

SOUTH PACIFIC COMMISSION

TWENTIETH REGIONAL TECHNICAL MEETING ON FISHERIES
(Noumea, New Caledonia, 1 - 5 August 1988)

DATA CATALOGUE
TUNA AND BILLFISH ASSESSMENT PROGRAMME
June 1988
(Paper Prepared by the Secretariat)

Background

The Tuna and Billfish Assessment Programme was established in September 1981 after completion of the Skipjack Survey and Assessment Programme of the South Pacific Commission. The establishment of the Programme arose from the Twelfth Regional Technical Meeting on Fisheries (17-21 November 1980) which recommended the creation of a "...regional fisheries statistics programme to obtain and analyse catch and effort and other scientific data as the base for the approved research programme on highly migratory species".* Since the inception of the TBAP, the establishment and maintenance of the regional catch and effort database has been the highest priority of the Programme. Practical work on the statistical system began in January 1982 with the recruitment of the first fisheries statistician to the staff of the SPC. Since that time, uses of the data have been extended beyond the research purposes originally envisaged and include estimations of total catch suitable for calculation of access fees and partition of licensing revenues, a function performed by the Forum Fisheries Agency.

Overview

This catalogue describes the major data holdings of the Tuna and Billfish Assessment Programme as at June 1988. The data of primary concern originate from daily logsheets of catch of Distant Water Fishing Nations (DWFN) supplied to SPC by member countries of the region. Other data held by the TBAP include (i) summarised statistics of catch and effort supplied by the DWFN countries of Japan, Korea, Taiwan and the American Tunaboat Association, (ii) information from the tagging project undertaken by the Skipjack Survey and Assessment Programme, (iii) various data on length frequency sampling, and (iv) unloading statistics and cannery receipt data from American Samoa and the Northern Marianas. The data described are stored in hard copy form (logsheets, statistical bulletins on catch and effort and miscellaneous reports and papers) and electronic media (computer magnetic tape).

* Report of Meeting. *Twelfth Regional Technical Meeting on Fisheries, 17-21 November 1980, Noumea, New Caledonia*. South Pacific Commission, Noumea, New Caledonia.

The catalogue is made up of tables on (i) catch and effort data, (ii) tagging data, and (iii) length frequency data, each describing the year, source of the data, the time and area stratification and some quantitative indicator of the amount of data in this category (electronic media only). Other information unique to each table (such as gear type used), is detailed to give a better picture of the data holdings. Key code reference tables are provided in the Appendices to explain the coding used throughout the catalogue. Unloading statistics and cannery receipt data are to be incorporated in future versions of the data catalogue.

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS

Key to columns

Year	=	Year of fishing effort
Flag	=	Nationality of Distant Water Fishing Nation (DWFN) (refer to APPENDIX A)
Gear	=	Gear type of the fishing vessels (refer to APPENDIX C)
Source	=	Source providing the data (refer to APPENDIX A)
Units of Area	=	Area stratification (refer to APPENDIX D)
Units of Time	=	Time stratification (refer to APPENDIX E)
Units of Catch/Effort	=	Units of catch and effort (refer to APPENDIX H)
SPECIES COVERAGE	=	Fish species types covered for this group (refer to APPENDIX B)
Media	=	Type of media the data is stored on (refer to APPENDIX F)
Number of Records	=	Number of records (in units of time stratification) for this group of data

Comments

Twelve species are listed in this table. These species are commonly recorded on logsheets received by SPC and in the Statistical Bulletins. The "Oth" species category includes data for (1) less common species, and (2) unknown species.

Note: Data not presented in this table include data supplied by Australia stored in electronic and hard copy form. These will be incorporated in future versions.

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records
				Area, Time	Catch/ Effort			
62	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	2,393
63	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,976
64	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	4,190
	PV	P	PU	X,D	F	Skj Yft Oth	B	412
65	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,866
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,403
66	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	4,101
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,366
67	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	4,198
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,400
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	133
68	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,974
		P	JB	1,M	E	Skj Bet Yft Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,532
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	382
69	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,753
		P	JB	1,M	E	Skj Bet Yft Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,196
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	179
70	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	4,026
		P	JB	1,M	E	Skj Bet Yft Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,617
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	337
71	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,389
		P	JB	1,M	E	Skj Bet Yft Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,640
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	545
72	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,156
		P	JB	1,M	E	Skj Bet Yft Oth	B	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,060
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	562
73	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	2,999
		P	JB	1,M	E	Skj Bet Yft Oth	B	9,511
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,162
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	487

