

2014 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
4001	6/24	57° 50.00'	-137° 12.79'	165	7.0	532	23	15	2	190	0	90
4002	6/16	58° 00.03'	-136° 54.68'	230	7.0	55	3	17	2	84	0	10
4003	6/24	57° 59.98'	-137° 12.18'	108	7.0	1,365	69	207	29	25	5	20
4004	6/24	58° 00.02'	-137° 31.02'	88	7.0	4,772	201	495	60	0	5	35
4005	6/23	58° 00.02'	-137° 50.05'	100	7.0	1,766	95	431	56	20	0	40
4006	6/16	58° 10.00'	-136° 55.36'	107	7.0	1,467	63	59	8	130	20	5
4007	6/16	58° 10.00'	-137° 10.31'	67	7.0	2,475	99	645	83	0	0	0
4008	6/23	58° 10.09'	-137° 30.02'	77	7.0	817	37	524	68	5	10	0
4009	6/23	58° 10.00'	-137° 49.19'	84	7.0	1,067	34	197	26	0	0	0
4010	6/15	58° 09.91'	-138° 08.02'	80	7.0	467	28	534	70	0	40	0
4011	6/15	58° 09.89'	-138° 27.04'	89	7.0	2,403	97	487	63	0	0	65
4012	6/15	58° 09.98'	-138° 45.95'	108	7.0	1,249	58	405	57	5	5	54
4013	6/2	58° 20.00'	-137° 09.81'	93	7.0	258	5	78	12	0	0	0
4014	6/2	58° 20.00'	-137° 28.94'	103	7.0	139	6	69	10	25	0	0
4015	6/3	58° 20.00'	-137° 48.26'	95	7.0	648	25	64	8	0	0	0
4016	6/3	58° 20.00'	-138° 06.37'	71	7.0	94	7	249	33	0	5	0
4017	6/5	58° 20.00'	-138° 26.13'	72	7.0	516	30	646	93	0	5	0
4018	6/5	58° 20.01'	-138° 45.98'	63	6.9	1,489	40	581	77	0	0	10
4019	6/14	58° 20.06'	-139° 05.14'	60	7.0	1,432	59	436	61	0	0	104
4020	6/14	58° 20.26'	-139° 24.02'	146	7.0	3,158	131	76	9	30	0	0
4021	6/2	58° 28.44'	-137° 29.90'	78	7.0	44	1	13	2	0	0	0
4022	6/3	58° 30.00'	-137° 47.43'	85	7.0	0	0	8	1	0	0	0
4023	6/3	58° 30.00'	-138° 06.60'	75	7.0	192	6	22	3	0	5	0
4024	6/5	58° 30.00'	-138° 26.09'	64	7.0	802	49	1,175	157	0	0	20
4025	6/5	58° 29.98'	-138° 44.97'	53	7.0	1,415	46	319	47	0	0	10
4026	6/13	58° 30.52'	-139° 04.03'	57	7.0	106	8	552	82	0	0	5
4027	6/14	58° 29.47'	-139° 22.98'	93	7.0	1,591	54	583	84	0	20	15
4028	6/6	58° 29.99'	-139° 42.17'	135	7.0	1,219	48	426	61	35	0	15
4029	6/4	58° 40.01'	-138° 05.85'	51	7.0	1,426	46	357	48	0	0	30
4030	6/4	58° 40.02'	-138° 24.33'	74	7.0	457	25	349	44	0	0	0
4031	6/13	58° 39.84'	-138° 43.99'	56	7.0	1,339	37	733	108	0	0	20
4032	6/13	58° 39.59'	-139° 04.02'	78	7.0	621	38	736	94	0	15	0
4033	6/12	58° 40.00'	-139° 23.36'	138	7.0	584	26	37	5	74	0	5
4034	6/6	58° 39.99'	-139° 42.20'	104	7.0	786	34	200	29	15	5	10
4035	6/6	58° 40.00'	-140° 00.95'	105	7.0	1,750	71	830	111	0	0	0
4036	6/4	58° 50.00'	-138° 06.11'	32	7.0	142	6	64	9	0	0	0
4037	6/4	58° 50.00'	-138° 24.07'	40	7.0	1,983	55	87	10	0	0	25
4038	6/8	58° 52.34'	-138° 43.04'	70	7.0	1,134	78	1,019	130	0	0	0
4039	6/12	58° 49.98'	-139° 03.00'	105	7.0	203	10	141	20	5	0	0
4040	6/12	58° 50.00'	-139° 21.88'	73	7.0	170	11	74	9	0	0	5
4041	6/7	58° 50.04'	-139° 43.11'	89	7.0	391	13	107	14	0	0	0
4042	6/7	58° 50.09'	-140° 01.04'	95	7.0	1,654	52	331	43	5	0	0
4043	6/8	58° 59.94'	-138° 24.08'	34	7.0	361	20	287	36	0	0	0
4044	6/8	59° 00.08'	-138° 42.73'	87	7.0	40	2	8	1	0	0	0
4045	6/11	59° 00.00'	-139° 02.27'	56	7.0	103	4	139	22	0	0	0
4046	6/11	59° 00.00'	-139° 21.59'	59	7.0	30	2	28	3	0	0	0
4047	6/7	58° 59.98'	-139° 41.14'	68	7.0	590	17	170	24	0	0	0
4048	6/11	59° 10.00'	-139° 02.25'	29	7.0	18	1	42	6	0	15	0
4049	6/11	59° 10.02'	-139° 20.97'	53	7.0	92	3	65	8	0	0	0
