

**2006 IPHC Stock Assessment Survey
Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4001	6/17	57° 50.00'	137° 12.97'	166	6.0	462	14	0	0	185	0	65
4002	6/24	58° 00.00'	136° 54.42'	225	6.0	35	2	7	1	215	0	15
4003	6/24	58° 00.00'	137° 12.00'	108	6.0	1,268	57	76	11	55	0	10
4004	6/6	58° 00.00'	137° 30.24'	87	6.0	1,794	49	111	15	20	0	30
4005	6/6	58° 00.00'	137° 49.93'	98	6.0	972	38	183	23	0	0	20
4006	6/24	58° 10.00'	136° 55.22'	106	6.0	687	25	29	4	119	0	5
4007	6/24	58° 09.99'	137° 11.21'	65	6.0	1,613	49	141	20	0	0	5
4008	6/6	58° 10.00'	137° 30.09'	77	6.0	54	3	64	9	0	0	0
4009	6/6	58° 10.00'	137° 49.01'	84	6.0	153	4	10	1	0	0	0
4010	6/7	58° 10.00'	138° 07.99'	80	6.0	225	9	15	2	0	0	0
4011	6/15	58° 10.00'	138° 27.04'	88	6.0	1,987	72	123	15	0	0	15
4012	6/15	58° 10.00'	138° 46.00'	100	6.0	3,119	107	551	73	0	0	30
4013	6/5	58° 20.00'	137° 10.16'	90	6.0	0	0	0	0	0	0	0
4014	6/5	58° 20.00'	137° 29.09'	100	6.0	0	0	0	0	0	0	0
4015	6/7	58° 20.00'	137° 48.50'	93	6.0	76	2	0	0	0	0	0
4016	6/7	58° 20.00'	138° 07.40'	70	6.0	250	11	35	4	0	0	0
4017	6/7	58° 20.01'	138° 25.90'	70	6.0	84	2	0	0	0	0	0
4018	6/15	58° 20.00'	138° 46.76'	65	6.0	1,499	41	350	55	0	0	25
4019	6/15	58° 20.00'	139° 04.80'	59	6.0	2,184	78	218	29	0	0	35
4020	6/8	58° 20.00'	139° 24.31'	147	6.0	2,879	97	10	1	30	0	0
4021	6/5	58° 30.00'	137° 28.48'	40	6.0	34	1	38	7	0	0	0
4022	6/5	58° 30.01'	137° 46.61'	84	6.0	20	1	0	0	0	0	0
4023	6/16	58° 30.00'	138° 07.43'	71	6.0	294	5	11	1	0	0	0
4024	6/16	58° 30.00'	138° 25.64'	63	6.0	61	3	0	0	0	0	0
4025	6/8	58° 30.00'	138° 44.56'	51	6.0	399	11	25	3	0	0	10
4026	6/8	58° 30.00'	139° 03.27'	55	6.0	293	12	37	5	0	0	0
4027	6/8	58° 30.00'	139° 22.76'	89	6.0	2,640	107	407	54	0	0	15
4028	6/9	58° 30.00'	139° 41.37'	135	6.0	829	42	30	5	65	0	0
4029	6/16	58° 40.00'	138° 05.81'	51	6.0	468	9	0	0	0	0	5
4030	6/16	58° 40.00'	138° 24.81'	73	6.0	0	0	0	0	0	0	0
4031	6/10	58° 40.00'	138° 44.02'	53	6.0	567	7	0	0	0	0	0
4032	6/10	58° 40.00'	139° 03.76'	77	6.0	72	3	0	0	0	0	0
4033	6/9	58° 40.01'	139° 23.06'	136	6.0	648	20	0	0	15	0	0
4034	6/9	58° 40.00'	139° 42.45'	102	6.0	424	13	55	6	5	0	0
4035	6/9	58° 40.02'	140° 01.14'	103	6.0	2,317	76	440	58	0	0	0
4036	6/14	58° 50.00'	138° 06.13'	30	6.0	0	0	0	0	0	0	0
4037	6/14	58° 50.00'	138° 24.20'	38	6.0	373	11	11	1	0	0	0
4038	6/10	58° 50.00'	138° 43.80'	65	6.0	24	1	0	0	0	0	0
4039	6/10	58° 50.00'	139° 03.17'	102	6.0	24	1	0	0	0	0	0
4040	6/11	58° 50.00'	139° 22.86'	74	6.0	305	6	47	5	0	0	0
4041	6/11	58° 50.00'	139° 42.33'	87	6.0	94	3	8	1	0	0	0
4042	6/11	58° 50.00'	140° 01.42'	93	6.0	387	13	86	10	0	0	10
4043	6/14	59° 00.00'	138° 23.30'	34	6.0	346	17	154	21	0	0	0
4044	6/14	59° 00.00'	138° 42.97'	85	6.0	15	1	0	0	0	0	0
4045	6/13	59° 00.00'	139° 01.85'	56	6.0	17	1	14	2	0	0	0
4046	6/13	59° 00.00'	139° 22.29'	59	6.0	135	2	0	0	0	0	0
4047	6/11	59° 00.00'	139° 40.50'	65	6.0	554	16	83	9	0	0	0
