

Detail: L - SKJ

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data						
				Annual Catch		Catch recs	Catch recs		Area	Time	Size int	Samples	Area	Time	Size int	Samples
				Estimate	Area		Area	Time								
L	AU	1989	WCPFC	43	5x5	MON	24	92	5x5	MON	1	2	...	...	...	...
L	AU	1990	WCPFC	63	5x5	MON	29	170	5x5	MON	1	53	...	...	...	...
L	AU	1991	WCPFC	66	5x5	MON	35	221	5x5	MON	1	147	...	...	...	...
L	AU	1992	WCPFC	62	5x5	MON	42	353	5x5	MON	1	118	...	...	...	...
L	AU	1993	WCPFC	5	5x5	MON	44	302	5x5	MON	1	118	...	...	...	...
L	AU	1994	WCPFC	5	5x5	MON	47	384	5x5	MON	1	82	...	...	...	...
L	AU	1995	WCPFC	15	5x5	MON	58	547	5x5	MON	1	61	...	...	...	...
L	AU	1996	WCPFC	11	5x5	MON	63	459	5x5	MON	1	177	...	...	...	...
L	AU	1997	WCPFC	8	5x5	MON	68	472	5x5	MON	1	126	...	...	...	...
L	AU	2001	WCPFC	6	5x5	MON	50	178	5x5	MON	1	8	...	...	...	...
L	AU	2002	WCPFC	8	5x5	MON	52	295	5x5	MON	1	464	...	...	...	...
L	AU	2003	WCPFC	3	5x5	MON	65	236	5x5	MON	1	162	...	...	...	...
L	AU	2004	WCPFC	1	5x5	MON	40	100	5x5	MON	1	47	...	...	...	...
L	AU	2005	WCPFC	2	5x5	MON	49	154	5x5	MON	1	65	...	...	...	...
L	AU	2006	WCPFC	49	5x5	MON	86	1,062	5x5	MON	1	685	...	...	...	...
L	AU	2007	WCPFC	8	5x5	MON	75	407	5x5	MON	1	114	...	...	...	...
L	AU	2008	WCPFC	15	5x5	MON	54	441	5x5	MON	1	739	...	...	...	...
L	AU	2009	WCPFC	10	5x5	MON	65	432	5x5	MON	1	230	...	...	...	...
L	AU	2010	WCPFC	4	5x5	MON	65	245	5x5	MON	1	79	...	...	...	...
L	AU	2011	WCPFC	2	5x5	MON	40	127	5x5	MON	1	87	...	...	...	...
L	AU	2012	WCPFC	3	5x5	MON	43	127	5x5	MON	1	37	...	...	...	...
L	AU	2013	WCPFC	3	5x5	MON	54	164	5x5	MON	1	62	...	...	...	...
L	AU	2014	WCPFC	2	5x5	MON	51	149	5x5	MON	1	29	...	...	...	...
L	AU	2015	WCPFC	5	5x5	MON	60	275	5x5	MON	1	11	...	...	...	...
L	BZ	2000	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	BZ	2002	WCPFC	...	...	...	...	...	10x20	MON	1	33	...	...	...	...
L	BZ	2006	WCPFC	1	5x5	MON	2	3	5x5	MON	1	1	...	...	...	...
L	BZ	2017	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...
L	CK	1995	WCPFC	...	5x5	MON	2	8	5x5	MON	1	2	...	...	...	...
L	CK	1996	WCPFC	...	5x5	MON	4	6	5x5	MON	1	1	...	...	...	...
L	CK	2002	WCPFC	16	5x5	MON	29	169	5x5	MON	1	5	...	...	...	...
L	CK	2003	WCPFC	34	5x5	MON	68	648	5x5	MON	1	217	...	...	...	...
L	CK	2004	WCPFC	62	5x5	MON	63	960	5x5	MON	1	70	...	...	...	...
L	CK	2005	WCPFC	32	5x5	MON	57	578	5x5	MON	1	244	...	...	...	...
L	CK	2006	WCPFC	69	5x5	MON	86	867	5x5	MON	1	302	...	...	...	...
L	CK	2007	WCPFC	41	5x5	MON	95	798	5x5	MON	1	600	...	...	...	...
L	CK	2008	WCPFC	54	5x5	MON	95	1,027	5x5	MON	1	328	...	...	...	...
L	CK	2009	WCPFC	89	5x5	MON	69	997	5x5	MON	1	317	...	...	...	...
L	CK	2010	WCPFC	124	5x5	MON	69	893	5x5	MON	1	457	...	...	...	...
L	CK	2011	WCPFC	135	5x5	MON	79	1,161	5x5	MON	1	489	...	...	...	...
L	CK	2012	WCPFC	308	5x5	MON	84	1,847	5x5	MON	1	480	...	...	...	...
L	CK	2013	WCPFC	40	5x5	MON	91	1,096	5x5	MON	1	625	...	...	...	...
L	CK	2014	WCPFC	137	5x5	MON	73	1,082	5x5	MON	1	665	...	...	...	...
L	CK	2015	WCPFC	86	5x5	MON	77	1,056	5x5	MON	1	1,259	...	...	...	...
L	CK	2016	WCPFC	38	5x5	MON	108	1,241	5x5	MON	1	545	...	...	...	...
L	CK	2017	WCPFC	67	5x5	MON	112	1,511	5x5	MON	1	687	...	...	...	...
L	CK	2018	WCPFC	75	5x5	MON	130	2,033	5x5	MON	1	653	...	...	...	...
L	CK	2019	WCPFC	128	5x5	MON	92	1,159	5x5	MON	1	895	...	...	...	...
L	CK	2020	WCPFC	75	5x5	MON	95	877	5x5	MON	1	84	...	...	...	...
L	CK	2021	WCPFC	34	5x5	MON	69	563	5x5	MON	1	155	...	...	...	...
L	CK	2022	WCPFC	21	5x5	MON	39	222	5x5	MON	1	39	...	...	...	...
L	CK	2023	WCPFC	4	5x5	MON	26	101	5x5	MON	1	250	...	...	...	...
L	CN	1993	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	CN	1994	WCPFC	...	...	...	...	...	5x5	MON	1	3	...	...	...	...
L	CN	1995	WCPFC	...	...	...	...	...	5x5	MON	1	47	...	...	...	...
L	CN	1996	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...
L	CN	1997	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...
L	CN	1998	WCPFC	...	...	...	...	...	5x5	MON	1	21	...	...	...	...
L	CN	1999	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...
L	CN	2000	WCPFC	...	...	...	...	...	5x5	MON	1	14	...	...	...	...
L	CN	2001	WCPFC	...	5x5	MON	1	1	5x5	MON	1	43	...	...	...	...
L	CN	2002	WCPFC	...	5x5	MON	4	5	5x5	MON	1	50	...	...	...	...
L	CN	2003	WCPFC	3	5x5	MON	14	54	5x5	MON	1	36	...	...	...	...
L	CN	2004	WCPFC	7	5x5	MON	26	254	5x5	MON	1	340	...	...	...	...
L	CN	2005	WCPFC	5	5x5	MON	26	423	5x5	MON	1	321	...	...	...	...
L	CN	2006	WCPFC	14	5x5	MON	43	399	5x5	MON	1	608	...	...	...	...
L	CN	2007	WCPFC	1	5x5	MON	66	217	5x5	MON	1	173	...	...	...	...
L	CN	2008	WCPFC	...	5x5	MON	14	222	5x5	MON	1	637	...	...	...	...
L	CN	2009	WCPFC	...	5x5	MON	11	708	5x5	MON	1	360	...	...	...	...
L	CN	2010	WCPFC	...	...	...	...	659	5x5	MON	1	28	...	...	...	...
L	CN	2011	WCPFC	...	...	...	...	1,248	5x5	MON	1	151	...	...	...	...
L	CN	2012	WCPFC	...	...	...	...	2,686	5x5	MON	1	2,337	...	...	...	...
L	CN	2013	WCPFC	...	...	...	...	5,976	5x5	MON	1	1,373	...	...	...	...
L	CN	2014	WCPFC	...	...	...	...	6,876	5x5	MON	1	1,392	...	...	...	...
L	CN	2015	WCPFC	...	...	...	...	7,135	5x5	MON	1	6	...	...	...	...
L	CN	2016	WCPFC	...	...	...	...	10,517	5x5	MON	1	2,224	...	...	...	...
L	CN	2017	WCPFC	...	...	...	...	9,716	5x5	MON	1	2,989	...	...	...	...
L	CN	2018	WCPFC	...	...	...	...	13,256	5x5	MON	1	2,983	...	...	...	...
L	CN	2019	WCPFC	...	...	...	...	12,902	5x5	MON	1	17,142	...	...	...	...
L	CN	2020	WCPFC	...	...	...	...	14,106	5x5	MON	1	6,073	...	...	...	...
L	CN	2021	WCPFC	140	...	...	...	6,163	5x5	MON	1	3,878	...	...	...	...
L	CN	2022	WCPFC	119	...	...	...	14,429	5x5	MON	1	6,841	...	...	...	...
L	CN	2023	WCPFC	...	...	...	...	9,162	5x5	MON	1	6,334	...	...	...	...
L	FJ	1994	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	FJ	1995	WCPFC	...	...	...	...	...	5x5	MON	1	20	...	...	...	...
L	FJ	1996	WCPFC	...	...	...	...	...	5x5	MON	1	238	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data								
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs		Area	Time	Size int	Samples	Area	Time	Size int	Samples
				Area	Time				Area	Time								
L	FJ	1997	WCPFC	5	5x5	MON	22	42	5x5	MON	1	29	...	...	...	...	...
L	FJ	1999	WCPFC	7	5x5	MON	8	8	5x5	MON	1	149	...	...	...	...	...
L	FJ	2001	WCPFC	24	5x5	MON	26	111	5x5	MON	1	6	...	...	...	...	...
L	FJ	2002	WCPFC	75	5x5	MON	75	421	5x5	MON	1	502	...	...	...	...	...
L	FJ	2003	WCPFC	32	5x5	MON	85	314	5x5	MON	1	1,258	...	...	...	...	...
L	FJ	2004	WCPFC	34	5x5	MON	79	364	5x5	MON	1	1,138	...	...	...	...	...
L	FJ	2005	WCPFC	91	5x5	MON	116	736	5x5	MON	1	3,239	...	...	...	...	...
L	FJ	2006	WCPFC	98	5x5	MON	125	629	5x5	MON	1	4,398	...	...	...	...	...
