

2010 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	7/18	57° 49.12'	-137° 11.29'	177	8.0	46	2	23	3	135	0	265
4002	7/13	58° 00.23'	-136° 54.46'	228	8.0	35	3	0	0	231	0	25
4003	7/18	58° 00.17'	-137° 12.41'	106	8.0	2,675	141	714	84	160	5	5
4004	7/18	57° 59.82'	-137° 30.87'	89	8.0	2,838	195	1,855	212	5	0	35
4005	7/19	58° 00.13'	-137° 49.92'	99	8.1	2,125	122	1,165	143	61	0	56
4006	7/13	58° 09.98'	-136° 55.06'	105	8.1	1,083	27	68	9	107	10	5
4007	7/13	58° 10.04'	-137° 11.34'	65	8.0	1,326	46	213	31	0	5	15
4008	7/19	58° 10.08'	-137° 29.73'	77	8.0	1,725	119	2,255	278	0	0	0
4009	7/19	58° 10.07'	-137° 49.22'	84	8.0	2,379	147	1,510	177	10	0	0
4010	7/20	58° 10.02'	-138° 08.37'	79	8.0	261	15	177	25	0	0	0
4011	7/31	58° 10.02'	-138° 27.34'	89	8.0	1,528	79	419	52	0	0	25
4012	7/30	58° 10.16'	-138° 45.95'	100	8.0	1,669	69	1,201	157	0	0	0
4013	7/12	58° 20.06'	-137° 10.30'	90	8.0	0	0	0	0	0	0	0
4014	7/12	58° 19.99'	-137° 29.24'	105	8.0	21	1	0	0	0	0	0
4015	7/20	58° 20.04'	-137° 48.00'	95	8.0	15	1	6	1	0	0	0
4016	7/20	58° 19.94'	-138° 06.81'	70	8.0	227	12	64	8	0	0	0
4017	7/21	58° 20.12'	-138° 26.02'	70	8.0	363	20	99	13	0	0	0
4018	7/30	58° 20.06'	-138° 46.20'	64	8.0	1,655	54	1,179	155	0	0	95
4019	7/30	58° 19.90'	-139° 05.12'	60	8.0	1,303	58	321	43	0	0	155
4020	7/28	58° 20.39'	-139° 23.98'	140	8.1	1,503	57	39	5	10	5	0
4021	7/12	58° 29.99'	-137° 27.99'	39	8.0	151	6	228	42	0	0	0
4022	7/11	58° 29.98'	-137° 46.96'	84	8.0	0	0	0	0	0	0	0
4023	7/11	58° 30.14'	-138° 07.11'	72	8.0	107	3	0	0	0	0	0
4024	7/21	58° 29.94'	-138° 26.07'	62	8.0	720	51	436	53	0	0	15
4025	7/29	58° 29.95'	-138° 44.88'	51	8.0	417	10	34	4	0	0	10
4026	7/29	58° 30.12'	-139° 03.88'	56	8.0	233	18	646	96	0	0	10
4027	7/28	58° 29.98'	-139° 22.95'	88	8.0	1,127	43	387	48	0	0	90
4028	7/28	58° 30.05'	-139° 42.00'	135	8.1	727	29	121	16	61	0	0
4029	7/11	58° 40.14'	-138° 06.24'	49	8.1	1,021	25	46	6	0	0	30
4030	7/21	58° 39.97'	-138° 25.13'	72	8.1	76	5	58	8	0	0	0
4031	7/29	58° 39.96'	-138° 44.19'	54	8.0	673	19	329	48	0	0	0
4032	7/22	58° 40.03'	-139° 03.78'	82	8.0	596	36	323	39	5	0	35
4033	7/27	58° 40.34'	-139° 23.14'	136	8.0	445	18	39	4	165	0	5
4034	7/27	58° 39.84'	-139° 42.36'	102	8.0	839	29	87	11	55	0	25
4035	7/26	58° 39.92'	-140° 01.06'	103	8.0	1,592	64	915	118	65	0	0
4036	7/10	58° 50.27'	-138° 04.98'	25	8.0	872	24	40	6	0	0	105
4037	7/10	58° 50.09'	-138° 24.30'	38	8.0	86	3	10	1	0	0	0
4038	7/22	58° 49.92'	-138° 43.66'	65	8.0	13	1	17	2	0	0	0
4039	7/22	58° 50.02'	-139° 02.99'	103	8.0	356	18	18	2	5	0	5
4040	7/27	58° 49.94'	-139° 22.31'	73	8.0	985	29	98	12	0	0	5
4041	7/26	58° 50.02'	-139° 41.88'	87	8.1	388	14	89	11	0	0	0
4042	7/26	58° 49.93'	-140° 01.05'	94	8.0	906	27	412	46	5	0	45
4043	7/10	59° 00.05'	-138° 24.29'	33	8.0	118	5	47	5	0	0	0
4044	7/9	59° 00.02'	-138° 43.09'	85	8.1	0	0	0	0	0	0	0
4045	7/9	58° 59.98'	-138° 59.97'	55	8.1	45	2	20	2	0	0	0
4046	7/8	59° 00.02'	-139° 21.88'	59	8.0	0	0	0	0	0	0	0
4047	7/8	58° 59.92'	-139° 40.67'	66	8.0	100	7	134	16	0	0	10
4048	7/9	59° 09.96'	-139° 01.32'	28	8.1	0	0	7	1	0	0	0
4049	7/8	59° 10.08'	-139° 21.04'	52	8.0	22	1	9	1	0	0	0
4051	6/14	58° 49.99'	-140° 20.17'	101	8.0	2,693	99	1,081	144	10	0	5

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