4048	6/13	59° 10.00'	139° 02.56'	30	6.0	31	2	24	3	0	0	0
4049	6/13	59° 10.00'	139° 20.95'	52	6.0	0	0	0	0	0	0	0
4051	8/23	58° 50.09'	140° 19.36'	99	6.0	958	27	217	26	10	0	0
4052	8/22	58° 50.09'	140° 39.83'	104	6.1	1,573	49	432	60	76	0	0
4053	8/23	58° 59.85'	140° 01.56'	72	6.0	2,221	84	550	71	0	5	10
4054	8/23	58° 59.74'	140° 19.45'	84	6.0	761	30	398	51	0	0	10
4055	8/22	58° 59.49'	140° 39.97'	98	6.0	1,664	50	618	81	10	0	5
4056	8/22	59° 00.09'	140° 58.22'	104	6.1	3,107	91	370	53	10	0	0
4057	6/5	59° 10.18'	139° 40.50'	72	6.1	202	10	61	7	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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Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4058	6/5	59° 09.97'	139° 59.81'	63	6.1	350	11	10	1	0	0	0
4059	6/6	59° 10.19'	140° 20.11'	71	6.1	1,291	37	221	30	0	0	0
4060	6/7	59° 10.23'	140° 39.23'	82	6.0	448	25	154	19	0	0	0
4061	8/21	59° 09.93'	140° 59.52'	97	6.1	3,321	85	422	54	20	0	0
4062	8/21	59° 10.09'	141° 16.96'	186	6.0	346	8	11	2	75	0	5
4063	8/20	59° 09.96'	141° 38.22'	117	6.0	2,987	111	126	18	70	0	0
4064	6/5	59° 19.84'	139° 40.33'	87	6.0	93	3	7	1	0	0	0
4065	6/6	59° 19.73'	139° 59.42'	85	6.0	284	6	9	1	0	0	0
4066	6/6	59° 19.73'	140° 19.56'	69	6.1	344	4	14	2	0	0	0
4067	6/7	59° 20.00'	140° 38.91'	77	6.1	74	1	0	0	0	0	0
4068	6/7	59° 19.86'	140° 58.79'	86	6.1	429	15	96	12	0	0	0
4069	8/21	59° 19.45'	141° 18.48'	185	6.0	835	19	25	3	175	0	15
4070	8/20	59° 19.76'	141° 38.41'	102	6.0	825	27	144	18	5	0	0
4071	8/20	59° 20.21'	141° 57.64'	113	6.1	1,762	61	247	34	25	0	5
4072	6/10	59° 30.01'	140° 00.10'	64	6.1	91	4	80	10	0	0	0
4073	6/10	59° 30.09'	140° 19.57'	123	6.1	247	4	0	0	5	0	0
4074	6/9	59° 30.06'	140° 38.92'	150	6.1	253	8	0	0	0	0	0
4075	6/9	59° 30.02'	140° 59.05'	159	6.0	343	8	11	1	20	0	5
4076	6/8	59° 30.20'	141° 19.68'	88	6.1	104	5	0	0	0	0	0
4077	8/19	59° 30.02'	141° 37.44'	87	6.1	49	2	10	1	0	0	0
4078	8/19	59° 30.42'	141° 57.72'	96	6.0	63	3	21	2	0	0	0
4079	6/10	59° 40.25'	140° 00.03'	70	6.1	947	31	80	9	5	15	0
4080	6/9	59° 39.88'	140° 58.96'	29	6.1	267	7	37	6	0	10	0
4081	6/8	59° 40.12'	141° 19.35'	34	6.1	365	9	68	9	0	25	0
4082	6/8	59° 39.76'	141° 37.72'	51	6.0	393	11	8	1	0	0	0
4083	8/19	59° 39.48'	141° 57.15'	79	6.0	77	3	0	0	5	0	0
4084	6/13	59° 40.31'	142° 18.43'	116	6.0	574	12	25	3	0	0	0
4085	6/15	59° 39.91'	142° 38.29'	213	6.0	755	22	8	1	207	0	10
4086	6/15	59° 40.03'	142° 58.00'	111	6.1	2,886	112	107	14	10	0	0
4087	6/16	59° 39.78'	143° 16.51'	145	6.0	2,806	76	18	3	85	5	25
4088	6/17	59° 40.03'	143° 36.93'	78	6.0	2,150	51	44	5	0	0	35
4089	6/17	59° 39.97'	143° 57.01'	70	6.0	1,870	57	105	16	0	0	5
4090	6/24	59° 40.10'	144° 17.05'	86	6.0	1,559	54	55	7	0	0	0
4091	6/24	59° 39.99'	144° 36.56'	78	6.0	289	7	0	0	0	0	0
4092	6/13	59° 49.61'	141° 59.30'	39	6.0	88	4	44	6	0	0	0