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records
				Area, Time	Catch/Effort			
74	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,106
		P	JB	1,M	E	Skj Bet Yft Oth	B	10,719
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,757
		TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B
75	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	2,783
		P	JB	1,M	E	Skj Bet Yft Oth	B	11,804
	KR	L	KB	5,M	A	Alb Bet Yft Bft Mls Bum Swo Sai Shk Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	2,034
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	372
76	FJ	P	FJ	X,D	F	Skj Yft Oth	B	468
	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,341
		P	JB	1,M	E	Skj Bet Yft Oth	B	10,500
	KR	L	KB	5,M	A	Alb Bet Yft Bft Mls Bum Swo Sai Shk Oth	S	
	PV	P	PU	X,D	F	Skj Bet Yft Oth	B	1,644
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	287
77	FJ	P	FJ	X,D	F	Skj Bet Yft Oth	B	835
	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	2,961
		P	JB	1,M	E	Skj Bet Yft Oth	B	13,844
	KR	L	KB	5,M	A	Alb Bet Yft Bft Mls Bum Swo Sai Shk Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,123
	TW	L	TB	5,Y	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	465
78	FJ	P	FJ	X,D	F	Skj Bet Yft Oth	B	987
	JP	L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	2,994
		L	KI	X,D	C	Bet Yft Oth	B	196
	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	206	
	P	JB	1,M	E	Skj Bet Yft Oth	B	11,291	
	P	KI	X,D	F	Skj Yft	B	41	
	P	SB	X,D	F	Skj Yft Oth	B	9	
	KR	L	KB	5,M	A	Alb Bet Yft Bft Mls Bum Swo Sai Shk Oth	H	
	PV	P	PU	X,D	F	Skj Yft Oth	B	2,241
	TW	L	TB	5,Q	A	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	299
	79	JP	L	FM	X,D	C	Bet Yft Bum Shk Oth	B
L			JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	3,350
L			KB	5,M	A	Alb Bet Yft Bft Mls Bum Swo Sai Shk Oth	B	878
L			KI	X,D	C	Bet Yft Oth	B	56
L			KI	X,D	C	Bet Yft Oth	B	1,435
L			MI	X,D	C	Bet Yft Bum Shk Oth	B	19
L			PG	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	1,110
L			PU	X,D	C	Alb Bet Yft Bum Swo Sai Shk Oth	B	2,489
L			SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	2,418
P			FM	X,D	F	Skj Oth	B	5,880
P			JB	1,M	E	Skj Bet Yft Oth	B	7,564

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records	
				Area, Time	Catch/Effort				
79	JP	P	KI	X,D	F	Skj Yft Oth	B	569	
		P	MI	X,D	F	Skj	B	27	
		P	PG	X,D	F	Skj Yft Oth	B	54	
		P	SB	X,D	F	Skj Yft Oth	B	108	
		S	FM	X,D	G	Skj Bet Yft Oth	B	284	
		S	PG	X,D	G	Skj Bet Yft	B	127	
		PV	P	PU	X,D	F	Skj Yft Oth	B	1,752
		TW	L	TB	5,Q	A	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	294
	80	FJ	P	FJ	X,D	F	Skj Yft	B	505
JP		L	FM	X,D	C	Bet Yft Bum Shk Oth	B	11,898	
		L	JB	5,M	A	Alb Bet Yft Bft Mls Bum Blm Swo Oth	B	4,229	
		L	KI	X,D	C	Bet Yft Oth	B	4,600	
		L	MI	X,D	C	Bet Yft Bum Shk Oth	B	3,066	
		L	PG	X,D	C	Skj Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	10,859	
		L	PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	704	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	2,294	
		P	FM	X,D	F	Skj Oth	B	5,562	
		P	JB	1,M	E	Skj Bet Yft Oth	H		
		P	KI	X,D	F	Skj Yft Oth	B	2,251	
		P	MI	X,D	F	Skj Oth	B	1,459	
		P	PG	X,D	F	Skj Bet Yft	B	19	
		P	SB	X,D	F	Skj Yft Oth	B	137	
		S	FM	X,D	G	Skj Bet Yft	B	224	
S		PG	X,D	G	Skj Bet Yft	B	873		
KR		L	KI	X,D	C	Bet Yft Oth	B	230	
		S	FM	X,D	G	Skj	B	5	
PV		P	PU	X,D	F	Skj Yft Oth	B	1,238	
TW		L	PU	X,D	C	Bet Yft Bum Shk Oth	B	3,069	
		L	SB	X,D	C	Alb Bet Yft Blm	B	77	
	L	TB	5,Q	A	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	371		
81	FJ	P	FJ	X,D	F	Skj Yft	B	1,301	
	JP	L	FM	X,D	C	Bet Yft Bum Shk Oth	B	15,039	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	1,669	
		L	MI	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	5,490	
		L	PG	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	14,673	
		L	PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	1,513	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	4,592	
		P	FM	X,D	F	Skj Oth	B	3,683	
		P	KI	X,D	F	Skj Yft Oth	B	1,775	
		P	MI	X,D	F	Skj Bet Yft Oth	B	2,250	
		P	SB	X,D	F	Skj Yft Oth	B	138	
	S	FM	X,D	G	Skj Bet Yft Oth	B	662		
	S	PG	X,D	G	Skj Bet Yft Oth	B	1,388		
	KR	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Oth	B	228	
		L	TV	X,D	C	Alb Bet Yft Oth	B	13	