4052	6/15	58° 50.00'	-140° 39.64'	107	8.0	2,073	82	500	65	30	15	15
4053	6/14	59° 00.00'	-140° 00.72'	74	8.0	924	37	381	54	0	20	15
4054	6/14	59° 00.00'	-140° 20.40'	85	8.0	496	14	292	41	0	0	35
4055	6/15	59° 00.00'	-140° 39.11'	99	8.0	996	31	1,010	140	5	5	0
4056	6/15	59° 00.00'	-140° 59.20'	105	8.0	2,168	98	1,561	214	5	5	5
4057	7/23	59° 10.02'	-139° 41.55'	70	8.0	193	14	237	28	0	0	0
4058	6/19	59° 10.00'	-140° 00.27'	65	8.0	2,213	51	369	57	0	30	0
4059	6/19	59° 10.00'	-140° 20.07'	71	8.0	1,035	28	476	71	5	30	0
4060	6/18	59° 10.00'	-140° 39.16'	83	8.0	793	23	424	60	5	20	0
4061	6/18	59° 10.00'	-140° 59.19'	100	8.0	1,706	65	544	74	10	10	0
4062	6/17	59° 10.01'	-141° 17.86'	187	8.0	436	8	0	0	131	0	42
4063	6/16	59° 10.00'	-141° 38.15'	125	8.0	1,867	90	219	30	59	0	30
4064	7/23	59° 19.99'	-139° 40.01'	85	8.0	0	0	0	0	0	0	0
4065	7/23	59° 20.00'	-140° 00.03'	88	8.0	55	2	17	2	0	0	0
4066	6/19	59° 20.00'	-140° 19.80'	72	8.0	864	34	472	69	5	15	0
4067	6/18	59° 20.00'	-140° 39.15'	79	8.0	409	13	203	27	5	0	0
4068	6/17	59° 19.99'	-140° 59.19'	89	8.0	1,504	65	719	100	10	15	0
4069	6/17	59° 20.02'	-141° 18.25'	184	8.0	591	17	0	0	384	0	10
4070	6/16	59° 20.00'	-141° 38.70'	104	8.0	1,154	50	498	72	0	0	0
4071	6/16	59° 20.00'	-141° 58.17'	121	8.0	1,353	64	342	45	45	0	0
4072	6/13	59° 29.99'	-140° 00.84'	65	8.0	27	2	59	10	0	0	0
4073	6/13	59° 30.00'	-140° 19.16'	125	8.0	2,208	71	86	12	65	0	5
4074	6/22	59° 30.00'	-140° 39.12'	153	8.0	55	3	44	7	126	0	53
4075	6/22	59° 30.00'	-140° 59.14'	162	8.0	596	19	26	4	156	0	45
4076	7/21	59° 29.99'	-141° 19.03'	91	8.0	210	10	14	2	0	0	0
4077	7/21	59° 30.00'	-141° 37.83'	89	8.0	0	0	4	1	0	0	0
4078	6/23	59° 29.98'	-141° 58.30'	98	8.0	726	31	186	24	0	5	0
4079	6/13	59° 39.98'	-139° 58.98'	76	8.0	1,574	69	478	58	0	104	0
4080	6/22	59° 40.02'	-140° 58.91'	30	8.0	15	1	9	2	0	0	0
4081	7/21	59° 40.00'	-141° 18.83'	36	8.0	22	2	39	5	0	0	0
4082	6/23	59° 40.00'	-141° 38.30'	51	8.0	129	3	28	4	0	0	0
4083	6/23	59° 40.00'	-141° 58.08'	80	8.0	195	5	22	4	5	0	0
4084	7/20	59° 39.99'	-142° 17.87'	120	8.0	291	13	54	7	10	0	5
4085	7/19	59° 40.00'	-142° 37.84'	214	8.0	12	1	0	0	125	0	35
4086	7/19	59° 39.90'	-142° 55.02'	138	8.0	1,265	36	90	11	10	0	5
4087	6/25	59° 40.00'	-143° 17.02'	147	8.0	1,154	35	16	2	270	15	20
4088	6/25	59° 40.00'	-143° 36.83'	83	8.0	3,332	92	330	46	5	10	20
4089	7/18	59° 41.50'	-143° 57.28'	67	8.0	551	18	95	13	5	0	0
4090	6/26	59° 40.02'	-144° 17.34'	88	8.0	696	21	64	8	5	0	0
4091	6/26	59° 40.00'	-144° 36.89'	80	8.0	98	4	0	0	0	0	0
4092	7/20	59° 50.00'	-141° 59.47'	38	8.0	92	6	85	12	0	0	0
4093	7/20	59° 50.00'	-142° 18.03'	48	8.0	2,658	71	211	28	0	0	25
4094	6/24	59° 50.00'	-142° 38.19'	89	8.0	1,204	29	71	9	0	0	5
4095	7/19	59° 50.00'	-142° 57.97'	94	8.0	169	7	11	1	0	0	0
4096	6/25	59° 50.00'	-143° 18.16'	120	8.0	302	11	39	5	20	5	0
4097	7/18	59° 50.00'	-143° 38.30'	155	8.0	183	6	17	2	84	0	69
4098	7/18	59° 50.00'	-143° 58.14'	52	8.0	116	6	19	3	0	0	0
4099	6/26	59° 49.74'	-144° 18.34'	34	8.0	234	17	419	59	0	205	0
4100	6/24	60° 00.00'	-142° 39.28'	43	8.0	680	18	172	26	0	25	0
4101	6/24	60° 00.00'	-142° 59.22'	62	8.0	125	2	21	3	5	15	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4102	7/4	59° 20.00'	-146° 11.30'	147	8.0	209	10	52	6	90	0	40
