

2002 IPHC Stock Assessment Survey

Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4001	6/28	57° 50.00'	137° 13.23'	163	5.0	756	22	0	0	109	0	109
4002	6/26	58° 00.01'	136° 54.00'	225	5.0	62	4	9	1	90	0	25
4003	6/26	58° 00.00'	137° 11.94'	109	5.0	1,039	37	100	13	80	0	20
4004	6/27	58° 00.01'	137° 31.15'	87	5.0	2,080	57	181	22	5	0	27
4005	6/27	58° 00.00'	137° 50.17'	99	5.0	2,288	89	172	24	25	0	0
4006	6/26	58° 10.00'	136° 55.19'	108	5.0	1,964	81	72	9	54	0	15
4007	6/26	58° 10.00'	137° 10.97'	65	5.0	2,207	52	165	20	0	0	0
4008	6/27	58° 10.00'	137° 29.98'	78	5.0	1,006	30	224	29	15	0	0
4009	6/27	58° 10.00'	137° 48.95'	84	5.0	61	2	0	0	0	0	0
4010	6/20	58° 10.00'	138° 08.15'	80	5.0	1,494	59	249	29	0	0	0
4011	6/20	58° 10.00'	138° 26.93'	87	5.0	1,428	57	212	25	5	0	10
4012	6/19	58° 10.00'	138° 46.06'	101	5.0	3,134	108	538	66	0	0	25
4013	6/10	58° 20.00'	137° 10.18'	90	5.0	83	3	5	1	5	0	0
4014	6/10	58° 20.00'	137° 29.22'	100	5.0	0	0	0	0	5	0	5
4015	6/20	58° 20.00'	137° 48.05'	94	5.0	605	14	22	3	0	0	0
4016	6/20	58° 20.00'	138° 07.02'	70	5.0	916	52	570	71	5	0	0
4017	6/11	58° 20.00'	138° 26.18'	71	5.0	1,550	85	590	72	0	0	0
4018	6/19	58° 20.00'	138° 46.10'	64	5.0	2,420	67	296	41	0	0	5
4019	6/19	58° 20.00'	139° 05.08'	61	5.0	2,369	78	516	69	0	0	10
4020	6/19	58° 20.00'	139° 23.94'	144	5.0	5,058	159	21	2	45	0	10
4022	6/10	58° 30.00'	137° 46.98'	84	5.0	0	0	0	0	0	0	0
4024	6/11	58° 30.00'	138° 26.00'	62	5.0	469	29	110	14	0	0	0
4025	6/11	58° 30.00'	138° 45.00'	51	5.0	1,564	47	193	23	0	0	15
4026	6/18	58° 30.00'	139° 04.04'	57	5.0	931	23	277	40	0	0	30
4027	6/18	58° 30.00'	139° 22.95'	91	5.0	3,284	107	467	58	0	0	10
4028	6/18	58° 30.00'	139° 42.03'	135	5.0	1,376	47	128	16	94	0	5
4029	6/12	58° 40.00'	138° 06.02'	49	5.0	271	5	20	3	0	0	0
4030	6/12	58° 40.00'	138° 25.02'	71	5.0	131	6	5	1	0	0	0
4031	6/12	58° 40.00'	138° 43.90'	55	5.0	4,298	77	275	38	0	0	10
4032	6/17	58° 40.00'	139° 04.15'	83	5.0	2,763	164	629	70	5	5	0
4033	6/17	58° 40.00'	139° 23.01'	136	5.0	295	5	0	0	30	0	0
4034	6/18	58° 40.00'	139° 41.92'	102	5.0	1,847	70	173	21	30	0	0
4035	6/16	58° 40.00'	140° 01.05'	104	5.0	3,739	115	612	75	10	0	0
4037	6/13	58° 50.00'	138° 24.00'	39	5.0	127	2	0	0	0	0	5
4039	6/17	58° 50.00'	139° 03.04'	104	5.0	91	4	0	0	0	0	0
4040	6/17	58° 50.00'	139° 22.13'	75	5.0	784	31	76	9	0	0	5
4041	6/16	58° 50.00'	139° 42.20'	88	5.0	494	14	26	3	0	0	10
4042	6/16	58° 50.00'	140° 01.11'	94	5.0	1,638	53	236	29	0	0	0
4044	6/13	59° 00.00'	138° 42.94'	85	5.0	43	1	0	0	0	0	0
4046	6/14	59° 00.00'	139° 22.12'	61	5.0	22	1	0	0	0	0	0
4047	6/16	59° 00.00'	139° 41.03'	67	5.0	1,158	38	195	22	0	0	0
4049	6/14	59° 10.00'	139° 20.98'	53	5.0	0	0	0	0	0	0	0
4051	6/5	58° 50.15'	140° 19.87'	101	5.1	897	28	212	28	20	5	0
4052	6/8	58° 50.24'	140° 40.14'	105	5.1	1,567	42	157	19	10	0	5
4053	6/5	58° 59.89'	140° 01.82'	75	5.1	2,160	48	168	25	0	0	0
4054	6/5	58° 59.75'	140° 20.20'	86	4.6	838	22	158	20	0	0	0
4055	6/8	58° 59.75'	140° 39.30'	99	5.1	964	35	422	56	0	0	0
4056	6/8	58° 59.91'	140° 58.84'	105	5.1	2,100	62	561	82	5	0	0
4057	6/6	59° 10.13'	139° 41.78'	70	5.1	530	22	170	20	0	0	0
4058	6/6	59° 10.07'	140° 00.02'	65	5.1	2,853	71	503	74	0	0	0
4059	6/7	59° 09.75'	140° 20.31'	71	5.1	2,331	53	241	34	0	0	0

