

2011 IPHC Stock Assessment Survey Area 3A

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Station	Date Fished	North Latitude	West Longitude	Depth (F)		O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4001	7/20	57° 50.01'	-137° 13.60'	169	6.0	445	20	17	2	20	0	54
4002	7/20	58° 00.00'	-136° 53.88'	229	6.0	52	2	0	0	84	0	20
4003	7/20	58° 00.00'	-137° 12.02'	113	6.0	1,957	96	98	11	40	0	5
4004	7/19	58° 00.01'	-137° 30.97'	90	6.0	2,042	85	220	27	0	10	54
4005	7/19	58° 00.01'	-137° 50.16'	101	6.0	1,477	79	380	48	15	0	10
4006	5/29	58° 10.00'	-136° 55.48'	108	6.0	346	14	55	9	74	5	10
4007	5/29	58° 10.01'	-137° 10.88'	67	6.0	1,047	42	303	39	0	0	0
4008	7/19	58° 10.00'	-137° 29.95'	79	6.0	251	13	257	38	15	0	0
4009	7/19	58° 10.00'	-137° 49.03'	85	6.0	308	12	54	7	0	0	0
4010	7/18	58° 10.01'	-138° 08.20'	82	6.0	489	35	849	113	0	5	0
4011	7/18	58° 10.00'	-138° 26.94'	90	5.6	2,081	106	524	63	0	0	28
4012	7/18	58° 10.01'	-138° 46.22'	104	6.0	1,030	42	571	78	0	0	40
4013	5/29	58° 20.00'	-137° 10.01'	94	6.0	39	2	46	7	5	0	0
4014	5/30	58° 20.00'	-137° 29.03'	103	6.0	75	4	47	9	0	0	0
4015	5/30	58° 20.00'	-137° 47.83'	96	6.0	553	20	27	4	0	0	0
4016	5/31	58° 20.01'	-138° 07.50'	71	6.0	734	37	425	57	0	5	0
4017	5/31	58° 20.00'	-138° 25.89'	72	6.0	136	11	510	73	0	20	0
4018	7/17	58° 20.00'	-138° 46.20'	66	6.0	907	27	468	69	0	0	40
4019	7/17	58° 20.00'	-139° 04.94'	61	6.0	1,475	51	105	15	0	0	50
4020	7/16	58° 20.00'	-139° 24.21'	148	6.0	4,295	179	142	16	0	0	0
4021	5/30	58° 30.01'	-137° 28.05'	39	6.0	32	2	151	28	0	0	0
4022	5/30	58° 30.00'	-137° 47.02'	86	6.0	24	1	0	0	0	0	0
4023	5/31	58° 30.00'	-138° 07.16'	74	6.0	493	18	134	16	0	0	0
4024	5/31	58° 30.00'	-138° 25.95'	64	6.0	961	77	1,230	159	0	10	5
4025	7/17	58° 30.00'	-138° 45.02'	53	6.0	937	40	174	23	0	0	30
4026	7/17	58° 30.00'	-139° 04.16'	56	6.0	229	11	269	35	0	0	5
4027	7/16	58° 30.00'	-139° 23.00'	93	6.0	518	24	365	52	0	10	65
4028	7/16	58° 30.00'	-139° 42.05'	137	6.0	513	24	36	4	45	0	0
4029	6/1	58° 40.03'	-138° 06.15'	50	6.0	1,977	84	980	130	0	0	35
4030	6/1	58° 40.00'	-138° 25.16'	73	6.0	37	3	146	19	0	0	0
4031	6/1	58° 40.00'	-138° 43.97'	55	6.0	396	14	309	50	0	0	0
4032	6/2	58° 40.02'	-139° 04.13'	85	6.0	410	31	459	60	30	25	0
4033	6/2	58° 40.00'	-139° 22.80'	139	6.0	1,322	74	468	58	40	5	0
4034	6/8	58° 40.02'	-139° 42.05'	105	6.0	268	14	124	17	20	0	100
4035	6/8	58° 40.00'	-140° 00.80'	106	6.0	822	39	550	79	20	0	0
4036	6/1	58° 50.01'	-138° 05.59'	30	6.0	111	8	297	49	0	0	0
4037	6/7	58° 50.00'	-138° 24.43'	40	6.0	1,552	50	235	31	0	0	15
4038	6/7	58° 50.00'	-138° 43.95'	67	6.0	78	5	74	12	0	25	0
4039	6/2	58° 50.00'	-139° 03.19'	106	6.0	214	14	137	17	0	0	5
4040	6/2	58° 50.00'	-139° 22.02'	75	6.0	98	3	0	0	0	0	0
4041	6/8	58° 50.00'	-139° 42.20'	90	6.0	98	6	97	12	0	0	15
4042	6/8	58° 50.00'	-140° 01.11'	97	6.0	999	30	328	44	0	0	5
4043	6/7	59° 00.00'	-138° 24.14'	35	6.0	223	18	185	23	0	0	0
4044	6/7	59° 00.00'	-138° 42.78'	88	6.0	26	2	0	0	0	0	0
4045	6/6	59° 00.00'	-139° 02.50'	58	6.0	13	1	21	3	0	0	0
4046	6/6	59° 00.00'	-139° 22.05'	62	6.0	0	0	10	1	0	0	0
4047	6/3	59° 00.00'	-139° 41.49'	68	6.0	153	7	112	15	0	15	0
4048	6/6	59° 10.00'	-139° 02.38'	30	6.0	130	8	226	37	0	104	0
4049	6/6	59° 10.00'	-139° 20.96'	54	6.0	30	2	0	0	0	0	0
4051	6/3	58° 50.00'	-140° 20.00'	101	6.0	933	33	488	68	10	0	0
