

Table 7. Observer data held by the SPC Oceanic Fisheries Programme

(* denotes data not available or not yet entered)

Year	Gear	Flag	Source	Number of Trips	Number of Sets	
1980	L	JP	AUOB	2	17	
1981	L	JP	AUOB	3	35	
1982	L	JP	AUOB	4	27	
1984	L	JP	AUOB	2	19	
1985	L	JP	AUOB	3	18	
1986	L	JP	AUOB	1	1	
1987	L	JP	AUOB	5	27	
		JP	NZOB	1	13	
1988	L	JP	AUOB	11	84	
		JP	NZOB	3	41	
		S	US	TTOB	5	0
1989	L	JP	AUOB	8	80	
		JP	NZOB	5	87	
		S	US	TTOB	12	0
1990	L	JP	AUOB	19	192	
		JP	NZOB	6	154	
		PF	PFOB	1	0	
		TW	SPOB	1	1	
		S	US	TTOB	7	0
1991	L	JP	AUOB	70	828	
		JP	NZOB	3	150	
		S	US	TTOB	37	0
1992	L	AU	AUOB	1	9	
		JP	AUOB	62	780	
		JP	NZOB	10	257	
		KR	FMOB	1	13	
		NC	SPOB	1	4	
		NZ	NZOB	2	16	
		S	US	TTOB	17	0
		1993	L	CN	FMOB	2
JP	AUOB	86		1,035		
JP	FMOB	2		36		
JP	NZOB	18		421		
PF	SPOB	1		3		
TW	FMOB	6		36		
P	JP	FMOB		1	0	
S	FM	FMOB		2	33	
	JP	FMOB		5	152	
	KR	FMOB		3	57	
	TW	FMOB		3	68	
	US	TTOB	20	0		
1994	L	CN	FMOB	4	29	
		FJ	SPOB	1	7	
		FM	FMOB	1	7	
		JP	AUOB	62	682	
		JP	FMOB	4	60	
		JP	NZOB	7	243	
		NZ	NZOB	3	13	
		TW	FMOB	12	95	
		US	HWOB	50	520	
		S	FM	FMOB	2	66
			JP	FMOB	5	99
			KR	FMOB	9	307
			TW	FMOB	7	299
			US	TTOB	29	723
1995	L		CK	SPOB	1	6
CN		FMOB	4	29		
CN		MHOB	2	9		
CN		SPOB	8	71		

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets
1996	S	FJ	SPOB	5	34
		FM	FMOB	1	2
		FM	SPOB	1	2
		GU	FMOB	2	23
		JP	AUOB	41	388
		JP	FMOB	4	64
		JP	NZOB	8	252
		JP	SPOB	1	11
		NZ	NZOB	4	105
		TO	SPOB	1	18
		TW	FMOB	4	39
		TW	SPOB	4	36
		US	HWOB	47	538
		VU	SBOB	1	2
		FM	FMOB	1	46
		JP	FMOB	5	115
		JP	SPOB	1	26
		KI	FMOB	1	29
		KR	FMOB	2	30
		KR	PGOB	1	91
	KR	SPOB	2	50	
	PG	FMOB	2	71	
	SB	SBOB	1	0	
	TW	FMOB	5	152	
	TW	SPOB	1	48	
	US	TTOB	33	751	
	VU	FMOB	1	19	
	L	CK	SPOB	1	6
		CN	FMOB	9	69
		CN	SPOB	4	23
		FJ	SPOB	1	12
		FM	FMOB	2	12
		GU	FMOB	2	13
		JP	AUOB	34	415
		JP	FMOB	3	55
		JP	SPOB	3	32
		NC	SPOB	8	62
		NZ	NZOB	4	119
		PG	SPOB	2	10
		SB	SBOB	3	5
		SB	SPOB	1	7
TO		SPOB	1	3	
TW		PGOB	1	0	
TW		SPOB	2	108	
US		HWOB	53	642	
S		FM	FAOB	1	0
		FM	FMOB	1	9
	JP	FMOB	3	92	
	JP	NROB	1	26	
	KR	FMOB	2	145	
	KR	PGOB	4	85	
	KR	SPOB	5	104	
	PG	PGOB	2	28	
	PH	PGOB	2	0	
	PH	SPOB	5	31	
	TW	PGOB	12	488	
TW	SPOB	4	125		
US	TTOB	32	1,156		
VU	SPOB	1	19		
1997	L	CN	FMOB	9	61
		CN	MHOB	1	6
		CN	SPOB	5	44
		FJ	SPOB	3	23
		FM	FMOB	5	41
		FM	SPOB	1	2
		GU	FMOB	1	8
		JP	AUOB	31	358
		JP	FMOB	5	61
		JP	NZOB	8	270
		JP	SPOB	4	43
		NZ	NZOB	7	154
		PF	SPOB	7	66
		PG	PGOB	1	0
SB	SPOB	2	21		