L	FJ	2007	WCPFC	50	5x5	MON	129	478	5x5	MON	1	1,323	...	...	...	...	...
L	FJ	2008	WCPFC	105	5x5	MON	129	723	5x5	MON	1	1,727	...	...	...	...	...
L	FJ	2009	WCPFC	105	5x5	MON	208	1,133	5x5	MON	1	2,048	...	...	...	...	...
L	FJ	2010	WCPFC	152	5x5	MON	195	980	5x5	MON	1	720	...	...	...	...	...
L	FJ	2011	WCPFC	...	5x5	MON	256	1,217	5x5	MON	1	416	...	...	...	...	...
L	FJ	2012	WCPFC	...	5x5	MON	285	2,064	5x5	MON	1	283	...	...	...	...	...
L	FJ	2013	WCPFC	...	5x5	MON	332	3,096	5x5	MON	1	1,445	...	...	...	...	...
L	FJ	2014	WCPFC	...	5x5	MON	412	6,378	5x5	MON	1	3,350	...	...	...	...	...
L	FJ	2015	WCPFC	399	5x5	MON	393	6,442	5x5	MON	1	4,469	...	...	...	...	...
L	FJ	2016	WCPFC	254	5x5	MON	368	5,975	5x5	MON	1	4,004	...	...	...	...	...
L	FJ	2017	WCPFC	499	5x5	MON	299	7,380	5x5	MON	1	5,160	...	...	...	...	...
L	FJ	2018	WCPFC	439	5x5	MON	322	8,284	5x5	MON	1	7,520	...	...	...	...	...
L	FJ	2019	WCPFC	334	5x5	MON	319	7,267	5x5	MON	1	6,220	...	...	...	...	...
L	FJ	2020	WCPFC	434	5x5	MON	285	7,628	5x5	MON	1	12,530	...	...	...	...	...
L	FJ	2021	WCPFC	234	5x5	MON	231	6,207	5x5	MON	1	9,619	...	...	...	...	...
L	FJ	2022	WCPFC	407	5x5	MON	208	5,907	5x5	MON	1	8,719	...	...	...	...	...
L	FJ	2023	WCPFC	217	5x5	MON	258	5,976	5x5	MON	1	4,464	...	...	...	...	...
L	FM	1994	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...	...
L	FM	1995	WCPFC	...	...	...	...	...	5x5	MON	1	4	...	...	...	...	...
L	FM	1996	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...	...
L	FM	1997	WCPFC	...	...	...	...	...	5x5	MON	1	21	...	...	...	...	...
L	FM	1998	WCPFC	1	5x5	MON	8	30	5x5	MON	1	10	...	...	...	...	...
L	FM	1999	WCPFC	...	...	...	...	...	5x5	MON	1	11	...	...	...	...	...
L	FM	2000	WCPFC	...	...	...	...	...	5x5	MON	1	21	...	...	...	...	...
L	FM	2001	WCPFC	...	5x5	MON	1	1	5x5	MON	1	38	...	...	...	...	...
L	FM	2002	WCPFC	...	...	...	...	...	5x5	MON	1	6	...	...	...	...	...
L	FM	2003	WCPFC	...	5x5	MON	3	5	5x5	MON	1	58	...	...	...	...	...
L	FM	2004	WCPFC	...	5x5	MON	6	8	5x5	MON	1	15	...	...	...	...	...
L	FM	2005	WCPFC	...	5x5	MON	2	6	5x5	MON	1	82	...	...	...	...	...
L	FM	2006	WCPFC	...	5x5	MON	2	2	5x5	MON	1	25	...	...	...	...	...
L	FM	2007	WCPFC	...	...	...	...	...	5x5	MON	1	19	...	...	...	...	...
L	FM	2008	WCPFC	...	5x5	MON	15	46	5x5	MON	1	24	...	...	...	...	...
L	FM	2012	WCPFC	...	5x5	MON	11	74	5x5	MON	1	7	...	...	...	...	...
L	FM	2013	WCPFC	1	5x5	MON	54	174	5x5	MON	1	27	...	...	...	...	...
L	FM	2014	WCPFC	6	5x5	MON	19	68	5x5	MON	1	303	...	...	...	...	...
L	FM	2015	WCPFC	49	5x5	MON	88	770	5x5	MON	1	305	...	...	...	...	...
L	FM	2016	WCPFC	29	5x5	MON	96	646	5x5	MON	1	389	...	...	...	...	...
L	FM	2017	WCPFC	17	5x5	MON	69	355	5x5	MON	1	15	...	...	...	...	...
L	FM	2018	WCPFC	89	5x5	MON	138	1,968	5x5	MON	1	90	...	...	...	...	...
L	FM	2019	WCPFC	309	5x5	MON	156	2,126	5x5	MON	1	1,788	...	...	...	...	...
L	FM	2020	WCPFC	27	5x5	MON	219	2,295	5x5	MON	1	21	...	...	...	...	...
L	FM	2021	WCPFC	60	5x5	MON	166	3,009	5x5	MON	1	22	...	...	...	...	...
L	FM	2022	WCPFC	49	5x5	MON	131	1,612	5x5	MON	1	63	...	...	...	...	...
L	FM	2023	WCPFC	48	5x5	MON	127	1,400	5x5	MON	1	379	...	...	...	...	...
L	ID	2019	WCPFC	2,241	5x5	MON	72	...	5x10	MON	1	2	...	...	...	...	...
L	ID	2022	WCPFC	14	5x5	MON	72	21	5x10	MON	1	257	...	...	...	...	...
L	JP	1970	WCPFC	367	5x5	MON	1,979	305	5x5	MON	2	8,819	...	...	...	...	...
L	JP	1971	WCPFC	153	5x5	MON	1,567	206	5x5	MON	2	7,804	...	...	...	...	...
L	JP	1972	WCPFC	156	5x5	MON	1,510	17	5x5	MON	2	4,629	...	...	...	...	...
L	JP	1973	WCPFC	146	5x5	MON	1,595	...	5x5	MON	2	5,972	...	...	...	...	...
L	JP	1974	WCPFC	195	5x5	MON	1,635	...	5x5	MON	2	4,854	...	...	...	...	...
L	JP	1975	WCPFC	77	5x5	MON	1,429	...	5x5	MON	2	2,376	...	...	...	...	...
L	JP	1976	WCPFC	170	5x5	MON	1,675	...	5x5	MON	2	3,573	...	...	...	...	...
L	JP	1977	WCPFC	107	5x5	MON	1,566	...	5x5	MON	2	2,206	...	...	...	...	...
L	JP	1978	WCPFC	88	5x5	MON	1,425	4	5x5	MON	2	3,967	...	...	...	...	...
L	JP	1979	WCPFC	48	5x5	MON	1,438	160	5x5	MON	2	2,222	...	...	...	...	...
L	JP	1980	WCPFC	58	5x5	MON	1,358	287	5x5	MON	2	1,366	...	...	...	...	...
L	JP	1981	WCPFC	46	5x5	MON	620	390	5x5	MON	2	1,517	...	...	...	...	...
L	JP	1982	WCPFC	33	5x5	MON	532	509	5x5	MON	2	1,319	...	...	...	...	...
L	JP	1983	WCPFC	1,171	5x5	MON	768	357	5x5	MON	2	1,789	...	...	...	...	...
L	JP	1984	WCPFC	69	5x5	MON	615	444	5x5	MON	2	1,738	...	...	...	...	...
L	JP	1985	WCPFC	117	5x5	MON	690	316	5x5	MON	2	911	...	...	...	...	...
L	JP	1986	WCPFC	123	5x5	MON	670	216	5x5	MON	2	2,238	...	...	...	...	...
L	JP	1987	WCPFC	47	5x5	MON	663	475	5x5	MON	2	336	5x5	MON	1	5		
L	JP	1988	WCPFC	70	5x5	MON	682	675	5x5	MON	2	1,201	5x5	MON	1	15		
L	JP	1989	WCPFC	63	5x5	MON	678	238	5x5	MON	2	1,323	5x5	MON	1	46		
L	JP	1990	WCPFC	79	5x5	MON	693	369	5x5	MON	2	369	5x5	MON	1	20		
L	JP	1991	WCPFC	119	5x5	MON	703	445	5x5	MON	2	2,160	5x5	MON	1	75		
L	JP	1992	WCPFC	113	5x5	MON	703	694	5x5	MON	2	669	5x5	MON	1	223		
L	JP	1993	WCPFC	347	5x5	MON	1,243	436	5x5	MON	2	2,752	5x5	MON	1	188		
L	JP	1994	WCPFC	170	5x5	MON	246	273	5x5	MON	2	1,625	5x5	MON	1	48		
L	JP	1995	WCPFC	210	5x5	MON	248	346	5x5	MON	2	3,842	5x5	MON	1	150		
L	JP	1996	WCPFC	159	5x5	MON	207	378	5x5	MON	2	460	5x5	MON	1	327		
L	JP	1997	WCPFC	202	5x5	MON	201	543	5x5	MON	2	675	5x5	MON	1	213		
L	JP	1998	WCPFC	104	5x5	MON	197	...	5x5	MON	2	352	5x5	MON	1	5		
L	JP	1999	WCPFC	107	5x5	MON	183	...	5x5	MON	2	819	5x5	MON	1	15		
L	JP	2000	W															

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data						
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	
				Area	Time											
L	JP	2007	WCPFC	53	5x5	MON	173	76	5x5	MON	2	290	5x5	MON	1	26
L	JP	2008	WCPFC	100	5x5	MON	175	52	5x5	MON	2	1,463	...	...	...	...
L	JP	2009	WCPFC	63	5x5	MON	213	31	5x5	MON	2	564	5x5	MON	1	13
L	JP	2010	WCPFC	85	5x5	MON	204	37	5x5	...	2	630	...	...	...	...
L	JP	2011	WCPFC	130	5x5	MON	248	89	10x20	QTR	1	570	...	...	...	...
L	JP	2012	WCPFC	203	5x5	MON	226	118	10x20	QTR	1	1,077	...	...	...	...
L	JP	2013	WCPFC	209	5x5	MON	207	298	10x20	QTR	1	1,167	...	...	...	...
