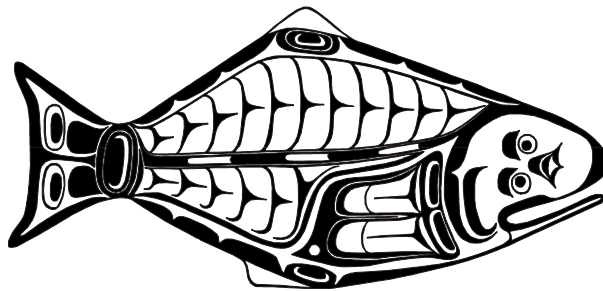


Commercial halibut catch and effort for IPHC statistical areas on the B.C. coast (Regulatory Area 2B).



International Pacific Halibut Commission
Date: February 10, 2005

The following report summarizes commercial catch and catch per unit effort (CPUE) of Pacific Halibut by IPHC statistical areas for the years 1980- 2004. It was compiled for distribution by the Department of Fisheries and Oceans, Canada.

Caveats

1. The catch and effort information is based on IPHC statistical areas (60 nm). These areas often do not correspond to DFO subareas. Catch data is assigned to statistical areas using (in order of priority); commercial logbook data (collected by the IPHC), validation logs/fish tickets, or the landing port. Statistical areas are the highest level of resolution at which information is released to the public.
2. The IPHC cannot supply assessment information on any finer scale than Area 2B (B.C. as a whole) because that is the level of resolution of the stock assessment. The halibut resource is assessed as a coastwide spawning stock. Surveys are conducted for stock assessment in each of the IPHC major areas (e.g. 2B) but because halibut undertake extensive spawning migrations annually, local production is not generated locally (most B.C. halibut spawn in the Gulf of Alaska and southeast Alaska; similarly many Washington and Oregon halibut probably spawn in B.C.).
3. Information is also available from our standardized stock assessment setline surveys on a station by station basis. This is the only high-resolution spatial data that is available. It is distributed in file format as well as a hard copy.

Statistical Areas

IPHC statistical areas are created from a base latitude/longitude point. The base points are 60 nautical miles apart running up the entire coast from California to the end of the Aleutian Chain. Each of the statistical areas is separated from adjacent areas by a compass bearing drawn west from the base point out beyond fishable depth and east to the mainland. They are also separated east and west by connecting the base points up the coast. In many cases, for logistic reasons, land masses were used as one side of a border even though the north-south baseline would be slightly west (ie Graham and

Moresby Islands). In general the statistical areas ending in "0" are outer coast or outside of the base point and those ending in "1" or higher are inside waters or inside of the base point. For various reasons some of the fishing grounds have been subdivided further. Appendix I instructs users on how to separate each statistical area used the compass bearings. Appendix II lists verbal descriptions of the statistical areas. Appendix III shows Figures 1-4 with all the statistical areas plotted on nautical charts.

Canadian catch and effort by IPHC statistical area, 1980-2004.

Columns in the table are:

1. Year (Note: 1980 and 1981 data are currently being validated and are subject to change).
2. IPHC statistical area, with a number of small and deprecated ones mapped to larger ones, namely 101 -> 102, 111 -> 110, 113 -> 112, 61 -> 60, 71 -> 70.
3. Number of vessels that made one or more landings of fish from each statistical area. Confidentiality prevents the release of landings with less than 3 vessels.
4. Number of landings with fish from each statistical area. A single trip will sometimes generate more than one landing per statistical area because of split sales or take-home fish.
5. Commercial landings in net pounds (headed and gutted). IPHC research catches are included. Catch is blank if the number of landings or vessels is less than 3.
6. Commercial catch per effort in net pounds per standard 100-hook skate, with all conventional and snap gear effort pooled. (In the IPHC assessment a simple coastwide average of conventional and snap gear CPUE is used.) Where there are fewer than 15 sets in the data for a statistical area, no CPUE is calculated and the value -1 appears in the table. CPUE is calculated from commercial fishing logbooks and though there may be many deliveries into a statistical area, the logbook information may be missing and the CPUE will have a -1 value.

