

2015 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	6/26	57° 50.25'	-137° 12.85'	185	7.0	291	16	109	12	80	0	35
4002	6/26	58° 01.14'	-136° 52.09'	217	7.0	104	5	64	8	69	0	18
4003	6/26	57° 59.55'	-137° 12.04'	115	7.0	1,144	68	319	39	7	2	4
4004	6/21	58° 00.00'	-137° 31.05'	90	7.0	4,943	261	669	74	0	1	17
4005	6/21	58° 00.00'	-137° 49.94'	101	7.0	798	44	606	73	1	1	15
4006	6/3	58° 10.03'	-136° 55.50'	107	7.0	1,224	54	157	20	26	16	6
4007	6/3	58° 10.03'	-137° 10.46'	66	7.0	3,042	151	676	84	0	9	2
4008	6/21	58° 10.00'	-137° 30.28'	77	7.0	132	10	123	15	2	0	0
4009	6/8	58° 10.02'	-137° 49.28'	85	7.0	734	38	296	35	1	0	0
4010	6/8	58° 10.02'	-138° 08.01'	81	7.0	81	6	516	70	2	12	0
4011	6/2	58° 10.00'	-138° 27.05'	88	7.0	1,041	54	1,131	152	0	3	13
4012	6/2	58° 10.02'	-138° 46.24'	103	7.0	331	12	209	25	0	1	39
4013	6/3	58° 20.00'	-137° 10.03'	92	7.0	56	3	77	10	4	0	4
4014	6/1	58° 20.00'	-137° 28.98'	101	7.0	99	5	77	9	4	1	0
4015	6/1	58° 20.02'	-137° 48.75'	94	7.0	866	40	188	22	4	0	5
4016	6/8	58° 20.00'	-138° 07.02'	70	7.0	118	8	914	137	0	0	0
4017	6/2	58° 20.00'	-138° 26.12'	72	7.0	221	13	361	55	0	20	0
4018	6/20	58° 20.00'	-138° 46.21'	64	7.0	962	29	586	81	0	0	35
4019	6/20	58° 20.01'	-139° 04.94'	60	7.0	1,132	41	872	115	0	0	47
4020	6/18	58° 20.00'	-139° 24.12'	149	7.0	2,803	122	273	30	41	0	5
4021	6/1	58° 28.38'	-137° 29.91'	79	7.0	39	2	31	4	2	0	0
4022	6/1	58° 29.98'	-137° 47.03'	85	7.0	0	0	34	4	0	0	0
4023	6/9	58° 30.00'	-138° 06.79'	75	7.0	825	35	193	24	1	2	1
4024	6/9	58° 30.00'	-138° 26.52'	64	7.0	606	46	1,275	157	0	0	17
4025	6/20	58° 30.02'	-138° 45.01'	53	7.0	905	39	600	86	0	0	16
4026	6/11	58° 30.00'	-139° 04.20'	56	7.0	33	2	103	18	0	0	4
4027	6/18	58° 30.00'	-139° 23.35'	93	7.0	1,221	55	1,161	149	0	2	24
4028	6/18	58° 30.00'	-139° 42.10'	135	7.0	2,033	91	291	38	21	1	8
4029	6/9	58° 40.02'	-138° 06.12'	51	7.0	1,271	40	376	48	0	0	12
4030	6/10	58° 40.09'	-138° 25.02'	73	7.0	324	23	453	68	1	0	0
4031	6/11	58° 40.00'	-138° 43.94'	56	7.0	465	12	310	48	0	0	15
4032	6/11	58° 40.01'	-139° 03.80'	80	7.0	176	11	504	72	3	6	2
4033	6/19	58° 40.01'	-139° 23.65'	138	7.0	868	45	75	9	29	0	2
4034	6/12	58° 40.01'	-139° 42.04'	103	7.0	519	27	193	26	19	0	48
4035	6/12	58° 39.99'	-140° 00.81'	105	7.0	1,785	77	1,026	145	16	13	0
4036	6/10	58° 49.96'	-138° 05.05'	29	7.0	49	1	0	0	0	0	2