L	JP	2014	WCPFC	167	5x5	MON	185	635	10x20	QTR	1	1,370	5x5	MON	1	4
L	JP	2015	WCPFC	97	5x5	MON	140	1,686	10x20	QTR	1	1,023	5x5	MON	1	561
L	JP	2016	WCPFC	49	5x5	MON	151	1,503	10x20	QTR	1	715	5x5	MON	1	624
L	JP	2017	WCPFC	68	5x5	MON	138	1,976	10x20	QTR	1	1,017	5x5	MON	1	883
L	JP	2018	WCPFC	38	5x5	MON	148	1,373	10x20	QTR	1	631	5x5	MON	1	442
L	JP	2019	WCPFC	45	5x5	MON	123	1,685	10x20	QTR	1	1,985	5x5	MON	1	1,746
L	JP	2020	WCPFC	44	5x5	MON	140	1,102	5x5	MON	1	386	10x20	QTR	1	363
L	JP	2021	WCPFC	71	5x5	MON	116	1,078	10x20	QTR	1	202	5x5	MON	1	1
L	JP	2022	WCPFC	114	5x5	MON	92	1,370	10x20	QTR	1	58	...	...	...	...
L	KI	2008	WCPFC	...	...	...	...	...	5x5	MON	1	7	...	...	...	...
L	KI	2010	WCPFC	...	...	...	...	...	5x5	MON	1	13	...	...	...	...
L	KI	2012	WCPFC	...	5x5	MON	26	93	10x20	MON	1	29	...	...	...	...
L	KI	2013	WCPFC	...	5x5	MON	15	39	5x5	MON	1	51	...	...	...	...
L	KI	2015	WCPFC	8	5x5	MON	36	185	5x5	MON	1	629	...	...	...	...
L	KI	2016	WCPFC	21	5x5	MON	73	359	5x5	MON	1	225	...	...	...	...
L	KI	2017	WCPFC	56	5x5	MON	96	590	5x5	MON	1	65	...	...	...	...
L	KI	2018	WCPFC	15	5x5	MON	23	90	5x5	MON	1	5	...	...	...	...
L	KI	2019	WCPFC	144	5x5	MON	27	575	5x5	MON	1	98	...	...	...	...
L	KI	2020	WCPFC	35	5x5	MON	103	2,006	5x5	MON	1	365	...	...	...	...
L	KI	2021	WCPFC	39	5x5	MON	146	1,490	5x5	MON	1	225	...	...	...	...
L	KI	2022	WCPFC	110	5x5	MON	166	1,440	5x5	MON	1	661	...	...	...	...
L	KI	2023	WCPFC	62	5x5	MON	168	2,431	5x5	MON	1	646	...	...	...	...
L	KR	1998	WCPFC	2	5x5	MON	53	...	5x5	MON	1	188	...	...	...	...
L	KR	1999	WCPFC	3	5x5	MON	78	1	5x5	MON	1	6	...	...	...	...
L	KR	2001	WCPFC	4	5x5	MON	32	8	10x20	MON	1	15	...	...	...	...
L	KR	2002	WCPFC	10	5x5	MON	116	...	5x5	MON	1	104	10x20	MON	1	13
L	KR	2003	WCPFC	6	5x5	MON	110	36	10x20	MON	1	13	...	...	...	...
L	KR	2005	WCPFC	1	5x5	MON	19	...	5x5	MON	1	36	...	...	...	...
L	KR	2006	WCPFC	1	5x5	MON	34	...	5x5	MON	1	73	...	...	...	...
L	KR	2007	WCPFC	1	5x5	MON	26	...	5x5	MON	1	1	...	...	...	...
L	KR	2011	WCPFC	35	5x5	MON	214	44	5x5	MON	1	87	...	...	...	...
L	KR	2012	WCPFC	184	5x5	MON	267	144	5x5	MON	1	178	...	...	...	...
L	KR	2013	WCPFC	51	5x5	MON	236	375	5x5	MON	1	1,346	...	...	...	...
L	KR	2014	WCPFC	100	5x5	MON	295	3,085	5x5	MON	1	737	...	...	...	...
L	KR	2015	WCPFC	104	5x5	MON	344	4,593	5x5	MON	1	348	...	...	...	...
L	KR	2016	WCPFC	166	5x5	MON	377	7,406	5x5	MON	1	346	...	...	...	...
L	KR	2017	WCPFC	186	5x5	MON	428	7,905	5x5	MON	1	474	...	...	...	...
L	KR	2018	WCPFC	202	5x5	MON	381	8,065	5x5	MON	1	908	...	...	...	...
L	KR	2019	WCPFC	390	5x5	MON	413	10,255	5x5	MON	1	2,896	...	...	...	...
L	KR	2020	WCPFC	251	5x5	MON	431	9,151	5x5	MON	1	430	...	...	...	...
L	KR	2021	WCPFC	332	5x5	MON	405	11,102	5x5	MON	1	1,105	...	...	...	...
L	KR	2022	WCPFC	424	5x5	MON	353	9,349	5x5	MON	1	2,209	...	...	...	...
L	KR	2023	WCPFC	374	...	...	...	...	5x5	MON	1	1,497	...	...	...	...
L	MH	2008	WCPFC	...	5x5	MON	1	1	5x5	MON	1	77	...	...	...	...
L	MH	2016	WCPFC	3	5x5	MON	1	2	5x5	MON	1	86	...	...	...	...
L	MH	2017	WCPFC	1	5x5	MON	2	7	5x5	MON	1	10	...	...	...	...
L	MH	2018	WCPFC	14	...	...	...	...	5x5	MON	1	163	...	...	...	...
L	MH	2019	WCPFC	10	5x5	MON	5	14	5x5	MON	1	80	...	...	...	...
L	MH	2020	WCPFC	1	5x5	MON	22	59	5x5	MON	1	2	...	...	...	...
L	MH	2021	WCPFC	1	5x5	MON	15	33	5x5	MON	1	39	...	...	...	...
L	MH	2022	WCPFC	3	5x5	MON	5	11	5x5	MON	1	4	...	...	...	...
L	MH	2023	WCPFC	...	...	...	...	...	5x5	MON	1	21	...	...	...	...
L	NC	1994	WCPFC	...	...	...	...	...	5x5	MON	1	10	...	...	...	...
L	NC	1995	WCPFC	...	...	...	...	...	5x5	MON	1	54	...	...	...	...
L	NC	1996	WCPFC	...	...	...	...	...	5x5	MON	1	59	...	...	...	...
L	NC	1998	WCPFC	...	...	...	...	...	5x5	MON	1	10	...	...	...	...
L	NC	1999	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	NC	2001	WCPFC	...	...	...	...	...	5x5	MON	1	16	...	...	...	...
L	NC	2002	WCPFC	...	5x5	MON	3	6	5x5	MON	1	164	...	...	...	...
L	NC	2003	WCPFC	...	...	...	...	...	5x5	MON	1	107	...	...	...	...
L	NC	2004	WCPFC	...	...	...	...	...	5x5	MON	1	96	...	...	...	...
L	NC	2005	WCPFC	...	...	...	...	...	5x5	MON	1	2	...	...	...	...
L	NC	2006	WCPFC	...	...	...	...	...	5x5	MON	1	68	...	...	...	...
L	NC	2007	WCPFC	...	...	...	...	...	5x5	MON	1	84	...	...	...	...
L	NC	2008	WCPFC	...	...	...	...	...	5x5	MON	1	73	...	...	...	...
L	NC	2009	WCPFC	...	5x5	MON	1	1	5x5	MON	1	599	...	...	...	...
L	NC	2010	WCPFC	...	5x5	MON	1	1	5x5	MON	1	884	...	...	...	...
L	NC	2011	WCPFC	...	5x5	MON	1	2	5x5	MON	1	371	...	...	...	...
L	NC	2012	WCPFC	...	5x5	MON	1	1	5x5	MON	1	303	...	...	...	...
L	NC	2013	WCPFC	...	5x5	MON	2	8	5x5	MON	1	186	...	...	...	...
L	NC	2014	WCPFC	...	5x5	MON	1	2	5x5	MON	1	575	...	...	...	...
L	NC	2015	WCPFC	6	5x5	MON	28	164	5x5	MON	1	161	...	...	...	...
L	NC	2016	WCPFC	58	5x5	MON	41	342	5x5	MON	1	201	...	...	...	...
L	NC	2017	WCPFC	41	5x5	MON	62	783	5x5	MON	1	845	...	...	...	...
L	NC	2018	WCPFC	15	5x5	MON	57	488	5x5	MON	1	712	...	...	...	...
L	NC	2019	WCPFC	21	5x5	MON	52	407	5x5	MON	1	285	...	...	...	...
L	NC	2020	WCPFC	8	5x5	MON	50	390	5x5	MON	1	232	...	...	...	...
L	NC	2021	WCPFC	12	5x5	MON	49	281	5x5	MON	1	325	...	...	...	...
L	NC	2022	WCPFC	92	5x5	MON	54	689	5x5	MON	1	947	...	...	...	...
L	NC	2023	WCPFC	13	5x5	MON	47	449	5x5	MON	1	213	...	...	...	...
L	NU	2005	WCPFC	4	5x5	MON	11	48	5x5	MON	1	3	...	...	...	...
L	NU	2006	WCPFC	8	5x5	MON	18	117	5x5	MON	1	104	...	...	...	...
L	NU	2007	WCPFC	12	5x5	MON	24	235	5x5	MON	1	24	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data						
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	
				Area	Time											
L	NU	2008	WCPFC	7	5x5	MON	46	242	5x5	MON	1	5	...	...	...	...
L	NU	2009	WCPFC	5	5x5	MON	9	32	5x5	MON	1	11	...	...	...	...
L	NZ	1995	WCPFC	2	5x5	MON	18	67	5x5	MON	1	22	...	...	...	...
L	NZ	1996	WCPFC	3	5x5	MON	22	114	5x5	MON	1	59	...	...	...	...
L	NZ	1997	WCPFC	1	5x5	MON	15	34	5x5	MON	1	11	...	...	...	...
L	NZ	1998	WCPFC	3	5x5	MON	34	177	5x5	MON	1	34	...	...	...	...
L	NZ	1999	WCPFC	1	5x5	MON	20	57	5x5	MON	1	4	...	...	...	...
L	NZ	2000	WCPFC	1	5x5	MON	34	109	5x5	MON	1	3	...	...	...	...
L	NZ	2001	WCPFC	6	5x5	MON	47	569	5x5	MON	1	56	...	...	...	...
L	NZ	2002	WCPFC	7	5x5	MON	57	868	5x5	MON	1	27	...	...	...	...
L	NZ	2003	WCPFC	5	5x5	MON	40	402	5x5	MON	1	405	...	...	...	...