4093	6/13	59° 49.91'	142° 17.88'	48	6.0	834	24	88	12	0	0	5
4094	6/14	59° 49.95'	142° 38.16'	91	6.0	591	15	19	2	0	0	0
4095	6/15	59° 49.53'	142° 56.45'	96	6.0	74	2	0	0	0	0	0
4096	6/16	59° 49.91'	143° 18.23'	123	6.0	556	16	0	0	5	0	5
4097	6/16	59° 49.89'	143° 37.71'	153	6.0	1,409	28	0	0	116	0	45
4098	6/17	59° 49.84'	143° 57.62'	52	6.1	261	7	26	3	0	0	0
4099	6/24	59° 49.73'	144° 17.76'	35	6.0	503	17	135	20	0	25	0
4100	6/14	59° 59.73'	142° 38.81'	44	6.0	2,305	44	25	4	0	0	5
4101	6/14	59° 59.78'	142° 58.56'	62	6.0	128	3	19	2	0	0	0
4102	6/22	59° 20.14'	146° 15.69'	146	6.0	904	28	58	7	25	0	55
4103	6/22	59° 20.23'	146° 35.42'	77	6.1	1,075	39	30	4	0	0	0
4104	8/13	59° 19.95'	146° 54.93'	105	6.1	167	6	8	1	5	0	0
4105	8/12	59° 20.23'	147° 15.37'	101	6.1	277	8	7	1	5	0	0
4106	6/23	59° 30.20'	145° 16.09'	68	6.0	4,124	115	201	27	0	0	185
4107	6/23	59° 30.36'	145° 54.45'	103	6.0	2,278	96	113	14	0	10	0
4108	6/22	59° 29.72'	146° 35.16'	47	6.0	1,041	34	186	24	0	0	5
4109	8/13	59° 29.87'	146° 54.19'	104	6.0	22	1	0	0	0	0	0
4110	8/12	59° 29.80'	147° 14.46'	117	6.0	189	8	40	4	20	0	5
4111	8/12	59° 29.88'	147° 33.90'	63	6.0	134	5	22	3	0	0	0
4112	8/16	59° 39.99'	145° 34.04'	56	6.1	220	10	6	1	0	0	0
4113	8/16	59° 40.70'	145° 54.15'	41	6.0	1,489	62	279	30	0	0	30

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.

2006 IPHC Stock Assessment Survey

3 of 7

Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4114	8/15	59° 40.38'	146° 14.46'	45	6.0	1,682	63	484	71	0	0	0
4115	8/15	59° 40.05'	146° 34.11'	46	6.0	1,638	51	441	63	0	0	20
4116	8/13	59° 39.30'	146° 52.98'	61	6.0	18	1	0	0	0	0	0
4117	7/8	59° 40.50'	147° 13.54'	89	6.0	163	8	10	1	15	0	0
4118	7/8	59° 40.26'	147° 33.09'	63	6.1	648	22	47	5	0	0	0
4119	6/25	59° 50.41'	144° 59.05'	107	6.0	421	7	0	0	0	10	0
4120	8/16	59° 50.02'	145° 54.41'	55	6.0	0	0	0	0	0	0	0
4121	8/15	59° 50.26'	146° 13.88'	32	6.0	1,095	44	122	14	0	0	5
4122	8/15	59° 49.85'	146° 33.83'	38	6.1	1,257	27	118	17	0	0	0
4123	8/14	59° 50.06'	146° 53.25'	43	6.1	441	19	194	27	0	0	0
4124	7/8	59° 50.14'	147° 13.48'	71	6.0	111	7	36	5	0	0	0
4125	6/25	59° 59.78'	144° 39.13'	124	6.1	28	1	0	0	20	15	0
4126	6/25	59° 59.97'	144° 58.98'	80	6.1	28	1	0	0	0	0	0
4127	6/26	59° 59.94'	145° 19.07'	65	6.0	27	2	34	4	0	0	0
4128	6/27	60° 00.03'	146° 12.21'	33	6.0	2,902	98	547	72	0	0	0
4129	6/27	60° 00.03'	146° 31.85'	35	6.1	321	17	732	116	0	0	0
4130	8/14	59° 59.98'	146° 52.36'	77	6.0	75	2	0	0	0	0	0
4131	8/14	59° 59.58'	147° 12.39'	100	6.0	221	5	18	3	5	0	0
4132	6/26	60° 10.01'	145° 31.34'	47	6.0	11	1	22	3	0	0	0
4133	6/26	60° 09.97'	145° 50.81'	58	6.0	52	4	27	3	0	0	0
4134	6/27	60° 10.12'	146° 11.38'	44	6.0	510	32	459	73	0	15	0
4135	7/6	60° 10.22'	147° 30.85'	34	6.0	757	39	526	75	0	21	10
4136	7/6	60° 09.88'	147° 50.58'	184	6.0	1,050	49	227	28	5	5	20
4137	7/6	60° 19.84'	147° 30.81'	60	6.0	1,227	55	197	24	0	85	20