4037	6/10	58° 50.14'	-138° 24.06'	40	7.0	557	16	27	4	0	0	15
4038	6/17	58° 50.00'	-138° 43.91'	66	7.0	13	1	71	11	0	0	0
4039	6/19	58° 50.01'	-139° 03.00'	105	7.0	398	17	100	13	3	0	0
4040	6/19	58° 50.01'	-139° 21.93'	74	7.0	637	25	294	36	0	0	7
4041	6/13	58° 50.00'	-139° 42.06'	87	7.0	84	5	84	10	0	0	1
4042	6/12	58° 50.01'	-140° 01.17'	95	7.0	1,695	51	435	59	7	1	4
4043	6/17	59° 00.01'	-138° 24.02'	34	7.0	0	0	9	1	0	0	0
4044	6/17	59° 00.01'	-138° 43.11'	86	7.0	144	7	72	10	2	0	0
4045	6/16	59° 00.01'	-139° 02.29'	56	7.0	281	15	615	92	0	1	0
4046	6/13	59° 00.01'	-139° 21.99'	60	7.0	205	13	362	50	3	1	0
4047	6/13	59° 00.00'	-139° 41.02'	67	7.0	894	33	451	60	0	2	1
4048	6/16	59° 09.98'	-139° 02.10'	29	7.0	116	9	483	76	0	11	0
4049	6/16	59° 10.00'	-139° 21.23'	54	7.0	78	5	86	13	0	0	0
4051	7/19	58° 50.00'	-140° 20.02'	100	7.0	2,293	63	386	49	20	5	0
4052	7/19	58° 49.98'	-140° 40.25'	105	6.5	3,463	108	473	61	5	0	0

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4053	7/18	59° 00.04'	-140° 01.18'	72	7.0	1,926	67	651	93	0	0	5
4054	7/19	59° 00.25'	-140° 19.98'	84	7.0	2,129	61	886	119	0	0	25
4055	7/20	59° 00.02'	-140° 38.78'	98	7.0	2,075	68	786	99	15	0	0
4056	7/20	59° 00.18'	-140° 59.20'	105	7.0	3,387	127	953	125	15	10	5
4057	7/17	59° 10.02'	-139° 40.87'	71	7.0	101	6	105	13	0	0	0
4058	7/18	59° 09.98'	-139° 59.85'	63	7.0	1,077	37	387	58	0	10	0
4059	7/18	59° 10.00'	-140° 20.32'	70	7.0	2,337	74	511	82	0	0	0
4060	7/20	59° 10.02'	-140° 39.95'	82	7.0	1,571	56	1,264	167	0	0	0
4061	7/21	59° 09.98'	-140° 58.88'	99	7.0	3,077	112	997	127	0	0	0
4062	7/21	59° 10.00'	-141° 17.59'	185	7.0	411	19	51	6	64	0	10
4063	7/22	59° 09.92'	-141° 38.02'	119	7.0	3,315	137	146	17	185	5	10
4064	7/17	59° 19.99'	-139° 39.98'	84	7.0	15	1	0	0	0	0	0
4065	7/17	59° 19.81'	-139° 59.91'	87	7.0	0	0	0	0	0	0	0
4066	7/26	59° 19.87'	-140° 19.99'	69	7.0	1,171	31	323	46	0	5	0
4067	7/26	59° 19.98'	-140° 39.12'	76	7.0	414	15	519	71	0	5	0
4068	7/21	59° 19.99'	-140° 58.86'	87	7.0	1,947	66	857	118	0	0	0
4069	7/22	59° 20.26'	-141° 17.95'	181	7.0	940	40	36	5	64	0	10
4070	7/22	59° 19.98'	-141° 38.06'	103	7.0	4,480	173	708	86	5	5	0
4072	7/25	59° 29.95'	-139° 59.92'	58	7.0	62	3	22	3	0	0	0
4073	7/25	59° 30.12'	-140° 19.00'	123	7.0	1,303	45	114	13	20	5	94
4074	7/26	59° 30.16'	-140° 39.02'	152	7.0	729	27	63	7	25	0	70
