	44	M	5,A	315	--	-----	-----	
SAMOA	4,820	Y	F		1	M	5	32,744	--	-----	-----	
SOLOMON IS.	54	M	5	24	30	--	-----	-----	--	-----	-----	
TAIWAN - DW	12,026	M	5	25	184	M	5,A	5,494	--	-----	-----	
TONGA	1,268	M	5	28	58	M	5,A	2,893	--	-----	-----	
AMERICAN SAMOA	N/A	M	5	5	12	M	5	2,643	--	-----	-----	
AUSTRALIA	N/A	M	5	6	166	--	-----	-----	--	-----	-----	
CHINA	N/A	M	5	7	40	M	5	100	--	-----	-----	
FIJI	N/A	M	5	10	55	M	5,A	788	--	-----	-----	
FR. POLYNESIA	N/A	M	5	11	93	--	-----	-----	--	-----	-----	
JAPAN - DW/OS	N/A	Y	F		1	--	-----	-----	--	-----	-----	
KOREA	N/A	M	5	16	57	--	-----	-----	--	-----	-----	
NEW CALEDONIA	N/A	M	5	18	75	M	5,A	23,364	--	-----	-----	
NEW ZEALAND	N/A	M	5	19	113	M	5	43	--	-----	-----	
PNG	N/A	M	5	21	50	M	5	3	--	-----	-----	
SAMOA	N/A	Y	F		1	M	5	49,166	--	-----	-----	
SOLOMON IS.	N/A	Y	F		1	--	-----	-----	--	-----	-----	
TAIWAN - DW	N/A	M	5	25	185	M	5,A	8,599	--	-----	-----	
TONGA	N/A	M	5	28	84	M	5	7,450	--	-----	-----	

Table 3. Summary of available albacore data for the south Pacific TROLL fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples
1967	NEW ZEALAND	5	Y	F		1	--	-----	-----
1968	NEW ZEALAND	14	Y	F		1	--	-----	-----
1970	NEW ZEALAND	50	Y	F		1	--	-----	-----
1972	NEW ZEALAND	268	Y	F		1	--	-----	-----
1973	NEW ZEALAND	484	Y	F		1	--	-----	-----
1974	NEW ZEALAND	898	Y	F		1	--	-----	-----
1975	NEW ZEALAND	646	Y	F		1	--	-----	-----
1976	NEW ZEALAND	25	Y	F		1	--	-----	-----
1977	NEW ZEALAND	621	Y	F		1	--	-----	-----
1978	NEW ZEALAND	1,686	Y	F		1	--	-----	-----
1979	NEW ZEALAND	814	Y	F		1	--	-----	-----
1980	NEW ZEALAND	1,468	Y	F		1	--	-----	-----
1981	NEW ZEALAND	2,085	Y	F		1	--	-----	-----
1982	NEW ZEALAND	2,434	M	5	71	2	--	-----	-----