4138	7/3	60° 30.22'	146° 29.40'	41	6.0	1,003	43	358	50	0	0	0
4139	7/3	60° 29.86'	146° 48.77'	217	6.0	304	9	0	0	30	0	0
4140	7/7	60° 30.05'	147° 09.83'	92	6.0	628	24	123	14	0	20	0
4141	7/7	60° 29.84'	147° 29.76'	104	6.0	276	16	31	4	5	50	5
4142	7/5	60° 29.11'	147° 50.13'	254	6.0	899	36	59	7	79	0	10
4143	7/4	60° 39.82'	146° 49.10'	229	6.0	569	25	9	1	37	0	0
4144	7/4	60° 40.13'	147° 09.00'	131	6.0	908	47	142	16	10	15	5
4145	7/4	60° 49.88'	147° 08.19'	161	6.0	1,103	54	197	23	15	10	5
4146	7/5	60° 49.20'	148° 09.73'	104	6.1	1,043	33	63	8	0	51	56
4147	7/17	58° 40.14'	148° 34.23'	130	6.0	1,614	59	87	11	185	0	5
4148	7/17	58° 40.31'	148° 53.30'	94	6.0	2,036	94	213	24	94	54	0
4149	7/27	58° 49.84'	148° 15.20'	149	6.0	3,437	128	165	21	95	0	35
4150	7/27	58° 49.88'	148° 33.75'	160	6.0	601	19	13	2	140	0	5
4151	7/17	58° 50.20'	148° 52.97'	140	6.0	1,911	63	20	2	145	0	0
4152	7/17	58° 50.05'	149° 11.67'	111	6.0	433	16	0	0	210	10	0
4153	7/27	59° 00.23'	147° 55.45'	213	6.0	259	8	0	0	114	0	10
4154	7/27	58° 59.88'	148° 14.08'	119	6.0	3,076	107	91	11	70	60	20
4155	7/28	59° 00.12'	148° 33.59'	134	6.0	1,236	33	16	3	154	0	5
4156	8/2	59° 00.09'	148° 53.00'	117	6.0	458	13	0	0	59	0	0
4157	7/16	58° 59.96'	149° 12.08'	115	6.0	175	7	20	2	110	0	0
4158	7/16	59° 00.00'	149° 31.92'	128	6.0	330	17	0	0	90	0	0
4159	7/26	59° 10.15'	147° 35.76'	126	6.0	3,598	134	54	7	45	0	5
4160	7/26	59° 10.05'	147° 54.39'	110	6.0	2,108	83	25	3	35	0	0
4161	7/28	59° 09.98'	148° 14.12'	67	6.0	4,179	160	225	31	0	0	34
4162	7/28	59° 10.19'	148° 32.38'	83	6.0	5,002	205	213	25	50	5	0
4163	8/2	59° 10.07'	148° 53.17'	98	6.0	124	5	9	1	0	0	0
4164	8/2	59° 09.95'	149° 12.20'	84	6.0	1,777	52	21	2	30	50	0
4165	7/16	59° 10.23'	149° 31.77'	85	6.0	794	28	125	16	5	0	0
4166	7/16	59° 09.94'	149° 50.88'	74	6.0	359	13	54	8	10	5	0
4167	7/26	59° 19.76'	147° 34.05'	69	6.0	1,710	51	187	25	0	0	10
4168	7/26	59° 19.98'	147° 53.68'	101	6.0	535	19	5	1	10	0	0
4169	7/28	59° 20.19'	148° 12.43'	86	6.0	1,278	49	16	2	20	0	0

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						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4170	7/18	59° 20.08'	148° 32.99'	51	6.0	2,740	107	290	32	0	0	60
4171	7/18	59° 20.04'	148° 53.48'	93	6.0	448	20	15	2	5	5	0
4172	8/1	59° 20.09'	149° 11.61'	103	6.0	1,388	59	25	3	95	0	0
4173	8/1	59° 19.90'	149° 31.84'	68	6.0	2,629	123	431	55	0	25	0
4174	8/7	59° 20.14'	149° 51.36'	104	6.0	1,036	44	5	1	24	6	0
4175	8/7	59° 20.12'	150° 11.19'	86	6.0	1,072	38	13	2	10	15	0
4176	7/23	59° 29.95'	147° 53.46'	62	6.0	498	22	229	32	0	0	0
4177	7/23	59° 30.03'	148° 12.74'	114	6.0	427	13	24	4	30	0	0
4178	7/18	59° 29.94'	148° 32.91'	54	6.0	442	19	1,341	196	0	0	0
4179	7/18	59° 29.97'	148° 52.41'	94	6.0	94	4	0	0	0	0	0
4180	8/1	59° 30.14'	149° 12.02'	125	6.0	926	26	27	3	114	25	0
4181	8/1	59° 29.81'	149° 32.01'	57	6.0	777	40	256	35	0	5	0