4075	7/27	59° 29.98'	-140° 59.12'	159	7.0	654	27	76	9	70	5	5
4076	7/27	59° 29.96'	-141° 19.02'	90	7.0	239	9	15	2	5	0	0
4077	7/28	59° 30.02'	-141° 38.11'	87	7.0	42	2	0	0	0	0	0
4078	7/29	59° 30.21'	-141° 57.97'	96	7.0	303	17	27	4	5	0	5
4079	7/25	59° 40.01'	-139° 58.27'	79	7.0	608	23	115	13	0	15	0
4080	7/27	59° 40.02'	-140° 58.98'	28	7.0	314	12	98	13	0	10	0
4081	7/28	59° 40.16'	-141° 18.96'	34	7.0	294	14	288	39	0	0	0
4082	7/28	59° 39.95'	-141° 38.22'	50	7.0	384	12	47	6	0	0	0
4083	7/29	59° 40.08'	-141° 58.00'	79	7.0	202	9	55	7	10	0	0
4084	7/30	59° 39.99'	-142° 18.36'	118	7.0	662	29	132	16	5	0	0
4085	8/4	59° 39.98'	-142° 38.09'	211	7.0	192	13	75	8	50	0	50
4086	8/4	59° 39.99'	-142° 57.76'	111	7.0	2,574	113	320	39	20	5	0
4087	8/5	59° 39.99'	-143° 17.16'	147	7.0	3,050	102	27	4	70	0	20
4088	8/6	59° 40.00'	-143° 37.05'	83	7.0	4,821	150	459	56	0	25	15
4089	8/6	59° 39.99'	-143° 57.21'	71	7.0	1,805	87	757	99	0	5	15
4090	8/7	59° 39.86'	-144° 17.09'	91	7.0	1,141	33	75	8	5	0	15
4091	8/7	59° 40.00'	-144° 37.22'	81	7.0	121	7	42	5	0	0	0
4092	7/30	59° 50.05'	-141° 59.06'	36	7.0	474	26	395	55	0	0	0
4093	7/30	59° 50.08'	-142° 17.98'	47	7.0	4,653	135	560	76	0	5	0
4094	8/3	59° 49.97'	-142° 38.23'	90	7.0	2,964	83	226	27	0	10	10
4095	8/4	59° 49.97'	-142° 58.29'	94	7.0	463	20	36	5	0	0	0
4096	8/5	59° 49.95'	-143° 18.00'	121	7.0	1,221	50	98	12	15	0	0
4097	8/5	59° 49.95'	-143° 38.09'	153	7.0	1,097	36	4	1	64	10	89
4098	8/6	59° 49.96'	-143° 58.02'	53	7.0	338	10	90	13	0	0	0
4099	8/7	59° 50.03'	-144° 18.20'	35	7.0	327	12	232	38	0	55	0
4100	8/3	59° 59.98'	-142° 39.06'	43	7.0	913	28	171	25	0	0	0
4101	8/3	60° 00.02'	-142° 59.28'	61	7.0	1,126	59	387	46	0	0	0
4102	6/24	59° 20.11'	-146° 15.63'	144	7.0	609	33	208	28	40	15	15
4103	6/24	59° 20.27'	-146° 35.49'	78	7.0	637	30	415	55	0	35	5
4104	6/17	59° 19.87'	-146° 55.22'	103	7.0	832	43	366	46	35	5	5

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4105	6/17	59° 20.04'	-147° 14.89'	102	7.0	560	31	289	38	0	87	0
4106	6/25	59° 29.94'	-145° 17.02'	74	7.0	903	37	282	38	0	0	109
4107	6/26	59° 30.15'	-145° 55.23'	92	7.0	483	27	250	33	10	10	5
4108	6/24	59° 29.87'	-146° 35.17'	50	7.0	45	3	38	6	0	5	10
4109	6/23	59° 29.83'	-146° 54.02'	101	7.0	605	32	100	13	15	54	0
4110	6/17	59° 30.19'	-147° 14.00'	118	7.0	17	1	7	1	0	0	0
4111	6/16	59° 30.07'	-147° 34.74'	61	7.0	126	5	31	6	0	0	0