4051	6/2	58° 50.10'	-140° 20.32'	103	7.0	2,606	103	697	95	0	0	5
4052	6/3	58° 49.91'	-140° 39.67'	108	7.0	1,725	60	457	60	45	0	10

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	6/2	58° 59.98'	-140° 01.69'	75	7.0	697	21	243	35	0	10	20
4054	6/2	59° 00.17'	-140° 20.39'	85	7.0	1,703	49	598	79	0	0	25
4055	6/3	59° 00.16'	-140° 38.30'	98	7.0	796	28	579	85	0	0	0
4056	6/3	58° 59.80'	-140° 58.92'	107	7.0	1,453	63	588	83	0	0	5
4057	6/9	59° 10.04'	-139° 41.01'	70	7.0	137	7	260	36	0	0	5
4058	6/10	59° 10.06'	-139° 59.93'	63	7.0	495	25	383	55	0	5	0
4059	6/10	59° 10.13'	-140° 19.35'	70	7.0	1,230	37	360	53	0	0	0
4060	6/5	59° 10.06'	-140° 40.01'	84	7.0	639	29	597	80	0	0	0
4061	6/5	59° 10.05'	-140° 58.66'	100	7.0	997	30	338	48	0	0	0
4062	6/4	59° 10.09'	-141° 17.43'	188	7.0	572	28	146	20	40	0	0
4063	8/31	59° 10.00'	-141° 38.11'	123	7.0	2,486	118	169	21	220	0	0
4064	6/9	59° 19.98'	-139° 39.97'	83	7.0	293	12	118	14	0	0	0
4065	6/9	59° 19.97'	-139° 59.66'	89	7.0	196	6	22	3	0	0	0
4066	6/10	59° 19.94'	-140° 19.35'	71	7.0	558	26	402	51	0	0	0
4067	6/5	59° 19.50'	-140° 38.87'	78	7.0	247	8	238	29	0	0	0
4068	6/4	59° 19.78'	-140° 59.55'	89	7.0	1,270	46	328	51	5	5	0
4069	6/4	59° 20.01'	-141° 17.55'	183	7.0	887	31	40	6	149	0	5
4070	8/31	59° 20.02'	-141° 38.00'	104	7.0	939	47	298	38	0	0	0
4071	8/31	59° 19.88'	-141° 58.03'	120	7.0	2,107	98	344	43	20	20	0
4072	6/8	59° 30.04'	-140° 00.78'	64	7.0	88	3	17	2	0	0	0
4073	6/8	59° 29.85'	-140° 18.69'	127	7.0	1,002	27	7	1	35	5	20
4074	6/11	59° 30.13'	-140° 39.03'	153	7.0	118	4	8	1	40	0	25
4075	6/11	59° 30.14'	-140° 58.81'	161	7.0	911	36	8	2	81	0	25
4076	8/12	59° 30.00'	-141° 18.98'	91	7.0	276	10	16	2	0	0	5
4077	8/30	59° 30.00'	-141° 38.11'	89	7.0	0	0	5	1	0	0	0
4078	8/30	59° 30.00'	-141° 57.85'	97	7.0	356	13	83	11	0	0	0
4079	6/8	59° 39.84'	-139° 58.54'	78	7.0	768	36	204	24	0	60	0
4080	6/11	59° 39.82'	-140° 59.18'	30	7.0	0	0	9	1	0	0	0
4081	8/12	59° 40.03'	-141° 19.85'	33	7.0	86	3	36	5	0	5	0
4082	8/12	59° 40.05'	-141° 38.09'	50	7.0	477	19	265	35	0	0	0
4083	8/30	59° 40.11'	-141° 58.03'	81	7.0	65	3	7	1	0	0	0
4084	8/11	59° 40.00'	-142° 18.05'	120	7.0	334	12	9	2	0	0	0
4085	8/29	59° 40.01'	-142° 37.92'	212	7.0	461	22	175	20	89	0	15
4086	8/29	59° 40.00'	-142° 58.00'	111	7.0	2,606	117	581	75	60	10	0
4087	8/28	59° 40.00'	-143° 17.08'	149	7.0	1,210	36	100	13	125	5	25
4088	8/28	59° 40.00'	-143° 36.73'	82	7.0	2,024	96	790	104	0	5	0
4089	8/27	59° 40.07'	-143° 56.99'	69	7.0	2,415	94	779	106	0	5	15
4090	8/26	59° 39.96'	-144° 17.00'	88	7.0	937	23	50	6	0	0	5
4091	8/26	59° 40.00'	-144° 37.02'	80	7.0	13	1	19	3	0	0	0
4092	8/11	59° 50.09'	-141° 59.11'	37	7.0	102	5	60	8	0	0	0
4093	8/11	59° 49.93'	-142° 17.33'	47	7.0	1,859	76	784	105	0	54	30
4094	8/29	59° 50.06'	-142° 38.05'	90	7.0	1,232	49	189	24	0	10	5
4095	8/7	59° 50.29'	-142° 58.14'	93	7.0	275	13	73	9	10	0	0
4096	8/28	59° 50.00'	-143° 18.20'	120	7.0	1,091	58	218	27	20	50	5
4097	8/27	59° 49.99'	-143° 38.12'	154	7.0	295	13	22	4	69	0	39
4098	8/27	59° 50.02'	-143° 58.05'	51	7.0	93	3	71	10	0	0	0
4099	8/26	59° 50.01'	-144° 18.38'	33	7.0	864	18	94	17	0	10	0