L	NZ	2004	WCPFC	3	5x5	MON	33	280	5x5	MON	1	62	...	...	...	...
L	NZ	2005	WCPFC	2	5x5	MON	27	156	5x5	MON	1	33	...	...	...	...
L	NZ	2006	WCPFC	1	5x5	MON	24	85	5x5	MON	1	5	...	...	...	...
L	NZ	2007	WCPFC	1	5x5	MON	21	128	5x5	MON	1	23	...	...	...	...
L	NZ	2008	WCPFC	...	5x5	MON	12	20	5x5	MON	1	6	...	...	...	...
L	NZ	2009	WCPFC	1	5x5	MON	20	39	5x5	MON	1	11	...	...	...	...
L	NZ	2010	WCPFC	1	5x5	MON	18	39	5x5	MON	1	4	...	...	...	...
L	NZ	2011	WCPFC	1	5x5	MON	22	77	5x5	MON	1	14	...	...	...	...
L	NZ	2012	WCPFC	1	5x5	MON	17	74	5x5	MON	1	4	...	...	...	...
L	NZ	2013	WCPFC	1	5x5	MON	23	81	5x5	MON	1	11	...	...	...	...
L	NZ	2014	WCPFC	1	5x5	MON	17	52	5x5	MON	1	4	...	...	...	...
L	NZ	2015	WCPFC	1	5x5	MON	23	64	5x5	MON	1	8	...	...	...	...
L	NZ	2016	WCPFC	1	5x5	MON	19	63	5x5	MON	1	10	...	...	...	...
L	NZ	2017	WCPFC	1	5x5	MON	23	54	5x5	MON	1	6	...	...	...	...
L	NZ	2018	WCPFC	1	5x5	MON	23	66	5x5	MON	1	23	...	...	...	...
L	NZ	2019	WCPFC	10	5x5	MON	13	31	5x5	MON	1	1	...	...	...	...
L	NZ	2020	WCPFC	1	5x5	MON	14	59	5x5	MON	1	7	...	...	...	...
L	NZ	2021	WCPFC	...	5x5	MON	12	23	5x5	MON	1	9	...	...	...	...
L	PF	1997	WCPFC	22	5x5	MON	50	542	5x5	MON	1	49	...	...	...	...
L	PF	2002	WCPFC	92	5x5	MON	69	725	5x5	MON	1	103	...	...	...	...
L	PF	2003	WCPFC	73	5x5	MON	85	1,456	5x5	MON	1	186	...	...	...	...
L	PF	2004	WCPFC	65	5x5	MON	101	1,580	5x5	MON	1	217	...	...	...	...
L	PF	2005	WCPFC	24	5x5	MON	102	977	5x5	MON	1	270	...	...	...	...
L	PF	2006	WCPFC	28	5x5	MON	80	833	5x5	MON	1	228	...	...	...	...
L	PF	2007	WCPFC	30	5x5	MON	79	818	5x5	MON	1	248	...	...	...	...
L	PF	2008	WCPFC	18	5x5	MON	79	640	5x5	MON	1	177	...	...	...	...
L	PF	2009	WCPFC	25	5x5	MON	72	630	5x5	MON	1	1,067	...	...	...	...
L	PF	2010	WCPFC	22	5x5	MON	66	572	5x5	MON	1	732	...	...	...	...
L	PF	2011	WCPFC	19	5x5	MON	68	485	5x5	MON	1	245	...	...	...	...
L	PF	2012	WCPFC	50	5x5	MON	66	625	5x5	MON	1	407	...	...	...	...
L	PF	2013	WCPFC	34	5x5	MON	70	576	5x5	MON	1	263	...	...	...	...
L	PF	2014	WCPFC	33	5x5	MON	88	850	5x5	MON	1	326	...	...	...	...
L	PF	2015	WCPFC	75	5x5	MON	78	1,102	5x5	MON	1	303	...	...	...	...
L	PF	2016	WCPFC	60	5x5	MON	108	1,478	5x5	MON	1	267	...	...	...	...
L	PF	2017	WCPFC	37	5x5	MON	96	1,210	5x5	MON	1	379	...	...	...	...
L	PF	2018	WCPFC	30	5x5	MON	95	1,003	5x5	MON	1	193	...	...	...	...
L	PF	2019	WCPFC	76	5x5	MON	108	1,460	5x5	MON	1	267	...	...	...	...
L	PF	2020	WCPFC	53	5x5	MON	98	1,289	5x5	MON	1	354	...	...	...	...
L	PF	2021	WCPFC	79	5x5	MON	120	1,325	5x5	MON	1	316	...	...	...	...
L	PF	2022	WCPFC	68	5x5	MON	123	1,912	5x5	MON	1	635	...	...	...	...
L	PF	2023	WCPFC	120	5x5	MON	117	1,972	5x5	MON	1	637	...	...	...	...
L	PG	1996	WCPFC	...	5x5	MON	8	21	5x5	MON	1	21	...	...	...	...
L	PG	2000	WCPFC	1	5x5	MON	10	32	5x5	MON	1	29	...	...	...	...
L	PG	2001	WCPFC	1	5x5	MON	14	49	5x5	MON	1	9	10x20	MON	1	1
L	PG	2002	WCPFC	...	5x5	MON	15	56	5x5	MON	1	33	...	...	...	...
L	PG	2003	WCPFC	2	5x5	MON	32	95	5x5	MON	1	79	...	...	...	...
L	PG	2004	WCPFC	1	5x5	MON	16	143	5x5	MON	1	112	...	...	...	...
L	PG	2005	WCPFC	...	5x5	MON	18	60	5x5	MON	1	181	...	...	...	...
L	PG	2006	WCPFC	...	5x5	MON	17	78	5x5	MON	1	183	...	...	...	...
L	PG	2007	WCPFC	...	5x5	MON	5	13	5x5	MON	1	47	...	...	...	...
L	PG	2008	WCPFC	...	5x5	MON	4	4	5x5	MON	1	164	...	...	...	...
L	PG	2010	WCPFC	...	...	...	...	...	5x5	MON	1	3	...	...	...	...
L	PG	2011	WCPFC	7	5x5	MON	4	13	5x5	MON	1	73	...	...	...	...
L	PG	2012	WCPFC	1	5x5	MON	23	51	5x5	MON	1	37	...	...	...	...
L	PG	2013	WCPFC	...	5x5	MON	4	6	5x5	MON	1	5	...	...	...	...
L	PG	2014	WCPFC	...	5x5	MON	3	6	5x5	MON	1	8	...	...	...	...
L	PG	2015	WCPFC	1	5x5	MON	21	75	5x5	MON	1	11	...	...	...	...
L	PG	2016	WCPFC	2	5x5	MON	24	78	5x5	MON	1	8	...	...	...	...
L	PG	2018	WCPFC	2	5x5	MON	26	85	5x5	MON	1	5	...	...	...	...
L	PG	2023	WCPFC	13	5x5	MON	57	515	5x5	MON	1	36	...	...	...	...
L	PH	1993	WCPFC	...	...	...	...	...	10x10	MON	1	20	...	...	...	...
L	PH	2021	WCPFC	...	...	...	...	...	10x20	MON	1	107	...	...	...	...
L	PH	2022	WCPFC	...	...	...	...	...	10x20	MON	1	234	5x5	MON	1	5
L	PW	2000	WCPFC	...	...	...	...	...	5x5	MON	1	16	...	...	...	...
L	PW	2017	WCPFC	2	5x5	MON	29	83	5x5	MON	1	7	...	...	...	...
L	PW	2022	WCPFC	...	5x5	MON	3	4	5x5	MON	1	5	...	...	...	...
L	SB	1996	WCPFC	...	...	...	...	...	5x5	MON	1	1	...	...	...	...
L	SB	1997	WCPFC	...	...	...	...	...	5x5	MON	1	21	...	...	...	...
L	SB	1998	WCPFC	...	...	...	...	...	5x5	MON	1	38	...	...	...	...
L	SB	1999	WCPFC	...	...	...	...	...	5x5	MON	1	4	...	...	...	...
L	SB	2000	WCPFC	...	...	...	...	...	5x5	MON	1	2	...	...	...	...
L	SB	2001	WCPFC	...	...	...	...	...	5x5	MON	1	2	...	...	...	...
L	SB	2002	WCPFC	...	...	...	...	...	5x5	MON	1	67	...	...	...	...
L	SB	2003	WCPFC	...	...	...	...	...	5x5	MON	1	52	...	...	...	...
L	SB	2004	WCPFC	...	...	...	...	...	5x5	MON	1	5	...	...	...	...
L	SB	2011	WCPFC	30	5x5	MON	18	52	5x5	MON	1	574	...	...	...	...
L	SB	2012	WCPFC	...	5x5	MON	41	109	5x5	MON	1	578	...	...	...	...
L	SB	2013	WCPFC	...	5x5	MON	26	89	5x5	MON	1	212	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data							
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples
				Area	Time												
L	SB	2014	WCPFC	209	5x5	MON	133	435	5x5	MON	1	360	...	...	...	...
L	SB	2015	WCPFC	329	5x5	MON	212	5,087	5x5	MON	1	224	...	...	...	...
L	SB	2016	WCPFC	62	5x5	MON	91	1,004	5x5	MON	1	5	...	...	...	...
L	SB	2018	WCPFC	75	5x5	MON	96	1,406	5x5	MON	1	360	...	...	...	...
L	SB	2019	WCPFC	109	5x5	MON	128	2,289	5x5	MON	1	684	...	...	...	...
L	SB	2023	WCPFC	54	5x5	MON	86	714	5x5	MON	1	117	...	...	...	...
L	TO	1996	WCPFC	...	5x5	MON	5	5	5x5	MON	1	4	...	...	...	...
L	TO	1997	WCPFC	1	5x5	MON	11	17	5x5	MON	1	7	...	...	...	...
L	TO	1998	WCPFC	6	5x5	MON	21	92	5x5	MON	1	85	...	...	...	...
L	TO	1999	WCPFC	8	5x5	MON	31	147	5x5	MON	1	36	...	...	...	...
L	TO	2000	WCPFC	4	5x5	MON	39	205	5x5	MON	1	138	...	...	...	...
L	TO	2001	WCPFC	15	5x5	MON	40	221	5x5	MON	1	77	...	...	...	...
L	TO	2002	WCPFC	5	5x5	MON	45	228	5x5	MON	1	2,943	...	...	...	...