Table 3. Summary of available albacore data for the south Pacific TROLL fishery

Year	Flag	Catch Estimate	Catch and Effort				Length Frequency		
			TIME	AREA	Note	Records	TIME	AREA	Samples
1983	NEW ZEALAND	744	M	5	71	25	--	-----	-----
1984	NEW ZEALAND	2,773	M	5	71	35	--	-----	-----
1985	NEW ZEALAND	3,253	M	5	71	31	--	-----	-----
1986	NEW ZEALAND	1,911	M	5	71	31	--	-----	-----
	USA	92	M	5	72	1	--	-----	-----
1987	NEW ZEALAND	1,256	M	5	71	33	--	-----	-----
	USA	793	M	5	72	24	M	A,F	2,594
1988	CANADA	235	Y	F		1	--	-----	-----
	NEW ZEALAND	405	M	5	71	24	M	5	351
	USA	3,574	M	5	72	28	M	A,F	7,839
1989	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	102	Y	F		1	--	-----	-----
	NEW ZEALAND	4,361	M	5	71	41	M	5	10,450
	USA	3,510	M	5	72	42	M	5,A,F	24,975
1990	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	299	Y	F		1	M	A	1,180
	NEW ZEALAND	2,555	M	5	71	16	M	5	54,237
	USA	3,785	M	5	72	36	M	5,A,F	5,092
1991	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	326	Y	F		1	M	A	180
	NEW ZEALAND	2,350	M	5	71	47	M	5	18,884
	USA	4,821	M	5	72	43	M	5,A,F	27,870
1992	AUSTRALIA	50	M	5	69	12	M	5	7,119
	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	72	Y	F		1	M	5,A	1,671
	NEW ZEALAND	3,265	M	5	71	68	M	5	22,861
	USA	2,993	M	5	72	57	M	5,A,F	7,721
1993	AUSTRALIA	35	M	5	69	25	--	-----	-----
	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	45	Y	F		1	--	-----	-----
	NEW ZEALAND	2,971	M	5	71	56	--	-----	-----
	USA	1,027	M	5	72	31	M	A,F	559
1994	AUSTRALIA	50	M	5	69	26	--	-----	-----
	CANADA	235	Y	F		1	--	-----	-----
	NEW ZEALAND	4,609	M	5	71	56	--	-----	-----
	USA	2,509	M	5	72	36	M	A,F,A	735
1995	CANADA	235	Y	F		1	--	-----	-----
	FR. POLYNESIA	183	Y	F		1	--	-----	-----
	NEW ZEALAND	5,339	M	5	71	59	--	-----	-----
	USA	1,936	M	5	72	31	M	A,F	1,259
1996	CANADA	136	Y	F		1	--	-----	-----
	FR. POLYNESIA	69	Y	F		1	--	-----	-----
	NEW ZEALAND	5,215	M	5	71	54	--	-----	-----
	USA	2,214	M	5	72	41	M	F	511
1997	CANADA	149	Y	F		1	--	-----	-----
	FR. POLYNESIA	24	M	5	70	9	--	-----	-----
	NEW ZEALAND	2,767	M	5	71	44	M	5	4,440
	USA	1,739	M	5	72	44	M	F	616
1998	AUSTRALIA	10	Y	F		1	--	-----	-----
	CANADA	167	Y	F		1	--	-----	-----
	NEW ZEALAND	4,463	M	5	71	36	M	5	4,955
	USA	1,618	M	5	72	46	M	F,5,A	3,950
1999	CANADA	253	Y	F		1	--	-----	-----
	NEW ZEALAND	1,799	M	5	71	40	M	5	2,231
	USA	1,339	M	5	72	36	M	F	258
2000	CANADA	351	Y	F		1	--	-----	-----
	NEW ZEALAND	3,084	M	5	71	33	M	5	674
	USA	2,435	M	5	72	40	M	F	721
2001	AUSTRALIA	2	M	5	69	10	--	-----	-----
	CANADA	206	Y	F		1	--	-----	-----
	NEW ZEALAND	3,254	M	5	71	57	M	5	1,155
	USA	2,085	M	5	72	50	M	F	2,352
2002	AUSTRALIA	N/A	M	5	69	7	--	-----	-----
	CANADA	N/A	Y	F		1	--	-----	-----
	NEW ZEALAND	N/A	M	5	71	40	--	-----	-----
	USA	N/A	Y	F		1	--	-----	-----