4100	8/7	60° 00.19'	-142° 39.42'	40	6.9	3,534	72	185	25	0	20	0
4101	8/7	60° 00.22'	-142° 58.50'	60	7.0	1,170	42	254	32	0	70	0
4102	7/26	59° 20.03'	-146° 15.45'	153	7.0	772	40	206	28	10	5	174
4103	7/26	59° 20.02'	-146° 35.09'	79	7.0	995	53	187	25	5	0	10

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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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	8/2	59° 20.12'	-146° 54.35'	106	7.0	216	12	134	18	30	0	0
4105	8/2	59° 20.08'	-147° 14.84'	103	7.0	149	8	74	11	64	5	5
4106	7/24	59° 30.04'	-145° 16.14'	72	7.0	916	37	360	48	0	0	104
4107	7/25	59° 30.00'	-145° 55.70'	93	7.0	557	26	381	46	15	0	5
4108	7/26	59° 29.93'	-146° 34.89'	48	7.0	50	3	93	13	0	0	0
4109	7/27	59° 29.82'	-146° 53.56'	96	7.0	459	20	46	5	5	15	5
4110	8/2	59° 29.91'	-147° 14.08'	119	7.0	17	1	42	5	0	0	0
4111	8/3	59° 29.99'	-147° 33.69'	62	7.0	156	10	103	14	0	0	0
4112	7/24	59° 39.70'	-145° 34.29'	57	7.0	283	14	120	15	0	5	0
4113	7/25	59° 39.95'	-145° 54.30'	43	7.0	11	1	115	18	0	0	0
4114	7/25	59° 39.95'	-146° 13.51'	46	7.0	102	7	458	69	0	0	0
4115	7/27	59° 39.98'	-146° 34.73'	47	7.0	1,544	65	772	101	0	0	55
4116	7/27	59° 39.86'	-146° 52.80'	59	7.0	176	12	36	5	0	0	0
4117	8/3	59° 39.95'	-147° 12.87'	102	7.0	1,090	58	152	17	10	35	15
4118	8/3	59° 40.04'	-147° 32.31'	65	7.0	1,864	106	865	104	0	5	0
4119	7/16	59° 49.83'	-144° 57.88'	108	7.0	846	25	60	8	15	35	0
4120	7/23	59° 50.27'	-145° 53.56'	56	7.0	234	17	415	54	0	25	0
4121	7/23	59° 50.15'	-146° 13.12'	34	7.0	1,669	119	1,373	165	0	0	20
4122	7/22	59° 49.97'	-146° 32.65'	37	7.0	1,042	35	855	120	0	0	25
4123	7/22	59° 49.72'	-146° 52.93'	41	7.0	148	9	390	58	0	40	0
4124	7/21	59° 50.01'	-147° 13.64'	73	7.0	798	48	446	53	0	39	5
4125	8/6	59° 59.89'	-144° 39.23'	126	7.0	854	32	53	7	95	35	5
4126	7/16	59° 59.58'	-144° 58.26'	76	7.0	787	46	304	36	5	5	5
4127	7/16	59° 59.91'	-145° 18.41'	65	7.0	1,291	54	461	58	0	15	0
4128	7/23	59° 59.72'	-146° 11.12'	34	7.0	1,166	55	816	106	0	0	10
4129	7/22	60° 00.05'	-146° 31.84'	35	7.0	72	3	864	137	0	0	0
4130	7/21	60° 00.02'	-146° 52.69'	81	7.0	236	11	85	11	0	30	5
4131	7/21	60° 00.00'	-147° 11.57'	103	7.0	469	23	128	16	25	89	5
4132	7/17	60° 10.02'	-145° 30.71'	47	6.9	1,487	61	313	40	0	88	0
4133	7/17	60° 10.04'	-145° 50.98'	60	7.0	968	52	272	35	0	155	0
4134	7/17	60° 09.89'	-146° 09.29'	44	7.0	716	34	565	80	0	10	0
4135	7/13	60° 10.00'	-147° 30.78'	44	7.0	722	31	207	29	0	59	34
4136	7/11	60° 10.16'	-147° 51.75'	190	7.0	1,458	94	587	71	0	64	10
4137	7/13	60° 20.00'	-147° 31.28'	71	7.0	730	20	114	15	0	45	40
4138	7/15	60° 30.06'	-146° 29.01'	39	7.0	967	41	436	56	0	0	0
4139	7/15	60° 30.02'	-146° 49.01'	221	7.0	1,501	78	248	28	15	0	25
4140	7/15	60° 30.02'	-147° 09.10'	112	7.0	765	47	505	59	0	60	0
4141	7/13	60° 29.58'	-147° 30.09'	106	7.0	319	21	269	35	0	74	10
4142	7/11	60° 28.80'	-147° 49.98'	232	6.9	1,772	83	87	10	5	10	49
4143	7/14	60° 40.47'	-146° 49.41'	230	7.0	1,611	101	825	95	10	0	40
4144	7/14	60° 40.02'	-147° 08.79'	137	7.0	1,591	75	167	21	5	45	0
4145	7/14	60° 50.12'	-147° 08.02'	130	7.0	745	33	189	22	0	45	15