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records	
				Area, Time	Catch/ Effort				
81	KR	S	FM	X,D	G	Skj	B	33	
	NC	P	NC	X,D	F	Skj Yft	B	127	
	PV	P	PU	X,D	F	Skj Yft Oth	B	1,781	
	SN	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	121	
	ST	P	SB	X,D	F	Skj Yft Oth	B	1,189	
	TW	L	FJ	X,D	C	Skj Alb Bet Yft Mls Bum Swo Sai Shk Oth	B	326	
		L	TB	5,Q	A	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	369	
82	FJ	P	FJ	X,D	F	Skj Yft Oth	B	2,494	
	JP	L	FM	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	10,942	
		L	KI	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	6,149	
		L	MI	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	5,825	
		L	PG	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	12,802	
		L	PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	1,115	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	3,547	
		P	FM	X,D	F	Skj Bet Yft Oth	B	741	
		P	KI	X,D	F	Skj Yft Oth	B	933	
		P	MI	X,D	F	Skj Bet Yft Oth	B	2,803	
		P	PG	X,D	F	Skj Yft	B	27	
		P	SB	X,D	F	Skj Yft Oth	B	86	
		S	FM	X,D	G	Skj Bet Yft	B	1,165	
		S	PG	X,D	G	Skj Bet Yft Oth	B	3,940	
		KR	L	FJ	X,D	C	Skj Alb Bet Yft Mls Bum Swo Sai Oth	B	35
			L	TV	X,D	C	Alb Bet Yft Mls Bum Blm Swo Shk Oth	B	651
	S		PG	X,D	G	Skj Yft	B	194	
	NC	P	NC	X,D	F	Skj Yft Oth	B	674	
	PH	S	MI	X,D	G	Skj Yft Oth	B	147	
	PV	P	PU	X,D	F	Skj Yft Oth	B	948	
	SN	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	393	
	ST	P	SB	X,D	F	Skj Yft Oth	B	1,357	
	TO	L	TO	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	155	
	TW	L	FJ	X,D	C	Skj Alb Bet Yft Mls Bum Swo Sai Shk Oth	B	1,672	
		L	TB	5,Q	A	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	249	
	83	FJ	P	FJ	X,D	F	Skj Yft	B	1,450
		HN	S	PG	X,D	G	Skj Yft	B	25
JP		L	FM	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	8,093	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	3,127	
		L	MI	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	5,457	
		L	NC	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	106	
		L	PG	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	9,159	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	1,374	
		P	FM	X,D	F	Skj Bet Yft Oth	B	1,016	
		P	KI	X,D	F	Skj Bet Yft Oth	B	390	
		P	MI	X,D	F	Skj Bet Yft Oth	B	4,212	
		P	NC	X,D	F	Skj Yft Oth	B	13	
		P	PG	X,D	F	Skj Bet Yft	B	202	

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records	
				Area, Time	Catch/ Effort				
83	JP	S	FM	X,D	G	Skj Bet Yft Oth	B	839	
		S	PG	X,D	G	Skj Bet Yft Oth	B	4,606	
	KR	L	TV	X,D	C	Alb Bet Yft Mls Bum Blm Swo Shk Oth	B	707	
		S	FM	X,D	G	Skj Yft	B	7	
		S	PG	X,D	G	Skj Yft	B	359	
	KY	S	PG	X,D	G	Skj Yft	B	16	
	NC	L	NC	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	41	
		P	NC	X,D	F	Skj Yft Oth	B	279	
	NZ	S	FJ	X,D	G	Skj Yft Swo Oth	B	97	
	PA	S	PG	X,D	G	Skj Yft	B	14	
	SN	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	406	
	ST	P	SB	X,D	F	Skj Yft Oth	B	1,511	
	TO	L	TO	X,D	C	Alb Bet Yft Bum Blm Swo Sai Shk Oth	B	147	
	TW	L	FJ	X,D	C	Skj Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	199	
		L	VU	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	774	
		S	PG	X,D	G	Skj Bet Yft	B	229	
	84	FJ	P	FJ	X,D	F	Skj Yft	B	1,189
HN		S	PG	X,D	G	Skj Yft	B	22	
JP		L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	18,272	
		L	KI	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	6,369	
		L	MI	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	3,701	
		L	NC	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	215	
		L	PF	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	324	
		L	PG	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	6,614	
		L	PU	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Oth	B	2,646	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	1,034	
		P	FM	X,D	F	Skj Bet Yft Bft Oth	B	3,134	
		P	KI	X,D	F	Skj Yft Oth	B	588	
		P	MI	X,D	F	Skj Bet Yft	B	1,355	
		P	NC	X,D	F	Skj Bet Yft	B	20	
		P	PF	X,D	F		B	3	
		P	PG	X,D	F	Skj Yft	B	37	
		P	PU	X,D	F	Skj Bet	B	43	
		P	SB	X,D	F	Skj Yft Oth	B	39	
KR		S	FM	X,D	G	Skj Bet Yft	B	2,714	
		S	PG	X,D	G	Skj Bet Yft Oth	B	3,823	
		S	PU	X,D	G	Skj Bet Yft	B	611	
		L	KI	X,D	C	Skj Alb Bet Yft Mls Bum Swo Shk Oth	B	256	
		L	PF	X,D	C	Alb Bet Yft Mls Bum Swo Shk Oth	B	18	
		L	TV	X,D	C	Skj Alb Bet Yft Bft Mls Bum Swo Shk Oth	B	258	
		S	FM	X,D	G	Skj Yft	B	115	
		S	PG	X,D	G	Skj Yft	B	539	
		KY	S	PG	X,D	G	Skj Yft	B	33
		MX	S	FM	X,D	G	Skj Yft	B	107
S			PG	X,D	G	Skj Yft	B	143	
NC		L	NC	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	156	

