

2003 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	6/27	57° 50.00'	137° 12.98'	164	8.0	1,284	52	48	5	87	0	24
4002	6/25	58° 00.00'	136° 54.52'	225	8.0	0	0	9	1	214	0	8
4003	6/25	58° 00.00'	137° 12.09'	108	8.0	1,285	53	77	8	24	0	8
4004	6/8	58° 00.00'	137° 30.92'	88	8.0	1,183	41	122	15	24	0	40
4005	6/8	58° 00.00'	137° 49.84'	99	8.0	1,507	56	291	40	24	0	16
4006	6/25	58° 10.00'	136° 54.83'	105	8.0	62	1	0	0	0	0	0
4007	6/26	58° 10.00'	137° 11.53'	66	8.0	587	16	49	7	0	0	0
4008	6/26	58° 10.00'	137° 30.14'	77	8.0	191	4	18	2	0	0	0
4009	6/8	58° 10.00'	137° 49.09'	84	8.0	711	31	19	2	0	0	0
4010	6/18	58° 10.00'	138° 08.19'	80	8.0	143	4	8	1	0	0	0
4011	6/7	58° 10.00'	138° 26.89'	88	8.0	2,264	84	359	46	0	0	32
4012	6/7	58° 10.00'	138° 45.30'	99	8.0	3,672	141	635	78	0	0	32
4013	6/26	58° 20.00'	137° 10.60'	92	8.0	0	0	11	1	0	0	0
4014	6/12	58° 20.00'	137° 29.09'	100	8.0	12	1	0	0	0	0	0
4015	6/18	58° 20.00'	137° 48.01'	95	8.0	174	4	0	0	0	0	0
4016	6/18	58° 20.00'	138° 07.26'	71	8.0	83	3	9	1	0	0	0
4017	6/22	58° 20.00'	138° 25.61'	71	8.0	291	10	41	5	0	0	0
4018	6/7	58° 20.00'	138° 46.09'	63	8.0	1,954	74	776	103	0	0	16
4019	6/6	58° 20.00'	139° 05.01'	61	8.0	3,479	156	938	117	0	0	8
4020	6/6	58° 20.00'	139° 23.77'	145	8.0	2,927	104	48	5	80	0	0
4021	6/12	58° 30.01'	137° 28.16'	40	8.0	13	1	31	4	0	0	0
4022	6/12	58° 30.00'	137° 46.78'	84	8.0	0	0	0	0	0	0	0
4023	6/22	58° 30.00'	138° 06.36'	74	8.0	591	13	18	2	0	0	0
4024	6/22	58° 30.00'	138° 25.52'	63	8.0	847	35	186	22	0	0	0
4025	6/23	58° 30.00'	138° 45.91'	51	8.0	4,193	105	263	36	0	0	32
4026	6/23	58° 30.00'	139° 03.69'	55	8.0	439	17	108	13	0	0	24
4027	6/6	58° 30.00'	139° 23.01'	91	8.0	1,924	123	1,060	127	0	0	15
4028	6/17	58° 29.99'	139° 41.76'	134	8.0	1,457	52	88	11	72	0	0
4029	6/13	58° 40.00'	138° 06.13'	49	8.0	824	12	0	0	0	0	8
4030	6/13	58° 40.00'	138° 25.23'	71	8.0	67	4	8	1	0	0	0
4031	6/23	58° 40.00'	138° 43.80'	55	8.0	4,132	70	105	15	0	0	8
4032	6/14	58° 40.00'	139° 03.89'	79	8.0	1,079	69	266	30	0	0	0
4033	6/17	58° 40.00'	139° 22.95'	136	8.0	1,036	30	25	3	152	0	0
4034	6/17	58° 40.00'	139° 42.02'	101	8.0	690	22	89	10	0	0	0
4035	6/16	58° 40.00'	140° 01.12'	102	8.0	3,767	107	677	90	24	0	0
4036	6/13	58° 50.01'	138° 05.11'	28	8.0	0	0	8	1	0	0	0
4037	6/4	58° 49.99'	138° 24.18'	40	8.0	536	17	0	0	0	0	16
4038	6/14	58° 50.00'	138° 43.86'	64	8.0	119	8	123	16	0	0	0
4039	6/14	58° 50.00'	139° 02.85'	104	8.0	73	3	0	0	0	0	0
4040	6/15	58° 50.00'	139° 22.30'	72	8.0	590	9	0	0	0	0	0
4041	6/16	58° 50.00'	139° 42.36'	88	8.0	225	6	14	2	0	0	0
4042	6/16	58° 50.00'	140° 01.62'	94	8.0	1,686	59	241	29	16	0	0
4043	6/4	59° 00.00'	138° 24.46'	34	8.0	303	7	82	11	0	8	0
4044	6/4	59° 00.00'	138° 43.31'	85	8.0	57	1	0	0	0	0	0
4045	6/5	59° 00.01'	139° 02.15'	56	8.0	20	1	11	1	0	0	0
4046	6/14	59° 00.00'	139° 22.11'	59	8.0	310	6	0	0	0	0	0
4047	6/15	59° 00.01'	139° 41.10'	66	8.0	1,205	36	118	13	0	0	0
4048	6/5	59° 10.01'	139° 02.50'	30	8.0	0	0	0	0	0	0	0
4049	6/5	59° 10.01'	139° 20.94'	53	8.0	0	0	0	0	0	0	0