4146	7/12	60° 50.08'	-148° 09.96'	169	6.9	2,165	77	94	11	5	5	25
4147	6/24	58° 39.70'	-148° 34.16'	129	7.0	548	30	47	7	125	95	15
4148	6/24	58° 39.99'	-148° 52.76'	92	7.0	557	35	247	35	15	100	20
4149	6/23	58° 50.06'	-148° 14.96'	155	7.0	301	17	254	42	95	20	5
4150	6/24	58° 50.03'	-148° 34.06'	161	7.0	372	18	17	2	125	5	5
4151	6/22	58° 49.88'	-148° 53.30'	138	7.0	476	27	19	2	170	5	0
4152	6/22	58° 49.78'	-149° 12.02'	112	7.0	509	29	104	12	165	15	0
4153	8/1	59° 00.13'	-147° 55.12'	232	7.0	12	1	28	3	71	0	5
4154	6/23	58° 59.33'	-148° 15.52'	134	7.0	1,035	43	41	6	265	20	0

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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	6/23	58° 59.59'	-148° 33.08'	132	7.0	134	8	67	9	170	5	5
4156	6/25	59° 00.05'	-148° 53.09'	115	7.0	127	8	25	3	114	10	0
4157	6/22	58° 59.88'	-149° 11.79'	116	7.0	132	7	69	9	139	0	0
4158	6/21	59° 00.35'	-149° 32.04'	128	7.0	89	6	14	2	50	0	0
4159	8/1	59° 10.19'	-147° 34.98'	131	7.0	1,987	98	274	31	50	120	40
4160	8/1	59° 09.90'	-147° 53.25'	112	7.0	2,389	126	273	36	89	20	0
4161	7/6	59° 09.96'	-148° 14.02'	67	7.0	799	40	477	64	0	60	35
4162	7/5	59° 10.10'	-148° 33.22'	84	7.0	446	28	261	32	41	41	5
4163	6/25	59° 09.87'	-148° 52.77'	96	7.0	577	30	137	17	0	10	5
4164	6/25	59° 09.68'	-149° 12.57'	82	7.0	963	52	324	42	30	50	0
4165	6/21	59° 10.25'	-149° 32.80'	87	7.0	289	18	99	13	70	15	0
4166	6/21	59° 10.00'	-149° 50.70'	73	7.0	168	10	181	23	5	54	0
4167	7/31	59° 19.76'	-147° 35.00'	68	7.0	1,899	82	633	84	5	0	70
4168	7/31	59° 19.86'	-147° 53.84'	101	7.0	212	8	114	13	15	10	0
4169	7/31	59° 19.95'	-148° 13.14'	86	7.0	685	35	62	8	20	5	0
4170	7/6	59° 20.12'	-148° 32.72'	51	7.0	803	38	535	74	0	0	40
4171	7/5	59° 20.15'	-148° 52.80'	93	7.0	1,062	51	207	26	5	20	0
4172	7/4	59° 20.00'	-149° 12.11'	102	7.0	921	54	260	32	20	25	0
4173	7/4	59° 19.70'	-149° 32.07'	68	7.0	1,152	56	263	34	0	108	5
4174	6/20	59° 20.04'	-149° 50.97'	104	7.0	336	22	177	23	10	30	0
4175	6/20	59° 20.09'	-150° 11.06'	86	7.0	585	32	198	25	0	134	0
4176	7/30	59° 29.94'	-147° 53.68'	65	7.0	717	26	356	47	0	5	0
4177	7/30	59° 30.20'	-148° 12.85'	114	7.0	30	2	34	5	30	5	5
4178	7/5	59° 29.96'	-148° 32.77'	53	7.0	121	2	630	104	0	10	5
4179	7/5	59° 29.91'	-148° 51.92'	90	7.0	0	0	60	8	5	5	0
4180	7/4	59° 29.71'	-149° 12.10'	124	7.0	326	17	91	11	30	60	5
4181	7/3	59° 29.86'	-149° 32.00'	160	7.0	249	16	457	62	0	10	0
4182	7/3	59° 30.06'	-149° 51.42'	112	7.0	855	43	139	17	5	155	0
4183	6/20	59° 29.91'	-150° 10.85'	60	7.0	688	40	356	46	0	45	10
4184	7/30	59° 39.97'	-147° 53.13'	38	7.0	2,589	118	1,111	132	0	0	69
4185	7/7	59° 40.28'	-148° 14.46'	84	7.0	178	11	203	27	0	40	0
4186	7/7	59° 40.08'	-148° 31.54'	114	7.0	14	1	32	5	5	20	0
4187	7/8	59° 40.07'	-148° 51.84'	98	7.0	0	0	21	3	5	0	0
4188	6/26	59° 40.04'	-149° 12.41'	115	7.0	456	17	97	12	65	25	5
4189	7/3	59° 39.95'	-149° 32.36'	160	7.0	179	12	83	10	15	35	0
4190	7/7	59° 50.03'	-148° 12.04'	48	7.0	136	8	176	24	0	54	0
4191	7/8	59° 49.97'	-148° 32.57'	73	7.0	119	6	56	6	5	20	0
4192	7/8	59° 49.89'	-148° 52.12'	73	7.0	141	6	39	5	5	15	0