L	TO	2003	WCPFC	3	5x5	MON	28	104	5x5	MON	1	1,379	...	...	...	...
L	TO	2004	WCPFC	3	5x5	MON	21	90	5x5	MON	1	1,243	...	...	...	...
L	TO	2005	WCPFC	2	5x5	MON	23	91	5x5	MON	1	153	...	...	...	...
L	TO	2006	WCPFC	1	5x5	MON	15	38	5x5	MON	1	1,665	...	...	...	...
L	TO	2007	WCPFC	1	5x5	MON	9	23	5x5	MON	1	182	...	...	...	...
L	TO	2008	WCPFC	...	5x5	MON	4	8	5x5	MON	1	481	...	...	...	...
L	TO	2009	WCPFC	...	...	...	...	...	5x5	MON	1	241	...	...	...	...
L	TO	2010	WCPFC	...	5x5	MON	4	4	5x5	MON	1	78	...	...	...	...
L	TO	2011	WCPFC	1	5x5	MON	12	41	5x5	MON	1	222	...	...	...	...
L	TO	2012	WCPFC	1	5x5	MON	13	35	5x5	MON	1	74	...	...	...	...
L	TO	2013	WCPFC	1	5x5	MON	18	62	5x5	MON	1	197	...	...	...	...
L	TO	2014	WCPFC	8	5x5	MON	29	266	5x5	MON	1	906	...	...	...	...
L	TO	2015	WCPFC	6	5x5	MON	26	247	5x5	MON	1	1,220	...	...	...	...
L	TO	2016	WCPFC	6	5x5	MON	31	273	5x5	MON	1	1,205	...	...	...	...
L	TO	2017	WCPFC	12	5x5	MON	41	318	5x5	MON	1	1,788	...	...	...	...
L	TO	2018	WCPFC	4	5x5	MON	39	226	5x5	MON	1	811	...	...	...	...
L	TO	2019	WCPFC	2	5x5	MON	37	99	5x5	MON	1	481	...	...	...	...
L	TO	2020	WCPFC	3	5x5	MON	27	122	5x5	MON	1	699	...	...	...	...
L	TO	2021	WCPFC	2	5x5	MON	21	52	5x5	MON	1	533	...	...	...	...
L	TO	2022	WCPFC	2	5x5	MON	19	62	5x5	MON	1	564	...	...	...	...
L	TO	2023	WCPFC	1	5x5	MON	18	36	5x5	MON	1	457	...	...	...	...
L	TV	2016	WCPFC	3	5x5	MON	27	189	5x5	MON	1	146	...	...	...	...
L	TV	2017	WCPFC	7	5x5	MON	37	197	5x5	MON	1	95	...	...	...	...
L	TV	2018	WCPFC	13	5x5	MON	31	242	5x5	MON	1	1,142	...	...	...	...
L	TV	2019	WCPFC	32	5x5	MON	26	179	5x5	MON	1	1,107	...	...	...	...
L	TW	1993	WCPFC	154	5x5	MON	138	92	5x5	MON	1	4	...	...	...	...
L	TW	1994	WCPFC	91	5x5	MON	344	...	5x5	MON	1	8	...	...	...	...
L	TW	1995	WCPFC	244	5x5	MON	194	64	5x5	MON	1	26	...	...	...	...
L	TW	1996	WCPFC	3,693	5x5	MON	251	...	5x5	MON	1	28	...	...	...	...
L	TW	1997	WCPFC	3,722	5x5	MON	212	14	5x5	MON	1	34	...	...	...	...
L	TW	1998	WCPFC	3,827	5x5	MON	126	30	5x5	MON	1	103	...	...	...	...
L	TW	1999	WCPFC	3,044	5x5	MON	137	26	5x5	MON	1	12	...	...	...	...
L	TW	2000	WCPFC	4,310	5x5	MON	155	16	5x5	MON	1	49	...	...	...	...
L	TW	2001	WCPFC	4,120	5x5	MON	74	18	5x5	MON	1	466	...	...	...	...
L	TW	2002	WCPFC	2,708	5x5	MON	267	8	5x5	MON	1	145	...	...	...	...
L	TW	2003	WCPFC	2,848	5x5	MON	376	797	5x5	MON	1	254	...	...	...	...
L	TW	2004	WCPFC	3,237	5x5	MON	349	271	5x5	MON	1	420	...	...	...	...
L	TW	2005	WCPFC	470	5x5	MON	325	652	5x5	MON	1	84	...	...	...	...
L	TW	2006	WCPFC	231	5x5	MON	254	456	5x5	MON	1	130	...	...	...	...
L	TW	2007	WCPFC	82	5x5	MON	225	84	5x5	MON	1	42	...	...	...	...
L	TW	2008	WCPFC	189	5x5	MON	198	76	10x20	QTR	2	944	5x5	MON	1	249	
L	TW	2009	WCPFC	572	5x5	MON	160	287	10x20	QTR	2	547	5x5	MON	1	64	
L	TW	2010	WCPFC	252	5x5	MON	213	316	10x20	QTR	2	962	5x5	MON	1	69	
L	TW	2011	WCPFC	390	5x5	MON	298	585	10x20	QTR	2	1,037	5x5	MON	1	508	
L	TW	2012	WCPFC	428	5x5	MON	369	359	5x5	MON	1	2,324	...	...	...	...
L	TW	2013	WCPFC	454	5x5	MON	389	292	5x5	MON	1	2,594	...	...	...	...
L	TW	2014	WCPFC	664	5x5	MON	347	1,023	5x5	MON	1	2,673	...	...	...	...
L	TW	2015	WCPFC	247	5x5	MON	397	696	5x5	MON	1	1,325	10x20	QTR	2	527	
L	TW	2016	WCPFC	385	5x5	MON	587	2,962	5x5	MON	1	5,492	10x20	QTR	2	132	
L	TW	2017	WCPFC	732	5x5	MON	808	6,946	5x5	MON	1	11,664	...	...	...	...
L	TW	2018	WCPFC	469	5x5	MON	702	7,123	5x5	MON	1	4,003	...	...	...	...
L	TW	2019	WCPFC	931	5x5	MON	906	8,611	5x5	MON	1	10,551	...	...	...	...
L	TW	2020	WCPFC	774	5x5	MON	855	8,211	5x5	MON	1	9,614	...	...	...	...
L	TW	2021	WCPFC	690	5x5	MON	939	9,090	5x5	MON	1	8,416	...	...	...	...
L	TW	2022	WCPFC	728	5x5	MON	992	10,697	5x5	MON	1	7,506	...	...	...	...
L	TW	2023	WCPFC	537	5x5	MON	873	8,109	5x5	MON	1	3,301	...	...	...	...
L	US	2003	WCPFC	...	...	...	...	...	10x20	MON	1	28	5x5	MON	1	12
L	US	2004	WCPFC	...	...	...	...	...	10x20	MON	1	24	5x5	MON	1	3
L	US	2005	WCPFC	...	...	...	...	...	5x5	MON	1	9	10x20	MON	1	4
L	US	2006	WCPFC	...	...	...	...	...	5x5	MON	1	66	10x20	MON	1	30
L	US	2007	WCPFC	...	...	...	...	...	10x20	MON	1	138	5x5	MON	1	77
L	US	2008	WCPFC	...	...	...	...	...	10x20	MON	1	91	5x5	MON	1	42
L	US	2009	WCPFC	...	...	...	...	...	5x5	MON	1	81	...	...	...	...
L	US	2010	WCPFC	...	...	...	...	...	10x20	MON	1	43	5x5	MON	1	29
L	US	2011	WCPFC	...	...	...	...	...	10x20	MON	1	74	...	...	...	...
L	US	2014	WCPFC	...	...	...	...	...	10x20	MON	1	41	...	...	...	...
L	US	2017	WCPFC	...	...	...	...	...	10x20	MON	1	1	...	...	...	...
L	US-AS	2000	WCPFC	12	5x5	MON	15	588	5x5	MON	1	12	...	...	...	...
L	US-AS	2001	WCPFC	64	5x5	MON	30	1,630	5x5	MON	1	141	10x20	MON	1	47	
L	US-AS	2002	WCPFC	129	5x5	MON	44	3,621	5x5	MON	1	830	10x20	MON	1	319	
L	US-AS	2003	WCPFC	207	5x5	MON	55	4,208	5x5	MON	1	314	10x20	MON	1	283	
L	US-AS	2004	WCPFC	225	5x5	MON	53	3,065	5x5	MON	1	351	10x20	MON	1	230	
L	US-AS	2005	WCPFC	142	5x5	MON	57	269	5x5	MON	1	331	10x20	MON	1	258	
L	US-AS	2006	WCPFC	190	5x5	MON	50	...	5x5	MON	1	1,798	10x20	MON	1	346	

(continued)

Aggregate Data																Operational Data				Length Data												
				Annual Catch Estimate				Catch recs				Catch recs				Size int		Samples		Area		Time		Size int		Samples						
Gear	Flag	Year	Region	Area	Time	Catch recs		Area	Time	Catch recs		Area	Time	Samples	Area	Time	Catch recs		Area	Time	Catch recs		Area	Time	Catch recs		Area	Time				
L	US-AS	2010	WCPFC	122	5x5	MON	91	3,384	5x5	MON	1	3,761	10x20	MON	1	417	5x5	MON	1	4,827	10x20	MON	1	196	5x5	MON	1	3,620	10x20	MON	1	61
L	US-AS	2011	WCPFC	142	5x5	MON	124	2,753	5x5	MON	1	4,827	10x20	MON	1	196	5x5	MON	1	3,620	10x20	MON	1	61	5x5	MON	1	1,680	10x20	MON	1	150
L	US-AS	2012	WCPFC	374	5x5	MON	131	3,331	5x5	MON	1	1,083	...	...	...	...	5x5	MON	1	691	...	...	...	...	5x5	MON	1	1,083	...	...	...
L	US-AS	2013	WCPFC	74	5x5	MON	93	2,140	5x5	MON	1	869	...	...	...	...	5x5	MON	1	1,083	...	...	...	...	5x5	MON	1	869	...	...	...
L	US-AS	2014	WCPFC	125	5x5	MON	47	2,015	5x5	MON	1	34	...	...	...	...	5x5	MON	1	34	...	...	...	...	5x5	MON	1	34	...	...	...
L	US-AS	2015	WCPFC	78	5x5	MON	79	1,856	5x5	MON	1	34	...	...	...	...	5x5	MON	1	34	...	...	...	...	5x5	MON	1	34	...	...	...