4103	7/4	59° 20.00'	-146° 35.23'	81	8.0	291	17	113	17	5	0	0
4104	6/30	59° 20.00'	-146° 55.07'	105	8.0	787	34	163	20	15	15	0
4105	6/30	59° 20.00'	-147° 14.83'	103	8.0	220	14	126	18	5	0	0
4106	7/1	59° 30.00'	-145° 16.77'	73	8.0	2,259	87	1,009	124	0	0	85
4107	7/1	59° 30.00'	-145° 55.04'	93	8.0	1,245	72	157	19	0	15	0
4108	7/4	59° 30.00'	-146° 34.59'	51	8.0	174	12	284	43	0	0	20
4109	6/30	59° 30.00'	-146° 53.97'	99	8.0	150	5	42	6	5	0	5
4110	6/27	59° 30.00'	-147° 14.48'	119	8.0	108	7	79	11	10	0	0
4111	6/27	59° 30.00'	-147° 34.03'	63	8.0	139	7	134	18	0	0	0
4112	7/1	59° 40.02'	-145° 34.20'	58	8.0	77	5	107	13	0	0	0
4113	7/2	59° 40.00'	-145° 54.20'	45	8.0	1,655	62	492	67	0	0	0
4114	7/3	59° 40.03'	-146° 14.65'	46	8.0	519	27	455	65	0	0	0
4115	7/3	59° 40.02'	-146° 33.42'	49	8.0	2,310	76	358	45	0	55	20
4116	7/5	59° 40.02'	-146° 53.02'	61	8.0	110	6	45	6	0	0	0
4117	7/5	59° 40.00'	-147° 12.91'	99	8.0	1,092	56	162	18	20	30	0
4118	6/27	59° 40.00'	-147° 33.21'	65	8.0	134	6	19	2	0	0	0
4119	7/17	59° 50.00'	-144° 57.90'	109	8.0	395	15	14	2	0	10	0
4120	7/2	59° 50.01'	-145° 52.65'	58	8.0	141	6	56	6	0	0	0
4121	7/2	59° 50.02'	-146° 12.83'	35	8.0	1,536	107	1,014	124	0	0	10
4122	7/3	59° 50.03'	-146° 33.20'	38	8.0	1,276	69	758	100	0	0	15
4123	7/5	59° 50.00'	-146° 53.16'	44	8.0	548	29	1,088	147	0	5	0
4124	7/11	59° 49.99'	-147° 13.10'	81	8.0	542	32	136	17	0	0	5
4125	7/17	60° 00.00'	-144° 38.97'	126	8.0	190	9	55	7	35	64	5
4126	7/17	59° 59.99'	-144° 58.58'	75	8.0	82	2	23	3	0	0	0
4127	7/16	60° 00.00'	-145° 18.99'	65	8.0	325	16	88	12	0	0	0
4128	7/12	60° 00.00'	-146° 11.85'	34	8.0	447	20	116	15	0	0	15
4129	7/12	60° 00.00'	-146° 32.14'	37	8.0	49	4	198	26	0	0	0
4130	7/11	60° 00.01'	-146° 52.03'	78	8.0	0	0	0	0	0	0	0
4131	7/11	60° 00.00'	-147° 12.19'	98	8.0	175	8	41	6	0	5	5
4132	7/16	60° 10.02'	-145° 31.41'	49	8.0	592	20	249	32	5	0	0
4133	7/16	60° 10.00'	-145° 51.52'	59	8.0	517	24	120	17	0	40	0
4134	7/12	60° 10.00'	-146° 11.53'	42	8.0	190	10	79	11	0	0	0
4135	7/8	60° 10.00'	-147° 31.09'	39	8.0	913	49	420	60	0	15	25
4136	7/8	60° 10.00'	-147° 51.15'	174	8.0	437	32	403	51	5	104	5
4137	7/8	60° 20.12'	-147° 31.00'	76	8.0	774	24	155	20	5	99	30
4138	7/13	60° 30.00'	-146° 29.00'	36	8.0	193	11	408	57	0	0	0
4139	7/10	60° 30.00'	-146° 49.05'	216	8.0	287	13	109	14	70	5	0
4140	7/10	60° 29.88'	-147° 10.03'	99	8.0	891	42	278	35	10	74	0
4141	7/10	60° 30.00'	-147° 30.16'	110	8.0	186	10	68	8	5	140	40
4142	7/9	60° 29.13'	-147° 49.98'	260	8.0	381	21	144	17	45	10	89
4143	7/13	60° 40.00'	-146° 49.00'	222	8.0	491	31	123	15	95	15	20
4144	7/15	60° 40.00'	-147° 08.93'	132	8.0	951	54	436	51	45	74	0
4145	7/15	60° 49.99'	-147° 07.62'	192	8.0	324	16	110	14	10	10	5
4146	7/9	60° 50.12'	-148° 11.23'	233	8.0	882	49	259	30	5	0	0
4147	6/17	58° 40.29'	-148° 37.72'	127	8.0	493	23	51	6	260	15	0
4148	6/17	58° 40.28'	-148° 52.25'	97	8.0	466	27	127	17	135	50	0
4149	6/16	58° 50.10'	-148° 15.21'	154	8.0	1,285	62	10	1	20	0	50
4150	6/17	58° 48.05'	-148° 33.89'	154	8.0	1,953	81	70	9	178	0	25
4151	6/23	58° 50.13'	-148° 53.34'	140	8.0	397	20	31	3	150	0	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4152	6/23	58° 50.12'	-149° 11.62'	113	8.0	167	11	37	6	79	10	0