4193	6/26	59° 49.69'	-149° 12.29'	76	7.0	587	33	200	27	0	5	0
4194	6/26	59° 49.82'	-149° 31.95'	85	7.0	424	20	107	14	0	0	0
4195	6/18	57° 59.94'	-149° 13.04'	75	7.0	2,365	150	1,057	136	0	0	25
4196	6/19	58° 10.10'	-148° 54.03'	71	7.0	3,270	219	658	83	0	0	15
4197	6/18	58° 09.96'	-149° 13.13'	64	7.0	1,107	63	888	117	0	0	30
4198	6/18	58° 10.11'	-149° 31.99'	58	7.0	1,091	69	954	128	0	5	10
4199	6/28	58° 10.14'	-149° 50.97'	75	7.0	1,304	86	927	117	0	35	5
4200	6/20	58° 20.00'	-148° 34.98'	97	7.0	1,715	103	363	49	25	163	0
4201	6/19	58° 19.98'	-148° 54.13'	69	7.0	522	33	573	83	0	59	10
4202	6/19	58° 20.04'	-149° 12.98'	85	7.0	759	53	670	90	0	90	0
4203	6/28	58° 19.91'	-149° 31.98'	83	7.0	553	43	1,007	138	0	50	0
4204	6/28	58° 19.88'	-149° 51.02'	41	6.9	481	39	1,965	254	0	0	0
4205	7/15	58° 19.98'	-150° 09.99'	28	6.9	786	53	1,625	197	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.

2014 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
4206	7/30	58° 19.90'	-150° 29.02'	30	6.0	78	6	170	22	0	0	0
4207	6/20	58° 29.99'	-148° 34.12'	75	7.0	336	22	457	71	0	135	0
4208	6/20	58° 29.99'	-148° 52.86'	62	7.0	640	40	804	121	0	10	10
4209	6/21	58° 30.00'	-149° 13.08'	67	7.0	144	11	196	31	0	188	0
4210	6/21	58° 30.01'	-149° 31.93'	77	7.0	242	18	360	48	0	187	0
4211	6/27	58° 29.98'	-149° 51.03'	75	6.9	316	24	488	65	0	118	0
4212	7/15	58° 30.00'	-150° 09.99'	50	6.9	262	17	672	98	0	5	5
4213	7/15	58° 30.00'	-150° 28.91'	48	6.9	47	4	194	26	0	5	0
4214	7/29	58° 30.00'	-150° 48.11'	57	7.0	930	65	685	88	0	54	5
4215	6/21	58° 39.88'	-149° 12.92'	75	7.0	375	25	367	51	0	25	10
4216	6/22	58° 40.03'	-149° 32.17'	74	7.0	251	15	315	49	0	228	5
4217	6/27	58° 39.89'	-149° 51.02'	81	7.0	531	34	446	56	0	114	0
4218	6/27	58° 40.05'	-150° 09.95'	68	7.0	1,096	65	619	85	0	25	0
4219	7/14	58° 40.00'	-150° 29.16'	110	7.0	375	25	330	44	40	109	0
4220	7/14	58° 39.99'	-150° 48.94'	111	7.0	766	47	390	49	20	89	0
4221	7/28	58° 40.01'	-151° 08.20'	105	6.9	903	51	263	33	20	108	0
4222	6/22	58° 49.99'	-149° 32.26'	123	7.0	416	14	23	3	40	25	0
4223	6/22	58° 49.99'	-149° 50.84'	131	7.0	732	39	75	8	85	15	0
4224	6/26	58° 50.14'	-150° 09.90'	88	7.0	971	64	541	68	35	35	10
4225	7/13	58° 49.95'	-150° 29.98'	87	7.0	726	48	588	74	10	79	0
4226	7/14	58° 49.99'	-150° 49.04'	99	7.0	188	10	300	37	40	277	0
4227	7/28	58° 49.89'	-151° 08.03'	71	5.9	561	38	1,195	158	0	42	0
4228	7/27	58° 50.13'	-151° 27.98'	68	6.9	551	38	900	115	0	54	0
4229	6/26	58° 59.95'	-149° 51.08'	122	7.0	187	9	40	6	94	10	0
4230	6/26	59° 00.00'	-150° 11.20'	103	7.0	352	22	148	19	40	10	0
4231	7/13	59° 00.00'	-150° 30.21'	65	6.9	264	18	531	75	0	93	0
4232	7/13	59° 00.01'	-150° 49.94'	89	7.0	1,180	71	536	69	5	50	0
4233	7/12	59° 00.00'	-151° 08.88'	83	6.9	1,162	54	403	53	0	142	0
4234	7/27	59° 00.00'	-151° 28.18'	67	8.0	404	29	1,381	177	0	45	0
4235	6/25	59° 10.02'	-150° 11.16'	67	7.0	611	39	593	80	0	100	0
4236	6/25	59° 09.96'	-150° 30.01'	68	7.0	418	25	333	48	0	40	0
4237	7/12	59° 10.00'	-150° 50.05'	56	6.9	1,269	86	1,226	149	0	29	34
4238	7/12	59° 10.00'	-151° 08.79'	29	7.0	1,061	58	500	57	0	0	30