L	US-AS	2016	WCPFC	120	5x5	MON	96	1,682	5x5	MON	1	247	...	...	...	...	5x5	MON	1	247	...	...	...	...	5x5	MON	1	247	...	...	...
L	US-AS	2017	WCPFC	106	5x5	MON	102	1,563	5x5	MON	1	238	...	...	...	...	5x5	MON	1	238	...	...	...	...	5x5	MON	1	238	...	...	...
L	US-AS	2018	WCPFC	91	5x5	MON	89	1,504	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-AS	2019	WCPFC	97	5x5	MON	105	1,331	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-AS	2020	WCPFC	78	5x5	MON	99	904	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-AS	2021	WCPFC	55	5x5	MON	86	1,019	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-AS	2022	WCPFC	49	5x5	MON	86	889	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-AS	2023	WCPFC	51	5x5	MON	64	1,035	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...	...	5x5	MON	1	417	...	...	...
L	US-GU	1995	WCPFC	...	5x5	MON	3	17	5x5	MON	1	4	...	...	...	...	5x5	MON	1	10	...	...	...	...	5x5	MON	1	4	...	...	...
L	US-GU	1996	WCPFC	...	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...
L	US-GU	1997	WCPFC	...	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...
L	US-GU	1998	WCPFC	...	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...	...	5x5	MON	1	4	...	...	...
L	US-HW	2003	WCPFC	207	5x5	MON	130	...	5x5	MON	1	844	...	...	...	...	5x5	MON	1	6,889	...	...	...	...	5x5	MON	1	4,931	...	...	...
L	US-HW	2004	WCPFC	130	5x5	MON	153	...	5x5	MON	1	2,041	...	...	...	...	5x5	MON	1	1,980	...	...	...	...	5x5	MON	1	1,583	...	...	...
L	US-HW	2005	WCPFC	90	5x5	MON	152	...	5x5	MON	1	2,442	...	...	...	...	5x5	MON	1	3,263	...	...	...	...	5x5	MON	1	2,800	...	...	...
L	US-HW	2006	WCPFC	93	5x5	MON	178	...	5x5	MON	1	2,247	...	...	...	...	5x5	MON	1	2,366	...	...	...	...	5x5	MON	1	2,989	...	...	...
L	US-HW	2007	WCPFC	91	5x5	MON	189	4,031	5x5	MON	1	3,191	...	...	...	...	5x5	MON	1	2,534	...	...	...	...	5x5	MON	1	3,191	...	...	...
L	US-HW	2008	WCPFC	117	5x5	MON	179	4,948	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2009	WCPFC	117	5x5	MON	220	4,789	5x5	MON	1	2,442	...	...	...	...	5x5	MON	1	1,995	...	...	...	...	5x5	MON	1	2,442	...	...	...
L	US-HW	2010	WCPFC	114	5x5	MON	180	3,877	5x5	MON	1	2,247	...	...	...	...	5x5	MON	1	2,366	...	...	...	...	5x5	MON	1	2,247	...	...	...
L	US-HW	2011	WCPFC	158	5x5	MON	173	5,985	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,583	...	...	...	...	5x5	MON	1	1,583	...	...	...
L	US-HW	2012	WCPFC	115	5x5	MON	177	6,488	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2013	WCPFC	181	5x5	MON	197	6,248	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,995	...	...	...	...	5x5	MON	1	1,995	...	...	...
L	US-HW	2014	WCPFC	167	5x5	MON	191	5,142	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2015	WCPFC	176	5x5	MON	174	5,057	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2016	WCPFC	186	5x5	MON	187	6,688	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2017	WCPFC	156	5x5	MON	194	5,414	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2018	WCPFC	105	5x5	MON	212	4,607	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2019	WCPFC	198	5x5	MON	244	7,453	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2020	WCPFC	125	5x5	MON	214	5,342	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2021	WCPFC	128	5x5	MON	198	5,016	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2022	WCPFC	84	5x5	MON	200	3,906	5x5	MON	1	2,008	...	...	...	...	5x5	MON	1	1,669	...	...	...	...	5x5	MON	1	1,669	...	...	...
L	US-HW	2023	WCPFC	29	5x5	MON	192	1,071	5x5	MON	1	1,071	...	...	...	...	5x5	MON	1	18	...	...	...	...	5x5	MON	1	18	...	...	...
L	WF	2022	WCPFC	...	...	...	...	...	5x5	MON	1	49	...	...	...	...	5x5	MON	1	63	...	...	...	...	5x5	MON	1	63	...	...	...
L	WF	2023	WCPFC	...	...	...	...	...	5x5	MON	1	63	...	...	...	...	5x5	MON	1	63	...	...	...	...	5x5	MON	1	63	...	...	...
L	WS	1999	WCPFC	799	5x5	MON	44	1,523	5x5	MON	1	20	...	...	...	...	5x5	MON	1	21	...	...	...	...	5x5	MON	1	21	...	...	...
L	WS	2000	WCPFC	25	5x5	MON	9	249	5x5	MON	1	162	...	...	...	...	5x5	MON	1	162	...	...	...	...	5x5	MON	1	162	...	...	...
L	WS	2001	WCPFC	389	5x5	MON	28	228	5x5	MON	1	3,562	...	...	...	...	5x5	MON	1	3,562	...	...	...	...	5x5	MON	1	3,562	...	...	...
L	WS	2002	WCPFC	198	5x5	MON	43	270	5x5	MON	1	3,769	...	...	...	...	5x5	MON	1	3,769	...	...	...	...	5x5	MON	1	3,769	...	...	...
L	WS	2003	WCPFC	288	5x5	MON	50	157	5x5	MON	1	4,012	...	...	...	...	5x5	MON	1	4,012	...	...	...	...	5x5	MON	1	4,012	...	...	...
L	WS	2004	WCPFC	186	5x5	MON	42	167	5x5	MON	1	1,518	...	...	...	...	5x5	MON	1	1,518	...	...	...	...	5x5	MON	1	1,518	...	...	...
L	WS	2005	WCPFC	100	5x5	MON	24	56	5x5																							

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data						
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	
				Area	Time											
L	AU	1988	WCPFC	47	5x5	MON	15	33	...	...	...	...	...	...	...	...
L	AU	1998	WCPFC	15	5x5	MON	74	533	...	...	...	...	...	...	...	...
L	AU	1999	WCPFC	15	5x5	MON	56	250	...	...	...	...	...	...	...	...
L	AU	2000	WCPFC	15	5x5	MON	44	120	...	...	...	...	...	...	...	...
L	AU	2016	WCPFC	3	5x5	MON	78	251	...	...	...	...	...	...	...	...
L	AU	2017	WCPFC	13	5x5	MON	76	610	...	...	...	...	...	...	...	...
L	AU	2018	WCPFC	6	5x5	MON	72	401	...	...	...	...	...	...	...	...
L	AU	2019	WCPFC	7	5x5	MON	80	536	...	...	...	...	...	...	...	...
L	AU	2020	WCPFC	5	5x5	MON	78	406	...	...	...	...	...	...	...	...
L	AU	2021	WCPFC	6	5x5	MON	83	401	...	...	...	...	...	...	...	...
L	AU	2022	WCPFC	18	5x5	MON	67	611	...	...	...	...	...	...	...	...
L	AU	2023	WCPFC	5	5x5	MON	63	278	...	...	...	...	...	...	...	...
L	CK	1994	WCPFC	...	5x5	MON	3	15	...	...	...	...	...	...	...	...
L	CK	2001	WCPFC	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
| L	CN	1992	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
| L	ES	2013	WCPFC	...	5x5	MON	1	2	...	...	...	...	...	...	...	...
| L	ES	2014	WCPFC	...	5x5	MON	3	11	...	...	...	...	...	...	...	...
| L	FJ	1991	WCPFC	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
| L	FJ	1992	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
| L	FJ	1998	WCPFC	9	5x5	MON	17	85	...	...	...	...	...	...	...	...
| L	FJ	2000	WCPFC	3	5x5	MON	5	6	...	...	...	...	...	...	...	...
| L	FM	2009	WCPFC	...	5x5	MON	10	16	...	...	...	...	...	...	...	...
| L	FM	2010	WCPFC	1	5x5	MON	16	33	...	...	...	...	...	...	...	...
| L	FM	2011	WCPFC	...	5x5	MON	2	6	...	...	...	...	...	...	...	...
| L	ID	2016	WCPFC	3,998	5x5	MON	72	...	...	...	...	...	...	...	...	...
| L	ID	2017	WCPFC	267	5x5	MON	72	...	...	...	...	...	...	...	...	...
| L	ID	2018	WCPFC	2,289	5x5	MON	72	...	...	...	...	...	...	...	...	...
| L	ID	2020	WCPFC	88	5x5	MON	72	...	...	...	...	...	...	...	...	...
| L	ID	2021	WCPFC	11	5x5	MON	72	...	...	...	...	...	...	...	...	...
| L	ID	2023	WCPFC	886	5x5	MON	72	35	...	...	...	...	...	...	...	...
| L	JP	1950	WCPFC	...	5x5	MON	13	...	...	...	...	...	...	...	...	...
| L	JP	1951	WCPFC	...	5x5	MON	35	...	...	...	...	...	...	...	...	...
| L	JP	1952	WCPFC	...	5x5	MON	160	...	...	...	...	...	...	...	...	...
| L	JP	1953	WCPFC	...	5x5	MON	198	...	...	...	...	...	...	...	...	...
| L	JP	1954	WCPFC	...	5x5	MON	263	...	...	...	...	...	...	...	...	...
| L	JP	1955	WCPFC	...	5x5	MON	428	...	...	...	...	...	...	...	...	...
| L	JP	1956	WCPFC	...	5x5	MON	369	...	...	...	...	...	...	...	...	...
| L	JP	1957	WCPFC	...	5x5	MON	393	...	...	...	...	...	...	...	...	...
| L	JP	1958	WCPFC	...	5x5	MON	449	...	...	...	...	...	...	...	...	...
| L	JP	1959	WCPFC	...	5x5	MON	446	...	...	...	...	...	...	...	...	...
| L	JP	1960	WCPFC	...	5x5	MON	421	1	...	...	...	...	...	...	...	...
| L	JP	1961	WCPFC	...	5x5	MON	428	...	...	...	...	...	...	...	...	...
| L	JP	1962	WCPFC	...	5x5	MON	367	...	...	...	...	...	...	...	...	...