4052	6/9	58° 50.00'	-140° 39.71'	107	6.0	895	35	327	46	29	5	24

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	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4053	6/3	59° 00.00'	-140° 00.92'	74	6.0	788	27	336	44	0	15	5
4054	6/3	59° 00.00'	-140° 19.79'	85	6.0	1,049	25	232	32	0	0	10
4055	6/9	59° 00.00'	-140° 39.30'	100	6.0	390	18	399	54	10	5	5
4056	6/9	59° 00.00'	-140° 58.98'	107	6.0	711	36	569	83	20	10	5
4057	6/11	59° 10.00'	-139° 41.42'	71	6.0	13	1	35	5	0	0	0
4058	6/11	59° 10.00'	-139° 59.77'	64	6.0	872	25	221	33	0	10	0
4059	6/10	59° 10.00'	-140° 20.11'	72	6.0	567	17	231	37	5	30	0
4060	6/10	59° 10.00'	-140° 38.97'	83	6.0	111	4	193	27	5	5	0
4061	6/17	59° 10.01'	-140° 58.95'	101	6.0	1,273	39	486	70	10	5	0
4062	6/17	59° 10.00'	-141° 18.11'	187	6.0	74	4	8	1	198	0	0
4063	6/18	59° 10.00'	-141° 37.78'	124	6.0	1,824	84	76	9	0	0	10
4064	6/11	59° 20.00'	-139° 40.14'	88	6.0	24	1	7	1	0	0	0
4065	6/11	59° 20.00'	-140° 00.11'	90	6.0	333	15	51	6	0	0	0
4066	6/10	59° 20.01'	-140° 20.30'	72	6.0	805	26	256	36	10	5	0
4067	6/10	59° 20.00'	-140° 38.96'	79	6.0	55	2	64	9	5	0	0
4068	6/17	59° 20.00'	-140° 59.30'	88	6.0	634	23	247	33	5	0	0
4069	6/17	59° 20.00'	-141° 17.98'	183	6.0	354	13	12	2	185	0	5
4070	6/18	59° 20.00'	-141° 38.15'	105	6.0	240	13	94	13	20	0	0
4071	6/18	59° 20.00'	-141° 58.03'	119	6.0	1,029	52	303	38	20	30	0
4072	6/12	59° 30.00'	-140° 00.30'	61	6.0	122	6	167	28	0	0	0
4073	6/12	59° 30.01'	-140° 18.84'	126	6.0	650	14	0	0	45	0	5
4074	6/12	59° 30.00'	-140° 38.95'	154	6.0	76	2	3	1	40	0	5
4075	6/15	59° 30.02'	-140° 59.65'	161	6.0	22	1	0	0	10	0	0
4076	6/15	59° 30.00'	-141° 19.07'	89	6.0	0	0	0	0	0	0	0
4077	6/16	59° 30.00'	-141° 37.80'	90	6.0	28	1	0	0	0	0	0
4078	6/16	59° 30.00'	-141° 58.05'	98	6.0	52	2	16	2	0	0	0
4079	6/12	59° 40.00'	-139° 59.03'	76	6.0	831	50	255	30	0	94	0
4080	6/15	59° 40.00'	-140° 58.89'	29	6.0	37	2	44	7	0	5	0
4081	6/15	59° 40.00'	-141° 19.00'	35	6.0	51	4	72	11	0	59	0
4082	6/16	59° 40.01'	-141° 38.36'	51	6.0	0	0	0	0	0	0	0
4083	6/16	59° 40.00'	-141° 57.95'	80	6.0	113	2	22	3	0	0	0
4084	7/12	59° 40.00'	-142° 17.93'	119	6.0	577	23	40	6	15	0	0
4085	7/12	59° 40.02'	-142° 37.85'	209	6.0	380	12	30	4	140	0	25
4086	7/11	59° 40.00'	-142° 57.95'	112	6.0	1,917	90	348	46	15	15	0
4087	7/11	59° 40.02'	-143° 17.16'	150	6.0	787	24	14	2	129	0	15
4088	7/10	59° 39.99'	-143° 37.22'	81	6.0	2,552	91	359	47	5	5	10
4089	7/10	59° 39.99'	-143° 57.00'	69	6.0	2,525	92	441	57	0	10	10
4090	6/19	59° 40.00'	-144° 17.13'	89	6.0	523	19	80	10	15	5	24
4091	6/19	59° 40.00'	-144° 36.66'	80	6.0	107	5	14	2	0	0	0
4092	7/12	59° 50.00'	-141° 59.03'	38	6.0	36	2	17	2	0	0	0
4093	7/12	59° 50.01'	-142° 18.01'	48	6.0	426	12	10	1	0	0	0
4094	7/13	59° 50.00'	-142° 38.03'	90	6.0	849	24	78	9	0	0	0
4095	7/11	59° 50.00'	-142° 57.92'	96	6.0	480	15	28	3	0	0	0
4096	7/11	59° 50.02'	-143° 17.91'	120	6.0	479	18	13	2	35	0	0
4097	7/10	59° 49.99'	-143° 38.19'	155	6.0	511	14	8	1	80	0	20
4098	7/10	59° 50.00'	-143° 58.13'	51	6.0	234	11	110	15	0	0	0
4099	6/19	59° 50.00'	-144° 18.00'	36	6.0	173	10	116	16	0	155	0
4100	7/13	60° 00.00'	-142° 38.98'	43	6.0	439	10	22	4	0	0	0
4101	7/13	60° 00.00'	-142° 58.85'	61	6.0	170	4	32	5	5	5	0
4102	6/21	59° 20.00'	-146° 16.12'	157	6.0	357	17	75	10	35	0	35