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets		
1998	P S	TW	FMOB	6	57		
		TW	SPOB	5	54		
		US	HWOB	40	531		
		SB	SPOB	2	0		
		FM	FAOB	1	25		
		JP	FMOB	2	48		
		JP	SPOB	2	27		
		KR	FMOB	4	80		
		KR	PGOB	5	109		
		KR	SPOB	1	44		
		PG	FMOB	2	82		
		PG	PGOB	1	0		
		PG	PGOB	3	0		
		PG	SPOB	3	37		
		PH	PGOB	4	0		
		PH	PGOB	12	153		
		TW	FMOB	6	134		
		TW	PGOB	1	0		
		TW	PGOB	11	255		
		TW	SPOB	2	34		
		US	TTOB	34	1,681		
		VU	PGOB	2	49		
		L	AS	SPOB	2	2	
			CN	FMOB	12	82	
	CN		SPOB	1	7		
	FM		FMOB	7	42		
	GU		FMOB	2	9		
	JP		AUOB	2	33		
	JP		FMOB	3	41		
	JP		NZOB	5	310		
	JP		SBOB	1	51		
	KR		SBOB	1	38		
	KR		SPOB	1	56		
	NC		SPOB	3	27		
	NZ		NZOB	11	144		
	PG		PGOB	1	0		
	SB		SBOB	1	14		
	SB		SPOB	2	32		
	TO		SPOB	2	73		
	TW		FMOB	4	35		
	TW		SBOB	7	127		
	TW		SPOB	6	102		
	US		HWOB	48	581		
	WS		SPOB	5	7		
	P		JP	FMOB	1	0	
			JP	SBOB	1	0	
			SB	SBOB	23	298	
			S	FM	FAOB	2	23
				FM	FMOB	2	30
				JP	FMOB	3	57
				KI	FAOB	2	38
				KR	FMOB	2	33
				KR	PGOB	2	20
				KR	SBOB	14	299
				KR	SPOB	2	27
				PG	SBOB	1	13
PG				SPOB	4	109	
PH				PGOB	1	0	
PH		PGOB		2	0		
SB		SBOB		1	14		
SB	SPOB	2		24			
TW	FMOB	5	120				
TW	SBOB	21	703				
TW	SPOB	1	40				
US	TTOB	4	0				
US	TTOB	40	1,059				
VU	SBOB	2	38				
1999	L	CN	FMOB	9	71		
		CN	PWOB	1	5		
		CN	SPOB	1	7		
		FJ	SPOB	5	54		
		FM	FMOB	2	20		
		JP	FMOB	2	37		
		JP	NZOB	6	365		

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets
		JP	SBOB	1	33
		KR	SBOB	1	25
		KR	SPOB	1	31
		NC	SPOB	4	23
		NZ	NZOB	4	73
		PG	PGOB	6	47
		SB	KIOB	1	14
		SB	SBOB	4	41
		TO	SPOB	3	18
		TW	FMOB	5	41
		TW	SBOB	6	98
		TW	SPOB	1	8
		US	HWOB	38	448
		WS	SPOB	1	2
	P	FJ	SPOB	2	17
		JP	FMOB	2	388
		SB	SBOB	44	353
		SB	SPOB	2	4
	S	FM	FMOB	2	28
		JP	FMOB	2	29
		KI	FAOB	1	32
		KR	FMOB	9	231
		KR	SBOB	2	51
		KR	SPOB	3	26
		PG	FAOB	1	0
		PG	FMOB	1	19
		PG	PGOB	5	19
		PG	SPOB	1	22
		PH	PGOB	2	18
		SB	FAOB	1	17
		SB	SBOB	14	91
		TW	FMOB	11	359
		TW	PGOB	4	136
		TW	SPOB	1	14
		US	FMOB	1	39
		US	SPOB	2	40
		US	TTOB	31	578
		VU	FMOB	1	20
2000	L	CN	FMOB	8	73
		FM	FMOB	5	54
		GU	FMOB	1	5
		JP	FMOB	1	16
		JP	NZOB	4	269
		JP	SBOB	2	47
		NZ	NZOB	10	58
		PF	PFOB	1	0
		PG	PGOB	1	0
		PG	SPOB	6	76
		PW	FMOB	1	12
		SB	SBOB	7	50
		SB	SPOB	1	11
		TO	SPOB	4	25
		TW	FMOB	9	72
		TW	SBOB	5	82
		US	HWOB	116	1,501
		US	SPOB	1	5
		WS	SPOB	1	6
	P	JP	FMOB	2	489
		SB	SBOB	27	306
	S	FM	FAOB	1	0
		FM	FMOB	3	82
		JP	FMOB	5	117
		KR	FMOB	9	258
		KR	SPOB	1	28
		MH	FAOB	1	0
		PG	FAOB	3	46
		PG	PGOB	1	0
		PG	SBOB	2	39
		PG	SPOB	1	13
		PH	PGOB	2	28
		SB	FAOB	1	25
		SB	SBOB	1	20
		SB	SPOB	1	15
		TW	FMOB	8	340
		TW	PGOB	3	56
		TW	SPOB	1	19
		US	TTOB	29	864
2001	L	AU	AUOB	25	61
		CN	FMOB	8	52