4051	7/6	58° 50.00'	140° 19.87'	100	8.0	1,320	40	200	26	8	0	8
4052	7/6	58° 50.00'	140° 39.72'	106	7.8	2,004	48	128	16	8	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
4053	7/7	59° 00.00'	140° 01.26'	73	7.9	2,498	66	305	37	0	0	8
4054	7/7	59° 00.00'	140° 20.13'	85	7.9	2,066	49	88	12	0	0	23
4055	7/6	59° 00.00'	140° 38.94'	97	7.9	608	28	260	32	0	0	8
4056	7/5	59° 00.00'	140° 59.04'	105	8.1	3,162	91	550	72	24	0	0
4057	7/9	59° 10.00'	139° 40.94'	70	8.0	589	21	181	21	0	0	0
4058	7/7	59° 10.00'	140° 00.05'	63	8.0	2,731	72	672	98	0	0	0
4059	7/8	59° 10.00'	140° 19.79'	70	7.9	1,390	35	303	44	0	0	0
4060	7/8	59° 10.00'	140° 39.10'	81	8.0	463	18	363	46	0	0	0
4061	7/5	59° 10.00'	140° 59.02'	99	8.0	985	32	193	23	0	0	0
4062	7/5	59° 10.00'	141° 17.93'	186	8.0	424	12	9	1	87	0	8
4063	6/14	59° 10.00'	141° 38.01'	124	8.0	6,007	180	149	18	143	0	16
4064	7/9	59° 20.00'	139° 40.08'	85	7.9	22	1	0	0	8	0	0
4065	7/9	59° 20.00'	140° 00.12'	87	8.0	79	3	0	0	0	0	0
4066	7/8	59° 20.00'	140° 20.28'	71	7.8	1,796	47	138	19	0	0	0
4067	7/4	59° 20.00'	140° 38.88'	78	8.0	492	15	77	9	0	0	0
4068	7/4	59° 20.00'	140° 58.87'	86	7.9	958	31	154	20	0	0	0
4069	6/13	59° 20.00'	141° 17.95'	180	8.0	3,418	89	35	4	196	0	24
4070	6/14	59° 20.00'	141° 38.01'	102	7.9	2,025	52	127	16	0	0	0
4071	6/14	59° 20.00'	141° 57.84'	117	7.9	6,580	204	317	40	8	8	0
4072	5/26	59° 30.05'	140° 00.92'	63	7.9	0	0	0	0	0	0	0
4073	5/26	59° 29.99'	140° 19.02'	125	7.9	2,204	58	10	1	8	0	24
4074	7/4	59° 30.00'	140° 38.85'	154	8.0	934	22	17	2	124	0	0
4075	5/27	59° 30.00'	140° 59.51'	161	8.1	870	19	10	1	253	0	16
4076	6/13	59° 30.00'	141° 19.20'	88	8.0	268	12	10	1	0	0	0
4077	6/13	59° 30.00'	141° 38.34'	88	8.1	35	2	9	1	0	0	0
4078	6/15	59° 29.99'	141° 58.25'	97	7.9	961	26	15	2	0	0	0
4079	5/26	59° 39.97'	139° 59.81'	75	8.0	1,655	57	87	10	0	103	0
4080	5/27	59° 40.00'	140° 59.11'	28	8.1	114	6	76	10	0	0	0
4081	5/27	59° 40.00'	141° 18.98'	35	8.2	247	9	191	30	0	0	0
4082	6/15	59° 40.00'	141° 38.03'	50	7.8	244	10	36	4	0	0	0
4083	6/15	59° 40.00'	141° 57.89'	79	7.9	481	13	21	2	0	0	0
4084	6/16	59° 40.00'	142° 17.98'	118	7.9	1,184	38	39	6	0	0	0
4085	6/17	59° 40.00'	142° 38.05'	212	7.8	587	12	6	1	238	0	38
4086	6/17	59° 40.00'	142° 57.95'	109	7.9	3,066	127	367	48	39	0	0
4087	6/18	59° 40.00'	143° 18.06'	154	8.0	1,104	21	33	4	119	0	16
4088	6/18	59° 40.00'	143° 36.96'	82	8.0	3,348	73	115	17	0	0	20
4089	5/29	59° 40.00'	143° 56.55'	69	8.1	3,133	89	254	35	9	0	9
4090	6/19	59° 39.99'	144° 17.03'	88	8.0	665	16	19	2	0	0	0
4091	6/19	59° 40.00'	144° 36.98'	79	7.9	221	7	16	2	0	0	0
4092	6/16	59° 50.01'	141° 58.98'	38	8.1	143	3	23	3	0	0	0
4093	6/16	59° 50.00'	142° 18.02'	48	8.1	5,998	135	126	16	0	0	0
4094	6/17	59° 50.00'	142° 38.09'	89	8.0	1,333	30	51	6	8	0	0
4095	5/28	59° 50.00'	142° 58.36'	92	8.0	498	16	8	1	0	0	0
4096	6/18	59° 50.00'	143° 18.02'	118	8.0	659	20	52	6	20	0	0
4097	5/29	59° 50.00'	143° 38.35'	152	8.1	999	23	0	0	57	0	8
4098	5/29	59° 50.00'	143° 58.18'	51	8.2	779	27	240	28	0	0	0