4103	6/21	59° 20.00'	-146° 34.91'	81	6.0	260	14	215	30	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	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4104	6/21	59° 20.00'	-146° 54.93'	106	6.0	633	32	92	16	0	0	0
4105	6/21	59° 20.00'	-147° 15.20'	102	6.0	599	27	120	15	0	0	0
4106	6/20	59° 30.00'	-145° 15.98'	75	6.0	1,964	96	800	102	0	0	209
4107	6/20	59° 29.98'	-145° 55.42'	91	6.0	717	45	249	31	0	0	5
4108	6/25	59° 30.00'	-146° 34.88'	52	6.0	437	16	237	33	0	0	10
4109	6/25	59° 30.00'	-146° 53.82'	98	6.0	105	7	53	8	0	0	5
4110	6/24	59° 30.00'	-147° 14.19'	119	6.0	164	8	18	3	45	0	0
4111	6/24	59° 30.01'	-147° 33.81'	64	6.0	199	8	165	25	0	0	0
4112	6/20	59° 40.00'	-145° 33.94'	58	6.0	125	8	86	11	0	0	0
4113	6/29	59° 40.00'	-145° 54.52'	44	6.0	1,500	71	612	82	0	0	5
4114	6/29	59° 40.00'	-146° 13.84'	46	6.0	504	26	317	46	0	0	0
4115	6/25	59° 40.00'	-146° 34.16'	49	6.0	860	37	622	85	0	20	20
4116	6/25	59° 40.00'	-146° 52.98'	61	6.0	45	3	20	3	0	0	0
4117	6/24	59° 40.00'	-147° 13.11'	99	6.0	1,010	57	198	23	20	0	10
4118	6/24	59° 40.00'	-147° 33.09'	66	6.0	256	13	182	28	0	0	0
4119	7/9	59° 50.00'	-144° 58.14'	109	6.0	781	25	33	4	15	45	5
4120	6/29	59° 50.00'	-145° 53.48'	57	6.0	22	2	38	6	0	0	0
4121	6/28	59° 50.00'	-146° 12.62'	35	6.0	1,099	73	624	77	0	0	0
4122	6/28	59° 50.00'	-146° 32.99'	37	6.0	1,015	41	399	55	0	0	5
4123	6/27	59° 50.02'	-146° 52.84'	43	6.0	83	7	613	84	0	5	0
4124	6/27	59° 50.00'	-147° 13.03'	84	6.0	963	57	359	45	0	20	5
4125	7/9	60° 00.00'	-144° 38.90'	127	6.0	265	11	9	1	35	40	0
4126	7/9	60° 00.00'	-144° 59.16'	72	6.0	103	7	43	7	0	0	0
4127	7/9	60° 00.02'	-145° 19.23'	66	6.0	436	18	64	8	0	10	0
4128	6/28	60° 00.00'	-146° 11.79'	34	6.0	1,133	54	422	58	0	0	0
4129	6/28	60° 00.01'	-146° 32.47'	36	6.0	218	12	511	74	0	0	0
4130	6/27	60° 00.00'	-146° 52.48'	79	6.0	34	3	53	6	0	0	0
4131	6/27	60° 00.00'	-147° 11.71'	104	6.0	275	13	31	5	0	25	0
4132	6/26	60° 10.00'	-145° 31.06'	47	6.0	215	12	38	5	0	0	0
4133	6/26	60° 10.01'	-145° 50.91'	60	6.0	188	9	41	6	5	25	0
4134	6/26	60° 10.00'	-146° 10.87'	44	6.0	302	16	416	65	0	10	0
4135	7/2	60° 10.00'	-147° 31.13'	38	6.0	517	28	347	51	0	60	10
4136	7/2	60° 10.01'	-147° 50.98'	186	6.0	699	41	293	34	30	79	20
4137	7/2	60° 20.02'	-147° 30.95'	69	6.0	425	14	145	18	0	84	5
4138	7/5	60° 30.00'	-146° 29.23'	35	6.0	179	9	405	64	0	10	0
4139	7/5	60° 29.84'	-146° 48.95'	218	6.0	487	26	73	8	60	10	10
4140	7/5	60° 29.95'	-147° 10.04'	100	6.0	427	26	209	28	5	65	0
4141	7/3	60° 29.93'	-147° 30.00'	107	6.0	169	10	128	18	0	35	0
4142	7/3	60° 28.95'	-147° 50.05'	256	6.0	204	12	71	9	30	5	35
4143	7/6	60° 40.04'	-146° 49.02'	227	6.0	482	30	116	13	40	10	25
4144	7/6	60° 40.02'	-147° 09.05'	139	6.0	820	42	268	34	15	65	0
4145	7/6	60° 49.99'	-147° 08.14'	176	6.0	631	34	177	21	10	70	0
4146	7/4	60° 50.01'	-148° 10.05'	170	6.0	133	7	31	3	5	0	10
4147	6/5	58° 39.91'	-148° 34.16'	130	6.0	803	44	75	9	140	15	5
4148	6/5	58° 39.99'	-148° 52.55'	91	6.0	1,123	76	233	27	35	15	5
4149	6/4	58° 49.88'	-148° 14.74'	150	6.0	1,981	115	169	21	115	10	0
4150	6/5	58° 47.36'	-148° 33.84'	158	6.0	833	50	25	3	145	0	5
4151	6/5	58° 50.00'	-148° 52.88'	138	6.0	1,129	64	71	8	176	0	25
4152	6/17	58° 50.02'	-149° 11.92'	112	6.0	678	42	75	8	115	0	10
4153	6/4	59° 00.20'	-147° 55.93'	210	6.0	1,512	82	85	9	90	0	0
4154	6/4	58° 59.98'	-148° 13.68'	116	6.0	1,056	62	182	22	40	76	5

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.