| L	JP	1963	WCPFC	...	5x5	MON	874	1,710	...	...	...	...	...	...	...	...
| L	JP	1964	WCPFC	...	5x5	MON	901	1,280	...	...	...	...	...	...	...	...
| L	JP	1965	WCPFC	...	5x5	MON	1,385	1,534	...	...	...	...	...	...	...	...
| L	JP	1966	WCPFC	...	5x5	MON	1,454	1,695	...	...	...	...	...	...	...	...
| L	JP	1967	WCPFC	...	5x5	MON	1,402	1,854	...	...	...	...	...	...	...	...
| L	JP	1968	WCPFC	...	5x5	MON	1,219	795	...	...	...	...	...	...	...	...
| L	JP	1969	WCPFC	53	5x5	MON	1,931	574	...	...	...	...	...	...	...	...
| L	KI	1995	WCPFC	...	5x5	MON	4	7	...	...	...	...	...	...	...	...
| L	KI	2014	WCPFC	...	5x5	MON	21	104	...	...	...	...	...	...	...	...
| L	KR	1975	WCPFC	10	5x5	MON	121	2,221	...	...	...	...	...	...	...	...
| L	KR	1976	WCPFC	162	5x5	MON	333	2,053	...	...	...	...	...	...	...	...
| L	KR	1977	WCPFC	111	5x5	MON	366	1,885	...	...	...	...	...	...	...	...
| L	KR	1978	WCPFC	110	5x5	MON	266	2,128	...	...	...	...	...	...	...	...
| L	KR	1980	WCPFC	58	5x5	MON	381	944	...	...	...	...	...	...	...	...
| L	KR	1981	WCPFC	37	5x5	MON	316	1,543	...	...	...	...	...	...	...	...
| L	KR	1982	WCPFC	41	5x5	MON	310	1,223	...	...	...	...	...	...	...	...
| L	KR	1983	WCPFC	28	5x5	MON	193	835	...	...	...	...	...	...	...	...
| L	KR	1984	WCPFC	29	5x5	MON	275	902	...	...	...	...	...	...	...	...
| L	KR	1985	WCPFC	36	5x5	MON	285	1,048	...	...	...	...	...	...	...	...
| L	KR	1986	WCPFC	29	5x5	MON	198	1,286	...	...	...	...	...	...	...	...
| L	KR	1987	WCPFC	25	5x5	MON	279	916	...	...	...	...	...	...	...	...
| L	KR	1988	WCPFC	30	5x5	MON	293	695	...	...	...	...	...	...	...	...
| L	KR	1989	WCPFC	13	5x5	MON	212	644	...	...	...	...	...	...	...	...
| L	KR	1990	WCPFC	12	5x5	MON	226	306	...	...	...	...	...	...	...	...
| L	KR	1991	WCPFC	11	5x5	MON	254	113	...	...	...	...	...	...	...	...
| L	KR	1992	WCPFC	7	5x5	MON	152	5	...	...	...	...	...	...	...	...
| L	KR	1993	WCPFC	3	5x5	MON	96	4	...	...	...	...	...	...	...	...
| L	KR	1994	WCPFC	5	5x5	MON	76	46	...	...	...	...	...	...	...	...
| L	KR	1995	WCPFC	2	5x5	MON	64	5	...	...	...	...	...	...	...	...
| L	KR	1996	WCPFC	2	5x5	MON	66	3	...	...	...	...	...	...	...	...
| L	KR	1997	WCPFC	1	5x5	MON	52	2	...	...	...	...	...	...	...	...
| L	KR	2000	WCPFC	5	5x5	MON	64	...	...	...	...	...	...	...	...	...
| L	KR	2004	WCPFC	3	5x5	MON	56	3	...	...	...	...	...	...	...	...
| L	KR	2008	WCPFC	2	5x5	MON	30	10	...	...	...	...	...	...	...	...
| L	KR	2009	WCPFC	...	5x5	MON	58	60	...	...	...	...	...	...	...	...
| L	KR	2010	WCPFC	6	5x5	MON	114	112	...	...	...	...	...	...	...	...
| L	MH	2009	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
| L	MH	2012	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
| L	MH	2013	WCPFC	...	5x5	MON	2	2	...	...	...	...	...	...	...	...
| L	NU	2010	WCPFC	1	5x5	MON	4	8	...	...	...	...	...	...	...	...
| L	NZ	1990	WCPFC	...	5x5	MON	1	4	...	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data					
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time
L	NZ	1991	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...
L	NZ	1994	WCPFC	...	5x5	MON	4	11	...	...	...	...	...	...	...
L	NZ	2022	WCPFC	...	5x5	MON	12	24	...	...	...	...	...	...	...
L	NZ	2023	WCPFC	...	5x5	MON	7	9	...	...	...	...	...	...	...
L	PA	2016	WCPFC	...	5x5	MON	28	...	...	...	...	...	...	...	...
L	PA	2017	WCPFC	...	5x5	MON	63	...	...	...	...	...	...	...	...
L	PA	2018	WCPFC	...	5x5	MON	73	...	...	...	...	...	...	...	...
L	PA	2019	WCPFC	...	5x5	MON	53	...	...	...	...	...	...	...	...
L	PA	2020	WCPFC	...	5x5	MON	28	...	...	...	...	...	...	...	...
L	PA	2022	WCPFC	...	5x5	MON	10	...	...	...	...	...	...	...	...
L	PF	1992	WCPFC	7	5x5	MON	2	2	...	...	...	...	...	...	...
L	PF	1994	WCPFC	43	5x5	MON	34	108	...	...	...	...	...	...	...
L	PF	1995	WCPFC	10	5x5	MON	40	260	...	...	...	...	...	...	...
L	PF	1996	WCPFC	26	5x5	MON	45	294	...	...	...	...	...	...	...
L	PF	1998	WCPFC	34	5x5	MON	56	1,017	...	...	...	...	...	...	...
L	PF	1999	WCPFC	103	5x5	MON	65	904	...	...	...	...	...	...	...
L	PF	2000	WCPFC	72	5x5	MON	78	1,386	...	...	...	...	...	...	...
L	PF	2001	WCPFC	91	5x5	MON	59	693	...	...	...	...	...	...	...
L	PG	1993	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...
L	PG	1994	WCPFC	...	5x5	MON	3	3	...	...	...	...	...	...	...
L	PG	1995	WCPFC	...	5x5	MON	3	4	...	...	...	...	...	...	...
L	PG	1997	WCPFC	...	5x5	MON	2	8	...	...	...	...	...	...	...
L	PG	2009	WCPFC	...	5x5	MON	8	9	...	...	...	...	...	...	...
L	PG	2017	WCPFC	2	5x5	MON	26	164	...	...	...	...	...	...	...
L	PG	2019	WCPFC	6	5x5	MON	27	60	...	...	...	...	...	...	...
L	PG	2020	WCPFC	...	5x5	MON	4	6	...	...	...	...	...	...	...
L	PG	2022	WCPFC	8	5x5	MON	48	465	...	...	...	...	...	...	...
L	PH	1970	WCPFC	1,072	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1971	WCPFC	1,147	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1972	WCPFC	1,260	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1973	WCPFC	1,415	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1974	WCPFC	1,579	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1975	WCPFC	1,697	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1976	WCPFC	1,539	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1977	WCPFC	2,725	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1978	WCPFC	2,665	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1979	WCPFC	2,004	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1980	WCPFC	315	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1981	WCPFC	440	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1982	WCPFC	530	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1983	WCPFC	546	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1984	WCPFC	527	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1985	WCPFC	735	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1986	WCPFC	590	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1987	WCPFC	2,019	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1988	WCPFC	1,531	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	1989	WCPFC	1,770	5x5	MON	48	...	...	...	...	...	...	...	...
L	PH	2013	WCPFC	...	5x5	MON	2	16	...	...	...	...	...	...	...
L	PH	2014	WCPFC	111	5x5	MON	48	...	...	...	...	...	...	...	...
L	PW	2018	WCPFC	6	5x5	MON	26	60	...	...	...	...	...	...	...
L	PW	2019	WCPFC	1	5x5	MON	26	84	...	...	...	...	...	...	...
L	SB	2010	WCPFC	236	5x5	MON	84	13	...	...	...	...	...	...	...
L	SB	2017	WCPFC	...	5x5	MON	40	344	...	...	...	...	...	...	...
L	SB	2020	WCPFC	49	5x5	MON	101	1,074	...	...	...	...	...	...	...
L	SB	2021	WCPFC	33	5x5	MON	84	1,069	...	...	...	...	...	...	...
L	SB	2022	WCPFC	72	5x5	MON	73	953	...	...	...	...	...	...	...
L	SN	2006	WCPFC	9	5x5	MON	2	6	...	...	...	...	...	...	...
L	SN	2007	WCPFC	...	5x5	MON	8	41	...	...	...	...	...	...	...
L	TO	1986	WCPFC	1	5x5	MON	10	52	...	...	...	...	...	...	...
L	TO	1987	WCPFC	1	5x5	MON	24	96	...	...	...	...	...	...	...
L	TO	1988	WCPFC	2	5x5	MON	19	83	...	...	...	...	...	...	...
L	TO	1989	WCPFC	1	5x5	MON	22	104	...	...	...	...	...	...	...
L	TO	1990	WCPFC	2	5x5	MON	23	102	...	...	...	...	...	...	...
L	TO	1991	WCPFC	2	5x5	MON	25	107	...	...	...	...	...	...	...
L	TO	1992	WCPFC	2	5x5	MON	26	118	...	...	...	...	...	...	...
L	TO	1993	WCPFC	...	5x5	MON	7	13	...	...	...	...	...	...	...
L	TO	1994	WCPFC	3	5x5	MON	28	170	...	...	...	...	...	...	...
L	TV	2010	WCPFC	...	5x5	MON	3	8	...	...	...	...	...	...	...
L	TV	2011	WCPFC	...	5x5	MON	13	26	...	...	...	...	...	...	...
L	TV	2012	WCPFC	...	5x5	MON	2	3	...	...	...	...	...	...	...
L	TV	2013	WCPFC	...	5x5	MON	15	93	...	...	...	...	...	...	...
L	TV	2014	WCPFC	...	5x5	MON	34	228	...	...	...	...	...	...	...
L	TV	2015	WCPFC	6	5x5	MON	45	255	...	...	...	...	...	...	...
L	TV	2020	WCPFC	5	5x5	MON	24	119	...	...	...	...	...	...	...