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets
		CN	MHOB	1	4
		CN	SBOB	2	66
		FM	FMOB	3	27
		JP	FMOB	3	66
		JP	NZOB	4	199
		JP	PGOB	2	12
		NC	NCOB	2	12
		NC	SPOB	1	8
		NZ	NZOB	21	299
		PG	PGOB	15	221
		SB	SBOB	6	65
		TW	FMOB	3	27
		TW	PGOB	4	47
		TW	SBOB	3	26
		US	HWOB	235	2,794
		WS	CKOB	2	14
	P	JP	FMOB	1	155
	S	FM	FAOB	1	0
		FM	FMOB	3	72
		JP	FMOB	6	134
		KR	FMOB	4	116
		KR	SPOB	1	35
		MH	FAOB	2	28
		PG	FAOB	3	60
		PG	PGOB	7	183
		PH	PGOB	13	115
		SB	SBOB	4	31
		TW	FMOB	6	212
		TW	PGOB	8	239
		US	FAOB	1	25
		US	FMOB	1	23
		US	PGOB	1	41
		US	TTOB	31	1,121
		VU	KIOB	1	0
2002	L	AS	CKOB	6	84
		AU	AUOB	237	428
		CK	CKOB	1	4
		CN	FMOB	3	6
		FJ	FJOB	5	49
		FM	FMOB	7	28
		FM	PGOB	1	5
		JP	FMOB	3	58
		JP	NZOB	4	234
		JP	PGOB	1	33
		KR	KIOB	3	214
		NC	NCOB	8	56
		NZ	NZOB	9	114
		PF	PFOB	13	72
		PG	PGOB	16	231
		SB	SBOB	39	443
		TW	FMOB	2	24
		TW	PGOB	2	59
		TW	SBOB	15	167
		TW	SPOB	1	2
		US	HWOB	279	3,459
	P	JP	FMOB	2	104
	S	SB	SBOB	120	1,076
		CN	PGOB	2	48
		FM	FAOB	4	134
		FM	FMOB	1	29
		JP	FMOB	4	83
		KI	FAOB	1	39
		KR	FMOB	2	14
		KR	KIOB	2	29
		KR	PGOB	2	17
		MH	FAOB	3	79
		PG	FAOB	5	110
		PG	FMOB	1	0
		PG	PGOB	40	884
		PH	PGOB	28	546
		SB	FAOB	8	144
		SB	SBOB	8	100
		TW	FMOB	4	124
		TW	KIOB	3	64
		TW	PGOB	3	53
		US	FAOB	1	10
		US	PGOB	1	0
		US	TTOB	2	0
		US	TTOB	36	1,249
2003	L	AS	NUOB	1	0