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1980	100	1	-	-	-1
1980	92	3	3	2634	-1
1980	103	6	8	3485	-1
1980	122	7	9	4366	-1
1980	131	9	13	75278	-1
1980	114	11	21	49901	77
1980	81	13	29	13487	-1
1980	110	17	25	62563	-1
1980	70	17	32	86809	-1
1980	90	23	33	130986	-1
1980	135	26	37	217300	139
1980	60	28	50	73859	-1
1980	80	29	75	121740	-1
1980	120	32	44	127191	-1
1980	134	33	72	86029	99

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1980	130	53	86	437940	140
1980	132	56	111	618188	137
1980	91	82	133	456757	99
1980	133	82	191	464919	117
1980	112	84	166	1070327	124
1980	121	88	139	575623	111
1980	102	100	167	954590	142
1981	103	2	-	-	-1
1981	100	2	-	-	-1
1981	122	6	8	24312	-1
1981	114	8	10	50254	-1
1981	131	15	23	133362	110
1981	81	15	24	39399	-1
1981	110	18	26	59096	-1
1981	90	18	32	87316	-1
1981	120	23	33	132429	-1
1981	70	23	36	80171	-1
1981	80	24	44	62686	-1
1981	60	28	57	137341	-1
1981	135	30	56	344488	113
1981	134	40	81	182208	120
1981	130	45	88	307276	112
1981	132	51	104	547136	147
1981	102	67	109	772454	164
1981	91	77	177	444779	88
1981	112	80	143	908063	118
1981	133	91	204	596441	102
1981	121	92	152	709475	127
1982	103	1	-	-	-1
1982	92	1	-	-	-1
1982	100	1	-	-	-1
1982	81	6	9	13514	-1
1982	122	6	9	16238	-1
1982	110	7	13	68374	-1
1982	114	10	17	67631	-1
1982	131	14	22	190500	155
1982	120	14	23	111673	-1
1982	90	20	25	70299	-1
1982	80	22	39	54714	-1
1982	134	22	52	152403	89
1982	135	25	43	352870	130
1982	60	26	65	136561	-1
1982	70	28	37	104451	-1

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1982	130	35	75	260638	142
1982	132	38	92	567073	132
1982	121	55	88	425555	138
1982	91	61	125	437840	87
1982	112	70	128	952735	124
1982	102	104	192	916727	144
1982	133	113	235	614826	106
1983	100	1	-	-	-1
1983	103	1	-	-	-1
1983	122	2	-	-	-1
1983	114	3	5	25301	-1
1983	80	5	5	16302	-1
1983	110	5	5	34657	-1
1983	131	5	5	75133	-1
1983	90	12	15	73548	-1
1983	120	16	19	133707	-1
1983	60	16	29	88874	-1
1983	134	22	33	104672	70
1983	70	25	38	118712	-1
1983	142	25	41	428571	168
1983	130	45	66	524385	156
1983	132	48	70	534109	173
1983	121	51	63	408925	120
1983	112	55	77	797468	148
1983	91	66	117	453361	132
1983	102	82	131	757535	141
1983	133	106	187	829466	137
1984	92	1	-	-	-1
1984	100	1	-	-	-1
1984	103	2	-	-	-1
1984	122	5	16	38582	-1
1984	90	6	13	58861	-1
1984	114	6	18	55952	-1
1984	70	8	10	29650	-1
1984	131	8	15	286240	-1
1984	110	11	15	200066	-1
1984	81	12	22	38929	-1
1984	120	13	25	187063	-1
1984	134	20	52	129682	65
1984	135	21	53	464684	139
1984	80	24	58	84030	75
1984	60	25	62	219800	66
1984	132	44	121	747518	121

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1984	91	49	108	383096	79
1984	112	51	118	898114	97
1984	130	71	143	1066723	142
1984	121	86	194	1449575	129
1984	102	88	175	886975	123
1984	133	109	241	1748837	140
1985	100	2	-	-	-1
1985	103	4	4	15110	-1
1985	110	4	5	64456	-1
1985	81	6	9	10853	-1
1985	80	6	16	63145	-1
1985	114	7	10	49598	-1
1985	120	8	13	170330	-1
1985	90	10	14	83607	-1
1985	122	15	24	91411	78
1985	131	15	26	578587	149
1985	135	17	28	379431	169
1985	70	21	31	201802	-1
1985	60	23	53	179312	-1
1985	134	29	57	157083	60
1985	91	51	102	439202	84
1985	130	59	98	938064	130
1985	132	70	139	1049185	132
1985	102	85	153	1012168	133
1985	112	92	157	1769622	127
1985	133	99	181	1159147	96
1985	121	106	191	1894296	118
1986	100	2	-	-	-1
1986	103	3	3	5323	-1
1986	110	10	16	214957	84
1986	114	11	17	92974	64
1986	122	11	17	40472	52
1986	81	11	19	49970	-1
1986	120	14	20	173718	-1
1986	70	16	25	155655	-1
1986	90	18	26	205524	102
1986	131	18	31	414376	135
1986	134	21	38	131048	51
1986	80	25	37	231611	101
1986	135	29	51	563607	100
1986	60	39	76	462983	-1
1986	130	41	84	720674	113
1986	102	56	90	871153	108