4153	6/16	59° 00.09'	-147° 55.45'	155	8.0	1,155	52	207	27	63	243	0
4154	6/16	59° 00.27'	-148° 13.15'	105	8.0	1,143	45	81	11	94	213	5
4155	6/18	58° 59.95'	-148° 34.37'	134	8.0	635	33	198	24	202	10	0
4156	6/23	58° 58.45'	-148° 54.38'	121	8.0	153	9	28	3	90	10	0
4157	6/22	59° 00.25'	-149° 11.55'	112	8.0	342	19	81	9	195	15	5
4158	6/21	59° 00.05'	-149° 32.05'	127	8.0	418	21	67	9	145	0	0
4160	6/15	59° 09.84'	-147° 53.29'	112	8.0	982	53	179	21	54	30	0
4161	6/18	59° 09.90'	-148° 14.16'	68	8.0	1,884	89	477	60	0	50	50
4162	6/18	59° 10.22'	-148° 32.96'	83	8.0	422	24	130	15	10	60	0
4163	6/22	59° 09.63'	-148° 54.01'	97	8.0	1,064	55	352	41	10	24	0
4164	6/22	59° 09.75'	-149° 12.54'	83	8.0	587	27	245	31	10	30	15
4165	6/21	59° 09.68'	-149° 31.84'	88	8.0	223	16	136	16	0	5	0
4166	6/21	59° 09.67'	-149° 50.79'	73	8.0	156	7	69	9	105	40	0
4167	6/15	59° 19.75'	-147° 34.07'	69	8.0	807	20	109	13	0	5	5
4168	6/14	59° 19.87'	-147° 54.60'	99	8.0	424	20	125	17	5	0	10
4169	6/14	59° 19.98'	-148° 12.93'	85	8.0	667	34	140	17	0	70	5
4170	6/7	59° 20.47'	-148° 34.03'	49	8.0	3,580	161	1,267	150	0	0	114
4171	6/8	59° 19.79'	-148° 53.53'	92	8.0	685	38	131	16	14	72	0
4172	6/8	59° 19.75'	-149° 11.76'	103	8.0	347	17	66	8	35	35	0
4173	6/8	59° 19.90'	-149° 31.07'	70	8.0	276	13	16	2	0	0	0
4174	6/29	59° 20.28'	-149° 50.44'	104	8.0	455	18	48	5	15	80	0
4175	6/30	59° 20.04'	-150° 11.99'	86	8.0	1,118	50	146	18	0	104	5
4176	6/13	59° 30.20'	-147° 54.23'	64	8.0	178	8	113	15	0	15	0
4177	6/14	59° 29.89'	-148° 13.13'	115	8.0	120	7	43	5	10	25	0
4178	6/7	59° 30.09'	-148° 34.58'	51	8.0	81	6	628	93	0	10	0
4179	6/7	59° 29.69'	-148° 51.80'	89	8.0	39	2	0	0	0	0	0
4180	6/6	59° 30.36'	-149° 13.25'	126	8.0	1,204	42	131	15	70	110	0
4181	6/6	59° 30.01'	-149° 30.80'	59	8.0	794	39	541	71	5	110	0
4182	6/29	59° 29.94'	-149° 51.80'	112	8.0	584	23	67	8	15	180	0
4183	6/29	59° 29.54'	-150° 10.08'	69	8.0	610	28	211	28	0	50	0
4184	6/13	59° 40.08'	-147° 53.75'	37	8.0	1,745	84	899	105	0	0	25
4185	6/13	59° 39.86'	-148° 12.18'	62	8.0	0	0	22	4	0	110	0
4186	6/3	59° 40.28'	-148° 31.66'	114	8.0	31	2	0	0	5	35	0
4187	6/4	59° 39.97'	-148° 52.01'	99	8.0	235	10	56	8	15	25	0
4188	6/4	59° 39.89'	-149° 11.73'	115	8.0	1,709	64	176	21	104	79	0
4189	6/6	59° 39.69'	-149° 32.38'	159	8.0	452	21	146	18	45	50	0
4190	6/3	59° 49.91'	-148° 12.06'	58	8.0	46	3	34	5	5	15	0
4191	6/3	59° 49.52'	-148° 31.71'	74	8.0	201	13	78	9	5	30	0
4192	6/4	59° 49.92'	-148° 51.92'	96	8.0	303	12	11	2	30	80	0
4193	6/5	59° 49.73'	-149° 13.57'	65	8.0	677	31	275	36	0	50	15
4194	6/5	59° 49.89'	-149° 31.35'	102	8.0	395	20	178	24	15	155	0
4195	7/15	57° 59.36'	-149° 10.89'	78	8.0	2,583	148	560	65	5	205	0
4196	7/15	58° 09.75'	-148° 55.44'	68	8.0	2,923	159	1,820	217	0	15	30
4197	7/15	58° 09.05'	-149° 12.86'	63	8.0	2,029	130	1,597	187	0	5	59
4198	7/16	58° 10.16'	-149° 31.88'	58	8.0	2,068	134	1,497	184	0	10	25
4199	7/16	58° 10.55'	-149° 49.78'	67	8.0	1,207	82	1,020	128	20	95	15
4200	6/26	58° 19.99'	-148° 36.11'	89	8.0	1,387	68	388	47	64	193	0
4201	6/25	58° 19.93'	-148° 54.80'	68	8.0	631	42	1,245	164	0	45	5
4202	6/25	58° 20.55'	-149° 12.94'	84	8.0	1,560	109	768	95	0	145	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.