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records
				Area, Time	Catch/ Effort			
84	NZ	S	FJ	X,D	G	Skj Yft Oth	B	70
	PA	S	PG	X,D	G	Skj Bet Yft	B	213
	PH	S	PG	X,D	G	Skj Yft	B	322
	SN	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	471
	ST	P	SB	X,D	F	Skj Yft Oth	B	1,822
	TO	L	TO	X,D	C	Alb Bet Yft Shk Oth	B	105
	TW	L	FJ	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	778
			VU	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	4,910
		S	FM	X,D	G	Skj Yft	B	188
		S	PG	X,D	G	Skj Yft	B	448
	US	S	AE	-,D	G	Skj Bet Yft Oth	T	4,929
		S	AM	X,D	G	Skj Bet Yft Oth	T	5,033
		S	AP	X,D	G	Skj Bet Yft	T	526
		S	AW	-,D	G	Skj Bet Yft	T	464
S		PG	X,D	G	Skj Bet Yft	B	721	
85	FJ	P	FJ	X,D	F	Skj Yft	B	982
	HN	L	TV	X,D	C	Alb Bet Yft Oth	B	51
	JP	L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	16,821
			KI	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	4,578
			MI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	3,917
			NC	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	250
			PF	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	719
			PG	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	7,146
			PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	1,538
			SB	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	2,806
			FM	X,D	F	Skj Bet Yft Oth	B	1,601
			KI	X,D	F	Skj Bet Yft Oth	B	715
			MI	X,D	F	Skj Bet Yft Oth	B	1,199
			NC	X,D	F	Skj Bet	B	10
			PG	X,D	F	Skj Bet Yft	B	135
			PU	X,D	F		B	2
			SB	X,D	F	Skj Bet Yft Oth	B	460
			FM	X,D	G	Skj Bet Yft Oth	B	1,951
			PG	X,D	G	Skj Bet Yft Oth	B	3,936
			PU	X,D	G	Skj Bet Yft	B	529
			KR	L	CK	X,D	C	Skj Alb Bet Yft Mls Bum Swo Shk Oth
	L	KI		X,D	C	Skj Alb Bet Yft Bft Mls Bum Swo Shk Oth	B	2,430
	L	PF		X,D	C	Alb Bet Yft Mls Bum Blm Swo Shk Oth	B	232
	L	TV		X,D	C	Alb Bet Yft Mls Bum Swo Shk Oth	B	107
	S	FM		X,D	G	Skj Yft	B	233
	S	PG		X,D	G	Skj Yft	B	478
	KY	S		PG	X,D	G	Skj Yft	B
NC	L	NC	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	330	
NZ	S	FJ	X,D	G	Skj Yft Oth	B	114	
PA	S	PG	X,D	G	Skj Yft	B	87	
PH	S	PG	X,D	G	Skj Yft Oth	B	456	

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records	
				Area, Time	Catch/ Effort				
85	SN	L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	250	
	ST	P	SB	X,D	F	Skj Yft Oth	B	734	
	TO	L	TO	X,D	C	Alb Bet Yft Mls Blm Swo Sai Shk Oth	B	86	
	TW	L	FJ	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	430	
		L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	736	
		L	VU	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	2,992	
		S	FM	X,D	G	Skj Yft	B	550	
		S	PG	X,D	G	Skj Yft	B	1,070	
	US	S	AE	-,D	G	Skj Bet Yft Oth	T	3,197	
		S	AM	X,D	G	Skj Bet Yft	T	3,685	
		S	AP	X,D	G	Skj Bet Yft	T	91	
		S	AW	-,D	G		T	11	
		S	PG	X,D	G	Skj Yft Oth	B	844	
	86	FJ	P	FJ	X,D	F	Skj Yft	B	1,016
		ID	S	FM	X,D	G	Skj Yft	B	42
S			PG	X,D	G	Skj Yft	B	99	
JP		L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	8,276	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	1,035	
		L	MI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	2,850	
		L	PF	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	127	
		L	PG	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	5,508	
		L	PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Oth	B	351	
		L	SB	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	2,458	
		P	FM	X,D	F	Skj Bet Yft Oth	B	4,169	
		P	KI	X,D	F	Skj Bet Yft Oth	B	1,228	
		P	MI	X,D	F	Skj Bet Yft Oth	B	611	
		P	PG	X,D	F	Skj Bet Yft	B	22	
		P	PU	X,D	F	Skj	B	8	
		P	SB	X,D	F	Skj Yft	B	14	
		P	TV	X,D	F	Skj	B	26	
		S	FM	X,D	G	Skj Bet Yft	B	3,506	
		S	PG	X,D	G	Skj Bet Yft	B	2,750	
		S	PU	X,D	G	Skj Bet Yft	B	98	
		KI	P	KI	X,D	F	Skj Yft	B	301
KR		L	CK	X,D	C	Skj Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	505	
		L	KI	X,D	C	Skj Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth	B	836	
		L	PF	X,D	C	Alb Bet Yft Mls Bum Swo Shk Oth	B	50	
		S	FM	X,D	G	Skj Yft	B	299	
		S	PG	X,D	G	Skj Yft	B	202	
KY		S	FM	X,D	G	Skj Yft	B	38	
		S	PG	X,D	G	Skj Yft	B	168	
PA		L	CK	X,D	C	Alb Bet Yft	B	18	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Swo Shk Oth	B	65	
PH		S	FM	X,D	G	Skj Yft	B	239	
TO		L	TO	X,D	C	Alb Bet Yft Mls Blm Swo Sai Shk Oth	B	56	
TW	L	FM	X,D	C	Bet Yft Bum Blm Swo Sai Shk	B	20		