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4060	6/7	59° 09.95'	140° 39.16'	82	5.1	685	25	310	40	0	0	0
4061	6/13	59° 10.35'	140° 58.84'	97	5.1	3,017	74	295	38	0	0	0
4062	6/13	59° 10.18'	141° 17.79'	185	5.1	521	17	38	5	202	0	0
4063	6/14	59° 09.95'	141° 38.22'	120	5.0	4,604	145	134	18	10	0	30
4064	6/6	59° 20.16'	139° 40.95'	87	5.1	117	4	9	1	0	0	0
4065	6/6	59° 19.73'	139° 59.39'	88	5.0	261	8	58	7	0	0	0
4066	6/7	59° 19.29'	140° 21.12'	69	5.1	2,287	103	1,077	130	0	0	0
4067	6/7	59° 18.95'	140° 38.55'	77	5.1	848	25	304	37	0	0	0
4068	6/13	59° 19.55'	140° 59.89'	87	5.1	1,277	28	173	22	15	0	0
4069	6/13	59° 20.05'	141° 18.45'	183	5.1	2,145	58	23	4	131	0	0
4070	6/14	59° 20.25'	141° 38.36'	102	5.1	1,831	49	208	25	0	0	0
4071	6/14	59° 20.07'	141° 57.75'	116	5.1	3,399	111	223	28	15	0	0
4072	6/9	59° 29.63'	139° 59.58'	64	5.0	165	9	96	11	0	0	0
4073	6/9	59° 30.04'	140° 19.34'	124	5.1	657	15	0	0	0	0	0
4074	6/10	59° 29.95'	140° 39.47'	154	5.1	285	10	0	0	10	0	0
4075	6/10	59° 29.70'	140° 59.51'	160	5.1	354	12	8	1	10	0	0
4076	6/15	59° 29.63'	141° 19.54'	92	5.0	240	12	0	0	0	0	0
4077	6/15	59° 30.09'	141° 38.67'	88	5.0	321	12	11	1	0	0	0
4078	6/16	59° 29.37'	141° 58.41'	99	5.1	2,093	41	31	4	0	5	10
4079	6/9	59° 39.82'	139° 59.41'	85	5.0	287	15	49	6	0	35	0
4080	6/10	59° 39.80'	140° 59.08'	30	5.1	101	4	8	1	0	0	0
4081	6/15	59° 39.40'	141° 18.82'	38	5.0	129	3	0	0	0	0	0
4082	6/15	59° 40.02'	141° 37.52'	50	5.0	0	0	10	1	0	0	0
4083	6/16	59° 39.77'	141° 59.05'	82	5.0	410	11	24	3	0	0	0
4084	6/17	59° 40.13'	142° 18.58'	118	5.1	421	18	23	3	0	0	5
4085	6/17	59° 39.90'	142° 37.60'	213	5.1	503	15	6	1	192	0	5
4086	6/19	59° 40.28'	142° 58.24'	106	5.0	2,269	85	175	22	25	0	0
4087	6/19	59° 39.86'	143° 15.98'	140	5.0	2,149	55	48	6	45	0	15
4088	7/4	59° 40.02'	143° 37.40'	78	5.1	4,277	98	118	16	0	0	40
4089	7/4	59° 39.81'	143° 56.40'	71	5.0	1,610	47	186	25	0	0	10
4090	7/5	59° 40.00'	144° 17.23'	87	5.0	1,044	28	45	7	10	0	10
4091	7/5	59° 39.98'	144° 36.68'	79	5.1	635	17	42	6	0	0	0
4092	6/16	59° 49.94'	141° 59.45'	38	5.1	194	11	271	39	0	0	0
4093	6/17	59° 49.94'	142° 19.13'	51	5.0	1,246	26	80	10	0	0	5
4094	6/17	59° 49.80'	142° 37.96'	90	5.0	2,799	74	83	11	0	0	0
4095	6/18	59° 49.85'	142° 57.59'	95	5.1	101	3	0	0	0	0	0
4096	6/19	59° 49.89'	143° 18.04'	121	5.1	380	15	28	3	0	0	0
4097	7/4	59° 49.74'	143° 37.73'	154	5.0	355	9	16	2	125	0	5
4098	7/4	59° 49.80'	143° 58.48'	52	5.1	1,021	35	182	25	0	5	0
4099	7/5	59° 49.91'	144° 17.01'	35	5.0	239	9	98	14	0	0	0
4100	6/18	59° 59.86'	142° 38.88'	44	5.0	189	6	32	5	0	0	0
4101	6/18	59° 59.74'	142° 59.17'	64	5.1	413	16	184	22	0	0	0
4102	7/2	59° 20.05'	146° 15.58'	155	5.0	1,523	40	31	4	55	0	65
4103	7/2	59° 20.09'	146° 34.35'	77	5.1	945	27	24	3	0	0	30
4104	7/13	59° 19.84'	146° 54.95'	104	5.0	569	19	61	7	50	0	5
4105	7/14	59° 19.68'	147° 15.22'	102	5.0	583	27	62	8	15	0	0
4106	7/3	59° 29.80'	145° 15.87'	74	5.1	1,421	42	183	28	0	0	106
4107	7/3	59° 29.86'	145° 55.02'	92	5.0	501	24	29	3	0	0	0
4108	7/2	59° 29.98'	146° 34.95'	50	5.0	448	13	66	9	0	0	0
4109	7/13	59° 29.75'	146° 53.91'	100	5.1	916	24	15	2	0	0	5
4110	7/14	59° 29.55'	147° 15.54'	117	5.1	396	16	15	2	61	0	10