4099	6/19	59° 50.00'	144° 17.90'	35	7.9	189	9	151	20	0	24	0
4100	5/28	60° 00.00'	142° 39.10'	42	8.0	1,180	20	34	5	0	0	0
4101	5/28	60° 00.00'	142° 59.06'	61	8.0	216	5	0	0	0	0	0
4102	6/27	59° 20.00'	146° 16.04'	149	8.0	794	24	46	7	204	0	94
4103	6/27	59° 20.00'	146° 35.25'	79	7.9	784	31	121	16	8	0	0

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

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						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4104	6/28	59° 20.00'	146° 55.15'	102	8.0	1,229	55	119	14	0	0	0
4105	6/28	59° 20.00'	147° 14.93'	100	7.8	1,760	85	96	11	8	0	0
4106	6/7	59° 30.00'	145° 16.27'	72	8.0	2,565	82	247	33	0	0	95
4107	6/7	59° 30.00'	145° 56.05'	88	8.0	1,614	77	75	9	0	0	0
4108	6/27	59° 30.00'	146° 35.14'	50	7.9	210	6	14	2	0	0	0
4109	6/28	59° 30.00'	146° 55.15'	102	7.9	619	20	49	5	31	0	0
4110	6/29	59° 30.00'	147° 13.88'	117	8.0	814	25	52	6	8	0	8
4111	6/29	59° 30.00'	147° 34.02'	61	7.9	147	7	43	5	0	0	0
4112	6/7	59° 40.00'	145° 34.02'	57	8.0	316	6	18	2	0	0	0
4113	6/8	59° 40.00'	145° 53.95'	44	8.1	1,745	59	318	40	0	0	0
4114	6/8	59° 40.00'	146° 13.81'	45	8.0	367	22	256	35	0	0	0
4115	6/9	59° 40.00'	146° 33.02'	48	8.0	1,818	79	486	61	0	10	19
4116	6/3	59° 40.00'	146° 53.28'	60	8.0	29	2	9	1	0	0	0
4117	6/3	59° 40.00'	147° 13.05'	96	8.0	825	40	44	5	0	0	0
4118	6/29	59° 40.00'	147° 33.09'	63	8.0	256	11	11	1	0	0	0
4119	5/30	59° 50.00'	144° 58.71'	107	8.0	790	28	39	4	8	0	0
4120	6/8	59° 50.00'	145° 53.13'	57	8.2	102	4	9	1	0	0	0
4121	6/9	59° 50.00'	146° 12.87'	34	7.9	350	11	11	1	0	0	0
4122	6/9	59° 50.00'	146° 32.97'	37	7.9	1,017	38	160	19	0	0	0
4124	5/31	59° 50.00'	147° 13.43'	75	8.1	483	15	7	1	0	0	0
4125	5/30	60° 00.00'	144° 38.97'	124	8.0	86	4	6	1	40	0	0
4126	5/30	60° 00.00'	144° 59.20'	70	8.0	34	2	0	0	0	0	0
4127	6/26	60° 00.00'	145° 19.11'	65	8.0	180	7	0	0	0	0	0
4128	6/25	60° 00.00'	146° 12.20'	33	8.0	2,066	61	86	11	0	0	0
4129	6/25	60° 00.00'	146° 32.33'	36	8.0	34	2	29	4	0	0	0
4130	5/31	60° 00.00'	146° 51.95'	77	8.0	0	0	0	0	0	0	0
4131	5/31	60° 00.00'	147° 11.84'	100	8.0	426	11	5	1	0	0	0
4132	6/26	60° 10.00'	145° 31.41'	47	8.0	234	7	21	3	0	0	0
4133	6/26	60° 10.00'	145° 51.13'	58	8.0	361	16	12	2	0	0	0
4134	6/25	60° 10.00'	146° 11.10'	43	8.0	785	34	143	18	0	0	0
4135	6/4	60° 10.00'	147° 30.82'	41	8.0	698	28	104	15	0	8	0
4137	6/6	60° 20.00'	147° 31.47'	71	8.1	1,232	47	175	20	0	171	8
4138	6/24	60° 30.00'	146° 29.08'	34	8.0	680	37	288	39	0	0	0
4140	6/6	60° 30.00'	147° 09.89'	114	8.0	664	28	52	7	0	41	0
4141	6/6	60° 30.00'	147° 29.89'	111	8.0	446	16	43	5	0	24	24
4142	6/5	60° 29.00'	147° 50.45'	208	7.9	1,423	48	89	10	71	47	16
4144	6/23	60° 40.00'	147° 09.10'	131	8.0	526	20	39	4	32	32	0
4145	6/23	60° 50.00'	147° 08.17'	176	7.9	678	31	71	8	63	86	0
4146	6/5	60° 50.56'	148° 10.02'	175	8.0	1,029	38	59	7	8	0	24
4147	6/11	58° 39.94'	148° 33.97'	128	8.1	1,706	62	71	9	436	0	8
4148	6/11	58° 40.09'	148° 53.55'	91	8.1	2,767	121	64	8	105	65	0
4149	6/10	58° 50.14'	148° 15.48'	150	8.1	4,919	236	201	23	267	0	0