L	TV	2021	WCPFC	6	5x5	MON	10	65	...	...	...	...	...	...	...
L	TV	2022	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...
L	TW	1959	WCPFC	...	5x5	MON	89	...	...	...	...	...	...	...	...
L	TW	1960	WCPFC	...	5x5	MON	89	...	...	...	...	...	...	...	...
L	TW	1961	WCPFC	...	5x5	MON	89	...	...	...	...	...	...	...	...
L	TW	1962	WCPFC	...	5x5	MON	89	...	...	...	...	...	...	...	...
L	TW	1963	WCPFC	...	5x5	MON	89	...	...	...	...	...	...	...	...
L	TW	1964	WCPFC	5	5x5	MON	89	190	...	...	...	...	...	...	...
L	TW	1966	WCPFC	52	5x5	MON	89	1,351	...	...	...	...	...	...	...
L	TW	1967	WCPFC	124	5x5	MON	174	2,120	...	...	...	...	...	...	...
L	TW	1968	WCPFC	82	5x5	MON	146	1,341	...	...	...	...	...	...	...
L	TW	1969	WCPFC	77	5x5	MON	113	1,075	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Aggregate Data			Operational Data			Length Data						
				Annual Catch Estimate		Area	Time	Catch recs	Catch recs	Area	Time	Size int	Samples	Area	Time	
				Estimate	Area											
L	TW	1970	WCPFC	169	5x5	MON	122	2,593	...	...	...	...	...	...	...	...
L	TW	1971	WCPFC	175	5x5	MON	159	1,777	...	...	...	...	...	...	...	...
L	TW	1972	WCPFC	128	5x5	MON	116	1,247	...	...	...	...	...	...	...	...
L	TW	1973	WCPFC	300	5x5	MON	89	1,532	...	...	...	...	...	...	...	...
L	TW	1974	WCPFC	350	5x5	MON	89	1,055	...	...	...	...	...	...	...	...
L	TW	1975	WCPFC	135	5x5	MON	114	511	...	...	...	...	...	...	...	...
L	TW	1976	WCPFC	225	5x5	MON	89	527	...	...	...	...	...	...	...	...
L	TW	1977	WCPFC	184	5x5	MON	158	591	...	...	...	...	...	...	...	...
L	TW	1978	WCPFC	370	5x5	MON	208	576	...	...	...	...	...	...	...	...
L	TW	1979	WCPFC	127	5x5	MON	199	241	...	...	...	...	...	...	...	...
L	TW	1980	WCPFC	179	5x5	MON	197	92	...	...	...	...	...	...	...	...
L	TW	1981	WCPFC	233	5x5	MON	210	93	...	...	...	...	...	...	...	...
L	TW	1982	WCPFC	368	5x5	MON	182	676	...	...	...	...	...	...	...	...
L	TW	1983	WCPFC	396	5x5	MON	151	140	...	...	...	...	...	...	...	...
L	TW	1984	WCPFC	241	5x5	MON	112	185	...	...	...	...	...	...	...	...
L	TW	1985	WCPFC	215	5x5	MON	102	198	...	...	...	...	...	...	...	...
L	TW	1986	WCPFC	690	5x5	MON	114	595	...	...	...	...	...	...	...	...
L	TW	1987	WCPFC	208	5x5	MON	106	185	...	...	...	...	...	...	...	...
L	TW	1988	WCPFC	249	5x5	MON	110	687	...	...	...	...	...	...	...	...
L	TW	1989	WCPFC	607	5x5	MON	94	266	...	...	...	...	...	...	...	...
L	TW	1990	WCPFC	202	5x5	MON	89	234	...	...	...	...	...	...	...	...
L	TW	1991	WCPFC	647	5x5	MON	99	290	...	...	...	...	...	...	...	...
L	TW	1992	WCPFC	216	5x5	MON	98	57	...	...	...	...	...	...	...	...
L	US	2013	WCPFC	25	5x5	MON	13	...	...	...	...	...	...	...	...	...
L	US-AS	1996	WCPFC	...	5x5	MON	2	4	...	...	...	...	...	...	...	...
L	US-AS	1997	WCPFC	2	5x5	MON	7	79	...	...	...	...	...	...	...	...
L	US-AS	1998	WCPFC	10	5x5	MON	12	423	...	...	...	...	...	...	...	...
L	US-AS	1999	WCPFC	22	5x5	MON	12	707	...	...	...	...	...	...	...	...
L	US-HW	1994	WCPFC	54	5x5	MON	24	...	...	...	...	...	...	...	...	...
L	US-HW	1995	WCPFC	103	5x5	MON	126	...	...	...	...	...	...	...	...	...
L	US-HW	1996	WCPFC	41	5x5	MON	110	...	...	...	...	...	...	...	...	...
L	US-HW	1997	WCPFC	106	5x5	MON	129	...	...	...	...	...	...	...	...	...
L	US-HW	1998	WCPFC	76	5x5	MON	139	...	...	...	...	...	...	...	...	...
L	US-HW	1999	WCPFC	99	5x5	MON	135	...	...	...	...	...	...	...	...	...
L	US-HW	2000	WCPFC	93	5x5	MON	140	...	...	...	...	...	...	...	...	...
L	US-HW	2001	WCPFC	211	5x5	MON	157	...	...	...	...	...	...	...	...	...
L	US-HW	2002	WCPFC	127	5x5	MON	152	...	...	...	...	...	...	...	...	...
L	US-MC	1997	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	US-MC	2017	WCPFC	...	5x5	MON	3	7	...	...	...	...	...	...	...	...
L	VN	2020	WCPFC	10	5x5	MON	102	...	...	...	...	...	...	...	...	...
L	VN	2021	WCPFC	630	5x5	MON	108	...	...	...	...	...	...	...	...	...
L	VN	2022	WCPFC	67	5x5	MON	88	...	...	...	...	...	...	...	...	...
L	VN	2023	WCPFC	61	5x5	MON	74	...	...	...	...	...	...	...	...	...
L	VU	1996	WCPFC	...	5x5	MON	1	1	...	...	...	...	...	...	...	...
L	VU	2020	WCPFC	123	5x5	MON	317	2,165	...	...	...	...	...	...	...	...
L	VU	2021	WCPFC	204	5x5	MON	369	3,257	...	...	...	...	...	...	...	...
L	VU	2022	WCPFC	83	5x5	MON	300	1,877	...	...	...	...	...	...	...	...
L	WS	1993	WCPFC	3	5x5	MON	12	...	...	...	...	...	...	...	...	...
L	WS	1994	WCPFC	8	5x5	MON	12	...	...	...	...	...	...	...	...	...
L	WS	1995	WCPFC	12	5x5	MON	12	...	...	...	...	...	...	...	...	...
L	WS	1998	WCPFC	943	5x5	MON	49	1,255	...	...	...	...	...	...	...	...
L	WS	2021	WCPFC	80	5x5	MON	48	563	...	...	...	...	...	...	...	...
L	BZ	2004	WCPFC	22	...	...	...	...	...	...	...	...	...	...	...	...
L	BZ	2005	WCPFC	20	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2006	WCPFC	602	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2007	WCPFC	602	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2009	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2010	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	ES	2011	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	JP	2023	WCPFC	45	...	...	...	1,035	...	...	...	...	...	...	...	...
L	NR	2003	WCPFC	2	...	...	...	...	...	...	...	...	...	...	...	...
L	PF	1991	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	PF	1993	WCPFC	25	...	...	...	...	...	...	...	...	...	...	...	...
L	TW	1965	WCPFC	11	...	...	...	415	...	...	...	...	...	...	...	...
L	US-HW	1950	WCPFC	34	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1951	WCPFC	12	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1952	WCPFC	54	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1953	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1955	WCPFC	157	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1957	WCPFC	17	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1959	WCPFC	33	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1962	WCPFC	4	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1968	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1980	WCPFC	22	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1983	WCPFC	3	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1984	WCPFC	4	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1985	WCPFC	5	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1986	WCPFC	6	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1987	WCPFC	1	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1988	WCPFC	8	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1989	WCPFC	10	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1990	WCPFC	5	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1991	WCPFC	39	...	...	...	...	...	...	...	...	...	...	...	...

(continued)

Gear	Flag	Year	Region	Annual Catch Estimate			Aggregate Data			Operational Data			Length Data					
				Area	Time	Catch recs	Area	Time	Size int	Samples	Area	Time	Size int	Samples	Area	Time	Size int	Samples
L	US-HW	1992	WCPFC	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L	US-HW	1993	WCPFC	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L	KR	1963	WCPFC	...	...	...	462	...	...	...	...	...	...	...	...	...	...	...
L	KR	1964	WCPFC	...	...	...	276	...	...	...	...	...	...	...	...	...	...	...
L	KR	1965	WCPFC	...	...	...	1,079	...	...	...	...	...	...	...	...	...	...	...
L	KR	1966	WCPFC	...	...	...	2,374	...	...	...	...	...	...	...	...	...	...	...
L	KR	1967	WCPFC	...	...	...	3,162	...	...	...	...	...	...	...	...	...	...	...
L	KR	1968	WCPFC	...	...	...	2,736	...	...	...	...	...	...	...	...	...	...	...
L	KR	1969	WCPFC	...	...	...	3,743	...	...	...	...	...	...	...	...	...	...	...
L	KR	1970	WCPFC	...	...	...	5,387	...	...	...	...	...	...	...	...	...	...	...
L	KR	1971	WCPFC	...	...	...	5,365	...	...	...	...	...	...	...	...	...	...	...
L	KR	1972	WCPFC	...	...	...	4,926	...	...	...	...	...	...	...	...	...	...	...
L	KR	1973	WCPFC	...	...	...	5,988	...	...	...	...	...	...	...	...	...	...	...
L	KR	1974	WCPFC	...	...	...	3,820	...	...	...	...	...	...	...	...	...	...	...
L	KR	1979	WCPFC	...	...	...	964	...	...	...	...	...	...	...	...	...	...	...
L	PA	1981	WCPFC	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...
L	PA	1982	WCPFC	...	...	...	18	...	...	...	...	...	...	...	...	...	...	...
L	PA	1983	WCPFC	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
L	PA	1984	WCPFC	...	...	...	31	...	...	...	...	...	...	...	...	...	...	...
L	SB	2008	WCPFC	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...
L	SB	2009	WCPFC	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...
L	TO	1979	WCPFC	...	...	...	26	...	...	...	...	...	...	...	...	...	...	...