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1986	91	58	107	598283	82
1986	132	63	126	912074	96
1986	112	90	150	1848804	96
1986	121	95	161	2006812	103
1986	133	109	195	1431548	85
1987	100	5	6	151527	-1
1987	122	5	6	12407	-1
1987	92	5	15	46618	-1
1987	103	9	13	42139	-1
1987	81	11	17	42953	-1
1987	110	11	18	166044	-1
1987	120	13	28	175213	-1
1987	131	19	31	473578	131
1987	90	20	40	274610	104
1987	70	21	26	194380	-1
1987	80	23	28	217287	-1
1987	114	24	39	191571	70
1987	60	30	47	313545	75
1987	135	31	53	609873	122
1987	134	34	72	195080	55
1987	130	51	130	1050040	165
1987	132	61	159	1254620	140
1987	91	82	155	925403	86
1987	102	90	152	1293756	112
1987	133	97	165	1087530	99
1987	121	97	176	1597587	101
1987	112	106	215	1930249	108
1988	100	2	-	-	-1
1988	92	4	5	6977	-1
1988	103	4	5	9259	-1
1988	81	7	9	40630	-1
1988	114	7	10	30628	-1
1988	120	8	19	186390	-1
1988	110	10	17	225981	-1
1988	122	11	20	57928	64
1988	60	15	25	159656	-1
1988	70	16	23	121409	-1
1988	80	17	35	221231	-1
1988	90	19	35	265070	106
1988	131	22	31	705507	135
1988	134	23	57	175813	66
1988	135	27	48	738443	128
1988	130	38	96	1027506	152

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1988	132	48	135	1097873	131
1988	91	59	122	869831	83
1988	102	76	124	1581787	133
1988	121	81	157	1377817	87
1988	133	90	197	1587907	94
1988	112	102	183	2312152	112
1989	92	2	-	-	-1
1989	100	3	4	39491	-1
1989	103	3	5	17682	-1
1989	81	7	12	42885	-1
1989	122	11	18	25146	-1
1989	120	12	20	206602	-1
1989	114	13	18	77053	70
1989	131	16	26	827712	198
1989	110	19	31	368081	151
1989	80	20	36	218911	-1
1989	70	21	28	305154	-1
1989	134	21	49	86356	42
1989	60	22	37	363624	-1
1989	90	24	33	380761	97
1989	135	28	46	520983	117
1989	130	32	67	825678	144
1989	132	48	115	722432	120
1989	91	49	79	549156	90
1989	121	71	119	974276	86
1989	102	80	122	1223390	112
1989	112	88	164	1707754	111
1989	133	92	183	935682	77
1990	100	1	-	-	-1
1990	81	2	-	-	-1
1990	92	3	3	7557	-1
1990	103	6	7	7094	-1
1990	114	6	7	39737	-1
1990	122	8	13	48320	-1
1990	120	11	16	147291	112
1990	60	14	26	159450	-1
1990	80	16	18	138238	-1
1990	90	18	20	133064	89
1990	110	18	23	279885	158
1990	131	24	31	571144	159
1990	134	26	36	93664	83
1990	70	30	40	277080	-1
1990	121	41	53	380436	99

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1990	135	44	61	787940	165
1990	130	45	81	788153	167
1990	132	53	93	845232	155
1990	91	59	100	480675	99
1990	133	62	79	473992	101
1990	102	86	129	1218569	159
1990	112	87	139	1649644	162
1991	122	13	23	54138	71
1991	120	14	16	96025	-1
1991	100	16	21	140986	189
1991	103	17	24	31079	50
1991	92	19	29	32002	47
1991	114	22	39	84704	63
1991	110	26	44	211643	162
1991	70	27	42	117392	84
1991	81	30	53	69560	61
1991	134	40	76	164955	76
1991	131	43	55	469214	212
1991	130	47	60	487203	196
1991	90	47	71	190015	86
1991	121	48	70	121634	80
1991	80	48	83	230838	87
1991	60	54	125	280051	64
1991	135	55	78	550977	152
1991	133	68	111	368551	107
1991	102	84	129	577619	117
1991	132	92	161	807750	168
1991	112	118	209	1341920	143
1991	91	131	286	762694	73
1992	120	12	18	70495	149
1992	103	16	25	32348	42
1992	122	17	30	45040	41
1992	114	20	30	57666	56
1992	81	21	55	83096	61
1992	100	22	31	319104	241
1992	92	22	41	55367	63
1992	70	23	39	123334	92
1992	135	36	51	395595	202
1992	134	36	67	149925	76
1992	60	36	73	152107	51
1992	80	40	87	300597	122
1992	110	41	61	392296	144
1992	131	47	64	799646	308