2010 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
4203	7/16	58° 20.05'	-149° 32.33'	83	8.0	2,646	180	1,234	148	5	109	0
4204	8/8	58° 20.18'	-149° 50.83'	43	8.0	2,199	146	3,018	350	0	5	0
4205	8/7	58° 20.27'	-150° 09.97'	28	8.0	1,921	129	2,322	281	0	0	0
4206	8/6	58° 20.12'	-150° 29.34'	31	8.0	500	40	2,194	282	0	0	0
4207	6/26	58° 29.89'	-148° 34.16'	72	8.0	2,606	158	770	91	0	20	60
4208	6/26	58° 30.26'	-148° 52.20'	61	8.0	2,770	133	1,289	168	0	55	5
4209	6/25	58° 29.96'	-149° 12.88'	65	8.0	724	44	750	100	0	130	0
4210	6/24	58° 30.41'	-149° 31.69'	74	8.0	304	20	219	30	0	80	0
4211	8/8	58° 30.17'	-149° 50.32'	76	8.0	1,538	116	2,015	238	0	55	0
4212	8/7	58° 29.86'	-150° 10.27'	49	8.0	664	52	2,161	280	0	0	15
4213	8/7	58° 29.98'	-150° 28.71'	47	8.0	604	48	2,204	297	0	5	0
4214	8/6	58° 29.95'	-150° 48.02'	54	8.0	1,491	94	1,125	131	0	74	0
4215	6/24	58° 40.02'	-149° 12.86'	73	8.0	363	25	175	19	0	5	10
4216	6/24	58° 39.89'	-149° 31.37'	71	8.0	184	12	171	23	0	54	5
4217	8/8	58° 39.95'	-149° 50.98'	74	8.0	1,410	108	1,329	155	0	90	0
4218	8/9	58° 39.88'	-150° 09.78'	67	8.0	2,074	123	1,101	133	0	175	0
4219	8/5	58° 40.12'	-150° 30.06'	113	8.0	908	59	528	65	95	95	0
4220	8/5	58° 40.04'	-150° 49.58'	107	8.0	552	34	182	21	165	50	0
4221	8/2	58° 40.33'	-151° 08.62'	104	8.0	549	32	145	16	160	60	0
4222	8/10	58° 50.06'	-149° 32.12'	119	8.0	696	36	348	41	84	0	0
4223	8/10	58° 50.17'	-149° 51.16'	131	8.0	1,292	73	411	47	155	5	5
4224	8/9	58° 49.39'	-150° 10.64'	86	8.0	962	61	836	100	45	89	0
4225	8/9	58° 49.55'	-150° 29.69'	92	8.0	770	51	356	40	15	20	0
4226	8/5	58° 50.05'	-150° 48.84'	93	8.0	704	48	463	55	105	220	0
4227	8/2	58° 49.98'	-151° 08.25'	79	8.0	1,142	85	1,123	135	10	70	5
4228	7/3	58° 50.44'	-151° 27.88'	67	8.0	929	54	484	64	5	173	20
4229	8/10	58° 59.51'	-149° 50.52'	119	8.0	247	9	106	13	158	20	0
4230	7/1	58° 59.95'	-150° 10.88'	105	8.0	363	20	129	16	173	144	0
4231	7/1	59° 00.02'	-150° 29.95'	65	8.0	842	55	518	71	0	60	0
4232	7/2	59° 00.06'	-150° 50.30'	84	7.9	2,323	132	347	42	29	88	5
4233	7/3	58° 57.86'	-151° 09.15'	92	8.0	760	48	384	48	0	134	0
4234	7/3	58° 57.47'	-151° 28.02'	51	8.0	2,021	78	925	125	0	5	30
4235	7/1	59° 10.11'	-150° 11.36'	70	8.0	1,613	78	364	45	0	110	5
4236	6/30	59° 10.32'	-150° 29.59'	70	8.0	1,135	49	284	34	5	74	0
4237	7/2	59° 10.07'	-150° 50.46'	62	8.0	1,264	83	939	113	0	45	15
4238	7/2	59° 09.95'	-151° 09.24'	33	8.0	3,049	203	1,683	196	0	0	40
4239	6/30	59° 19.84'	-150° 30.50'	116	8.0	2,173	108	128	15	35	290	0
4240	7/12	57° 19.91'	-150° 46.29'	85	8.0	671	45	606	74	64	30	5
4241	7/13	57° 32.86'	-150° 10.27'	176	8.0	190	9	0	0	125	0	85
4242	7/12	57° 29.70'	-150° 28.13'	84	8.0	1,558	104	522	61	0	20	0
4243	7/12	57° 29.15'	-150° 45.05'	53	8.0	392	26	604	79	0	193	0
4244	7/13	57° 39.87'	-149° 52.30'	182	8.0	1,286	73	86	9	115	0	65
4245	7/13	57° 39.90'	-150° 09.06'	115	8.0	1,207	71	223	25	109	10	0
4246	7/22	57° 39.92'	-150° 28.02'	50	8.0	968	58	638	88	0	180	0