4150	6/10	58° 50.16'	148° 33.51'	159	8.1	4,119	114	28	4	315	0	0
4151	6/11	58° 49.69'	148° 53.05'	136	8.0	1,735	51	0	0	404	0	0
4152	6/12	58° 49.87'	149° 11.79'	110	8.0	1,204	46	30	3	448	0	0
4153	6/2	59° 00.59'	147° 55.67'	182	8.1	5,874	256	1,020	140	0	24	0
4154	6/10	58° 59.98'	148° 14.54'	118	8.1	3,630	126	106	13	250	48	0
4155	6/9	58° 59.83'	148° 34.08'	131	8.1	1,556	51	8	1	396	0	0
4156	6/8	59° 00.12'	148° 53.34'	114	8.0	2,192	88	19	2	256	0	0
4157	6/12	59° 00.00'	149° 11.90'	115	8.0	948	34	11	1	285	0	0
4158	6/12	58° 59.95'	149° 31.05'	126	8.1	468	21	0	0	331	0	0

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						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4159	6/2	59° 10.07'	147° 35.11'	141	8.1	4,187	160	272	34	127	142	7
4160	6/2	59° 09.64'	147° 53.93'	110	8.1	1,427	56	90	13	65	0	0
4161	6/9	59° 09.66'	148° 15.00'	67	8.1	3,791	169	1,206	155	0	0	97
4162	6/9	59° 10.07'	148° 33.45'	84	8.1	1,077	49	160	20	73	8	0
4163	6/8	59° 09.50'	148° 53.59'	96	8.0	1,328	52	49	6	48	0	0
4164	6/8	59° 09.48'	149° 11.91'	84	8.1	1,305	58	142	16	8	57	0
4165	6/17	59° 09.86'	149° 32.22'	87	8.1	1,110	51	57	7	16	8	0
4166	6/17	59° 10.21'	149° 50.11'	72	8.0	251	13	22	3	0	0	0
4167	6/1	59° 20.48'	147° 35.27'	65	8.1	1,484	41	104	13	0	0	16
4168	6/1	59° 19.88'	147° 54.36'	100	8.0	630	22	23	3	8	0	0
4169	5/31	59° 19.99'	148° 13.41'	86	8.0	551	22	44	5	0	0	0
4170	5/31	59° 19.94'	148° 33.20'	49	8.1	2,181	65	593	71	0	0	48
4171	6/7	59° 20.29'	148° 52.62'	93	8.0	751	34	41	5	0	0	0
4172	6/7	59° 20.16'	149° 11.09'	104	8.2	1,739	75	41	4	41	0	0
4173	6/15	59° 20.09'	149° 32.25'	64	8.1	2,637	107	214	32	0	65	0
4174	6/17	59° 19.70'	149° 51.10'	103	8.0	543	24	0	0	8	0	0
4175	6/16	59° 19.90'	150° 10.71'	85	8.1	683	27	0	0	0	8	0
4176	6/1	59° 29.85'	147° 53.39'	62	8.1	927	21	87	11	0	0	0
4177	5/30	59° 30.21'	148° 13.03'	112	8.2	1,007	34	93	11	16	33	0
4178	5/31	59° 29.77'	148° 33.38'	53	8.1	159	4	89	14	0	0	0
4179	6/7	59° 30.01'	148° 51.77'	90	8.0	73	3	17	2	8	0	0
4180	6/15	59° 29.97'	149° 12.09'	126	8.1	1,242	41	37	5	73	81	0
4181	6/15	59° 29.73'	149° 32.51'	55	8.1	752	42	504	69	0	0	0
4182	6/16	59° 30.19'	149° 52.86'	109	8.0	1,205	42	21	3	152	192	8
4183	6/16	59° 30.19'	150° 10.53'	64	8.1	1,444	69	230	29	0	0	0
4184	5/30	59° 39.96'	147° 52.98'	37	8.0	3,212	76	99	12	0	0	56
4185	5/30	59° 39.60'	148° 13.03'	76	8.1	92	4	25	3	24	0	0
4186	5/29	59° 39.78'	148° 32.02'	114	8.0	475	15	10	2	0	8	0
4187	5/28	59° 39.96'	148° 51.85'	96	8.0	303	12	0	0	8	0	0
4188	6/6	59° 40.31'	149° 12.45'	114	8.0	1,113	28	15	2	64	16	0
4189	6/6	59° 39.73'	149° 32.24'	149	8.0	359	15	15	2	152	40	0
4190	5/29	59° 50.04'	148° 11.95'	51	8.1	718	38	618	90	0	0	0
4191	5/29	59° 50.08'	148° 32.22'	72	8.2	370	9	37	5	16	33	0
4192	5/28	59° 50.03'	148° 51.98'	93	8.2	687	21	38	6	16	8	0
4193	5/28	59° 49.99'	149° 11.96'	76	8.1	801	35	163	21	0	0	0
4194	6/6	59° 49.73'	149° 31.82'	89	8.1	163	6	6	1	40	8	0
4195	7/3	58° 00.06'	149° 13.74'	78	8.0	5,603	274	244	30	0	8	0
4196	7/3	58° 09.70'	148° 53.98'	74	8.0	5,028	237	604	75	0	0	8