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4111	7/14	59° 29.48'	147° 33.77'	62	5.0	85	3	58	8	0	0	0
4112	7/1	59° 40.00'	145° 34.55'	58	5.1	491	17	57	7	0	0	0
4113	7/1	59° 39.80'	145° 53.91'	45	5.0	2,832	101	603	75	0	0	0
4114	7/12	59° 39.84'	146° 14.91'	44	5.1	1,131	44	373	51	0	0	0
4115	7/12	59° 40.03'	146° 34.02'	45	5.0	4,292	118	361	44	0	0	10
4116	7/13	59° 39.92'	146° 52.73'	60	5.0	86	4	38	4	0	0	0
4117	7/15	59° 40.12'	147° 13.09'	97	5.1	1,191	59	113	13	10	5	10
4118	7/15	59° 39.91'	147° 32.78'	64	5.0	809	27	52	6	0	0	0
4119	7/6	59° 49.80'	144° 58.84'	107	5.0	769	29	134	16	25	25	0
4120	7/1	59° 49.99'	145° 52.74'	57	5.1	140	5	32	4	0	0	0
4121	7/12	59° 49.92'	146° 12.93'	34	5.1	1,323	67	201	23	0	0	0
4122	7/12	59° 49.86'	146° 33.47'	37	5.1	3,489	81	296	36	0	0	0
4123	7/10	59° 49.96'	146° 53.39'	43	5.0	993	63	1,216	146	0	0	0
4124	7/15	59° 49.73'	147° 13.64'	72	5.1	1,354	78	404	46	0	5	10
4125	7/6	59° 59.73'	144° 39.08'	123	5.1	497	17	62	7	61	0	0
4126	7/6	59° 59.80'	144° 58.14'	76	5.1	182	10	22	3	0	0	0
4127	7/7	60° 00.01'	145° 17.87'	66	5.0	163	10	57	7	5	0	0
4128	6/23	60° 00.22'	146° 12.98'	32	5.0	496	17	112	13	0	0	5
4129	6/23	59° 59.58'	146° 32.84'	34	5.0	195	11	148	21	0	0	0
4130	7/10	59° 59.67'	146° 52.52'	78	5.0	192	7	54	6	0	0	0
4131	7/10	59° 59.51'	147° 11.83'	101	5.1	610	14	30	3	40	25	0
4132	7/7	60° 10.01'	145° 30.88'	46	5.1	385	14	19	2	0	0	0
4133	7/7	60° 10.00'	145° 50.77'	58	5.1	112	7	7	1	0	0	0
4134	6/23	60° 09.56'	146° 10.69'	43	5.1	244	10	51	7	0	0	0
4135	6/28	60° 09.78'	147° 30.96'	35	5.0	727	38	310	39	0	5	5
4136	6/28	60° 09.59'	147° 50.34'	181	5.1	959	35	54	6	15	0	0
4137	6/24	60° 19.75'	147° 31.09'	61	5.0	824	25	106	16	0	60	5
4138	6/25	60° 30.20'	146° 29.16'	43	5.0	391	14	49	7	0	0	0
4140	6/24	60° 29.84'	147° 10.29'	111	5.0	753	36	11	2	5	40	0
4141	6/24	60° 30.09'	147° 29.84'	111	5.1	524	18	33	4	15	40	5
4142	6/27	60° 28.91'	147° 49.83'	241	5.0	560	18	6	1	40	0	25
4143	6/26	60° 39.69'	146° 47.98'	211	5.0	483	24	28	3	15	0	0
4145	6/26	60° 49.91'	147° 08.14'	173	5.1	927	35	15	2	25	5	10
4147	8/6	58° 39.78'	148° 34.08'	128	5.1	2,214	84	92	12	136	0	0
4148	8/5	58° 39.95'	148° 53.27'	89	5.0	2,271	94	93	11	65	20	10