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4155	6/11	58° 59.99'	-148° 34.40'	132	6.0	413	23	51	6	89	5	0
4156	6/11	59° 02.04'	-148° 52.87'	103	6.0	259	15	19	2	85	5	0
4157	6/12	59° 00.06'	-149° 12.39'	115	6.0	195	9	0	0	30	0	0
4158	6/12	59° 00.05'	-149° 32.12'	126	6.0	103	7	29	4	40	0	5
4159	6/3	59° 10.18'	-147° 36.10'	123	6.0	2,557	158	512	59	10	86	0
4160	6/3	59° 10.01'	-147° 54.03'	109	6.0	401	23	127	19	5	0	0
4161	6/10	59° 10.04'	-148° 14.04'	67	6.0	1,441	89	243	31	0	20	122
4162	6/10	59° 10.00'	-148° 33.02'	84	6.0	103	7	42	5	45	25	0
4163	6/11	59° 09.95'	-148° 52.78'	96	6.0	625	32	90	10	20	0	0
4164	6/12	59° 10.02'	-149° 12.20'	84	6.0	320	16	160	20	5	61	15
4165	6/12	59° 09.99'	-149° 32.37'	87	6.0	165	11	176	21	20	0	0
4166	7/20	59° 10.00'	-149° 50.78'	73	6.0	672	34	294	37	40	60	0
4167	6/3	59° 20.07'	-147° 34.17'	66	6.0	537	22	59	7	0	0	20
4168	6/3	59° 20.05'	-147° 54.27'	100	6.0	116	6	18	3	0	5	0
4169	6/10	59° 20.02'	-148° 13.32'	85	6.0	241	16	118	13	0	15	0
4170	6/9	59° 20.02'	-148° 33.08'	50	6.0	2,914	133	602	72	0	0	66
4171	6/9	59° 20.02'	-148° 52.92'	91	6.0	203	12	153	18	30	15	5
4172	7/18	59° 19.98'	-149° 12.05'	100	6.0	1,455	82	137	15	74	30	0
4173	7/18	59° 20.04'	-149° 31.97'	66	6.0	1,807	108	843	99	0	0	0
4174	7/19	59° 19.99'	-149° 51.34'	103	6.0	243	15	66	8	50	205	0
4175	7/19	59° 19.98'	-150° 10.79'	87	6.0	2,163	122	266	31	25	45	0
4176	6/2	59° 30.12'	-147° 53.58'	60	6.0	115	6	72	10	0	0	0
4177	6/2	59° 30.16'	-148° 13.38'	112	6.0	267	10	27	3	20	0	0
4178	6/9	59° 30.03'	-148° 33.21'	53	6.0	105	8	239	32	0	60	5
4179	6/9	59° 29.97'	-148° 52.00'	92	6.0	69	5	59	8	15	10	0
4180	7/18	59° 30.02'	-149° 12.14'	124	6.0	401	18	57	8	119	25	5
4181	7/18	59° 30.05'	-149° 31.78'	57	6.0	404	20	561	83	0	25	0
4182	7/19	59° 30.03'	-149° 52.11'	111	6.0	503	25	119	14	40	74	5
4183	7/19	59° 29.99'	-150° 10.70'	71	6.0	369	25	466	58	0	15	0
4184	6/2	59° 40.09'	-147° 53.22'	35	6.0	1,812	116	1,317	152	0	0	10
4185	6/2	59° 39.88'	-148° 12.87'	61	6.0	12	1	7	1	0	0	0
4186	6/1	59° 40.29'	-148° 33.13'	113	6.0	0	0	9	1	20	0	0
4187	6/8	59° 39.98'	-148° 51.95'	97	6.0	48	3	48	7	0	5	0
4188	6/8	59° 40.08'	-149° 12.12'	114	6.0	1,149	56	187	22	30	25	0
4189	7/17	59° 39.93'	-149° 31.86'	156	6.0	189	9	54	6	20	120	0
4190	6/1	59° 50.14'	-148° 12.46'	45	6.0	118	8	313	48	0	10	0
4191	6/1	59° 50.34'	-148° 33.90'	69	6.0	106	7	60	7	10	5	0
4192	6/8	59° 50.01'	-148° 51.95'	93	6.0	332	9	36	5	0	0	0
4193	7/17	59° 49.99'	-149° 12.25'	76	6.0	338	12	153	18	5	5	0
4194	7/17	59° 49.91'	-149° 32.09'	81	6.0	335	13	101	12	5	50	0
4195	7/1	57° 59.98'	-149° 12.92'	73	6.0	2,709	174	521	63	0	0	20
4196	7/1	58° 10.00'	-148° 54.05'	70	5.9	1,603	93	428	56	0	54	0
4197	7/1	58° 10.02'	-149° 13.27'	63	6.0	2,447	126	296	36	0	74	15
4198	6/20	58° 10.02'	-149° 31.52'	59	6.0	553	34	98	12	0	5	55
4199	6/20	58° 09.96'	-149° 50.88'	76	6.0	614	47	164	18	45	0	0
4200	6/18	58° 20.05'	-148° 35.00'	101	6.0	1,083	61	258	31	74	15	5