4112	6/25	59° 39.90'	-145° 34.01'	59	7.0	119	4	34	5	0	5	0
4113	6/26	59° 39.88'	-145° 54.05'	44	7.0	359	27	598	87	0	0	0
4114	6/26	59° 40.06'	-146° 13.94'	46	7.0	81	5	162	26	0	0	0
4115	6/23	59° 40.06'	-146° 34.01'	48	7.0	811	35	411	51	0	0	0
4116	6/23	59° 39.88'	-146° 52.77'	60	7.0	0	0	14	2	0	0	0
4117	6/16	59° 39.94'	-147° 13.69'	92	7.0	250	15	170	22	10	0	0
4118	6/16	59° 39.83'	-147° 32.86'	92	7.0	150	7	84	11	0	0	0
4119	7/9	59° 50.05'	-144° 57.98'	109	7.0	2,104	84	511	59	10	45	0
4120	6/30	59° 49.92'	-145° 53.02'	56	7.0	34	3	51	6	0	0	0
4121	6/30	59° 50.30'	-146° 13.40'	33	7.0	141	10	439	58	0	0	15
4122	6/22	59° 49.97'	-146° 33.03'	37	7.0	1,837	68	679	95	0	0	5
4123	6/22	59° 49.99'	-146° 52.81'	42	7.0	154	8	764	111	0	0	0
4124	6/21	59° 50.01'	-147° 13.37'	77	7.0	306	20	217	25	0	15	0
4125	7/9	59° 59.80'	-144° 39.66'	126	7.0	1,104	50	207	25	30	60	0
4126	7/8	59° 59.77'	-144° 58.94'	73	7.0	857	56	325	40	0	0	5
4127	7/8	60° 00.03'	-145° 15.94'	69	7.0	858	42	188	23	0	0	0
4128	6/30	59° 59.77'	-146° 11.80'	34	7.0	817	36	624	81	0	0	0
4129	6/22	59° 59.81'	-146° 32.28'	36	7.0	0	0	137	22	0	0	0
4130	6/21	59° 59.91'	-146° 52.05'	78	7.0	96	5	24	3	5	5	0
4131	6/21	60° 00.05'	-147° 11.54'	104	7.0	135	5	24	3	0	0	0
4132	7/7	60° 09.86'	-145° 31.21'	50	7.0	1,081	51	394	46	5	0	0
4133	7/7	60° 10.03'	-145° 50.69'	60	7.0	1,315	60	285	35	0	50	0
4134	7/7	60° 09.95'	-146° 10.77'	45	7.0	1,207	47	372	55	5	5	0
4135	6/27	60° 10.09'	-147° 31.03'	36	7.0	738	37	340	44	0	59	10
4136	7/2	60° 10.00'	-147° 50.75'	192	7.0	1,243	65	435	58	0	59	15
4137	6/27	60° 19.88'	-147° 31.61'	71	7.0	608	30	238	31	0	90	15
4138	7/1	60° 30.02'	-146° 28.79'	38	7.0	1,303	47	414	60	0	10	0
4139	7/1	60° 30.07'	-146° 49.05'	221	7.0	658	38	186	22	0	5	0
4140	7/1	60° 29.99'	-147° 09.82'	108	7.0	169	12	112	15	0	10	0
4141	6/27	60° 29.91'	-147° 30.48'	110	7.0	40	3	160	22	0	168	15
4142	7/2	60° 28.71'	-147° 50.12'	246	7.0	862	40	398	53	15	5	10
4143	7/4	60° 39.94'	-146° 49.30'	231	7.0	1,403	91	560	66	5	0	5
4144	7/4	60° 40.10'	-147° 08.88'	136	7.0	439	23	80	11	0	35	0
4145	7/4	60° 49.86'	-147° 07.78'	155	7.0	728	28	161	20	0	40	10
4146	7/3	60° 50.08'	-148° 10.01'	169	7.0	753	29	0	0	0	15	20
4147	5/28	58° 39.95'	-148° 33.81'	129	7.0	444	28	157	18	140	55	10
4148	5/27	58° 40.18'	-148° 53.42'	93	7.0	470	34	368	45	35	40	15