4149	8/6	58° 49.62'	148° 15.02'	150	5.1	3,468	132	149	16	30	0	30
4150	8/6	58° 49.50'	148° 33.87'	161	5.1	1,667	49	58	7	96	0	5
4151	8/5	58° 49.53'	148° 53.16'	136	5.1	1,055	29	17	2	217	0	0
4152	8/5	58° 50.09'	149° 12.25'	113	5.0	936	35	37	4	160	0	5
4153	7/29	59° 00.37'	147° 55.45'	214	5.0	178	4	0	0	207	0	0
4154	7/30	59° 00.81'	148° 13.63'	91	5.1	5,120	161	157	18	30	35	0
4155	7/30	59° 00.36'	148° 34.45'	132	5.1	1,006	30	37	5	222	5	0
4156	8/4	59° 00.55'	148° 53.22'	112	5.1	3,248	128	70	8	51	10	0
4157	8/4	58° 59.98'	149° 12.04'	118	5.1	1,302	49	12	2	141	0	5
4158	7/25	58° 59.90'	149° 33.05'	126	5.0	325	16	0	0	135	0	0
4159	7/29	59° 09.71'	147° 35.21'	144	5.0	1,522	55	30	3	105	0	35
4160	7/29	59° 09.71'	147° 53.68'	110	5.1	2,146	95	114	14	51	0	0
4161	7/31	59° 10.03'	148° 14.02'	67	5.0	2,903	89	389	49	0	10	60
4162	7/30	59° 09.86'	148° 33.15'	84	5.1	3,530	140	246	29	15	0	0
4163	8/4	59° 09.93'	148° 54.05'	98	5.0	1,860	62	39	6	40	0	0
4164	8/4	59° 09.92'	149° 12.43'	83	5.0	1,586	56	53	7	0	25	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4165	7/25	59° 09.96'	149° 32.09'	87	5.1	1,365	64	80	10	30	5	0
4166	7/25	59° 09.94'	149° 50.51'	71	5.0	889	43	123	17	10	45	0
4167	7/14	59° 19.79'	147° 32.91'	68	5.1	1,536	51	356	48	0	0	0
4168	7/31	59° 19.83'	147° 54.19'	101	5.0	948	33	42	6	90	0	0
4169	7/31	59° 19.82'	148° 12.61'	86	5.0	2,635	129	215	23	20	5	0
4170	8/1	59° 19.95'	148° 33.11'	51	5.1	2,165	61	193	24	0	0	40
4171	8/1	59° 20.09'	148° 52.16'	89	5.0	996	44	87	9	0	0	0
4172	7/24	59° 19.89'	149° 11.84'	101	5.1	2,393	88	51	6	51	5	0
4173	7/24	59° 20.08'	149° 31.75'	66	5.1	1,844	80	164	22	0	25	0
4174	7/20	59° 19.56'	149° 51.20'	103	5.0	234	12	28	3	10	0	0
4175	7/20	59° 19.91'	150° 11.35'	86	5.1	1,549	62	15	2	0	35	5
4176	7/28	59° 29.77'	147° 53.27'	60	5.1	1,318	56	637	77	0	0	0
4177	7/28	59° 30.04'	148° 13.74'	114	5.1	491	20	68	8	66	0	0
4178	8/1	59° 29.86'	148° 33.33'	53	5.0	294	14	956	144	0	0	0
4179	8/1	59° 29.64'	148° 51.63'	88	5.1	3,713	147	157	18	10	0	0
4180	7/24	59° 29.75'	149° 12.21'	126	5.1	472	20	9	1	91	71	0
4181	7/24	59° 29.79'	149° 31.86'	56	5.0	482	22	329	48	0	0	0