4247	7/22	57° 39.89'	-150° 46.88'	46	8.0	1,746	100	1,783	218	0	99	0
4248	7/21	57° 40.47'	-151° 05.43'	40	8.0	545	39	489	62	0	260	0
4249	7/21	57° 40.23'	-151° 23.90'	34	8.0	969	72	888	100	0	50	0
4250	7/14	57° 50.05'	-149° 32.92'	187	8.0	1,601	80	104	11	193	0	10
4251	7/14	57° 50.09'	-149° 49.34'	141	8.0	1,009	62	472	57	130	5	0
4252	7/17	57° 50.54'	-150° 09.00'	107	8.0	558	35	544	64	89	74	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.

2010 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
4253	7/22	57° 49.89'	-150° 28.33'	49	8.0	4,071	236	1,906	228	0	0	15
4254	7/25	57° 49.86'	-150° 48.03'	44	8.0	2,388	107	2,003	244	0	60	0
4255	7/25	57° 49.75'	-151° 05.80'	38	8.0	1,117	83	1,143	131	0	275	0
4256	7/21	57° 49.67'	-151° 24.09'	33	8.0	1,055	77	934	109	0	200	0
4257	7/20	57° 49.89'	-151° 43.36'	27	8.0	317	26	1,967	251	0	99	0
4258	7/28	57° 50.11'	-152° 02.52'	53	8.0	986	53	597	80	0	100	0
4259	7/14	58° 00.06'	-149° 32.98'	87	8.0	5,059	309	1,376	156	0	0	10
4260	7/17	58° 00.48'	-149° 51.55'	130	8.0	1,081	59	131	16	205	5	5
4261	7/17	57° 59.77'	-150° 08.74'	124	8.0	1,001	62	311	37	105	20	0
4262	7/23	58° 00.06'	-150° 27.64'	89	8.0	1,148	78	377	43	25	160	0
4263	7/25	57° 59.72'	-150° 47.05'	74	7.9	1,840	120	1,250	140	10	64	0
4264	7/24	57° 59.52'	-151° 05.75'	43	8.0	3,335	182	2,193	253	0	0	0
4265	7/20	57° 59.77'	-151° 25.30'	43	8.0	753	51	1,241	153	0	75	0
4266	7/20	57° 59.89'	-151° 43.48'	64	8.0	1,224	96	994	115	30	64	0
4267	7/28	57° 59.48'	-152° 03.23'	95	8.0	461	20	59	7	0	20	0
4268	7/28	57° 59.73'	-152° 22.91'	92	8.0	1,010	57	69	7	5	198	20
4269	7/23	58° 09.92'	-150° 10.97'	80	8.0	3,464	237	1,952	213	15	15	0
4270	7/23	58° 09.81'	-150° 28.62'	63	8.0	1,829	139	2,098	249	0	25	0
4271	7/24	58° 09.85'	-150° 48.45'	63	8.0	572	44	713	89	5	139	0
4272	7/24	58° 09.96'	-151° 07.27'	71	8.0	2,415	147	574	67	100	50	0
4273	7/29	58° 10.11'	-151° 25.60'	91	8.0	849	54	391	44	0	185	0
4274	7/29	58° 09.71'	-151° 43.73'	33	8.0	4,529	238	1,597	191	0	5	20
4275	8/6	58° 19.77'	-150° 47.75'	34	8.0	493	40	1,487	198	0	5	0
4276	8/1	58° 20.30'	-151° 07.57'	67	8.0	425	32	479	61	0	40	0
4277	7/29	58° 19.16'	-151° 26.25'	47	8.0	3,581	260	1,903	227	0	0	0
4278	7/31	58° 20.03'	-151° 44.71'	30	8.0	2,492	105	611	71	0	5	0
4279	8/1	58° 29.91'	-151° 07.05'	55	8.0	889	68	1,409	176	0	59	0
4280	8/1	58° 30.06'	-151° 27.20'	93	8.0	1,452	99	374	43	20	150	5
4281	7/31	58° 29.95'	-151° 45.82'	94	8.0	1,208	67	56	6	110	70	0
4282	8/2	58° 40.05'	-151° 27.12'	102	8.0	669	36	164	18	110	125	0
4283	7/7	58° 39.93'	-151° 47.52'	70	8.0	776	55	868	105	10	65	0
4284	7/7	58° 40.09'	-152° 05.87'	69	8.0	1,243	76	553	69	20	45	0
4285	7/7	58° 49.80'	-152° 06.25'	53	8.0	1,855	70	927	113	0	182	10
4286	6/23	56° 19.98'	-152° 50.11'	61	8.0	1,801	108	748	99	0	39	10
4287	6/22	56° 19.63'	-153° 08.58'	71	8.0	752	50	267	34	15	40	0
4288	6/22	56° 20.00'	-153° 25.95'	29	8.0	2,008	87	404	48	0	0	0