4239	6/25	59° 19.79'	-150° 31.98'	155	7.0	443	24	176	23	0	174	0
4240	6/4	57° 19.94'	-150° 46.01'	87	7.0	457	28	445	57	55	90	5
4241	6/5	57° 30.00'	-150° 09.06'	247	7.0	232	16	209	29	74	0	10
4242	6/4	57° 30.00'	-150° 27.87'	88	7.0	369	23	521	70	0	123	0
4243	6/4	57° 29.98'	-150° 46.00'	54	7.0	616	42	485	72	0	95	0
4244	6/5	57° 40.00'	-149° 50.06'	237	7.0	720	50	281	35	115	0	25
4245	6/5	57° 40.00'	-150° 08.96'	117	7.0	337	18	229	29	147	20	0
4246	6/8	57° 40.01'	-150° 27.99'	51	7.0	361	25	407	62	0	158	0
4247	6/8	57° 39.99'	-150° 46.98'	45	7.0	1,201	70	1,099	145	0	0	0
4248	6/15	57° 40.00'	-151° 05.00'	39	7.0	604	31	793	103	0	79	0
4249	6/15	57° 40.00'	-151° 24.00'	35	7.0	565	29	556	68	0	10	0
4250	6/6	57° 50.00'	-149° 33.07'	179	7.0	3,745	223	504	56	30	10	20
4251	6/6	57° 50.00'	-149° 50.01'	141	7.0	576	36	542	80	30	20	5
4252	6/7	57° 49.98'	-150° 09.04'	108	7.0	410	25	232	29	94	104	0
4253	6/8	57° 49.91'	-150° 28.00'	50	7.0	2,823	164	951	122	0	0	5
4254	6/12	57° 50.07'	-150° 47.00'	44	7.0	641	37	1,303	180	0	10	0
4255	6/12	57° 49.99'	-151° 06.00'	37	7.0	355	25	1,272	174	0	40	0
4256	6/15	57° 50.00'	-151° 23.89'	31	7.0	650	39	871	108	0	100	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.

2014 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
4257	6/14	57° 50.00'	-151° 43.06'	28	7.0	206	16	525	71	0	168	0
4258	6/14	57° 50.00'	-152° 01.84'	48	7.0	543	35	591	81	0	79	0
4259	6/6	58° 00.00'	-149° 32.05'	81	7.0	716	49	613	88	0	64	0
4260	6/7	58° 00.00'	-149° 51.10'	128	7.0	1,501	88	279	34	110	45	0
4261	6/7	58° 00.00'	-150° 08.95'	125	7.0	812	41	159	21	49	54	0
4262	6/29	58° 00.03'	-150° 28.04'	89	7.0	324	25	614	72	5	79	0
4263	6/12	58° 00.00'	-150° 46.97'	71	7.0	681	42	778	102	0	59	0
4264	6/11	58° 00.00'	-151° 06.00'	43	7.0	729	40	1,536	211	0	0	0
4265	7/19	58° 00.02'	-151° 25.02'	43	7.0	660	42	739	98	0	35	0
4266	6/14	58° 00.00'	-151° 43.97'	61	7.0	508	30	614	86	0	95	0
4267	6/13	58° 00.00'	-152° 03.11'	97	7.0	978	49	320	40	0	138	0
4268	6/13	58° 00.00'	-152° 21.84'	99	7.0	454	26	82	11	0	173	0
4269	6/29	58° 10.02'	-150° 10.08'	81	7.0	3,759	238	822	93	0	10	0
4270	6/29	58° 10.02'	-150° 28.84'	63	7.0	1,925	127	1,394	166	0	15	0
4271	7/30	58° 10.09'	-150° 48.01'	59	6.9	608	40	894	110	0	78	0
4272	6/11	58° 10.00'	-151° 06.97'	77	7.0	812	53	544	72	10	98	0
4273	6/11	58° 10.00'	-151° 24.96'	88	7.0	1,373	85	269	34	0	85	0
4274	7/19	58° 09.99'	-151° 41.95'	34	7.0	1,142	68	1,049	123	0	0	0
4275	7/30	58° 19.94'	-150° 47.98'	35	7.0	26	2	379	49	0	15	0
4276	7/29	58° 20.00'	-151° 07.00'	70	6.8	437	29	699	88	0	112	0
4277	7/20	58° 20.00'	-151° 25.95'	38	7.0	822	61	1,862	228	0	0	5
4278	7/19	58° 20.08'	-151° 44.98'	32	7.0	1,552	99	1,037	125	0	0	0
4279	7/29	58° 30.02'	-151° 06.98'	56	7.0	93	7	554	74	0	74	0
4280	7/20	58° 29.84'	-151° 27.00'	92	7.0	915	60	592	69	25	35	0
4281	7/20	58° 29.99'	-151° 46.03'	95	6.9	955	60	431	50	39	64	0
4282	7/28	58° 40.05'	-151° 27.00'	103	7.0	789	46	316	38	54	59	0
4283	7/21	58° 39.97'	-151° 46.96'	71	7.0	523	35	1,179	147	5	40	0
4284	7/21	58° 40.00'	-152° 05.97'	70	7.0	1,285	84	815	100	0	74	0
4285	7/22	58° 49.99'	-152° 08.10'	59	7.0	140	10	806	112	0	20	0