4197	7/3	58° 09.80'	149° 12.38'	62	8.1	8,887	359	509	59	0	0	32
4198	7/6	58° 10.12'	149° 32.32'	66	8.1	8,264	346	626	72	0	0	65
4199	7/6	58° 09.86'	149° 50.69'	79	8.1	6,081	318	657	74	0	0	0
4200	7/4	58° 19.79'	148° 35.95'	97	8.1	2,134	112	486	64	0	0	0
4201	7/4	58° 19.97'	148° 53.82'	69	8.2	3,002	146	1,475	211	0	0	0
4202	7/5	58° 20.27'	149° 12.89'	85	8.1	6,114	280	242	31	32	16	0
4203	7/6	58° 19.41'	149° 32.55'	78	8.1	3,120	171	331	36	8	8	0
4204	7/7	58° 19.72'	149° 50.83'	42	8.0	4,247	324	2,289	258	0	0	0
4205	7/8	58° 20.17'	150° 11.55'	27	8.1	3,798	250	1,993	234	0	0	0
4206	7/8	58° 20.15'	150° 28.52'	29	8.1	126	8	97	14	0	0	0
4207	7/4	58° 29.60'	148° 35.02'	76	8.1	6,444	281	689	86	0	0	0
4208	7/5	58° 29.89'	148° 52.75'	61	8.0	5,776	211	719	91	0	0	0
4209	7/5	58° 30.07'	149° 12.54'	66	8.1	3,933	169	551	76	0	210	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.

2003 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
4210	6/19	58° 29.84'	149° 32.28'	77	8.1	3,497	176	201	24	40	57	0
4211	7/7	58° 29.64'	149° 50.87'	74	8.1	3,456	185	305	35	81	16	8
4212	7/7	58° 29.93'	150° 08.86'	74	8.1	5,596	321	921	103	8	0	0
4213	7/8	58° 29.96'	150° 29.70'	47	8.1	1,979	154	2,160	286	0	0	0
4214	6/29	58° 29.94'	150° 48.10'	54	8.1	1,613	82	211	25	8	8	0
4215	6/19	58° 39.95'	149° 12.68'	76	8.0	1,779	69	234	32	8	32	0
4216	6/19	58° 39.91'	149° 31.35'	74	8.1	2,621	113	140	16	40	234	8
4217	6/20	58° 39.81'	149° 50.96'	81	8.0	2,671	126	81	9	56	24	0
4218	6/20	58° 39.95'	150° 09.75'	68	8.1	3,393	143	204	24	8	57	0
4219	6/29	58° 40.28'	150° 30.02'	111	8.1	198	11	29	3	65	40	0
4220	6/29	58° 39.66'	150° 47.88'	109	8.2	750	35	20	2	98	16	0
4221	7/9	58° 39.78'	151° 08.11'	103	8.0	1,364	63	183	22	232	16	0
4222	6/18	58° 50.00'	149° 32.68'	122	8.1	462	18	28	4	452	8	0
4224	6/20	58° 49.94'	150° 09.84'	89	8.0	2,675	108	65	8	88	96	0
4225	6/28	58° 49.70'	150° 30.32'	95	8.2	1,571	69	74	8	82	16	0
4226	6/28	58° 50.02'	150° 49.19'	96	8.2	1,350	56	88	10	82	57	0
4227	7/9	58° 49.70'	151° 08.47'	71	8.1	4,190	217	1,276	144	16	24	0
4228	7/9	58° 50.17'	151° 30.23'	61	8.1	1,711	89	771	101	0	0	0
4229	6/18	58° 59.89'	149° 50.59'	123	8.0	488	25	40	4	160	0	0
4230	6/27	58° 59.97'	150° 11.38'	101	8.1	461	16	8	1	129	8	0
4231	6/27	59° 00.16'	150° 29.70'	64	8.2	620	35	448	58	0	0	0
4232	6/28	59° 00.06'	150° 50.09'	87	8.0	1,545	57	30	4	72	8	0
4233	6/25	58° 59.97'	151° 09.43'	78	8.1	1,228	55	65	7	0	16	8
4234	6/25	59° 00.16'	151° 27.95'	72	8.1	1,271	60	195	22	0	0	0
4235	6/28	59° 09.95'	150° 11.36'	66	8.1	1,472	62	159	25	24	32	0
4236	6/26	59° 09.64'	150° 30.47'	62	8.0	1,188	62	259	31	0	16	0
4237	6/26	59° 09.73'	150° 50.03'	63	8.1	2,239	131	375	43	0	32	16
4238	6/25	59° 09.79'	151° 08.61'	34	8.1	3,493	191	957	115	0	8	8
4239	6/26	59° 20.00'	150° 31.12'	126	5.9	2,197	71	85	10	20	244	20
4240	8/1	57° 19.99'	150° 46.08'	88	8.0	2,556	119	157	16	87	71	0
4241	7/31	57° 30.03'	150° 08.99'	243	8.0	235	8	0	0	48	0	48
4242	7/31	57° 29.93'	150° 28.02'	85	8.0	4,064	209	614	68	8	111	0