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1992	130	48	72	483249	180
1992	121	48	91	230867	119
1992	90	50	77	313967	115
1992	133	65	122	344783	117
1992	132	83	163	808987	171
1992	102	94	156	1000362	152
1992	112	97	165	953070	146
1992	91	113	230	513772	80
1993	103	8	14	15819	-1
1993	114	10	16	43683	90
1993	122	12	29	38247	41
1993	92	13	32	48524	74
1993	81	17	42	43961	35
1993	120	19	45	296627	158
1993	70	22	54	136299	78
1993	60	24	66	165699	64
1993	135	25	43	432365	301
1993	100	33	73	721220	271
1993	134	33	79	158072	63
1993	80	33	93	415678	145
1993	121	42	82	203433	104
1993	110	45	86	540495	131
1993	90	48	109	342530	139
1993	131	56	105	1283310	305
1993	132	60	108	813701	203
1993	130	64	132	1021707	203
1993	133	67	156	469589	117
1993	112	89	171	1328124	190
1993	102	90	192	1431200	202
1993	91	106	289	677080	87
1994	122	8	16	23826	43
1994	103	12	17	31419	-1
1994	92	13	26	34271	61
1994	70	13	33	53902	41
1994	120	14	22	144455	147
1994	114	15	27	72519	78
1994	60	15	52	165793	69
1994	81	17	46	43431	58
1994	134	26	91	166119	72
1994	121	31	56	178207	92
1994	110	33	47	257674	110
1994	135	33	69	539653	287
1994	80	35	88	475424	130

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1994	90	41	77	272764	131
1994	100	43	88	925632	276
1994	133	60	130	436875	130
1994	130	62	116	969623	183
1994	131	62	127	1378430	290
1994	132	72	138	681662	192
1994	91	74	178	449856	84
1994	102	75	152	1352457	240
1994	112	78	171	1256852	170
1995	122	8	14	23591	-1
1995	103	9	22	24619	56
1995	70	14	27	55228	71
1995	114	16	29	69514	93
1995	60	16	38	117797	64
1995	81	16	40	46633	55
1995	92	20	44	53485	67
1995	134	21	55	96446	68
1995	120	23	50	179426	142
1995	135	34	65	436217	302
1995	110	36	56	233282	126
1995	100	38	81	733591	232
1995	121	39	75	214506	132
1995	80	47	129	559305	139
1995	90	52	110	367488	142
1995	131	54	109	1246177	358
1995	133	56	144	496600	167
1995	130	58	134	852333	185
1995	132	71	168	760101	196
1995	91	72	194	375675	79
1995	102	82	205	1528684	229
1995	112	95	194	1152605	148
1996	122	6	8	10423	-1
1996	103	8	15	30137	95
1996	70	11	19	42953	-1
1996	92	15	26	49044	94
1996	60	15	42	157940	79
1996	120	16	29	82512	144
1996	114	17	30	124949	108
1996	110	19	39	191461	175
1996	81	22	70	80094	64
1996	134	26	57	135769	95
1996	121	31	61	176260	118
1996	90	43	108	271423	132

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1996	80	46	115	437707	159
1996	100	48	121	1005981	236
1996	135	50	105	648655	283
1996	133	55	156	552780	154
1996	130	57	137	871329	184
1996	132	62	162	791489	220
1996	131	65	134	1192831	272
1996	102	72	155	1076899	223
1996	112	74	162	1160778	170
1996	91	74	211	465657	82
1997	60	20	74	245731	80
1997	70	13	31	57886	79
1997	80	44	127	698955	183
1997	81	22	68	88338	75
1997	90	37	94	206941	109
1997	91	74	240	573404	101
1997	92	10	29	73239	97
1997	100	46	128	1144519	250
1997	102	70	156	1352876	224
1997	103	9	20	26406	83
1997	110	26	57	221303	179
1997	112	78	182	1499428	178
1997	114	13	33	103351	94
1997	120	14	25	135518	142
1997	121	31	64	249060	144
1997	122	10	23	55818	119
1997	130	56	122	665036	183
1997	131	72	157	1630697	285
1997	132	81	231	1337495	205
1997	133	68	163	623523	184
1997	134	25	81	232572	95
1997	135	63	140	1199168	293
1998	60	18	56	213194	104
1998	70	15	32	70504	96
1998	80	46	132	758501	175
1998	81	29	121	166244	83
1998	90	54	146	351719	119
1998	91	78	294	566650	93
1998	92	11	42	93483	102
1998	100	48	154	1400694	275
1998	102	72	238	1504768	210
1998	103	8	24	12895	86
1998	110	16	34	147615	183