4286	8/5	56° 20.00'	-152° 50.16'	60	7.0	1,516	85	940	129	0	81	10
4287	8/5	56° 20.00'	-153° 08.39'	50	7.0	344	18	503	69	0	35	0
4288	8/4	56° 19.95'	-153° 26.00'	33	7.0	1,035	58	1,311	174	0	5	0
4289	8/8	56° 30.00'	-152° 14.65'	107	7.0	1,070	72	714	83	5	30	65
4290	8/8	56° 30.00'	-152° 33.10'	147	7.0	866	57	430	50	60	0	131
4291	8/6	56° 30.00'	-152° 51.58'	29	7.0	4,103	172	1,250	148	0	30	0
4292	8/5	56° 30.00'	-153° 09.13'	40	7.0	168	10	470	62	0	120	0
4293	8/4	56° 30.00'	-153° 27.18'	49	7.0	420	30	1,035	151	0	45	0
4294	8/4	56° 29.84'	-153° 45.00'	39	7.0	2,602	114	482	60	0	125	0
4295	8/7	56° 39.98'	-151° 57.11'	32	7.0	2,920	178	1,144	147	0	5	0
4296	8/7	56° 40.00'	-152° 12.81'	26	7.0	1,333	79	1,154	146	0	0	0
4297	8/8	56° 40.05'	-152° 37.86'	57	7.0	688	39	1,306	192	0	0	0
4298	8/6	56° 40.00'	-152° 52.13'	38	7.0	348	24	1,098	167	0	0	0
4299	8/6	56° 40.00'	-153° 10.23'	81	7.0	1,285	68	279	36	0	55	0
4300	8/3	56° 40.00'	-153° 28.27'	79	7.0	941	55	691	90	0	55	0
4301	8/3	56° 40.00'	-153° 45.71'	46	7.0	567	29	635	87	0	125	0
4302	8/13	56° 50.02'	-151° 40.01'	165	7.0	706	43	423	55	30	10	75
4303	8/7	56° 50.05'	-151° 58.04'	42	7.0	1,427	69	1,153	158	0	40	0
4304	8/14	56° 50.00'	-152° 15.91'	54	7.0	1,107	62	1,010	140	0	70	0
4305	8/14	56° 50.00'	-152° 34.89'	76	7.0	418	25	903	118	0	20	0
4306	8/15	56° 50.00'	-152° 53.03'	35	7.0	160	10	697	103	0	45	0
4307	8/15	56° 49.95'	-153° 11.00'	46	7.0	1,055	63	919	121	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.

2014 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
4308	8/3	56° 50.00'	-153° 29.35'	51	7.0	106	6	620	95	0	55	0
4309	8/13	56° 59.99'	-151° 39.81'	42	7.0	3,199	179	993	124	0	55	15
4310	8/13	57° 00.00'	-151° 59.03'	44	7.0	361	24	766	112	0	130	0
4311	8/12	57° 00.00'	-152° 16.98'	40	7.0	508	33	1,192	184	0	0	0
4312	8/14	56° 59.91'	-152° 35.01'	84	7.0	1,292	81	1,309	162	10	10	0
4313	8/15	56° 59.97'	-152° 54.00'	60	7.0	363	19	522	78	0	60	0
4314	8/19	57° 10.02'	-151° 04.35'	204	7.0	583	38	163	19	75	0	10
4315	8/19	57° 09.99'	-151° 22.09'	70	7.0	1,437	92	818	102	0	115	0
4316	8/19	57° 10.01'	-151° 41.08'	41	7.0	438	27	1,082	142	0	0	0
4317	8/18	57° 10.01'	-151° 58.97'	39	7.0	405	20	899	120	0	10	0
4318	8/12	57° 10.00'	-152° 17.92'	43	7.0	252	14	461	64	0	135	0
4319	8/12	57° 10.05'	-152° 36.00'	53	7.0	352	19	376	57	0	140	0
4320	8/20	57° 19.97'	-151° 04.29'	49	7.0	1,126	59	410	55	0	170	0
4321	8/21	57° 19.99'	-151° 22.88'	73	7.0	394	29	745	102	5	200	0
4322	8/21	57° 20.00'	-151° 41.14'	33	7.0	61	4	434	63	0	307	0
4323	8/18	57° 20.00'	-152° 00.15'	41	7.0	118	8	267	40	0	35	0
4324	8/18	57° 19.99'	-152° 18.18'	22	7.0	1,866	81	129	16	0	5	0
4325	8/20	57° 29.98'	-151° 05.12'	43	7.0	612	34	1,315	174	0	5	0
4326	8/20	57° 30.01'	-151° 23.09'	50	7.0	278	19	1,147	152	0	50	0
4327	8/21	57° 30.00'	-151° 42.01'	60	7.0	199	13	937	140	5	20	0
4328	8/17	57° 30.00'	-152° 00.80'	26	7.0	1,804	85	330	39	0	0	0
4329	8/17	57° 40.00'	-151° 43.05'	36	7.0	73	5	338	47	0	0	0
4330	8/17	57° 40.04'	-152° 01.01'	93	7.0	1,222	78	694	83	10	80	0
4331	5/31	57° 30.02'	-154° 54.87'	128	6.9	1,274	79	605	75	5	113	0