4243	8/3	57° 30.03'	150° 46.08'	54	8.0	3,407	176	1,221	144	0	8	0
4244	7/16	57° 39.91'	149° 50.02'	231	8.0	92	4	0	0	168	0	16
4245	7/16	57° 40.02'	150° 08.88'	114	8.0	2,008	118	408	45	119	32	0
4246	7/31	57° 40.04'	150° 27.89'	52	8.0	1,345	94	2,306	267	0	24	0
4247	8/4	57° 39.98'	150° 47.19'	46	8.0	5,485	208	928	106	0	0	0
4248	8/3	57° 40.01'	151° 04.88'	40	7.9	2,661	180	1,795	205	0	0	0
4249	8/6	57° 39.99'	151° 24.23'	35	7.9	1,403	95	1,229	135	0	9	0
4250	7/17	57° 49.95'	149° 32.00'	206	8.0	1,465	65	0	0	184	0	8
4251	7/17	57° 50.02'	149° 49.98'	140	8.0	1,352	64	352	41	88	0	0
4252	7/16	57° 50.02'	150° 09.01'	108	8.0	2,279	165	433	47	48	111	0
4253	8/4	57° 49.36'	150° 28.02'	50	8.0	7,742	273	1,026	116	0	0	8
4254	8/4	57° 50.09'	150° 46.98'	46	8.0	3,116	164	1,723	197	0	0	0
4255	8/5	57° 49.98'	151° 06.09'	38	8.0	3,395	122	830	96	0	55	0
4256	8/5	57° 50.01'	151° 24.19'	30	8.0	1,363	80	1,142	131	0	8	0
4257	7/13	57° 50.12'	151° 42.98'	31	8.0	1,301	89	891	107	0	0	0
4258	6/3	57° 50.00'	152° 02.02'	49	8.0	2,336	105	580	79	0	192	0
4259	7/17	57° 59.98'	149° 32.06'	79	8.0	8,660	427	384	41	0	0	0
4260	7/18	58° 00.02'	149° 50.99'	125	8.0	2,693	125	148	16	214	16	0
4261	7/18	58° 00.09'	150° 08.99'	124	8.0	1,476	82	86	9	71	16	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.

2003 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
4262	7/15	58° 00.00'	150° 27.96'	89	8.0	2,012	137	726	78	55	55	0
4263	7/15	58° 00.00'	150° 46.95'	72	8.0	2,241	102	342	39	71	32	0
4264	7/14	58° 00.00'	151° 06.10'	46	8.0	3,376	136	1,354	163	0	8	0
4265	8/5	58° 00.03'	151° 25.00'	44	8.0	422	28	751	95	8	55	0
4266	6/5	57° 59.97'	151° 43.98'	64	8.0	2,933	151	382	43	0	87	0
4267	6/5	57° 59.99'	152° 03.11'	97	8.0	1,741	61	42	6	0	344	0
4268	6/3	57° 59.97'	152° 21.71'	115	8.0	1,487	74	202	25	8	240	0
4269	7/18	58° 09.95'	150° 10.00'	81	8.0	6,340	379	826	88	0	10	0
4270	7/15	58° 09.95'	150° 29.01'	62	8.0	4,811	299	1,158	126	0	0	0
4271	7/14	58° 09.99'	150° 47.95'	60	8.0	639	42	131	15	0	32	0
4272	7/14	58° 09.98'	151° 06.98'	77	8.0	1,558	56	44	5	87	32	0
4273	6/6	58° 09.57'	151° 25.02'	91	8.1	1,622	64	79	9	0	48	0
4274	6/5	58° 10.00'	151° 44.80'	30	8.0	9,679	275	240	27	0	0	0
4275	6/9	58° 20.15'	150° 48.00'	36	8.0	613	44	517	61	0	8	0
4276	6/9	58° 20.13'	151° 07.02'	68	8.0	1,345	60	50	6	0	0	0
4277	6/6	58° 20.00'	151° 26.08'	39	8.0	2,827	206	1,882	223	0	0	0
4278	6/6	58° 20.06'	151° 44.99'	32	8.0	5,020	159	38	5	0	0	0
4279	6/9	58° 29.99'	151° 07.06'	54	7.9	423	24	79	9	8	0	0
4280	6/7	58° 30.05'	151° 27.00'	93	8.0	1,837	88	60	7	48	40	0
4281	6/7	58° 30.04'	151° 46.02'	101	8.0	878	19	0	0	24	48	0
4282	6/7	58° 40.02'	151° 26.99'	102	7.9	1,645	59	18	2	0	16	0
4283	6/8	58° 40.09'	151° 46.00'	72	8.0	1,729	59	42	5	0	0	0
4284	6/8	58° 40.00'	152° 06.02'	71	8.0	1,128	64	110	12	0	0	0
4285	6/8	58° 49.98'	152° 05.96'	55	8.0	2,463	120	424	48	0	0	0
4286	8/16	56° 20.00'	152° 49.98'	59	8.0	4,759	243	743	85	0	32	0
4287	7/1	56° 20.02'	153° 08.21'	49	8.0	1,874	118	783	95	8	0	0