4149	5/28	58° 49.95'	-148° 15.49'	152	7.0	705	45	557	65	145	15	20
4150	5/28	58° 47.94'	-148° 33.62'	153	7.0	1,265	69	228	26	105	5	35
4151	5/27	58° 49.89'	-148° 53.46'	138	7.0	2,396	143	419	46	45	45	54
4152	5/27	58° 50.00'	-149° 12.68'	114	7.0	1,572	91	235	28	90	20	5
4153	6/14	59° 00.48'	-147° 56.28'	176	7.0	551	35	305	35	50	15	25
4154	5/29	58° 59.89'	-148° 14.48'	124	7.0	1,549	74	162	21	69	119	20
4155	5/29	59° 00.26'	-148° 33.88'	133	7.0	171	11	148	20	35	5	0

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4156	5/30	58° 59.76'	-148° 53.77'	116	7.0	344	19	160	19	80	30	0
4157	5/26	58° 59.91'	-149° 12.29'	119	7.0	183	14	122	14	59	0	0
4158	5/26	59° 00.12'	-149° 32.01'	128	7.0	246	15	77	9	71	0	5
4159	6/15	59° 10.04'	-147° 34.73'	136	7.0	1,497	81	328	38	25	45	40
4160	6/14	59° 09.67'	-147° 54.46'	110	7.0	1,283	64	424	52	65	30	0
4161	6/14	59° 09.90'	-148° 13.49'	66	7.0	1,897	105	750	93	0	5	110
4162	5/29	59° 09.96'	-148° 32.61'	84	7.0	88	6	45	6	0	0	0
4163	5/30	59° 09.95'	-148° 53.32'	97	7.0	278	16	98	12	0	15	0
4164	5/30	59° 10.14'	-149° 11.95'	87	7.0	616	28	158	18	0	0	0
4166	5/25	59° 09.95'	-149° 51.30'	74	7.0	71	4	61	8	0	0	5
4167	6/15	59° 20.16'	-147° 34.05'	66	7.0	1,433	67	322	43	0	10	20
4168	6/15	59° 19.95'	-147° 53.63'	99	7.0	614	30	153	18	45	5	0
4169	6/12	59° 20.20'	-148° 13.59'	87	7.0	317	21	92	11	0	0	0
4170	6/13	59° 20.21'	-148° 33.09'	49	7.0	949	50	815	104	0	0	81
4171	6/13	59° 20.17'	-148° 52.80'	92	7.0	458	27	107	12	0	0	0
4172	6/3	59° 20.25'	-149° 12.46'	99	7.0	164	9	92	11	0	0	0
4173	6/3	59° 20.02'	-149° 32.02'	67	7.0	1,255	64	215	26	0	0	0
4174	5/25	59° 19.74'	-149° 51.35'	104	7.0	31	2	0	0	0	0	0
4175	5/25	59° 19.80'	-150° 11.34'	87	7.0	27	2	0	0	0	0	0
4176	6/12	59° 30.02'	-147° 53.20'	61	7.0	58	4	20	3	0	0	0
4177	6/12	59° 30.04'	-148° 12.70'	114	7.0	64	4	30	4	0	0	0
4178	6/13	59° 29.96'	-148° 33.02'	52	7.0	148	10	449	69	0	20	0
4179	6/7	59° 30.41'	-148° 51.64'	90	7.0	97	5	17	3	5	0	0
4180	6/3	59° 29.72'	-149° 11.75'	124	7.0	186	12	41	5	0	0	0
4181	6/2	59° 29.76'	-149° 32.05'	55	7.0	143	6	86	11	0	5	0
4182	6/2	59° 29.82'	-149° 51.70'	111	7.0	147	7	16	2	0	0	0
4183	6/2	59° 29.79'	-150° 11.02'	71	7.0	226	11	108	13	0	10	0
4184	6/11	59° 39.70'	-147° 53.25'	39	7.0	325	21	305	38	0	0	25
4185	6/11	59° 39.78'	-148° 12.79'	71	7.0	0	0	0	0	0	0	0