4332	5/30	57° 39.94'	-154° 34.99'	121	7.0	878	48	573	74	0	104	0
4333	5/31	57° 40.00'	-154° 54.05'	128	7.0	685	47	735	94	0	146	0
4334	5/31	57° 40.11'	-155° 12.98'	163	2.4	240	16	179	23	0	20	0
4335	5/29	57° 49.96'	-154° 14.98'	111	7.0	1,306	76	777	102	5	79	0
4336	5/30	57° 50.00'	-154° 34.13'	127	7.0	537	35	380	47	0	115	0
4337	5/30	57° 50.01'	-154° 52.78'	157	6.0	590	36	429	55	0	21	0
4338	5/27	58° 00.01'	-153° 36.94'	86	7.0	671	45	746	105	0	150	0
4339	5/29	58° 00.02'	-153° 56.03'	110	7.0	1,079	62	597	78	0	50	0
4340	5/29	58° 00.00'	-154° 13.78'	127	7.0	454	29	448	59	0	54	0
4341	5/27	58° 10.00'	-153° 18.97'	63	7.0	282	18	777	122	0	89	0
4342	5/27	58° 09.96'	-153° 37.98'	105	7.0	1,159	69	607	74	0	104	0
4343	5/28	58° 10.02'	-153° 57.09'	116	7.0	696	38	530	66	0	74	0
4344	7/2	58° 20.05'	-153° 20.00'	96	6.9	641	34	247	32	0	54	0
4345	5/28	58° 20.02'	-153° 38.98'	95	7.0	800	36	458	57	0	153	0
4346	5/28	58° 20.02'	-153° 57.83'	48	7.0	331	19	302	43	0	173	0
4347	7/3	58° 30.12'	-153° 02.01'	91	6.9	608	40	429	54	0	54	0
4348	7/2	58° 29.98'	-153° 21.01'	98	6.8	533	26	418	55	0	29	0
4349	7/2	58° 30.00'	-153° 40.89'	53	7.0	869	37	280	41	0	183	0
4350	7/4	58° 40.03'	-152° 43.97'	108	6.9	493	33	530	69	0	74	0
4351	7/3	58° 40.00'	-153° 03.13'	87	7.0	1,894	86	391	48	0	104	0
4352	7/3	58° 40.00'	-153° 22.96'	29	7.0	317	15	170	25	0	163	0
4353	7/22	58° 50.00'	-152° 25.68'	92	7.0	876	56	563	73	0	40	0
4354	7/4	58° 49.88'	-152° 45.01'	103	7.0	634	42	255	32	0	64	0
4355	7/4	58° 49.99'	-153° 03.92'	89	7.0	801	38	574	78	0	104	0
4356	7/27	58° 59.99'	-151° 47.97'	74	6.9	900	49	996	126	0	123	0
4357	7/26	58° 59.99'	-152° 06.98'	76	6.9	725	39	923	113	0	83	0
4358	7/22	58° 59.94'	-152° 27.03'	79	6.9	309	22	546	71	0	44	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.

2014 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
4359	7/5	59° 00.00'	-152° 46.14'	90	7.0	804	44	326	42	0	119	0
4360	7/5	59° 00.03'	-153° 05.01'	83	7.0	1,029	53	267	34	0	119	0
4361	7/26	59° 09.98'	-152° 07.96'	72	7.0	506	21	456	59	0	125	0
4362	7/26	59° 10.00'	-152° 26.99'	55	7.0	177	12	465	74	0	130	0
4363	7/5	59° 09.91'	-152° 46.99'	74	6.9	465	31	297	39	0	108	0
4364	7/6	59° 10.04'	-153° 06.00'	45	6.9	381	19	347	47	0	108	0
4365	7/6	59° 10.02'	-153° 26.00'	22	6.9	566	32	248	32	0	98	0
4366	7/11	59° 20.02'	-152° 06.80'	35	7.0	246	20	1,364	177	0	0	0
4367	7/23	59° 19.98'	-152° 28.01'	37	6.9	364	22	602	80	0	0	0
4368	7/23	59° 19.96'	-152° 48.00'	41	6.9	160	10	474	64	0	118	0
4369	7/6	59° 20.00'	-153° 08.00'	27	7.0	154	9	85	11	0	54	0
4370	7/11	59° 30.00'	-151° 50.20'	37	7.0	596	31	593	79	0	69	0
4371	7/11	59° 29.98'	-152° 09.01'	22	7.0	341	22	916	114	0	0	0
4372	7/7	59° 29.94'	-152° 28.99'	30	7.0	418	22	1,284	181	0	168	0
4373	7/23	59° 29.97'	-152° 48.99'	26	6.9	416	13	51	6	0	15	0
4374	7/7	59° 39.98'	-152° 30.02'	42	7.0	1,312	65	158	20	0	30	0
4375	7/7	59° 50.01'	-152° 11.03'	27	6.9	512	36	1,389	179	0	0	0
374 Total Effective 3A Stations					Totals	299,792	15,327	168,765	22,296	5,508	14,982	2,517

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.