4182	8/7	59° 29.80'	149° 52.11'	112	6.0	643	26	50	6	60	130	0
4183	8/7	59° 30.10'	150° 10.91'	66	6.0	725	29	114	13	0	0	5
4184	7/23	59° 39.84'	147° 53.45'	37	6.0	3,906	96	212	26	0	5	20
4185	7/19	59° 40.05'	148° 13.31'	73	6.0	471	23	241	29	15	0	0
4186	7/19	59° 39.91'	148° 32.05'	116	6.0	65	4	8	1	32	5	5
4187	7/22	59° 40.04'	148° 52.36'	98	6.0	285	11	0	0	0	0	0
4188	7/31	59° 40.13'	149° 12.07'	115	6.0	627	15	0	0	139	15	0
4189	7/31	59° 40.04'	149° 31.76'	151	6.0	320	13	18	2	20	25	0
4190	7/19	59° 50.03'	148° 12.03'	46	6.0	724	32	256	42	0	0	0
4191	7/22	59° 49.90'	148° 32.09'	72	6.0	231	12	26	3	5	0	0
4192	7/22	59° 50.01'	148° 52.46'	91	6.0	329	10	9	1	40	0	0
4193	7/31	59° 49.78'	149° 11.96'	77	6.0	123	7	27	3	0	0	0
4194	7/31	59° 49.98'	149° 31.71'	94	6.0	565	19	74	9	25	35	0
4195	6/7	58° 00.03'	149° 13.02'	75	6.0	7,787	337	394	49	0	0	5
4196	6/25	58° 10.00'	148° 53.67'	73	6.0	4,855	217	290	37	15	75	10
4197	6/25	58° 10.00'	149° 13.11'	62	6.0	3,164	158	1,065	137	0	0	15
4198	6/26	58° 09.99'	149° 31.99'	59	6.0	1,687	104	1,236	162	0	0	0
4199	6/26	58° 09.98'	149° 51.02'	78	6.0	2,068	131	1,124	141	5	0	10
4200	6/23	58° 20.01'	148° 34.98'	104	6.0	2,391	106	184	23	130	20	0
4201	6/24	58° 20.00'	148° 54.36'	68	6.0	2,555	125	506	74	0	15	0
4202	6/24	58° 19.98'	149° 13.01'	84	6.0	5,168	311	304	36	5	55	0
4203	6/26	58° 20.00'	149° 31.89'	82	6.0	1,650	103	210	25	0	25	0
4204	7/4	58° 20.01'	149° 51.22'	42	6.0	2,240	156	1,780	208	0	0	0
4205	7/2	58° 20.01'	150° 10.04'	29	6.0	2,670	145	1,458	186	0	0	0
4206	7/2	58° 20.03'	150° 29.15'	31	6.0	726	48	455	61	5	0	0
4207	6/23	58° 30.00'	148° 34.01'	71	6.0	5,584	215	421	58	0	0	0
4208	6/23	58° 29.99'	148° 53.20'	61	6.0	2,945	131	968	133	0	5	30
4209	6/24	58° 30.02'	149° 13.00'	67	6.0	2,264	109	303	45	0	60	0
4210	6/22	58° 29.95'	149° 32.02'	77	6.0	665	35	201	28	0	185	0
4211	7/4	58° 30.00'	149° 50.97'	76	6.0	1,933	133	696	83	10	125	0
4212	7/4	58° 29.98'	150° 09.91'	50	6.0	1,277	89	1,345	157	0	5	0
4213	7/10	58° 29.96'	150° 29.00'	46	6.0	915	60	957	144	0	0	0
4214	7/12	58° 29.87'	150° 48.02'	55	6.1	2,176	126	616	70	0	5	0
4215	6/22	58° 40.01'	149° 13.01'	74	6.0	450	20	152	23	20	140	20
4216	6/22	58° 39.98'	149° 32.24'	73	6.0	1,464	79	172	24	35	120	0
4217	7/5	58° 39.92'	149° 51.00'	82	6.0	1,320	80	306	36	15	145	0
4218	7/10	58° 40.00'	150° 09.69'	68	6.0	3,183	143	310	39	0	115	0
4219	7/10	58° 40.00'	150° 28.87'	109	6.0	294	16	97	11	60	35	0
4220	7/11	58° 40.00'	150° 48.69'	111	6.0	399	23	75	9	90	20	0
4221	7/1	58° 39.98'	151° 07.97'	105	6.0	1,455	65	239	28	50	79	0
4222	7/5	58° 50.02'	149° 31.91'	122	6.0	775	40	49	7	97	5	0
4223	7/5	58° 50.01'	149° 50.90'	131	6.0	1,740	84	45	5	119	5	0
4224	7/9	58° 50.00'	150° 10.01'	88	6.0	1,529	68	148	18	60	80	5
4225	7/11	58° 49.93'	150° 30.04'	91	6.0	999	44	101	12	95	35	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.