4201	6/18	58° 19.98'	-148° 53.64'	68	6.0	709	44	224	29	0	50	0
4202	6/19	58° 19.98'	-149° 13.57'	86	6.0	618	40	225	26	0	100	0
4203	6/19	58° 19.96'	-149° 31.75'	82	6.0	998	80	589	68	0	45	0
4204	8/4	58° 20.13'	-149° 51.03'	43	6.0	1,340	89	1,855	229	0	0	0
4205	8/4	58° 20.00'	-150° 09.91'	28	6.0	1,021	63	1,637	201	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	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4206	8/2	58° 19.95'	-150° 28.90'	29	6.0	234	20	876	120	0	20	0
4207	6/18	58° 29.98'	-148° 34.27'	71	6.0	1,014	66	439	58	25	0	5
4208	6/18	58° 29.97'	-148° 52.76'	61	5.9	682	42	314	44	0	143	5
4209	6/19	58° 29.92'	-149° 12.75'	66	6.0	124	9	190	23	0	105	0
4210	6/19	58° 29.97'	-149° 31.86'	76	6.0	694	48	331	40	5	114	0
4211	8/4	58° 29.95'	-149° 50.81'	75	6.0	1,253	92	778	89	5	70	0
4212	8/4	58° 29.95'	-150° 10.64'	49	6.0	216	17	634	82	0	115	0
4213	8/3	58° 30.05'	-150° 29.20'	47	6.0	538	43	1,676	216	0	5	0
4214	8/2	58° 30.18'	-150° 47.95'	58	6.0	340	25	108	12	0	0	5
4215	6/17	58° 40.01'	-149° 12.65'	74	6.0	1,139	75	589	71	0	45	15
4216	6/17	58° 39.78'	-149° 32.20'	71	6.0	682	48	389	47	0	130	0
4217	8/5	58° 39.98'	-149° 51.00'	83	6.0	896	63	277	31	25	45	0
4218	8/5	58° 40.03'	-150° 09.84'	68	6.0	1,437	89	472	55	5	15	0
4219	8/3	58° 39.86'	-150° 29.06'	110	6.0	364	23	110	13	40	90	0
4220	8/3	58° 40.11'	-150° 49.23'	110	6.0	261	18	98	11	75	40	0
4221	7/28	58° 40.02'	-151° 08.26'	102	6.0	468	24	122	14	55	35	0
4222	6/17	58° 49.98'	-149° 32.09'	121	6.0	1,645	88	68	7	60	0	5
4223	8/5	58° 49.94'	-149° 51.28'	129	6.0	801	45	36	4	75	0	0
4224	8/5	58° 50.00'	-150° 09.95'	88	6.0	1,549	90	204	24	115	55	0
4225	7/26	58° 50.02'	-150° 29.99'	91	6.0	711	51	566	69	74	30	0
4226	7/26	58° 50.03'	-150° 49.65'	96	6.0	281	18	271	33	84	15	0
4227	7/28	58° 50.12'	-151° 07.98'	77	6.0	830	58	597	70	30	15	0
4228	7/28	58° 49.95'	-151° 27.64'	55	6.0	694	49	603	83	0	20	5
4229	7/20	59° 00.00'	-149° 50.84'	122	6.0	652	20	25	3	65	0	0
4230	7/20	59° 00.06'	-150° 10.61'	103	6.0	618	35	128	16	54	5	0
4231	7/26	59° 00.03'	-150° 29.80'	64	6.0	187	14	563	81	0	15	0
4232	7/26	59° 00.02'	-150° 50.23'	88	6.0	1,053	67	453	53	20	5	0
4233	7/27	58° 59.97'	-151° 08.94'	81	6.0	1,076	61	647	78	5	70	15
4234	7/27	59° 00.03'	-151° 28.02'	68	6.0	875	67	1,429	181	0	30	0
4235	7/20	59° 10.00'	-150° 10.89'	66	6.0	690	47	792	101	0	5	0
4236	7/21	59° 10.05'	-150° 30.36'	66	6.0	295	21	519	67	15	80	0
4237	7/21	59° 09.96'	-150° 50.16'	63	6.0	1,556	87	919	109	0	15	40
4238	7/27	59° 10.00'	-151° 08.76'	29	6.0	1,080	74	953	109	0	0	15
4239	7/21	59° 19.98'	-150° 31.01'	119	6.0	1,745	101	295	33	35	105	10
4240	6/28	57° 20.03'	-150° 46.11'	85	6.0	403	29	362	42	35	45	15
4241	6/22	57° 30.07'	-150° 09.02'	242	6.0	49	3	0	0	108	0	22
4242	6/28	57° 29.95'	-150° 27.95'	84	6.0	311	23	218	27	45	30	0
4243	6/28	57° 29.96'	-150° 45.94'	52	6.0	843	52	645	80	0	140	5
4244	6/22	57° 39.98'	-149° 50.44'	225	6.0	431	26	21	2	175	0	15