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
1998	112	88	250	1874794	175
1998	114	18	45	133352	107
1998	120	8	11	26338	-1
1998	121	38	84	381403	150
1998	122	8	21	26328	80
1998	130	48	115	677993	208
1998	131	51	138	1491372	284
1998	132	80	237	1120171	195
1998	133	68	222	769109	147
1998	134	37	107	302468	98
1998	135	52	147	1082644	223
1999	60	17	63	251665	66
1999	70	19	40	152805	149
1999	80	50	180	999694	164
1999	81	19	70	88854	71
1999	90	36	107	286047	124
1999	91	67	196	342560	79
1999	92	13	38	67640	83
1999	100	41	136	1481983	245
1999	102	72	225	1477982	201
1999	103	7	16	18037	79
1999	110	19	36	129184	133
1999	112	84	212	1385602	153
1999	114	14	29	72772	104
1999	120	12	27	154242	166
1999	121	34	84	351617	124
1999	122	7	14	32226	-1
1999	130	44	112	798058	191
1999	131	58	147	2020620	280
1999	132	66	183	838683	163
1999	133	63	206	725206	130
1999	134	27	68	123649	72
1999	135	54	157	905681	180
2000	60	18	67	352765	93
2000	70	18	36	160136	90
2000	80	44	130	650648	148
2000	81	14	49	47357	63
2000	90	28	77	212390	117
2000	91	50	148	275023	98
2000	92	10	32	40680	63
2000	100	40	114	1137813	271
2000	102	81	213	1406577	194
2000	103	5	9	11384	-1

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
2000	110	8	12	48569	-1
2000	112	69	166	1178222	189
2000	114	18	39	71753	85
2000	120	15	29	206292	185
2000	121	30	67	245712	133
2000	122	9	24	29687	57
2000	130	49	125	718144	199
2000	131	51	140	1732670	302
2000	132	63	165	841907	196
2000	133	50	152	412097	126
2000	134	20	68	133103	61
2000	135	47	139	898221	205
2001	60	21	65	281780	73
2001	70	20	57	217410	86
2001	80	37	88	523713	113
2001	81	8	30	26705	68
2001	90	30	78	197821	126
2001	91	45	116	231587	92
2001	92	15	33	30524	79
2001	100	40	131	1095312	234
2001	102	79	230	1375501	223
2001	103	12	21	40757	-1
2001	110	16	30	139652	206
2001	112	68	188	1322909	205
2001	114	18	44	81512	72
2001	120	19	38	169653	195
2001	121	28	69	282457	130
2001	122	11	29	22961	46
2001	130	57	146	923984	234
2001	131	52	146	1515784	259
2001	132	60	174	704473	134
2001	133	46	110	236671	127
2001	134	17	39	63767	48
2001	135	52	128	802689	163
2002	60	28	80	298462	112
2002	70	21	68	296535	106
2002	80	32	101	583539	147
2002	81	6	12	16714	-1
2002	90	30	101	282655	132
2002	91	44	199	415079	110
2002	92	12	36	41418	87
2002	100	41	128	987204	203
2002	102	83	299	2117470	212

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
2002	103	8	10	30771	-1
2002	110	23	38	170188	174
2002	112	77	230	1836158	184
2002	114	17	32	57675	77
2002	120	19	42	241063	-1
2002	121	31	88	368970	163
2002	122	8	25	31790	54
2002	130	57	139	880051	184
2002	131	44	115	1458727	222
2002	132	53	161	711717	142
2002	133	44	144	467630	119
2002	134	13	32	55338	56
2002	135	45	123	724269	165
2003	60	22	80	329351	-1
2003	70	25	75	261272	-1
2003	80	37	103	458049	-1
2003	81	2	6	2490	-1
2003	90	42	104	242554	107
2003	91	40	175	387738	78
2003	92	16	34	33875	34
2003	100	50	137	1043871	215
2003	102	84	274	1941339	189
2003	103	10	15	16455	-1
2003	110	17	28	124502	237
2003	112	87	235	1729564	182
2003	114	17	45	64388	58
2003	120	17	35	267306	-1
2003	121	28	59	207278	179
2003	122	12	24	28918	-1
2003	130	58	169	1099392	186
2003	131	42	135	1684837	213
2003	132	52	169	638496	140
2003	133	40	124	356469	148
2003	134	22	46	50616	59
2003	135	44	122	820069	169
2004	60	19	82	346328	-1
2004	70	15	38	215119	-1
2004	80	27	66	442207	-1
2004	81	2	3	14469	-1
2004	90	33	106	711495	103
2004	91	9	21	40605	76
2004	92	7	13	11749	-1
2004	100	4	8	37203	187