**2006 IPHC Stock Assessment Survey
Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4226	7/11	58° 49.95'	150° 49.01'	93	6.0	1,251	67	103	12	55	55	0
4227	7/1	58° 49.96'	151° 07.73'	79	6.0	1,997	110	424	55	20	86	0
4228	6/16	58° 49.94'	151° 28.00'	65	6.0	863	54	698	101	0	10	5
4229	6/21	59° 00.01'	149° 51.02'	123	6.0	247	10	5	1	145	0	0
4230	7/9	59° 00.05'	150° 11.00'	102	6.0	912	41	63	8	50	5	0
4231	6/30	59° 00.02'	150° 29.99'	66	6.0	1,001	56	596	78	0	20	0
4232	6/30	58° 59.99'	150° 49.74'	89	6.0	1,511	71	305	38	35	45	0
4233	6/16	59° 00.02'	151° 09.05'	85	6.0	1,502	64	99	11	10	20	0
4234	6/16	58° 59.99'	151° 27.98'	71	6.0	4,195	172	260	36	0	20	0
4235	7/9	59° 09.94'	150° 10.98'	67	6.0	628	17	125	17	0	20	5
4236	6/30	59° 10.03'	150° 29.98'	69	6.0	2,126	78	184	24	25	101	0
4237	6/17	59° 09.99'	150° 49.66'	71	6.0	1,583	86	346	43	0	75	15
4238	6/17	59° 09.98'	151° 09.32'	32	6.0	970	35	201	25	0	0	15
4239	6/17	59° 19.98'	150° 30.27'	113	6.0	1,739	69	52	6	25	190	55
4240	7/25	57° 19.89'	150° 46.02'	87	6.0	2,749	149	338	38	30	25	0
4241	6/6	57° 30.06'	150° 09.04'	242	5.0	618	33	0	0	160	0	5
4242	7/25	57° 30.09'	150° 28.01'	84	6.0	1,566	88	317	37	25	30	0
4243	7/25	57° 29.95'	150° 46.03'	52	6.0	2,782	134	1,000	123	0	0	0
4244	6/5	57° 39.98'	149° 51.61'	186	6.0	2,091	106	29	3	74	0	74
4245	6/6	57° 39.98'	150° 09.23'	115	6.0	2,970	170	292	39	15	15	5
4246	7/24	57° 39.99'	150° 28.13'	51	6.0	1,398	72	735	96	0	0	0
4247	7/24	57° 40.00'	150° 46.93'	46	6.0	3,205	151	1,286	167	0	0	0
4248	7/24	57° 39.95'	151° 04.99'	41	6.0	2,771	164	1,129	130	0	0	0
4249	7/22	57° 39.80'	151° 24.00'	35	6.0	1,404	79	458	54	0	0	0
4250	6/7	57° 49.97'	149° 32.00'	204	6.0	2,787	122	0	0	0	180	10
4251	6/8	57° 50.01'	149° 49.93'	140	6.0	1,492	80	301	38	40	0	0
4252	6/6	57° 49.91'	150° 09.06'	108	6.0	1,995	112	127	16	0	60	0
4253	7/14	57° 49.79'	150° 28.02'	49	6.0	6,802	276	558	66	0	0	5
4254	7/14	57° 49.92'	150° 47.00'	46	6.1	2,514	99	204	24	0	5	0
4255	7/21	57° 49.98'	151° 06.02'	38	6.0	1,541	91	983	121	0	0	0
4256	7/22	57° 49.86'	151° 24.01'	29	6.0	1,441	72	556	63	0	0	0
4257	7/22	57° 50.03'	151° 42.98'	29	6.0	784	55	1,480	178	0	0	0
4258	7/15	57° 49.97'	152° 02.01'	50	6.0	1,274	68	627	74	0	45	0
4259	6/7	57° 59.97'	149° 32.16'	81	6.0	4,047	194	356	47	0	0	0
4260	6/8	57° 59.97'	149° 51.06'	126	6.0	3,899	163	101	14	40	99	0
4261	7/3	58° 00.10'	150° 09.00'	124	6.0	728	38	284	32	105	15	0
4262	7/3	57° 59.81'	150° 27.99'	90	6.0	423	26	156	19	69	30	0
4263	7/14	58° 00.06'	150° 47.00'	72	6.1	1,886	83	184	22	40	86	0
4264	7/21	57° 59.91'	151° 06.01'	44	6.0	1,900	86	977	124	0	5	0
4265	7/21	57° 59.92'	151° 25.01'	42	6.0	474	20	129	17	0	40	0
4266	6/12	58° 00.01'	151° 44.00'	64	6.0	902	51	314	39	0	155	0
4267	6/12	58° 00.00'	152° 02.73'	95	6.0	1,457	56	70	8	0	180	0
4268	6/12	58° 00.00'	152° 21.92'	116	6.0	1,462	69	150	21	0	174	0
4269	7/2	58° 10.06'	150° 10.00'	80	6.0	2,731	148	1,440	175	0	20	10
4270	7/3	58° 10.03'	150° 28.84'	63	6.0	2,014	91	806	98	0	66	0
4271	7/13	58° 10.00'	150° 47.86'	60	6.0	1,825	127	1,209	145	0	50	0
4272	7/13	58° 09.88'	151° 06.98'	81	6.0	464	27	160	19	71	35	0
4273	6/13	58° 09.95'	151° 25.00'	90	6.0	960	41	90	10	10	150	0
4274	6/13	58° 09.97'	151° 40.98'	36	6.0	1,115	88	1,605	215	0	20	0
4275	7/12	58° 19.44'	150° 47.97'	35	6.0	1,047	76	1,018	128	0	0	0
4276	7/13	58° 20.01'	151° 06.99'	70	6.0	2,322	142	482	58	0	85	0
4277	6/13	58° 19.99'	151° 25.89'	38	6.0	3,631	264	1,442	162	0	20	0
4278	6/14	58° 20.05'	151° 45.11'	30	6.0	1,106	44	150	21	0	0	0
4279	7/12	58° 29.78'	151° 07.00'	57	6.0	709	49	524	74	0	50	0
4280	6/14	58° 30.03'	151° 26.69'	93	6.0	1,278	54	56	6	30	165	0
4281	6/14	58° 30.16'	151° 46.02'	99	6.0	1,897	89	106	11	75	70	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.