4245	6/22	57° 40.00'	-150° 09.02'	114	6.0	393	26	142	17	85	0	0
4246	6/29	57° 39.99'	-150° 27.83'	50	6.0	362	28	825	108	0	115	0
4247	6/27	57° 40.00'	-150° 47.19'	45	6.0	1,381	71	552	73	0	150	0
4248	6/27	57° 40.05'	-151° 05.04'	39	6.0	810	38	301	41	0	220	0
4249	6/26	57° 39.98'	-151° 24.23'	35	6.0	519	38	680	84	0	25	0
4250	6/21	57° 51.11'	-149° 32.52'	125	6.0	992	60	152	17	95	5	10
4251	6/21	57° 50.10'	-149° 49.57'	140	6.0	514	31	83	10	30	10	5
4252	6/29	57° 50.00'	-150° 09.12'	105	6.0	396	30	169	22	40	40	0
4253	6/29	57° 50.01'	-150° 28.10'	48	6.0	3,095	188	1,080	131	0	5	0
4254	6/27	57° 49.95'	-150° 47.37'	44	6.0	763	58	1,412	180	0	15	0
4255	6/27	57° 50.07'	-151° 06.11'	37	6.0	711	43	526	68	0	233	0
4256	6/26	57° 49.98'	-151° 23.98'	29	6.0	523	39	1,433	175	0	50	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	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4257	6/26	57° 50.00'	-151° 43.30'	27	6.0	243	20	1,589	225	0	35	0
4258	7/5	57° 49.95'	-152° 01.94'	49	6.0	713	47	618	86	0	105	0
4259	6/21	58° 00.07'	-149° 31.86'	81	6.0	649	43	157	18	10	45	5
4260	6/20	58° 00.03'	-149° 51.05'	126	6.0	514	33	93	10	170	5	0
4261	6/30	57° 59.98'	-150° 08.68'	124	6.0	668	38	59	8	70	5	0
4262	6/30	58° 00.05'	-150° 27.66'	88	6.0	770	53	378	42	0	55	0
4263	7/7	58° 00.08'	-150° 47.09'	72	6.0	954	68	554	66	0	109	0
4264	7/7	57° 59.98'	-151° 06.00'	44	6.0	607	47	1,199	150	0	20	0
4265	7/6	58° 00.07'	-151° 24.16'	41	6.0	347	25	451	56	0	95	0
4266	7/6	57° 59.96'	-151° 44.31'	65	6.0	833	63	552	60	10	183	0
4267	7/5	57° 59.84'	-152° 03.11'	98	6.0	1,356	65	207	23	5	0	0
4268	7/5	57° 59.99'	-152° 21.77'	114	6.0	757	40	115	14	10	105	0
4269	6/30	58° 09.95'	-150° 10.40'	79	6.0	2,389	165	331	39	5	69	5
4270	6/30	58° 09.98'	-150° 29.01'	61	6.0	1,271	88	824	94	0	25	0
4271	7/7	58° 09.97'	-150° 48.08'	61	6.0	392	28	272	32	0	50	0
4272	7/7	58° 09.99'	-151° 06.59'	78	6.0	1,473	104	401	43	40	45	0
4273	7/6	58° 09.98'	-151° 25.10'	89	6.0	1,010	72	263	27	10	139	0
4274	7/6	58° 10.01'	-151° 44.20'	32	6.0	2,753	167	994	116	0	0	0
4275	8/2	58° 20.23'	-150° 48.18'	35	6.0	327	27	1,194	163	0	30	0
4276	7/8	58° 20.02'	-151° 07.28'	69	6.0	527	40	470	62	10	35	0
4277	7/8	58° 20.10'	-151° 25.84'	38	6.0	1,386	95	1,396	183	0	0	0
4278	7/29	58° 19.98'	-151° 44.53'	29	6.0	1,648	112	1,264	142	0	0	0
4279	7/8	58° 29.94'	-151° 06.87'	52	6.0	488	38	728	88	0	59	0
4280	7/29	58° 29.98'	-151° 26.71'	91	6.0	1,518	101	253	31	64	79	0
4281	7/29	58° 29.95'	-151° 46.05'	94	6.0	1,523	89	151	17	45	61	0
4282	7/28	58° 40.05'	-151° 26.84'	99	6.0	635	42	195	22	80	40	0
4283	7/30	58° 40.03'	-151° 46.36'	68	6.0	1,223	75	341	39	10	10	0
4284	7/30	58° 39.94'	-152° 05.44'	69	6.0	1,043	52	224	26	60	25	0
4285	7/30	58° 49.95'	-152° 05.78'	55	6.0	902	67	1,428	181	0	15	5
4286	6/28	56° 20.01'	-152° 50.52'	57	6.0	3,417	183	799	99	0	50	5
4287	6/28	56° 20.23'	-153° 07.97'	38	6.0	1,007	57	528	72	0	35	0
4288	6/27	56° 20.04'	-153° 26.33'	33	6.0	1,715	84	1,130	135	0	5	0