Year	IPHC Stat area	No. of Vessels	No. of Landings	Pounds Landed	CPUE
2004	102	65	162	2400179	151
2004	103	5	6	5762	-1
2004	110	24	41	639357	244
2004	112	42	89	830172	175
2004	114	4	12	26036	57
2004	120	29	74	853622	-1
2004	121	20	42	271874	203
2004	122	4	7	22465	79
2004	130	34	98	1574393	138
2004	131	21	49	747595	221
2004	132	31	75	634557	133
2004	133	39	111	649232	126
2004	134	10	16	37427	52
2004	135	12	14	198918	178

Appendix I

Base of Statistical Lines for Area 2B (B.C.)			
Statistical Area	North Latitude	West Latitude	Direction from Base in True Degrees
050-060	48° 20'	125° 00'	237°- 57°
060-070	49° 05'	126° 00'	228°- 48°
070-080	49° 52'	127° 05'	225°- 45°
080-090	50° 31'	128° 15'	222°- 42°
090-100	51° 10'	129° 30'	218°- 38°
100-110	51° 46'	130° 45'	219°- 39°
110-120	52° 28'	131° 58'	232°- 52°
120-130	53° 13'	132° 48'	245°- 65°
130-140	54° 17'	133° 15'	255°- 75°

Appendix II

Statistical Area Descriptions

Area 61

Includes all Canadian waters north of the WA/BC international boundary and inside of 050-060 base point and south of the 060-070 eastern baseline that runs through the Strait of Georgia.

Area 71

Includes inside waters north of the 060-070 eastern baseline that runs through the Strait of Georgia and south of the 070-080 eastern baseline that runs through Gordon Channel (Figure 1).

Area 81

Includes inside waters north of the 070-080 eastern baseline that runs through Johnstone Strait and south of the 080-090 eastern baseline that runs through Gordon Channel (Figure 1).

Area 91

Includes all waters north of the 080-090 eastern baseline that runs through Gordon Channel and south of the 090-100 and east of Area 90. It excludes Goose Island Bank waters shallower than 50 fathoms(Figure 2).

Area 92

Includes all waters north of the 080-090 baseline and south of the 090-100 baseline and east of Area 91. It also includes waters inside of the line that joins the fog beacon east

of Susan Rock to the beacon on the very north end of Calvert Island. The southern boundary is bounded by waters inside of a line between the lights at Cape Calvert and Kelp Head and Kelp Head to Cape Caution (Figure 2).

Area 102

Includes all waters north of the 090-100 baseline and south of the 100-110 baseline but west of Area 103 and east of Area 100. It also includes all of the contiguous Goose Island Bank waters less than 50 fathoms south of the 090-100 line (Figure 2 & 3).

Area 103

Includes all waters north of the 090-100 baseline and south of the 100-110 boundary and east of Area 102. It also includes waters inside of the compass bearing 137°-317° that runs through Abrams I. Light (52°32'11"N, 128°49'50"W) and the west side of Laredo Channel south to the very west end of Swindle Island. Also it includes all waters east of the line that joins the fog beacon east of Susan Rock to the beacon on the very north end of Calvert Island (Figure 3).

Area 112

Includes all waters north of the 100-110 baseline; south of the 110-120 baseline; east of Moresby I. and a line from 51°46'N, 130°45'W to the Cape St. James Light; and waters west of a line running 137°-317° through the Abrams I. Light.

Area 114

Includes all waters north of the 100-110 baseline and south of the 110-120 baseline and east of Area 112. It includes the southern half of Principe Channel and waters inside of the compass bearing 317°-137° that runs through Abrams I. Light and the west side of Laredo Channel south to the very west end of Swindle Island. It also includes all of Gardner Canal (Figure 3).

Area 122

Includes all waters north of the 110-120 baseline and south of the 120-130 baseline and east of Area 121. It includes waters east of a line drawn between the Moore Island and Hankin Rock beacons and the north half of Principe Channel south of a line drawn between the Hankin Rock beacon and the light at the east end of Larsen Harbour (Figure 4).