4182	7/20	59° 30.05'	149° 52.80'	110	5.1	1,269	55	56	7	81	121	0
4183	7/20	59° 29.91'	150° 10.47'	73	5.0	697	29	74	8	0	50	0
4184	7/28	59° 39.88'	147° 53.09'	38	4.6	1,486	35	124	15	0	0	5
4185	7/16	59° 40.72'	148° 13.42'	64	5.0	662	43	486	62	0	0	0
4186	7/16	59° 40.16'	148° 32.13'	114	5.0	751	15	17	2	65	5	0
4187	7/23	59° 39.82'	148° 52.89'	96	5.1	118	3	9	1	0	0	0
4188	7/22	59° 39.84'	149° 12.55'	112	5.1	726	25	14	2	35	5	0
4189	7/22	59° 39.86'	149° 31.78'	157	5.0	150	7	74	9	25	0	0
4190	7/16	59° 49.92'	148° 11.64'	49	5.1	941	28	104	13	0	5	0
4191	7/16	59° 49.80'	148° 32.00'	72	5.1	195	4	0	0	0	0	0
4192	7/23	59° 49.92'	148° 52.75'	89	5.0	105	2	16	2	10	0	0
4193	7/23	59° 49.99'	149° 12.51'	68	5.1	258	13	53	7	0	0	0
4194	7/22	59° 50.23'	149° 32.19'	75	5.1	457	17	53	6	10	0	0
4195	8/19	58° 00.01'	149° 13.07'	75	5.0	8,238	327	228	23	0	0	0
4196	8/19	58° 09.99'	148° 53.95'	71	5.0	2,287	134	1,210	140	0	0	10
4197	8/19	58° 10.01'	149° 13.11'	63	5.0	3,713	185	1,252	135	0	0	0
4200	8/17	58° 19.92'	148° 35.02'	101	5.0	3,353	158	209	24	15	5	0
4201	8/17	58° 20.02'	148° 54.10'	70	5.0	1,298	82	1,195	148	0	0	0
4202	8/18	58° 20.05'	149° 13.14'	85	5.0	5,339	235	665	74	0	0	0
4203	8/18	58° 20.02'	149° 32.15'	83	5.0	4,104	204	858	97	10	0	0
4204	8/20	58° 20.00'	149° 51.03'	42	5.0	3,486	178	1,171	133	0	0	0
4205	8/20	58° 20.00'	150° 10.17'	28	5.0	3,196	197	846	96	0	0	0
4206	8/6	58° 20.00'	150° 29.21'	30	5.0	1,738	112	928	111	0	0	0
4207	8/17	58° 29.98'	148° 33.92'	73	5.0	3,595	190	732	85	0	5	0
4208	8/17	58° 30.01'	148° 53.05'	61	5.0	2,585	141	978	115	0	0	9
4209	8/18	58° 30.01'	149° 13.02'	67	5.0	2,853	148	821	102	0	10	0
4210	8/18	58° 29.99'	149° 31.90'	76	5.0	1,819	105	334	38	25	188	0
4211	8/21	58° 29.94'	149° 51.00'	76	5.0	2,095	120	539	65	5	69	0
4212	8/6	58° 30.00'	150° 09.96'	49	5.0	1,454	99	1,651	201	0	5	0
4213	8/6	58° 29.99'	150° 28.98'	46	5.0	2,405	177	1,351	159	0	5	0
4214	8/6	58° 30.00'	150° 47.84'	55	5.0	1,246	70	240	28	5	75	0
4215	8/16	58° 40.00'	149° 12.85'	75	5.0	2,033	115	696	81	20	25	10
4216	8/16	58° 40.02'	149° 31.90'	74	5.0	1,858	89	191	21	94	59	0
4217	8/21	58° 40.00'	149° 50.89'	82	5.0	1,298	64	165	20	15	40	0