4289	6/21	56° 29.88'	-152° 14.52'	111	6.0	950	65	578	66	30	35	15
4290	6/21	56° 29.92'	-152° 33.09'	149	6.0	777	50	351	43	75	0	30
4291	6/20	56° 30.10'	-152° 51.13'	30	6.0	1,159	87	1,363	164	0	135	0
4292	6/28	56° 29.97'	-153° 08.97'	40	6.0	302	24	819	103	0	145	0
4293	6/27	56° 30.04'	-153° 27.34'	48	6.0	428	32	754	96	0	175	0
4294	6/27	56° 30.25'	-153° 45.41'	32	6.0	1,798	73	390	47	0	60	0
4295	6/12	56° 40.48'	-151° 57.12'	31	6.0	1,125	66	1,274	160	0	45	0
4296	6/21	56° 39.90'	-152° 14.80'	24	6.0	1,204	77	1,799	232	0	0	0
4297	6/20	56° 39.95'	-152° 34.19'	76	6.0	743	57	657	79	10	60	0
4298	6/20	56° 39.94'	-152° 52.13'	39	6.0	691	38	1,381	186	0	5	0
4299	6/19	56° 40.48'	-153° 09.55'	82	6.0	628	39	151	18	0	10	0
4300	6/26	56° 40.09'	-153° 27.74'	76	6.0	768	35	222	27	0	140	0
4301	6/26	56° 40.27'	-153° 46.52'	54	6.0	661	41	433	57	0	165	0
4302	6/12	56° 49.77'	-151° 40.66'	158	6.0	265	20	253	32	75	0	55
4303	6/12	56° 50.01'	-151° 57.43'	41	6.0	1,594	73	836	110	0	115	5
4304	6/13	56° 49.94'	-152° 16.11'	53	6.0	1,083	60	1,126	140	0	100	0
4305	6/13	56° 50.08'	-152° 34.61'	76	6.0	535	36	435	57	0	25	0
4306	6/19	56° 49.88'	-152° 52.78'	36	6.0	684	37	757	96	0	25	0
4307	6/19	56° 49.96'	-153° 11.37'	57	6.0	910	61	494	57	0	185	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	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4308	6/26	56° 49.98'	-153° 29.07'	57	6.0	625	29	415	53	0	65	0
4309	6/11	57° 00.02'	-151° 40.02'	42	6.0	1,192	64	425	51	0	265	0
4310	6/11	57° 00.00'	-151° 58.88'	45	6.0	193	15	903	130	0	120	0
4311	6/13	56° 59.67'	-152° 16.93'	40	6.0	402	21	941	128	0	105	0
4312	6/18	56° 59.95'	-152° 35.49'	86	6.0	1,083	53	217	26	20	94	0
4313	6/18	57° 00.07'	-152° 53.44'	62	6.0	645	46	712	93	0	75	10
4314	6/10	57° 10.41'	-151° 04.72'	178	6.0	310	22	116	16	70	0	15
4316	6/11	57° 09.97'	-151° 41.30'	40	6.0	636	36	694	88	0	185	0
4317	6/17	57° 10.22'	-151° 59.29'	39	6.0	678	32	484	59	0	260	0
4318	6/17	57° 10.02'	-152° 17.65'	43	6.0	194	11	395	58	0	260	0
4319	6/18	57° 09.91'	-152° 36.08'	55	6.0	432	29	543	71	0	135	0
4320	6/9	57° 20.07'	-151° 04.06'	51	6.0	973	64	564	66	0	90	0
4321	6/10	57° 19.73'	-151° 23.10'	74	6.0	1,039	79	938	111	0	75	0
4322	6/16	57° 19.97'	-151° 41.72'	34	6.0	280	12	178	20	0	280	0
4323	6/16	57° 19.87'	-152° 00.09'	39	6.0	546	35	427	56	0	100	0
4325	6/9	57° 29.67'	-151° 05.05'	44	6.0	329	23	203	24	0	280	0
4326	6/9	57° 29.98'	-151° 22.73'	48	6.0	426	34	930	115	0	65	0
4327	6/8	57° 30.02'	-151° 42.20'	62	6.0	791	62	1,023	119	0	110	0
4328	6/16	57° 29.95'	-152° 00.92'	26	6.0	1,642	47	531	62	0	335	0
4329	6/8	57° 39.93'	-151° 43.25'	36	6.0	544	44	1,024	116	0	10	0
4330	6/8	57° 39.64'	-152° 00.89'	89	6.0	956	62	657	76	0	75	0
4331	6/18	57° 30.03'	-154° 54.78'	126	6.0	290	14	111	13	30	25	0
4332	6/19	57° 40.00'	-154° 34.98'	120	6.0	516	28	86	11	40	25	0
4333	6/18	57° 40.08'	-154° 54.06'	129	6.0	837	40	118	14	30	20	0