**2006 IPHC Stock Assessment Survey
Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4282	7/1	58° 40.01'	151° 26.93'	102	6.0	2,413	115	212	25	86	30	0
4283	6/15	58° 40.01'	151° 45.98'	72	6.0	1,968	94	274	34	10	110	0
4284	6/15	58° 39.98'	152° 05.88'	72	6.0	2,450	152	578	70	0	15	0
4285	6/15	58° 49.03'	152° 05.80'	60	6.0	2,722	143	435	55	0	15	5
4286	6/26	56° 19.93'	152° 50.43'	59	6.0	5,283	257	488	61	0	5	0
4287	6/27	56° 20.08'	153° 07.74'	48	6.0	2,188	113	415	45	0	10	0
4288	6/27	56° 20.05'	153° 25.84'	33	6.0	4,122	201	742	91	0	0	0
4289	6/21	56° 29.91'	152° 15.15'	127	6.0	2,616	142	141	17	60	0	5
4290	6/26	56° 29.94'	152° 33.17'	148	6.0	3,372	175	161	18	50	5	5
4291	6/22	56° 30.00'	152° 51.37'	29	6.0	2,522	133	1,194	146	0	0	0
4292	6/23	56° 30.02'	153° 09.18'	39	6.0	1,408	76	737	96	0	0	0
4293	6/23	56° 30.04'	153° 27.48'	49	6.0	1,612	95	737	89	0	5	0
4294	6/27	56° 29.98'	153° 45.52'	32	6.0	2,802	109	327	40	0	0	0
4295	6/21	56° 39.99'	151° 57.09'	33	6.0	3,934	184	856	103	0	0	0
4296	6/21	56° 39.94'	152° 15.44'	26	6.0	3,886	185	1,127	132	0	0	0
4297	6/26	56° 39.86'	152° 33.68'	79	6.0	964	50	152	21	45	5	0
4298	6/22	56° 40.05'	152° 52.27'	38	6.0	2,570	153	886	108	0	0	0
4299	6/23	56° 40.25'	153° 10.21'	83	6.0	1,267	49	114	12	0	20	0
4300	6/23	56° 40.05'	153° 28.51'	81	6.0	3,012	137	372	44	0	25	0
4301	6/25	56° 40.03'	153° 46.14'	40	6.0	1,781	75	512	62	0	5	0
4302	6/20	56° 49.97'	151° 40.18'	158	6.0	374	22	76	9	151	0	5
4303	6/20	56° 49.92'	151° 58.08'	43	6.0	2,095	97	1,244	149	0	0	0
4304	7/4	56° 49.98'	152° 16.21'	53	6.0	1,825	121	1,397	167	0	0	0
4305	7/4	56° 50.00'	152° 34.95'	76	6.0	1,032	65	342	38	0	0	0
4306	6/22	56° 49.94'	152° 53.08'	34	6.0	1,662	88	774	100	0	0	0
4307	6/25	56° 50.02'	153° 11.77'	64	6.0	4,366	200	410	48	0	5	0
4308	6/25	56° 50.11'	153° 29.30'	53	6.0	1,541	79	416	51	0	0	0
4309	6/20	56° 59.41'	151° 39.72'	42	6.0	6,382	285	811	100	0	0	5
4310	7/4	56° 59.88'	151° 58.80'	45	6.0	930	61	1,192	144	0	5	0
4311	7/4	57° 00.00'	152° 17.13'	41	6.0	2,778	129	1,078	135	0	0	0
4312	6/28	56° 59.97'	152° 34.79'	86	6.0	1,332	69	207	24	5	0	0
4313	6/28	57° 00.05'	152° 53.98'	63	6.0	2,449	125	349	46	10	10	0
4314	7/3	57° 09.88'	151° 09.50'	68	6.0	2,057	113	318	42	0	10	0
4315	7/3	57° 10.06'	151° 22.09'	71	6.0	5,200	276	359	42	0	5	0
4316	7/3	57° 09.89'	151° 40.77'	41	6.0	1,588	78	1,085	138	0	5	0
4317	7/5	57° 09.97'	151° 59.07'	38	6.0	2,437	125	858	105	0	5	0
4318	6/28	57° 10.01'	152° 18.13'	43	6.0	1,107	68	1,065	142	0	0	0
4319	6/24	57° 10.20'	152° 35.88'	53	6.0	1,515	100	434	53	0	15	0
4320	7/2	57° 19.74'	151° 03.71'	51	6.0	5,083	263	737	84	0	10	0
4321	7/2	57° 19.87'	151° 22.95'	74	6.0	2,744	179	413	47	50	15	0
4322	7/3	57° 20.15'	151° 41.02'	34	6.0	2,042	103	972	121	0	5	0
4323	7/5	57° 19.83'	152° 00.14'	41	6.0	1,845	133	1,146	131	0	10	0
4324	7/5	57° 19.99'	152° 18.35'	22	6.0	2,536	96	173	19	0	0	0
4325	7/2	57° 30.02'	151° 05.22'	45	6.0	4,738	169	832	97	0	0	0
4326	7/2	57° 28.98'	151° 23.11'	51	6.0	1,643	95	577	70	5	5	0
4327	6/29	57° 29.83'	151° 42.24'	57	6.0	1,765	107	520	60	0	65	0
4328	6/29	57° 29.91'	152° 01.10'	27	6.0	3,516	121	597	65	0	0	0
4329	6/29	57° 39.89'	151° 41.42'	36	6.0	1,198	84	1,407	158	0	0	0
4330	6/29	57° 39.96'	152° 01.01'	93	6.0	3,293	157	198	22	5	45	0
4331	6/15	57° 29.84'	154° 55.35'	126	6.0	1,003	52	115	13	10	5	0
4332	6/15	57° 39.94'	154° 34.77'	122	6.0	973	58	239	29	5	79	0
4333	6/15	57° 39.89'	154° 53.96'	130	6.0	1,573	74	100	11	10	20	0
4334	6/14	57° 39.84'	155° 13.52'	163	6.0	1,441	76	220	25	15	0	0
4335	6/13	57° 50.12'	154° 14.69'	112	6.0	2,059	116	293	34	0	10	0
4336	6/14	57° 49.99'	154° 34.12'	128	6.0	1,140	51	74	9	5	10	0
4337	6/14	57° 49.95'	154° 53.23'	160	6.0	980	46	147	17	10	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.