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

2002 IPHC Stock Assessment Survey

Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4218	8/21	58° 40.00'	150° 10.01'	68	5.0	2,012	98	278	32	5	41	0
4219	8/7	58° 39.99'	150° 28.71'	109	5.0	446	30	222	25	170	5	0
4220	8/7	58° 40.00'	150° 49.01'	108	5.0	498	25	36	4	153	20	0
4222	8/16	58° 49.91'	149° 32.00'	122	5.0	393	21	19	2	240	0	0
4223	8/5	58° 50.00'	149° 50.97'	130	5.0	1,237	50	30	3	190	0	0
4224	8/5	58° 49.98'	150° 10.03'	88	5.0	3,246	144	265	29	50	55	0
4225	8/7	58° 50.02'	150° 30.09'	91	5.0	2,079	115	724	83	40	100	0
4226	8/7	58° 49.95'	150° 49.14'	97	5.0	1,742	84	268	31	50	20	0
4227	8/8	58° 50.14'	151° 08.04'	79	5.0	3,145	170	759	86	5	50	5
4228	8/8	58° 49.94'	151° 28.00'	63	5.0	1,494	79	1,188	156	0	0	0
4229	8/5	59° 00.00'	149° 50.77'	121	5.0	368	19	15	2	255	0	0
4230	8/5	59° 00.00'	150° 11.29'	102	5.0	1,860	83	88	10	105	10	0
4231	8/10	58° 59.98'	150° 29.96'	64	5.0	1,376	87	1,228	160	0	0	0
4232	8/9	59° 00.00'	150° 49.83'	89	5.0	1,927	95	361	42	15	15	0
4233	8/9	59° 00.01'	151° 08.44'	83	5.0	1,752	95	522	63	5	75	0
4234	8/8	59° 00.02'	151° 28.14'	68	5.0	2,623	151	997	122	0	5	0
4235	8/10	59° 09.99'	150° 10.98'	67	5.0	1,542	92	832	106	10	15	0
4236	8/10	59° 10.04'	150° 30.05'	67	5.0	3,603	131	316	41	0	15	0
4237	8/9	59° 09.96'	150° 50.02'	65	5.0	3,052	175	481	53	0	40	15
4238	8/9	59° 10.04'	151° 08.79'	29	5.0	4,573	231	435	51	0	0	10
4239	8/10	59° 20.05'	150° 31.02'	136	5.0	1,575	57	40	4	30	144	0
4240	6/23	57° 20.03'	150° 46.00'	86	4.7	3,841	184	314	35	10	0	5
4241	6/23	57° 30.03'	150° 08.92'	247	5.0	47	2	0	0	113	0	5
4242	6/23	57° 30.00'	150° 27.89'	84	5.0	976	53	74	8	0	0	0
4243	6/23	57° 30.00'	150° 45.95'	52	5.0	1,688	95	605	72	0	68	0
4244	6/24	57° 40.00'	149° 50.27'	225	5.0	558	18	9	1	165	0	0
4245	6/24	57° 40.00'	150° 09.04'	115	5.0	1,064	51	40	6	45	5	0
4246	7/4	57° 40.00'	150° 27.98'	51	5.0	1,152	66	1,094	130	0	20	0
4247	7/4	57° 40.02'	150° 47.19'	45	5.0	7,005	231	385	42	0	0	0
4248	6/22	57° 40.02'	151° 05.09'	40	5.0	887	49	332	36	0	155	0
4249	6/22	57° 40.01'	151° 24.12'	34	5.0	2,956	115	285	32	0	103	0
4250	7/5	57° 51.22'	149° 32.26'	123	5.0	516	22	30	3	140	0	0
4251	7/5	57° 49.98'	149° 49.86'	140	5.0	402	16	62	7	147	0	0
4252	6/24	57° 49.95'	150° 08.84'	106	5.0	1,870	114	371	44	15	30	0
4253	7/4	57° 50.01'	150° 28.01'	50	5.0	3,673	185	797	93	0	0	15
4254	7/4	57° 50.00'	150° 47.13'	45	5.0	2,043	116	1,075	124	0	0	0
4255	6/25	57° 50.01'	151° 05.83'	39	5.0	2,651	78	324	37	0	108	0
4256	6/25	57° 50.01'	151° 23.83'	30	5.0	1,602	76	747	94	0	0	0
4257	7/1	57° 50.00'	151° 43.03'	29	5.0	615	26	150	19	0	80	0
4258	7/1	57° 50.01'	152° 02.08'	50	5.0	690	27	35	4	0	130	0
4259	7/5	58° 00.00'	149° 32.13'	79	5.0	1,500	85	569	66	0	0	0
4260	7/5	57° 59.99'	149° 51.23'	126	5.0	260	15	113	13	90	20	0
4261	7/6	57° 59.98'	150° 08.56'	124	4.0	795	48	72	9	45	45	5
4262	7/6	57° 59.99'	150° 28.00'	88	5.0	582	29	24	3	120	5	0
4263	6/27	58° 00.00'	150° 47.02'	72	5.0	1,723	80	348	39	15	45	0
4264	6/27	58° 00.00'	151° 05.88'	45	5.0	1,687	86	596	67	0	35	0
4265	6/25	57° 59.99'	151° 24.99'	43	5.0	1,747	85	455	55	0	85	0
4266	6/30	57° 59.99'	151° 43.91'	65	5.0	801	42	183	22	0	95	0
4267	6/30	58° 00.00'	152° 02.94'	99	5.0	1,726	61	38	4	0	99	0
4268	6/30	58° 00.00'	152° 21.98'	109	5.0	889	33	87	10	0	85	0
4269	7/6	58° 09.99'	150° 10.11'	79	5.0	3,950	255	832	89	0	0	0