Area 131

Encompasses all waters that of the Whaleback fishing grounds which are west of Langara Island and deeper than 100 fathoms. It is bounded on the north by the 130-140

west/east baseline and on the east by the north/south baseline with the exception of the waters just east of Langara Island that are deeper than 100 fathoms (Figure 4).

Area 132

Includes all waters at the north end of Graham Island bounded on the west by Area 131 and on the east by Area 133. It also includes all waters south of the 130-140 baseline (Figure 4).

Area 133

Includes all waters east of Graham Island separated on the south by the 120-130 baseline and by a line drawn 90° from the 130-140 baseline to the buoy at Rose Spit. It is separated on the north by the 130-140 baseline and on the east by Area 134 (Figure 4).

Area 134

Includes all waters north of the 120-130 baseline that runs through Porcher Island and south of the 130-140 baseline that ends at the south end of Wales Island. It includes all of Portland Canal that is in Canadian waters. It also includes waters east of a line drawn from the beacon on the south end of Dundas Island through the Triple Island light to the NW corner of Stephens Island. Edey Passage is divided at Morrell Point to Pearce Point (Figure 4).

Area 135

Includes all waters north of the 130-140 west/east baseline and east of the 130-140 north/south baseline and south of the line that runs to the baseline from Point Marsh to Cape Muzon. It also includes waters south of a line from Cape Chacon to the western point of Duke Island. Area 135 is called 142 for US vessels (Figure 4).