4289	6/8	56° 30.00'	-152° 14.99'	117	8.0	1,241	77	246	30	5	20	36
4290	6/23	56° 29.95'	-152° 33.00'	147	8.0	963	57	378	42	50	15	0
4291	6/23	56° 30.00'	-152° 50.99'	28	7.9	1,842	119	1,385	167	0	0	5
4292	6/22	56° 30.02'	-153° 08.97'	39	7.9	557	32	501	64	0	54	0
4293	6/16	56° 29.95'	-153° 27.09'	47	8.0	695	38	362	46	0	5	0
4294	6/16	56° 30.02'	-153° 45.30'	34	8.0	1,704	72	216	26	0	50	0
4295	6/8	56° 40.05'	-151° 56.99'	33	7.9	1,581	98	1,069	133	0	10	10
4296	6/8	56° 40.02'	-152° 14.99'	26	8.0	2,099	118	1,359	162	0	5	0
4297	6/9	56° 40.00'	-152° 34.03'	75	7.9	1,203	69	607	78	0	15	0
4298	6/13	56° 39.64'	-152° 52.17'	38	8.0	1,148	62	765	103	0	0	0
4299	6/13	56° 39.95'	-153° 10.03'	80	8.0	1,122	53	59	6	0	15	0
4300	6/15	56° 39.84'	-153° 28.34'	77	8.0	837	40	96	12	0	15	0
4301	6/16	56° 40.05'	-153° 46.02'	52	8.0	1,293	63	493	61	0	50	0
4302	6/7	56° 50.01'	-151° 40.00'	163	8.0	388	23	111	13	40	10	5

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.

2010 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
4303	6/7	56° 50.00'	-151° 57.88'	42	8.0	963	62	1,096	131	0	0	0
4304	6/9	56° 50.06'	-152° 16.04'	52	8.0	1,177	69	1,061	135	0	5	0
4305	6/9	56° 49.96'	-152° 35.02'	74	8.0	751	50	303	37	10	45	0
4306	6/13	56° 50.47'	-152° 52.93'	35	8.0	251	19	867	117	0	0	0
4307	6/15	56° 50.16'	-153° 11.09'	45	8.0	1,941	113	737	90	0	35	0
4308	6/15	56° 50.26'	-153° 28.78'	53	8.0	706	43	227	29	0	25	0
4309	6/7	57° 00.05'	-151° 40.00'	42	7.9	1,436	86	906	110	0	0	5
4310	6/18	57° 00.02'	-151° 58.66'	45	8.0	378	27	820	109	0	20	0
4311	6/18	57° 00.31'	-152° 17.59'	41	8.0	471	26	1,099	145	0	30	0
4312	6/17	57° 00.04'	-152° 35.03'	84	8.0	1,232	76	359	39	30	45	0
4313	6/17	56° 59.88'	-152° 54.27'	65	8.0	700	47	610	77	0	15	0
4314	6/1	57° 10.09'	-151° 04.00'	207	8.0	571	34	124	15	95	0	40
4315	6/2	57° 10.00'	-151° 22.11'	70	8.0	2,313	154	923	107	0	25	0
4316	6/2	57° 10.00'	-151° 41.23'	40	8.0	606	44	802	99	0	110	0
4317	6/4	57° 09.78'	-151° 59.00'	39	8.0	1,425	95	952	108	0	20	0
4318	6/18	57° 10.01'	-152° 17.99'	44	8.0	422	33	627	80	0	45	0
4319	6/17	57° 09.96'	-152° 36.09'	53	8.0	556	36	356	46	0	50	0
4320	6/1	57° 19.79'	-151° 04.00'	51	8.0	1,707	91	700	93	0	10	0
4321	6/2	57° 20.07'	-151° 22.99'	74	8.0	1,791	116	706	86	0	54	0
4322	6/3	57° 19.98'	-151° 41.00'	34	8.0	848	59	774	97	0	91	0
4323	6/4	57° 19.79'	-152° 00.02'	40	7.9	824	60	681	78	0	140	0
4324	6/4	57° 19.69'	-152° 18.00'	22	7.9	1,652	58	138	17	0	29	0
4325	6/1	57° 29.93'	-151° 05.00'	44	8.0	707	42	353	42	0	213	5
4326	6/3	57° 29.99'	-151° 23.42'	55	8.0	620	44	872	108	0	114	0
4327	6/3	57° 29.80'	-151° 42.00'	59	7.9	1,168	79	384	47	0	206	0
4328	6/10	57° 29.98'	-152° 00.90'	25	8.0	3,222	158	744	84	0	5	0
4329	6/10	57° 39.95'	-151° 43.03'	35	7.8	831	62	616	68	0	58	0
4330	6/10	57° 39.76'	-152° 00.99'	84	8.0	1,352	76	326	36	0	105	0
4331	8/12	57° 29.77'	-154° 54.94'	126	8.0	588	24	55	6	20	74	0
4332	8/23	57° 39.91'	-154° 35.20'	118	8.0	395	21	49	6	0	72	0