4288	7/1	56° 20.00'	153° 26.23'	32	8.0	3,982	249	1,341	152	0	0	0
4289	8/15	56° 29.98'	152° 15.07'	124	8.0	2,647	137	362	39	48	0	8
4290	8/15	56° 29.91'	152° 32.99'	147	7.9	1,484	66	57	6	141	0	8
4291	8/14	56° 29.91'	152° 51.02'	28	8.0	5,725	312	817	90	0	0	0
4292	8/11	56° 29.99'	153° 09.10'	40	8.0	2,049	148	1,084	131	0	55	0
4293	8/11	56° 29.95'	153° 27.01'	47	8.0	2,486	156	1,365	161	0	55	0
4294	8/11	56° 29.94'	153° 45.00'	38	8.0	5,769	162	199	24	0	10	0
4295	7/2	56° 39.91'	151° 56.99'	34	8.0	7,728	369	881	102	0	0	0
4296	7/2	56° 39.98'	152° 15.00'	26	8.0	5,464	238	1,642	201	0	0	0
4297	8/15	56° 39.77'	152° 34.00'	75	8.0	2,393	160	1,102	125	8	40	0
4298	8/14	56° 39.85'	152° 52.08'	38	8.0	3,069	195	1,411	163	0	0	0
4299	8/14	56° 39.98'	153° 10.08'	83	8.0	1,071	47	115	14	0	0	0
4300	8/10	56° 39.86'	153° 28.02'	78	8.0	3,383	170	295	34	0	71	0
4301	8/10	56° 39.98'	153° 46.09'	45	7.9	1,985	98	739	97	0	0	0
4302	7/10	56° 49.91'	151° 40.00'	165	8.0	283	13	33	4	222	0	8
4303	7/10	56° 50.01'	151° 57.98'	42	8.0	6,876	261	1,007	116	0	0	0
4304	7/9	56° 50.00'	152° 16.13'	52	8.0	1,837	140	2,188	263	0	0	0
4305	7/9	56° 50.00'	152° 35.15'	75	8.0	3,545	204	544	61	16	16	0
4306	8/13	56° 50.00'	152° 53.01'	35	8.0	1,887	138	1,663	189	0	0	0
4307	8/13	56° 50.00'	153° 11.00'	45	8.0	4,874	283	931	103	0	0	0
4308	8/10	56° 49.91'	153° 29.03'	52	8.0	2,619	129	426	52	0	0	0
4309	7/10	56° 59.98'	151° 40.09'	36	8.0	6,760	319	1,015	116	0	0	0
4310	7/11	56° 59.91'	151° 59.00'	44	8.0	1,881	130	2,335	265	0	0	0
4311	7/9	57° 00.00'	152° 17.09'	40	8.0	3,470	180	1,153	134	0	0	0
4312	7/8	56° 59.92'	152° 35.00'	85	8.0	2,276	119	181	19	144	8	0

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² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

2003 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
4313	7/8	57° 00.00'	152° 54.11'	63	8.0	1,725	87	375	45	16	32	0
4314	8/1	57° 09.84'	151° 03.99'	215	8.0	63	2	0	0	206	0	0
4315	8/2	57° 09.95'	151° 21.99'	71	8.0	5,535	280	634	71	0	32	0
4316	7/11	57° 10.00'	151° 40.84'	40	7.9	3,898	213	834	99	0	0	0
4317	7/11	57° 09.95'	151° 59.00'	38	7.9	2,253	101	385	43	0	0	0
4318	7/7	57° 10.00'	152° 18.09'	43	8.0	1,385	87	445	51	0	8	0
4319	7/8	57° 09.96'	152° 36.00'	53	8.0	1,591	86	682	87	0	136	0
4320	8/1	57° 19.93'	151° 03.98'	50	8.0	3,583	175	1,117	137	0	0	0
4321	8/2	57° 19.98'	151° 22.81'	74	8.0	2,606	137	443	51	24	32	0
4322	8/2	57° 19.93'	151° 40.99'	34	8.0	2,409	153	1,711	199	0	0	0
4323	7/7	57° 20.00'	152° 00.23'	41	8.0	1,357	72	263	28	0	8	0
4324	7/7	57° 20.06'	152° 18.04'	21	7.9	4,437	158	156	20	0	0	0
4325	8/3	57° 30.02'	151° 05.00'	44	8.0	1,755	114	1,682	199	0	0	0
4326	8/6	57° 30.01'	151° 23.10'	52	8.0	2,223	160	958	112	0	79	0
4327	7/6	57° 30.00'	151° 42.00'	61	8.0	1,745	99	517	61	16	64	0
4328	7/6	57° 29.99'	152° 00.88'	27	8.0	4,328	215	734	83	0	8	0
4329	8/6	57° 40.00'	151° 43.13'	36	8.0	1,163	93	1,299	148	0	8	0
4330	7/6	57° 40.02'	152° 01.01'	78	8.0	1,995	96	285	32	0	40	0
4331	6/15	57° 30.09'	154° 54.97'	125	8.0	769	35	68	9	16	48	0