Appendix III- Figures with statistical areas overlaid on nautical charts

Figure 1. South Vancouver Island

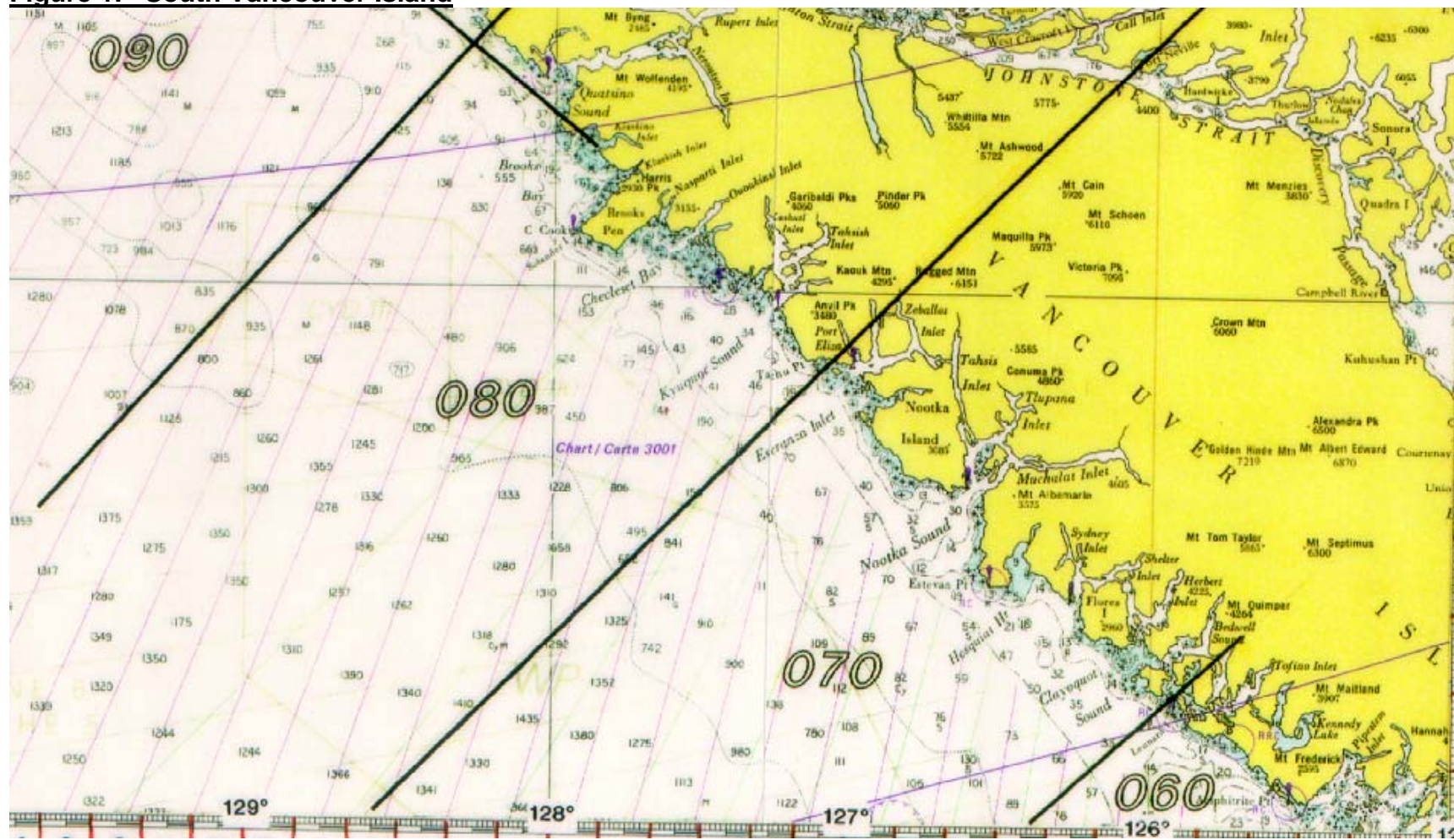


Figure 3. Moresby Island to Princess Royal Island

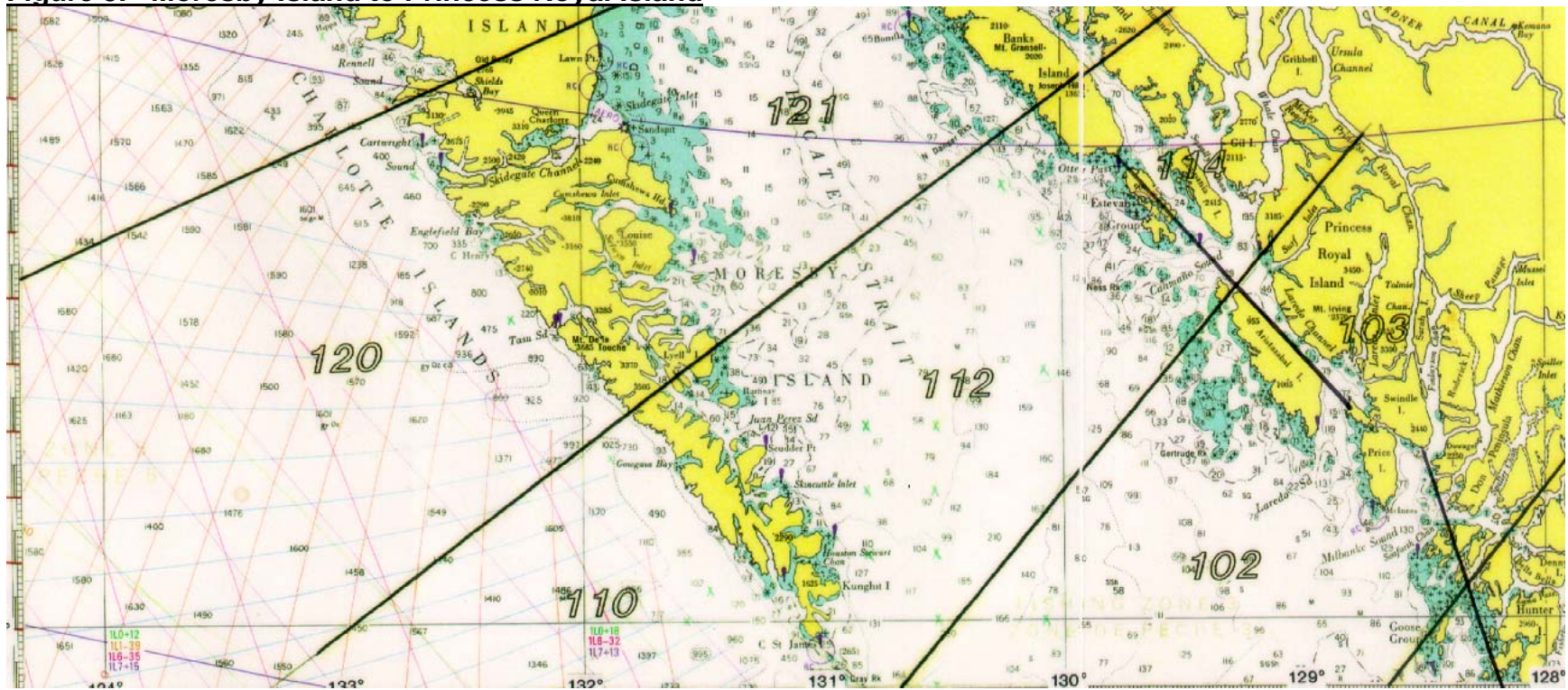


Figure 4. Graham Island and Dixon Entrance