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	Area, Time	Catch/ Effort	UNITS		SPECIES COVERAGE	Media	Number of Records
						Area, Time	Catch/ Effort			
86	TW	L	VU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Oth		B	165	
		S	FM	X,D	G	Skj Yft		B	722	
	US	S	PG	X,D	G	Skj Yft		B	829	
		S	PG	X,D	G	Skj Yft Oth		B	584	
	VU	S	FM	X,D	G	Skj Yft		B	135	
		S	PG	X,D	G	Skj Yft		B	22	
87	FJ	P	FJ	X,D	F	Skj Yft		B	1,028	
	ID	S	FM	X,D	G	Skj Yft		B	58	
		S	PG	X,D	G	Skj Yft		B	120	
	JP	L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth		B	11,372	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth		B	938	
	KR	L	MI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth		B	3,835	
		L	PG	X,D	C	Alb Bet Yft Blm Swo Sai		B	375	
		L	PU	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai		B	104	
		L	SB	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth		B	692	
		P	FJ	X,D	F	Skj Yft		B	32	
		P	FM	X,D	F	Skj Bet Yft Oth		B	1,002	
		P	KI	X,D	F	Skj Bet Yft		B	947	
		P	MI	X,D	F	Skj Bet Yft Oth		B	1,201	
		P	PG	X,D	F	Skj Yft		B	3	
		P	SB	X,D	F	Skj Yft		B	17	
		S	FM	X,D	G	Skj Bet Yft Bum		B	4,773	
	KY	S	PG	X,D	G	Skj Bet Yft		B	1,313	
		S	PU	X,D	G	Skj Yft		B	158	
		L	CK	X,D	C	Alb Bet Yft Mls Bum Swo Shk Oth		B	171	
		L	FM	X,D	C	Yft Bum Sai Shk		B	17	
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth		B	1,305	
		S	FM	X,D	G	Skj Yft		B	1,182	
		S	KI	X,D	G	Skj Yft		B	32	
S		PG	X,D	G	Skj Yft Oth		B	642		
S		KI	X,D	G	Skj Yft Oth		B	39		
S		PG	X,D	G	Skj Yft		B	3		
L		CK	X,D	C	Alb Bet Yft Bum Swo Oth		B	50		
PH	L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Shk Oth		B	242		
	S	PG	X,D	G	Skj Yft Oth		B	997		
TW	L	FM	X,D	C	Alb Bet Yft Bft Mls Bum Blm Swo Sai Shk Oth		B	949		
	L	VU	X,D	C	Alb Bet Yft		B	43		
US	S	FM	X,D	G	Skj Yft		B	1,354		
	S	PG	X,D	G	Skj Yft		B	1,673		
	S	FM	X,D	G	Skj Yft		B	104		
	S	KI	X,D	G	Skj Yft Oth		B	361		
	S	PG	X,D	G	Skj Yft		B	104		
	S	FM	X,D	G	Skj Yft		B	108		
VU	S	PG	X,D	G	Skj Yft		B	93		

TABLE 1 : CATCH AND EFFORT DATA HOLDINGS (cont.)

Year	Flag	Gear	Source	UNITS		SPECIES COVERAGE	Media	Number of Records
				Area, Time	Catch/ Effort			
88	FJ	P	FJ	X,D	F	Skj Yft	B	248
	ID	S	FM	X,D	G	Skj Yft	B	14
		S	PG	X,D	G	Skj Yft	B	58
	JP	L	FM	X,D	C	Alb Bet Yft Mls Bum Blm Swo Oth	B	1,088
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	18
		L	MI	X,D	C	Bet Yft Bum Swo Oth	B	201
		L	PU	X,D	C	Alb Bet Yft Swo Oth	B	62
		L	SB	X,D	C	Bet Yft Mls Bum Blm Swo Oth	B	365
		P	FJ	X,D	F	Skj Yft	B	158
		P	FM	X,D	F	Skj Yft	B	610
		P	KI	X,D	F	Skj Bet Yft	B	77
		P	MI	X,D	F	Skj Bet Yft	B	132
		P	SB	X,D	F	Skj Bet Yft	B	11
		P	TV	X,D	F	Skj	B	4
		S	FM	X,D	G	Skj Yft	B	1,283
		S	PU	X,D	G	Skj Yft	B	1
	KR	L	FM	X,D	C	Yft Mls Bum Sai Shk Oth	B	16
		L	KI	X,D	C	Alb Bet Yft Mls Bum Blm Swo Sai Shk Oth	B	88
		S	FM	X,D	G	Skj Yft	B	53
		S	PG	X,D	G	Skj Yft	B	71
	PH	S	PG	X,D	G	Skj Yft	B	38
	TW	L	VU	X,D	C	Alb Bet Yft	B	35
		S	FM	X,D	G	Skj Yft	B	132
		S	PG	X,D	G	Skj Yft Oth	B	596
	US	S	KI	X,D	G	Skj Yft	B	62
		S	PG	X,D	G	Skj Yft	B	15
	VU	S	PG	X,D	G	Skj	B	4

TABLE 2 : SKIPJACK PROGRAMME TAG DATA HOLDINGS

Key to columns

Year	=	Year of release.
Geog. Area	=	Geographic area where tagging took place (refer to APPENDIX A).
SKJ Tag'd	=	The number of skipjack released.
SKJ Cpt'd	=	The number of skipjack recaptured.
YFT Tag'd	=	The number of yellowfin released.
YFT Cpt'd	=	The number of yellowfin recaptured.
OTH Tag'd	=	The number of other species released.
OTH Cpt'd	=	The number of other species recaptured.
Total Tag'd	=	The number of all species released.
Total Cpt'd	=	The number of all species recaptured.

Comments

This table represents data holdings for the release and recapture of tuna and associated species as a result of the Skipjack Survey and Assessment Programme conducted from 1977 to 1981. The data are presented by geographic area and year of release. Species presented include Skipjack, Yellowfin and Other. Other species include: mackerel tuna (*Euthynnus affinis*), rainbow runner (*Elagatis bipinnulatus*), bigeye tuna (*Thunnus obesus*), albacore (*Thunnus alalunga*), frigate tuna (*Auxis thazard*). This data coverage includes recaptures by the tagging vessel.

The Skipjack Programme also generated data on the baitfish fishery, and on biological data for tuna including stomach contents and gonad indices. These data will be incorporated in future versions of this catalogue.