4332	6/14	57° 39.99'	154° 35.06'	118	8.0	1,317	53	63	9	64	128	0
4333	6/15	57° 40.00'	154° 54.17'	128	8.0	1,524	64	84	10	16	79	0
4334	6/15	57° 39.81'	155° 13.04'	162	8.0	1,197	54	43	5	40	56	0
4335	6/16	57° 50.07'	154° 14.84'	113	8.0	2,333	134	214	25	40	8	0
4336	6/14	57° 49.97'	154° 34.22'	126	8.0	838	36	47	6	48	16	0
4337	6/14	57° 49.95'	154° 53.06'	158	8.0	783	37	33	4	55	55	0
4338	6/17	58° 00.01'	153° 37.27'	91	8.0	1,476	67	149	20	0	8	0
4339	6/17	57° 59.98'	153° 55.98'	110	8.0	1,889	90	100	12	55	0	0
4340	6/16	57° 59.95'	154° 14.27'	128	8.0	704	35	27	4	8	40	0
4341	6/19	58° 10.03'	153° 18.95'	61	8.0	512	38	748	99	40	79	0
4342	6/17	58° 10.00'	153° 38.14'	106	7.9	1,668	79	40	5	8	0	0
4343	6/18	58° 09.91'	153° 57.12'	116	8.0	895	47	73	9	55	40	0
4344	6/8	58° 20.13'	153° 20.22'	95	8.0	457	23	40	5	32	8	0
4345	6/18	58° 19.91'	153° 39.17'	97	8.0	1,032	38	87	10	40	24	0
4346	6/18	58° 20.04'	153° 58.02'	47	8.0	1,350	49	307	42	0	103	0
4347	6/19	58° 30.04'	153° 01.82'	93	8.0	1,149	53	97	11	24	16	0
4348	6/8	58° 29.98'	153° 21.06'	99	8.0	634	30	170	21	8	48	0
4349	6/8	58° 29.95'	153° 41.02'	55	8.0	1,531	46	177	23	0	32	0
4350	6/10	58° 40.25'	152° 43.80'	111	8.0	743	37	85	10	48	32	0
4351	6/9	58° 39.98'	153° 03.08'	88	8.0	1,901	73	45	6	0	16	0
4352	6/9	58° 39.83'	153° 22.70'	27	7.9	1,272	52	390	55	0	63	0
4353	6/10	58° 50.02'	152° 26.11'	97	8.0	4,335	224	193	21	0	32	8
4354	6/10	58° 50.02'	152° 44.84'	104	8.0	428	18	68	9	0	40	0
4355	6/7	58° 49.95'	153° 03.89'	90	8.0	811	22	33	4	8	0	0
4356	6/6	59° 00.04'	151° 48.58'	78	8.0	3,972	261	1,070	120	0	16	0
4357	6/6	59° 00.00'	152° 06.65'	79	8.0	5,822	310	1,086	125	0	8	0
4359	6/7	59° 00.03'	152° 46.13'	93	8.0	1,637	76	116	15	0	72	0
4360	6/7	58° 59.97'	153° 05.08'	84	8.0	1,300	50	96	12	0	8	0
4361	6/5	59° 09.96'	152° 07.79'	78	8.0	2,519	168	1,088	131	0	16	0
4362	5/31	59° 09.96'	152° 27.22'	57	8.0	905	48	258	37	0	16	0
4363	5/31	59° 10.01'	152° 47.02'	77	7.9	1,920	92	232	28	16	24	0
4364	5/30	59° 09.97'	153° 06.33'	46	8.0	396	19	266	33	0	8	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.

2003 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	
4365	5/30	59° 09.99'	153° 25.62'	22	8.0	874	42	226	32	0	128	0	
4366	6/5	59° 19.93'	152° 08.89'	40	8.0	2,504	173	1,801	236	0	0	0	
4367	5/31	59° 19.96'	152° 28.44'	39	8.0	1,274	49	274	38	0	55	0	
4368	5/29	59° 19.95'	152° 48.20'	42	8.0	496	22	222	32	0	0	0	
4369	5/30	59° 20.21'	153° 07.65'	28	8.0	617	30	350	45	0	38	0	
4370	5/27	59° 29.95'	151° 50.40'	39	8.0	2,192	103	465	66	0	32	0	
4371	5/27	59° 29.98'	152° 09.69'	22	8.0	2,236	92	1,110	147	0	8	0	
4372	5/29	59° 30.07'	152° 28.92'	31	8.0	1,806	97	732	102	0	8	0	
4373	5/29	59° 29.79'	152° 48.98'	28	8.0	1,103	63	371	51	0	48	0	
4374	5/28	59° 40.02'	152° 29.98'	43	8.0	2,851	101	30	4	0	64	0	
4375	5/28	59° 50.09'	152° 11.16'	28	8.0	1,236	76	1,099	153	0	0	0	
368 Stations						Totals	675,311	29,979	121,491	14,703	11,631	6,674	1,326

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.