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

2002 IPHC Stock Assessment Survey

Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4270	7/6	58° 10.01'	150° 29.09'	62	5.0	1,991	107	625	74	0	10	0
4271	6/28	58° 10.18'	150° 48.14'	61	5.0	1,763	74	410	46	0	25	0
4272	6/27	58° 10.00'	151° 07.01'	78	5.0	1,072	46	54	6	45	55	0
4273	6/27	58° 10.00'	151° 25.02'	90	5.0	1,911	66	78	9	0	90	0
4274	6/30	58° 10.00'	151° 44.02'	33	5.0	6,428	238	253	28	0	0	0
4275	6/28	58° 19.98'	150° 47.82'	36	5.0	608	42	711	86	0	0	0
4276	6/28	58° 19.98'	151° 07.02'	70	5.0	1,587	67	73	8	0	35	0
4277	7/7	58° 20.00'	151° 26.09'	37	5.0	4,905	191	835	106	0	10	0
4278	7/7	58° 19.99'	151° 45.06'	29	5.0	3,829	120	65	7	0	14	0
4279	6/28	58° 30.00'	151° 06.79'	53	5.0	1,045	57	119	14	0	0	0
4280	7/7	58° 30.00'	151° 26.96'	92	5.0	1,551	66	44	5	5	108	0
4281	7/7	58° 30.00'	151° 45.98'	94	5.0	2,620	87	22	3	35	30	0
4282	6/29	58° 39.99'	151° 26.93'	101	5.0	1,829	74	124	14	0	65	0
4283	6/29	58° 40.00'	151° 46.00'	70	5.0	2,889	127	269	29	0	40	0
4284	6/29	58° 39.98'	152° 06.00'	71	5.0	2,265	138	389	43	0	10	0
4285	6/29	58° 50.02'	152° 06.35'	59	5.0	1,457	71	267	32	0	25	6
4286	6/4	56° 19.95'	152° 49.89'	58	5.0	3,130	138	171	21	25	54	0
4287	6/4	56° 19.96'	153° 07.87'	59	5.0	1,870	97	317	40	0	20	0
4288	6/4	56° 19.97'	153° 26.11'	32	5.0	3,091	190	976	106	0	5	0
4290	6/12	56° 29.92'	152° 32.93'	149	5.0	1,364	74	108	12	92	0	24
4291	6/6	56° 30.07'	152° 51.11'	28	5.0	3,471	220	970	111	0	10	0
4292	6/6	56° 29.93'	153° 08.84'	39	5.0	841	41	219	26	0	213	0
4293	6/5	56° 29.96'	153° 26.81'	48	5.0	2,039	90	152	18	0	10	0
4294	6/5	56° 29.98'	153° 44.95'	36	5.0	2,665	76	89	10	0	60	0
4295	6/15	56° 40.00'	151° 57.03'	34	5.0	5,786	211	222	25	0	0	0
4296	6/12	56° 39.92'	152° 14.88'	26	5.0	4,395	188	829	98	0	0	0
4297	6/12	56° 39.95'	152° 33.99'	75	5.0	1,774	91	358	42	0	5	0
4298	6/6	56° 39.94'	152° 52.00'	37	5.1	2,224	113	1,016	117	0	0	0
4299	6/6	56° 39.92'	153° 09.93'	82	5.0	1,621	71	81	10	0	124	0
4300	6/5	56° 39.98'	153° 28.04'	78	5.0	3,255	123	252	29	0	50	0
4301	6/5	56° 39.99'	153° 45.95'	45	5.0	1,586	67	269	31	0	74	0
4302	6/15	56° 49.99'	151° 40.05'	163	5.0	1,919	79	31	4	115	0	0
4303	6/15	56° 50.03'	151° 58.16'	43	5.0	3,605	177	841	95	0	0	5
4304	6/14	56° 50.01'	152° 16.04'	52	5.0	4,607	233	440	47	0	0	0
4305	6/14	56° 49.98'	152° 34.92'	76	5.0	731	33	62	8	5	10	0
4306	6/13	56° 49.98'	152° 52.87'	35	5.0	1,302	85	1,278	146	0	5	0
4307	6/13	56° 50.00'	153° 10.98'	49	5.0	4,596	209	244	29	0	35	0
4308	6/13	56° 50.00'	153° 28.97'	53	5.0	1,742	63	91	12	0	35	0
4309	6/16	57° 00.00'	151° 39.95'	42	5.0	3,870	156	456	53	0	0	5
4310	6/16	56° 59.99'	151° 58.94'	45	5.0	1,477	69	758	88	0	20	0
4311	6/14	57° 00.02'	152° 17.00'	40	5.0	3,503	125	290	35	0	0	0
4312	6/14	56° 59.96'	152° 34.91'	85	5.0	1,417	68	61	7	10	5	0
4313	6/13	56° 59.98'	152° 53.96'	61	5.0	1,830	72	172	20	0	35	0
4314	6/17	57° 10.02'	151° 04.03'	211	5.0	818	31	0	0	108	0	10
4315	6/16	57° 10.01'	151° 22.05'	70	5.0	4,081	190	131	16	0	50	0
4316	6/16	57° 10.00'	151° 41.04'	40	5.0	2,599	107	387	43	0	29	0
4317	6/16	57° 10.00'	151° 59.14'	39	5.0	3,261	115	277	32	0	30	0
4318	6/7	57° 10.01'	152° 18.01'	43	5.0	1,464	79	361	41	0	40	0
4319	6/7	57° 09.98'	152° 36.02'	52	5.0	736	29	94	14	0	49	0
4320	6/17	57° 20.00'	151° 03.91'	50	5.0	3,593	176	653	75	0	0	0
4321	6/17	57° 19.99'	151° 22.91'	74	5.0	1,792	93	173	20	30	105	0

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

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³ Bycatch numbers extrapolated from 20% subsample.