TABLE 2 : SKIPJACK PROGRAMME TAG DATA HOLDINGS

Year	Geog. Area	SKJ Tag'd	SKJ Cpt'd	YFT Tag'd	YFT Cpt'd	OTH Tag'd	OTH Cpt'd	Total Tag'd	Total Cpt'd
77	NC	6,665	13	45				6,710	13
	PG	936	5	20				956	5
	SB	2,569	83	121	1	3		2,693	84
	VU	54	1					54	1
78	AS	75						75	
	FJ	8,265	820	847	79	471	41	9,583	940
	JP	112	14					112	14
	KI	4,553	452	45				4,598	452
	KS	137	3	1				138	3
	MI	296	5	8				304	5
	MR	8						8	
	NC	3,670	25	14				3,684	25
	NK	1,250	1					1,250	1
	PP	928	53	60	1	50		1,038	54
	PU	747	54					747	54
	SI	834	23					834	23
	TI	2,344	15	62	1			2,406	16
	TK	64	1			1		65	1
	TO	1,423	13	260	1	3		1,686	14
	TR	738	38					738	38
	TV	2,711	23	136				2,847	23
	VU	1,155	6	195	2	163		1,513	8
	WF	14,059	112	214	2			14,273	114
WS	1,797	14	78				1,875	14	
YP	827	25	10	1			837	26	
79	KI	214	2	10				224	2
	KS	177	2	601		1		779	2
	MI	41		89	1			130	1
	MQ	10,087	27	165		1		10,253	27
	MR	187	9					187	9
	NW	4,391	29	8		16		4,415	29
	NZ	11,853	614			3		11,856	614
	PG	7,864	1,043	795	32	59	6	8,718	1,081
	PP	954	3	152	1	2		1,108	4
	PX	373	1	17				390	1
	QL	2,724	36	58				2,782	36
	SI	917	13	4				921	13
	SK	9						9	
	TI	2,468	11	32				2,500	11
	TR	343	14					343	14
80	AS	761	4					761	4
	FJ	17,735	1,498	1,658	57	3		19,396	1,555
	GA	177		308		34		519	
	IT					1		1	
	MQ	10,706	22	25		1		10,732	22

TABLE 2 : SKIPJACK PROGRAMME TAG DATA HOLDINGS (cont.)

Year	Geog. Area	SKJ Tag'd	SKJ Cpt'd	YFT Tag'd	YFT Cpt'd	OTH Tag'd	OTH Cpt'd	Total Tag'd	Total Cpt'd
80	NC	26		27				53	
	NF	1,131	3	256	1			1,387	4
	NU	93		31				124	
	NZ	1,149	12					1,149	12
	PN	62		298	2			360	2
	PP	3,757	163	53	1			3,810	164
	PU	6,600	399	1,298	66	18		7,916	465
	SB	3,818	506	760	16	4		4,582	522
	SI	1		34	3			35	3
	SK	50						50	
	TI	825	2	668	4			1,493	6
	TO	580	1	4				584	1
	TV	328	3					328	3
	WF	2,635	26	535	1	2		3,172	27
	WS	162	5			1		163	5
81	PG					1		1	
82	NZ	2,020	97	3		4		2,027	97
		151,435	6,344	10,005	273	842	47	162,282	6,664

TABLE 3 : LENGTH FREQUENCY DATA HOLDINGS*Key to columns*

Country of Sample	=	Country where length frequency sampling took place (refer to APPENDIX A)
Source	=	Country or source providing the data (refer to APPENDIX A)
Area	=	Area stratification (refer to APPENDIX D)
Time	=	Time stratification (refer to APPENDIX E)
SKJ Sampled	=	Number of skipjack sampled
YFT Sampled	=	Number of yellowfin sampled
OTH Sampled	=	Number of other species sampled
Total Sampled	=	Number of all species sampled

Comments

This table incorporates logsheets of length frequency sampling sent to SPC by member countries, information from the Skipjack Survey and Assessment Programme, various observer trips and published material. The species types detailed are *Skipjack*, *Yellowfin* and *Other*.

The data submitted to SPC have been received in various formats, including lengths of individual fish or the numbers of fish in each of a series of size intervals. All data represented in this table have been converted to the numbers of fish in **one centimetre** size intervals.

TABLE 3 : LENGTH FREQUENCY DATA HOLDINGS

Year	Country of Sample	Source	Time	Area	SKJ Sampled	YFT Sampled	OTH Sampled	Total Sampled
71	??	SR	M	V	4,326			4,326
72	??	SR	M	V	18,973			18,973
74	??	SR	M	V	11,134			11,134
75	??	SR	M	V	15,545			15,545
76	??	SR	M	V	34,881			34,881
77	NC	SP	D	X	6,665	45		6,710
	PG	SP	D	X	936	20		956
	SB	SP	D	X	2,569	121	3	2,693
	VU	SP	D	X	54			54
	??	SR	M	V	77,340			77,340
78	AS	SP	D	X	75			75
	FJ	SP	D	X	8,265	847	471	9,583
	JP	SP	D	X	112			112
	KI	SP	D	X	4,553	45		4,598
	KS	SP	D	X	137	1		138
	MI	SP	D	X	296	8		304
	MR	SP	D	X	8			8
	NC	SP	D	X	3,670	14		3,684
	NK	SP	D	X	1,250			1,250
	PP	SP	D	X	928	60	50	1,038
	PU	SP	D	X	747			747
	SI	SP	D	X	834			834
	TI	SP	D	X	2,344	62		2,406
	TK	SP	D	X	64		1	65
	TO	SP	D	X	1,423	260	3	1,686
	TR	SP	D	X	738			738
	TV	SP	D	X	2,711	136		2,847
	VU	SP	D	X	1,155	195	163	1,513
	WF	SP	D	X	14,059	214		14,273
	WS	SP	D	X	1,797	78		1,875
	YP	SP	D	X	827	10		837
	??	JB	M	V	11,358			11,358
	??	NZ	D	V	201			201
??	SR	M	V	49,604			49,604	
79	KI	SP	D	X	214	10		224
	KS	SP	D	X	177	601	1	779
	MI	SP	D	X	41	89		130
	MQ	SP	D	X	10,087	165	1	10,253
	MR	SP	D	X	187			187
	NW	SP	D	X	4,391	8	16	4,415