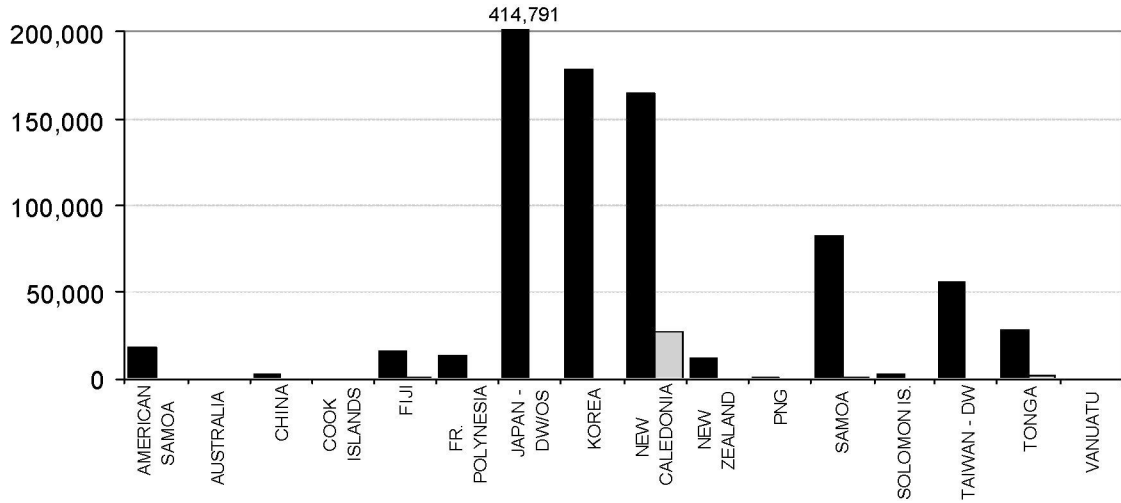


Figure 1. Number of south Pacific albacore length (black) and weight (grey) samples by vessel nation (LONGLINE)

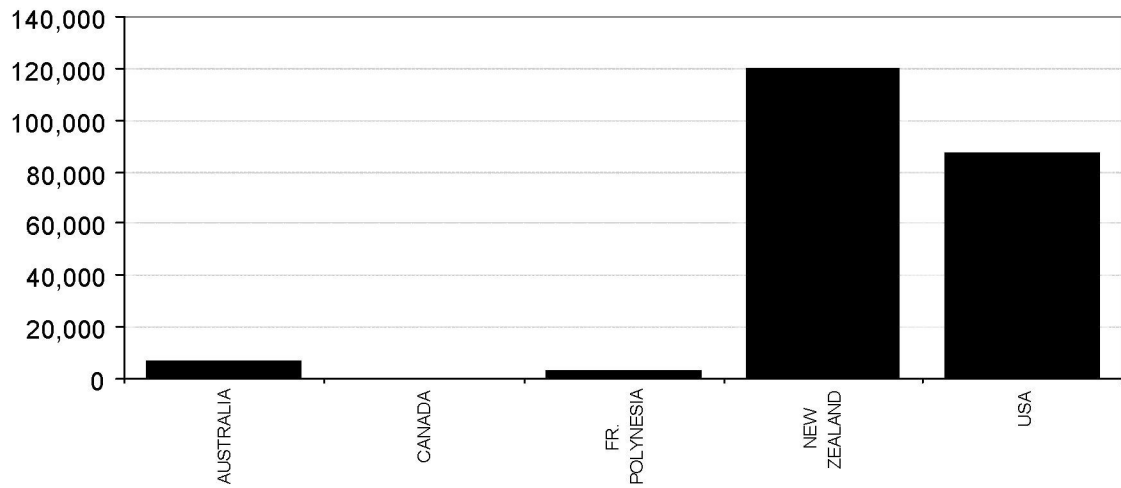


Figure 2. Number of south Pacific albacore length samples by vessel nation (TROLL)

APPENDIX

Table A1. Codes for Time stratification.

Code	Description
Y	The data provided were stratified by YEAR . This usually indicates that the annual catch estimate is the only information available.
Q	The data provided were stratified by QUARTER .
M	The data provided were stratified by MONTH .

Table A2. Codes for Area stratification.

Code	Description
5	Five degree squares
0	Ten degree squares
T	Ten by twenty degree rectangles
C	Data aggregated by broad area (larger than 10°x20° rectangles)
A	Data available at the level of broad area, typically exclusive economic zones (EEZs)
F	Data aggregated to the extent of this fishery (dependent on gear and flag). This usually indicates that the annual catch estimate is the only information available.

Table A3. Codes for Vessel fleet.

Code	Description
AF	Domestic fleet (activities restricted to the Australian Fishing Zone-AFZ)
AS	American Samoan-based fleet
CS	Coastal fleet
DW	Distant-water fleet
DW/OS	Distant-water and offshore fleets combined
GU	Guam-based fleet
HW	Hawaii-based fleet
MC	SPC member-country based fleet
OD	Domestically -based offshore fleet
OS	Offshore fleet fishing based in the Pacific island countries