4334	6/18	57° 40.08'	-155° 12.86'	163	6.0	1,741	94	113	13	45	30	0
4335	6/20	57° 50.06'	-154° 15.11'	113	6.0	674	39	279	34	30	10	0
4336	6/19	57° 49.96'	-154° 34.00'	126	6.0	462	26	71	9	75	40	0
4337	6/19	57° 50.12'	-154° 52.75'	158	6.0	925	48	186	21	79	15	0
4338	6/16	57° 59.98'	-153° 37.51'	91	6.0	1,918	116	537	67	0	40	0
4339	6/20	58° 00.09'	-153° 56.26'	109	6.0	745	43	273	33	10	35	0
4340	6/20	58° 00.08'	-154° 13.92'	128	6.0	417	24	130	15	50	79	0
4341	6/3	58° 10.06'	-153° 18.94'	57	6.0	307	22	361	56	0	95	0
4342	6/3	58° 10.06'	-153° 37.83'	106	6.0	830	46	133	15	5	0	0
4343	6/16	58° 10.04'	-153° 57.17'	116	6.0	374	17	163	21	15	40	0
4344	6/3	58° 19.94'	-153° 20.04'	96	6.0	340	24	282	34	5	30	0
4345	6/2	58° 20.28'	-153° 39.04'	94	6.0	606	30	180	22	0	25	0
4346	6/16	58° 19.99'	-153° 57.95'	50	6.0	1,392	56	239	31	0	49	0
4347	6/4	58° 30.16'	-153° 02.19'	91	6.0	601	37	298	37	20	65	0
4348	6/2	58° 30.09'	-153° 21.30'	100	6.0	626	32	507	62	10	75	0
4349	6/2	58° 30.00'	-153° 41.09'	51	6.0	1,649	64	369	47	0	59	0
4350	6/21	58° 40.09'	-152° 44.05'	109	6.0	867	56	317	37	15	69	0
4351	6/4	58° 39.87'	-153° 02.95'	86	6.0	1,716	91	582	71	0	20	0
4352	6/4	58° 40.00'	-153° 23.06'	26	6.0	977	41	232	33	0	84	0
4354	6/21	58° 49.89'	-152° 44.78'	105	6.0	403	28	235	27	15	59	0
4355	6/21	58° 50.06'	-153° 03.90'	90	6.0	1,333	68	484	60	0	84	0
4356	5/31	58° 59.88'	-151° 47.12'	70	6.0	471	32	707	84	0	25	0
4357	5/31	59° 00.05'	-152° 06.76'	78	5.5	1,351	86	1,147	146	0	27	0
4358	6/11	58° 59.96'	-152° 27.77'	82	6.0	198	15	377	44	15	25	0
4359	6/11	59° 00.00'	-152° 46.00'	92	6.0	944	64	467	53	0	25	0
4360	6/21	59° 00.16'	-153° 04.97'	83	6.0	774	46	267	30	0	50	0
4361	5/31	59° 10.37'	-152° 07.54'	76	6.0	718	50	1,092	132	0	20	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.

**2011 IPHC Stock Assessment Survey
Area 3A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4362	6/10	59° 09.96'	-152° 27.04'	56	6.0	501	41	1,818	232	0	10	0
4363	6/10	59° 09.95'	-152° 47.15'	76	6.0	239	18	468	56	5	60	0
4364	6/12	59° 09.88'	-153° 06.29'	47	6.0	324	24	597	78	0	70	0
4365	6/12	59° 10.09'	-153° 25.66'	24	6.0	1,583	71	133	17	0	180	0
4366	5/30	59° 19.94'	-152° 11.28'	39	6.0	564	43	1,414	184	0	0	0
4367	6/8	59° 20.02'	-152° 28.25'	40	6.0	206	15	1,064	149	0	90	0
4368	6/8	59° 20.14'	-152° 47.94'	44	6.0	190	14	622	88	0	15	0
4369	6/10	59° 20.04'	-153° 08.13'	28	6.0	296	19	133	19	0	55	0
4370	5/30	59° 29.98'	-151° 50.20'	39	6.0	934	61	631	80	0	30	0
4371	5/30	59° 29.82'	-152° 08.90'	22	6.0	933	50	1,246	167	0	50	0
4372	6/9	59° 29.95'	-152° 29.16'	30	6.0	138	11	1,105	157	0	69	0
4373	6/8	59° 29.78'	-152° 48.83'	29	6.0	972	50	263	33	0	109	0
4374	6/9	59° 40.05'	-152° 29.95'	45	6.0	1,405	64	308	38	0	81	0
4375	6/9	59° 49.88'	-152° 11.14'	28	6.0	1,214	85	1,267	164	0	0	0
371 Total Effective 3A Stations					Totals	267,940	14,781	136,345	17,364	6,498	13,387	1,943

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.