TABLE 3 : LENGTH FREQUENCY DATA HOLDINGS (cont.)

Year	Country of Sample	Source	Time	Area	SKJ Sampled	YFT Sampled	OTH Sampled	Total Sampled
79	NZ	SP	D	X	11,853		3	11,856
	PG	SP	D	X	7,864	795	59	8,718
	PP	SP	D	X	954	152	2	1,108
	PX	SP	D	X	373	17		390
	QL	SP	D	X	2,724	58		2,782
	SI	SP	D	X	917	4		921
	SK	SP	D	X	9			9
	TI	SP	D	X	2,468	32		2,500
	TR	SP	D	X	343			343
	??	JB	M	V	19,775			19,775
	??	NZ	D	V	25,066			25,066
	??	SR	M	V	20,006			20,006
80	AS	SP	D	X	761			761
	FJ	SP	D	X	17,735	1,658	3	19,396
	GA	SP	D	X	177	308	34	519
	MQ	SP	D	X	10,706	25	1	10,732
	NC	SP	D	X	26	27		53
	NF	SP	D	X	1,131	256		1,387
	NU	SP	D	X	93	31		124
	NZ	SP	D	X	1,149			1,149
	PN	SP	D	X	62	298		360
	PP	SP	D	X	3,757	53		3,810
	PU	SP	D	X	6,600	1,298	18	7,916
	SB	SP	D	X	3,818	760	4	4,582
	SI	SP	D	X	1	34		35
	SK	SP	D	X	50			50
	TI	SP	D	X	825	668		1,493
	TO	SP	D	X	580	4		584
	TV	SP	D	X	328			328
	WF	SP	D	X	2,635	535	2	3,172
	WS	SP	D	X	162		1	163
	??	JB	M	V	941			941
??	NZ	D	V	41,700			41,700	
??	SR	M	V	22,006			22,006	
81	SB	SB	D	1	4,819	2,870		7,689
	??	IA	D	V	300	200	100	600
	??	NZ	D	V	71,617			71,617
82	NZ	SP	D	X	2,020	3	4	2,027
	SB	SB	D	1	2,706	1,622		4,328
	??	IA	D	V	50	100		150
	??	IA	M	V	1,850	1,700	54	3,604
	??	OB	D	V	843	413	67	1,323

TABLE 3 : LENGTH FREQUENCY DATA HOLDINGS (cont.)

Year	Country of Sample	Source	Time	Area	SKJ Sampled	YFT Sampled	OTH Sampled	Total Sampled
83	SB	SB	D	1	4,522	1,868		6,390
	??	IA	D	V	50			50
	??	IA	M	V	50			
84	PG	PG	D	-				
	SB	SB	D	1	4,261	215		4,476
85	FM	FM	D	X				
	PG	PG	D	-	26,246	12,136		38,382
	SB	SB	D	1	10,877	2,851		13,728
86	SB	SB	D	1	13,481	3,352		16,833
87	SB	SB	D	1	4,517	2,592		7,109

APPENDIX A : SOURCE AND GEOGRAPHIC AREA CODES

Code Source/Geographic Area

??	Unknown/Not specified
AE	AMERICAN TUNABOAT ASSOCIATION (ATA) - EAST
AM	ATA - MICRONESIA
AP	ATA - POLYNESIA
AS	AMERICAN SAMOA
AU	AUSTRALIA
AW	ATA - WEST
CK	COOK ISLANDS
FJ	FIJI
FM	FEDERATED STATES OF MICRONESIA
GA	GAMBIER ISLANDS (France)
HB	HOWLAND AND BAKER (United States)
HN	HONDURAS
HW	HAWAII
IA	INTER-AMERICAN TROPICAL TUNA COMMISSION (IATTC)
ID	INDONESIA
IT	INTERNATIONAL
JB	JAPAN PUBLICATIONS (refer to APPENDIX G)
JP	JAPAN
KB	KOREA PUBLICATIONS (refer to APPENDIX G)
KI	KIRIBATI
KR	SOUTH KOREA
KS	KOSRAE (Federated States of Micronesia)
KY	CAYMAN ISLANDS
LN	LINE ISLANDS (Kiribati)
MI	MARSHALL ISLANDS (France)
MQ	MARQUESAS ISLANDS (France)
MR	MARIANAS ISLANDS
MT	MINAMI TORI SHIMA (Japan)
MX	MEXICO
NC	NEW CALEDONIA (France)
NF	NORFOLK (Australia)
NK	NORTHERN COOK ISLANDS
NR	NAURU
NU	NIUE
NW	NEW SOUTH WALES (Australia)
NZ	NEW ZEALAND
OB	SPC OBSERVER TRIPS
PA	PANAMA
PF	FRENCH POLYNESIA (France)
PG	PAPUA NEW GUINEA
PH	PHILIPPINES
PN	PITCAIRN (United Kingdom)
PP	PONAPE (Federated States of Micronesia)
PU	PALAU

APPENDIX A : SOURCE AND GEOGRAPHIC AREA CODES (cont.)