2002 IPHC Stock Assessment Survey

Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4322	6/19	57° 20.01'	151° 40.97'	34	5.1	2,101	108	918	99	0	20	0
4323	6/19	57° 20.00'	151° 59.98'	40	5.0	1,892	86	192	23	0	15	0
4324	6/7	57° 20.00'	152° 17.99'	21	5.0	3,181	87	89	10	0	113	0
4325	6/22	57° 30.01'	151° 05.05'	43	5.0	1,109	72	947	111	0	5	0
4326	6/22	57° 30.00'	151° 22.99'	46	5.0	1,151	70	603	71	0	72	0
4327	6/19	57° 29.99'	151° 42.05'	60	5.0	1,392	75	273	32	0	54	0
4328	6/19	57° 30.01'	152° 00.95'	26	5.0	3,393	138	257	29	0	0	0
4329	7/1	57° 40.00'	151° 42.92'	36	5.0	1,069	82	985	107	0	44	0
4330	7/1	57° 40.00'	152° 00.97'	95	5.0	732	30	36	4	0	180	0
4331	8/28	57° 29.52'	154° 55.00'	126	4.9	757	34	75	9	25	43	0
4332	8/28	57° 39.98'	154° 35.09'	118	4.9	971	41	55	6	39	39	0
4333	8/28	57° 40.00'	154° 54.02'	127	5.0	1,097	53	41	5	35	45	0
4335	8/27	57° 49.95'	154° 15.05'	112	5.0	559	31	113	12	35	35	0
4338	8/29	57° 59.99'	153° 37.12'	91	5.0	1,664	81	137	17	15	50	0
4339	8/29	58° 00.00'	153° 55.86'	109	5.0	1,227	59	91	10	5	10	0
4341	8/25	58° 09.96'	153° 19.01'	57	5.0	288	14	195	32	0	40	0
4342	8/26	58° 09.99'	153° 37.94'	108	5.0	1,386	73	82	9	40	10	0
4344	8/25	58° 20.05'	153° 20.08'	95	5.0	1,223	61	67	7	5	25	0
4345	8/26	58° 20.00'	153° 38.97'	96	5.0	1,200	53	90	11	10	94	0
4346	8/26	58° 20.00'	153° 58.00'	46	5.0	737	31	269	38	0	30	0
4347	8/25	58° 30.02'	153° 01.97'	92	5.0	633	27	76	9	15	90	0
4348	8/27	58° 30.05'	153° 20.02'	98	4.8	1,034	47	145	17	5	91	0
4349	8/27	58° 30.00'	153° 41.02'	52	5.0	680	28	148	19	0	89	0
4350	8/28	58° 39.95'	152° 44.00'	109	5.0	728	35	123	15	10	69	0
4351	8/28	58° 39.97'	153° 02.98'	85	5.0	2,483	101	99	11	21	36	0
4352	8/27	58° 40.00'	153° 22.98'	26	4.9	491	20	236	30	0	5	0
4355	8/12	58° 50.05'	153° 04.04'	90	5.0	1,716	71	375	41	5	64	0
4356	9/2	59° 00.00'	151° 48.02'	73	5.0	2,207	120	367	45	0	15	0
4357	9/2	59° 00.00'	152° 07.04'	75	5.0	2,897	88	164	19	0	99	0
4358	8/29	58° 59.98'	152° 27.00'	82	4.9	324	16	93	14	0	34	0
4359	8/11	58° 59.94'	152° 46.02'	90	5.0	515	27	88	9	0	67	0
4360	8/12	59° 00.00'	153° 05.04'	84	5.0	606	24	163	19	0	114	0
4362	8/29	59° 10.04'	152° 27.01'	56	5.0	521	23	225	34	0	25	0
4363	8/11	59° 10.08'	152° 47.02'	74	5.0	405	22	95	12	10	35	0
4364	8/2	59° 10.07'	153° 06.04'	45	5.0	888	26	44	6	0	25	0
4366	8/31	59° 20.02'	152° 09.00'	38	5.0	567	28	89	13	0	0	0
4367	9/1	59° 20.00'	152° 28.00'	40	5.0	489	20	78	10	0	0	0
4368	9/1	59° 20.04'	152° 48.00'	42	5.0	391	21	300	47	0	15	0
4369	8/2	59° 20.04'	153° 08.14'	22	4.9	331	17	56	8	0	15	0
4370	8/31	59° 30.02'	151° 50.00'	39	5.0	784	45	472	70	0	10	0
4371	8/31	59° 29.98'	152° 09.00'	23	5.0	133	8	67	8	0	0	0
4372	9/1	59° 29.96'	152° 29.00'	29	4.9	1,145	56	379	52	0	0	0
4374	8/1	59° 40.13'	152° 30.06'	44	5.0	1,233	56	132	16	0	85	0
4375	8/1	59° 50.11'	152° 10.60'	26	5.0	204	15	442	71	0	0	0
350	Total Stations				Totals	543,723	22,729	89,000	10,758	7,340	6,553	1,137

¹ Standard skate =1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.