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets
2005	L	US	SBOB	2	52
		US	TTOB	18	801
		VU	FMOB	1	52
		VU	KIOB	1	35
		VU	MHOB	2	44
		VU	SBOB	13	71
		AU	AUOB	192	553
		CN	FJOB	1	20
		CN	MHOB	21	184
		CN	PWOB	1	10
		FJ	FJOB	38	471
		FM	FMOB	4	29
		FM	MHOB	3	32
		FR	PFOB	1	12
		JP	FMOB	4	72
		JP	MHOB	2	95
		JP	NZOB	2	199
		JP	PGOB	1	3
		KR	KIOB	2	149
		NC	NCOB	3	25
		NZ	NZOB	13	149
		NZ	PFOB	1	3
		PF	PFOB	15	227
		PG	PGOB	17	386
		TO	TOOB	1	11
		WS	NCOB	1	12
		VU	SBOB	9	115
		CN	PGOB	3	100
		CN	SBOB	1	4
		FM	FAOB	5	172
		JP	FMOB	4	88
		JP	PGOB	1	22
		KR	KIOB	1	14
	KR	MHOB	3	90	
	KR	PGOB	1	10	
	KR	SBOB	4	157	
	MH	FAOB	16	313	
	MH	MHOB	3	50	
	NZ	MHOB	1	43	
	PG	FAOB	1	0	
	PG	FAOB	24	782	
	PG	PGOB	2	33	
	PG	PGOB	81	2,036	
	PG	SBOB	1	26	
	PH	FAOB	1	61	
	PH	PGOB	1	8	
	PH	PGOB	37	962	
SB	FAOB	4	68		
SB	SBOB	11	77		
TW	FMOB	6	162		
TW	MHOB	6	205		
TW	PGOB	5	100		
TW	SBOB	4	118		
US	SBOB	1	32		
US	TTOB	14	435		
VU	FAOB	1	38		
VU	MHOB	4	112		
VU	PGOB	1	24		
VU	SBOB	13	92		
2006	L	AU	AUOB	129	428
		CN	FMOB	2	18
		CN	MHOB	52	535
		FJ	FJOB	4	48
		FJ	FJOB	27	302
		FM	FMOB	2	19
		FM	MHOB	11	122
		FR	NCOB	1	3
		FR	PFOB	1	10
		JP	FMOB	3	43
		JP	NZOB	3	183
		KR	KIOB	3	150
		NC	NCOB	6	45
		NC	SFOB	1	10
		NZ	NZOB	14	107
		PF	PFOB	19	300
		PG	PGOB	3	73
		PG	PGOB	10	144
		TO	TOOB	13	86
		TW	FMOB	3	16
		TW	PGOB	1	30

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets	
2007	S	WS	WSOB	2	7	
		CN	MHOB	1	7	
		CN	PGOB	2	64	
		FM	FAOB	6	0	
		JP	FMOB	1	16	
		JP	KIOB	2	43	
		JP	PGOB	2	21	
		JP	SPOB	1	1	
		KI	FAOB	3	75	
		KI	MHOB	1	19	
		KR	FMOB	3	88	
		KR	KIOB	6	132	
		KR	PGOB	8	193	
		MH	FAOB	12	0	
		MH	MHOB	3	90	
		MH	MHOB	11	264	
		NZ	KIOB	1	30	
		PG	FAOB	3	81	
		PG	FAOB	50	465	
		PG	PGOB	3	46	
		PG	PGOB	76	1,607	
		PH	PGOB	2	25	
		PH	PGOB	40	819	
		TW	FMOB	2	24	
		TW	KIOB	2	36	
		TW	MHOB	1	35	
		TW	MHOB	2	31	
		TW	PGOB	7	155	
		US	TTOB	12	27	
		VU	FAOB	1	0	
		VU	FAOB	2	97	
		VU	KIOB	1	29	
		VU	PGOB	4	122	
	L	CN	CN	FMOB	6	54
			CN	MHOB	44	473
			FJ	FJOB	3	50
			FM	MHOB	6	52
			JP	FMOB	1	21
			NC	NCOB	1	9
			NC	NCOB	6	52
			PF	PFOB	1	12
			PF	PFOB	16	124
			PG	PGOB	2	68
			TW	FMOB	1	9
			S	CN	PGOB	4
FM				FAOB	3	59
FM				FAOB	4	71
JP				FMOB	3	55
JP				KIOB	2	38
KI				FAOB	2	35
KR				FMOB	1	15
KR		KIOB		3	65	
KR		PGOB		3	56	
MH		FAOB		12	208	
MH		MHOB		20	304	
PG		FAOB		5	107	
PG		FAOB		52	1,444	
PG		PGOB		1	31	
PG		PGOB		56	894	
PH		PGOB	1	0		
PH		PGOB	18	439		
SB		MHOB	1	33		
TW		FMOB	5	162		
TW		MHOB	1	26		
TW		PGOB	6	176		
US		TTOB	15	420		
VU	MHOB	4	139			
VU	PGOB	2	67			
2008	L	CN	MHOB	3	28	
		FJ	FJOB	6	74	
		FM	MHOB	2	22	
		PF	PFOB	10	106	
		TO	TOOB	5	35	
		TW	FMOB	1	11	
	S	FM	FAOB	2	60	
		JP	FMOB	1	9	
		KI	FAOB	1	27	
		MH	FAOB	8	129	
		MH	MHOB	1	13	
		PG	FAOB	6	186	

Table 7. (continued)

Year	Gear	Flag	Source	Number of Trips	Number of Sets
		PG	TTOB	3	134
		SB	FAOB	3	60
		US	TTOB	19	672
		VU	TTOB	1	27