Code Source/Geographic Area

PV	VAN CAMP - Palau
PX	PHOENIX (Kiribati)
PY	PALMYRA (United States)
QL	QUEENSLAND (Australia)
SB	SOLOMON ISLANDS
SI	SOCIETY ISLANDS (France)
SK	SOUTHERN COOK ISLANDS
SN	SOLOMON ISLANDS - NATIONAL FISHERIES DEVELOPMENT LTD.
SP	SOUTH PACIFIC COMMISSION SKIPJACK PROGRAMME (refer to APPENDIX G)
SR	SOLOMON ISLANDS REPORTS (refer to APPENDIX G)
ST	SOLOMON ISLANDS - TAIYO
TB	TAIWAN PUBLICATIONS (refer to APPENDIX G)
TI	TUAMOTU ISLANDS (France)
TK	TOKELAU (New Zealand)
TO	TONGA
TR	TRUK (Federated States of Micronesia)
TV	TUVALU
TW	TAIWAN
US	UNITED STATES OF AMERICA
VU	VANUATU
WF	WALLIS AND FUTUNA (France)
WK	WAKE (United States)
WS	WESTERN SAMOA
YP	YAP (Federated States of Micronesia)

APPENDIX B : SPECIES CODES

Species

Code	Common Name	Scientific Name
ALB	ALBACORE	<i>Thunnus alalunga</i>
BET	BIGEYE	<i>Thunnus obesus</i>
BFT	BLUEFIN	<i>Thunnus thynnus</i>
BLM	BLACK MARLIN	<i>Makaira indicus</i>
BUM	BLUE MARLIN	<i>Makaira nigricans</i>
MLS	STRIPED MARLIN	<i>Tetrapturus audax</i>
OTH	'Other species'	
SAI	SAILFISH	<i>Istiophorus platypterus</i>
SHK	SHARK	<i>Elasmobranchi</i>
SKJ	SKIPJACK	<i>Katsuwonus pelamis</i>
SWO	BROADBILL SWORDFISH	<i>Xiphias gladius</i>
YFT	YELLOWFIN	<i>Thunnus albacares</i>

APPENDIX C : GEAR TYPES

Gear

Code Gear Description

L Longline
S Purse seine
P Pole-and-line

APPENDIX D : AREA STRATIFICATION

Area

Code Area Stratification Description

X Latitude/longitude coordinates to the nearest minute
1 One degree grid squares
5 Five degree grid squares
V Variation of multiple degree grid squares
- Not supplied

APPENDIX E : TIME STRATIFICATION

Time

Code Time Stratification Description

D Daily recordings
M Monthly recordings
Q Quarterly recordings
Y Yearly recordings

APPENDIX F : MEDIA TYPES

Media

Code Media Description

H Hard copy material only. This is in the form of logsheets, statistical bulletins, miscellaneous reports, etc.
T The data is stored on electronic media (i.e. magnetic tape) only.
B The data is stored in hard copy form and on magnetic tape.

APPENDIX G : SOURCE DETAILS

Source

Code Details

JB 63, 65 – 66, 71 – 72, 74 – 80 Longline

*ANNUAL REPORT OF EFFORT AND CATCH STATISTICS BY AREA ON
JAPANESE TUNA LONGLINE FISHERY*

Published by

Research Department
Fisheries Agency of Japan

68 – 80 Pole-and-line

*ANNUAL REPORT OF EFFORT AND CATCH STATISTICS BY AREA ON
JAPANESE SKIPJACK BAITBOAT FISHERY*

Published by

Research Department
Fisheries Agency of Japan

KB 75 – 79 Longline

*ANNUAL REPORT OF CATCH AND EFFORT STATISTICS AND
FISHING GROUNDS ON KOREAN TUNA LONGLINE FISHERY*

Published by

Fisheries Research and Development Agency
Busan, Korea
(Last publication for 1979, published in December 1981)

SP SOUTH PACIFIC COMMISSION SKIPJACK SURVEY AND ASSESSMENT
PROGRAMME CONDUCTED THROUGHOUT THE REGION
FROM 1977 TO 1981

SR 71 – 80 Pole-and-line

SOLOMON ISLAND SKIPJACK DATA FROM POLE-AND-LINE VESSELS
GIVEN BY MONTH FOR ENTIRE AREA
Fisheries Division, Ministry of Natural Resources,
Solomon Islands

APPENDIX G : SOURCE DETAILS (cont.)

Source

Code Details

TB 72 - 82 Longline

ANNUAL CATCH STATISTICS OF TAIWAN'S TUNA LONGLINE FISHERY

Published by

Tuna Research Center
c/o Institute of Oceanography
National Taiwan University
Taipei, Republic of China
(Last publication for 1982, published in December 1983)

APPENDIX H : CODES FOR UNITS OF CATCH AND EFFORT

<i>Code</i>	<i>Gear Type</i>	<i>Units of Catch</i>	<i>Units of Effort</i>	<i>Raised/ Unraised Data</i>
A	L	Number of fish	Number of hooks Number of days fished	Raised
C	L	Number of fish Catch in metric tonnes	Number of hooks Number of days fished	Unraised
E	P	Catch in metric tonnes	Number of days fished	Raised
F	P	Catch in metric tonnes	Number of days fished	Unraised
G	S	Catch in metric tonnes	Number of days fished Number of sets	Unraised