**2006 IPHC Stock Assessment Survey
Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³			
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish	
4338	6/12	58° 00.08'	153° 35.48'	93	6.0	2,253	117	571	71	0	15	0	
4339	6/13	57° 59.94'	153° 56.22'	110	6.0	783	41	136	17	0	15	0	
4340	6/13	57° 59.92'	154° 14.14'	128	6.0	859	48	207	23	10	10	0	
4341	6/12	58° 10.07'	153° 18.90'	59	6.0	836	55	815	108	0	25	0	
4342	6/12	58° 09.95'	153° 38.07'	107	6.0	2,067	94	64	8	0	45	0	
4343	6/16	58° 10.08'	153° 57.06'	117	6.0	1,212	69	247	28	0	20	0	
4344	6/17	58° 20.05'	153° 20.09'	96	6.0	1,935	93	232	26	15	45	0	
4345	6/16	58° 19.96'	153° 39.12'	97	6.0	1,794	80	230	27	0	60	0	
4346	6/16	58° 19.94'	153° 58.28'	47	6.0	2,642	101	240	31	0	74	0	
4347	6/17	58° 30.02'	153° 02.18'	94	6.0	1,868	96	244	26	10	10	0	
4348	6/17	58° 29.95'	153° 20.86'	99	6.0	2,345	112	383	47	0	10	0	
4349	6/16	58° 29.93'	153° 41.44'	53	6.0	1,271	50	54	7	0	60	0	
4350	8/6	58° 40.16'	152° 44.05'	107	6.0	348	17	64	7	5	30	0	
4351	6/17	58° 39.91'	153° 02.95'	88	6.0	3,547	167	168	19	0	65	0	
4352	7/6	58° 39.98'	153° 23.21'	25	6.0	2,251	77	383	59	0	0	0	
4353	8/6	58° 49.86'	152° 25.41'	90	6.0	1,109	29	10	2	25	79	0	
4354	7/6	58° 49.97'	152° 44.84'	104	6.0	995	49	114	14	5	25	0	
4355	7/6	58° 49.95'	153° 04.13'	91	6.0	1,356	47	212	24	0	0	0	
4356	6/7	58° 59.88'	151° 47.63'	71	6.0	1,821	111	558	69	0	15	0	
4357	6/7	59° 00.05'	152° 06.33'	80	6.0	3,027	180	692	84	0	10	0	
4358	8/6	58° 59.91'	152° 26.74'	79	6.0	674	30	68	9	20	35	0	
4359	8/5	58° 59.95'	152° 46.05'	91	6.0	475	17	24	3	0	99	0	
4360	6/6	58° 59.92'	153° 05.02'	83	6.0	1,266	52	98	12	0	35	0	
4361	6/7	59° 10.04'	152° 08.05'	77	6.0	2,246	124	841	106	0	0	0	
4362	8/5	59° 09.98'	152° 27.20'	55	6.0	536	34	693	98	0	30	0	
4363	8/5	59° 09.93'	152° 47.27'	75	6.0	1,845	79	135	16	0	20	0	
4364	6/6	59° 10.05'	153° 06.12'	47	6.0	481	15	67	8	0	85	0	
4365	6/6	59° 09.95'	153° 25.79'	22	6.0	874	37	119	14	0	145	0	
4366	6/2	59° 19.88'	152° 08.88'	40	6.0	1,348	80	1,515	196	0	0	0	
4367	8/5	59° 19.86'	152° 27.83'	39	6.0	941	47	672	82	0	0	0	
4368	6/5	59° 20.12'	152° 47.93'	43	6.0	115	8	76	13	0	10	0	
4369	6/5	59° 20.04'	153° 08.03'	28	6.0	263	14	115	14	0	168	0	
4370	6/2	59° 29.50'	151° 50.05'	42	6.0	1,054	51	371	48	0	5	0	
4371	6/2	59° 29.59'	152° 08.68'	25	6.0	873	62	1,148	149	0	20	0	
4372	6/3	59° 30.09'	152° 29.36'	32	6.0	807	45	1,044	144	0	20	0	
4373	6/5	59° 29.84'	152° 49.14'	28	6.0	676	32	119	14	0	110	0	
4374	6/3	59° 40.00'	152° 30.74'	44	6.0	1,718	75	147	18	0	94	0	
4375	6/3	59° 50.09'	152° 10.84'	28	6.0	875	61	1,389	177	0	0	0	
374 Total Effective 3A Stations						Totals	523,112	23,666	107,784	13,563	6,782	6,826	1,464

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.