4333	8/12	57° 40.03'	-154° 54.47'	129	8.0	503	27	68	9	20	75	0
4334	8/12	57° 40.14'	-155° 13.38'	162	8.0	1,312	86	362	40	55	50	0
4335	8/24	57° 49.95'	-154° 15.25'	112	5.2	380	20	23	3	31	13	0
4336	8/23	57° 50.01'	-154° 34.18'	126	8.0	900	43	145	18	25	15	0
4337	8/23	57° 50.09'	-154° 53.35'	157	8.0	1,069	64	228	25	45	94	0
4338	8/13	58° 00.05'	-153° 37.11'	92	8.0	477	28	308	40	0	70	0
4339	8/24	57° 59.90'	-153° 56.33'	107	8.0	493	20	14	2	0	10	0
4340	8/24	57° 59.97'	-154° 14.42'	127	8.0	778	43	110	13	30	40	0
4341	8/13	58° 10.09'	-153° 18.66'	53	8.0	215	15	780	117	0	106	0
4342	8/22	58° 09.86'	-153° 38.12'	106	8.0	645	18	24	3	5	0	0
4343	8/22	58° 09.93'	-153° 57.29'	115	8.0	509	19	45	5	10	5	0
4344	8/22	58° 19.96'	-153° 20.05'	95	8.0	494	25	66	8	0	5	0
4345	8/11	58° 19.99'	-153° 39.62'	94	8.0	588	21	27	3	0	20	0
4346	8/11	58° 20.16'	-153° 57.84'	45	8.0	1,186	56	622	83	0	10	0
4347	8/15	58° 30.28'	-153° 02.01'	91	8.0	425	23	178	23	0	5	0
4348	8/15	58° 30.00'	-153° 20.99'	98	8.1	222	11	180	22	5	26	0
4349	8/11	58° 30.21'	-153° 40.72'	52	8.0	1,245	45	374	52	0	81	0
4350	8/27	58° 39.94'	-152° 44.14'	109	8.0	396	13	150	19	0	70	0
4351	8/27	58° 40.28'	-153° 02.33'	85	8.0	1,880	73	128	18	0	100	0
4352	8/7	58° 40.02'	-153° 22.77'	27	8.0	295	15	254	39	0	5	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.

2010 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
4353	8/6	58° 50.06'	-152° 25.62'	93	8.1	762	45	142	17	10	40	0
4354	8/27	58° 49.82'	-152° 44.73'	102	8.0	154	9	143	18	0	65	0
4355	8/7	58° 49.66'	-153° 03.92'	88	8.0	938	40	298	39	0	135	0
4356	8/5	59° 00.08'	-151° 47.80'	75	8.0	1,057	74	1,064	136	0	139	0
4357	8/5	59° 00.02'	-152° 06.92'	76	8.1	2,475	128	1,145	139	0	116	0
4358	8/6	59° 00.40'	-152° 26.71'	78	8.0	586	36	374	49	5	20	0
4359	8/6	59° 00.10'	-152° 46.16'	92	8.0	800	54	155	17	0	40	0
4360	8/21	59° 00.21'	-153° 04.83'	81	8.0	970	45	369	53	0	85	0
4361	8/5	59° 09.85'	-152° 07.57'	77	8.0	1,781	76	1,051	140	0	65	0
4362	8/20	59° 10.02'	-152° 27.21'	57	8.0	335	21	202	30	0	40	0
4363	8/20	59° 10.07'	-152° 46.41'	74	8.0	856	52	398	52	0	45	0
4364	8/21	59° 09.60'	-153° 06.10'	47	8.0	681	20	102	15	0	15	0
4365	8/21	59° 09.98'	-153° 25.31'	22	8.0	119	7	19	3	0	10	0
4366	8/16	59° 20.06'	-152° 10.87'	38	8.0	449	29	860	118	0	0	0
4367	8/16	59° 20.07'	-152° 27.98'	40	8.0	85	6	111	18	0	5	0
4368	8/20	59° 19.93'	-152° 47.85'	41	8.0	507	28	292	40	0	25	0
4369	8/28	59° 20.07'	-153° 08.29'	28	8.0	596	23	24	3	0	0	0
4370	8/4	59° 30.02'	-151° 49.95'	39	8.0	1,128	73	774	98	0	35	0
4371	8/4	59° 29.93'	-152° 08.90'	23	8.0	1,456	86	1,454	195	0	0	0
4372	8/8	59° 29.96'	-152° 29.13'	30	8.0	589	33	431	55	0	0	0
4373	8/26	59° 29.89'	-152° 49.08'	28	8.0	888	41	140	17	0	5	0
4375	8/8	59° 49.73'	-152° 10.82'	27	8.0	330	17	428	54	0	0	0
372 Total Effective 3A Stations					Totals	348,068	18,366	169,600	21,168	8,790	14,068	2,999

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.