4186	6/6	59° 40.25'	-148° 31.98'	113	7.0	0	0	0	0	10	5	0
4187	6/7	59° 39.60'	-148° 51.53'	99	7.0	0	0	17	2	0	5	0
4188	6/7	59° 39.80'	-149° 11.83'	115	7.0	615	23	0	0	5	0	0
4189	6/5	59° 39.91'	-149° 31.82'	156	7.0	163	10	87	10	50	0	0
4190	6/11	59° 50.19'	-148° 12.00'	45	7.0	58	3	267	42	0	10	0
4191	6/6	59° 49.95'	-148° 32.81'	74	7.0	28	2	18	2	0	5	0
4192	6/6	59° 49.87'	-148° 52.78'	92	7.0	12	1	17	2	0	5	0
4193	6/5	59° 49.80'	-149° 12.32'	70	7.0	232	13	90	12	0	0	0
4194	6/5	59° 50.05'	-149° 32.14'	79	7.0	341	13	248	33	5	5	0
4195	6/15	57° 59.89'	-149° 08.46'	77	7.0	239	19	1,444	200	0	0	5
4196	6/15	58° 09.96'	-148° 53.90'	71	7.0	930	64	966	136	0	25	0
4197	6/15	58° 10.13'	-149° 12.61'	62	7.1	550	41	1,432	177	0	0	35
4198	6/14	58° 10.09'	-149° 32.04'	57	7.0	150	12	969	135	0	0	5
4199	6/14	58° 09.98'	-149° 50.69'	75	7.1	1,877	117	785	95	0	0	0
4200	5/29	58° 20.21'	-148° 35.25'	95	7.0	1,775	108	702	92	5	15	0
4201	5/29	58° 20.04'	-148° 53.84'	68	7.0	514	36	905	127	0	0	5
4202	5/28	58° 20.04'	-149° 12.93'	83	7.0	210	14	755	108	0	25	0
4203	5/28	58° 20.04'	-149° 31.54'	83	6.9	610	43	673	92	0	0	0
4204	6/14	58° 19.93'	-149° 50.95'	41	7.0	432	32	2,235	283	0	0	0
4205	6/13	58° 19.97'	-150° 10.15'	27	7.1	405	32	2,358	304	0	0	0
4206	6/12	58° 20.08'	-150° 29.69'	30	7.0	138	12	1,548	225	0	5	0
4207	5/29	58° 29.96'	-148° 34.47'	71	7.0	1,521	97	1,151	159	0	0	0

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4208	5/30	58° 30.05'	-148° 53.26'	60	7.0	518	32	876	127	0	5	20
4209	5/30	58° 29.96'	-149° 13.30'	65	7.0	147	10	304	39	0	0	0
4210	5/28	58° 29.94'	-149° 32.03'	76	7.0	324	21	356	46	5	210	0
4211	6/13	58° 30.16'	-149° 51.18'	75	7.0	132	8	879	117	0	0	0
4212	6/13	58° 30.01'	-150° 09.69'	49	7.0	388	28	1,449	199	0	0	20
4213	6/12	58° 30.09'	-150° 28.73'	47	7.0	132	11	1,355	195	0	0	0
4214	6/12	58° 30.05'	-150° 47.61'	55	7.0	285	19	1,848	241	0	0	5
4215	5/30	58° 40.03'	-149° 12.79'	73	7.0	747	51	1,084	143	0	5	0
4216	5/27	58° 40.03'	-149° 32.34'	73	7.0	324	22	497	70	5	35	5
4217	6/11	58° 40.02'	-149° 51.81'	82	7.0	175	12	826	111	10	0	5
4218	6/11	58° 40.01'	-150° 10.22'	67	7.0	317	23	1,473	194	0	50	0
4219	6/11	58° 39.98'	-150° 29.27'	110	7.0	81	7	188	23	0	0	0
4220	6/3	58° 39.94'	-150° 48.23'	110	7.0	517	35	518	66	43	34	0
4221	6/6	58° 40.17'	-151° 08.38'	103	7.0	1,093	61	434	57	20	20	0
4222	5/27	58° 49.98'	-149° 31.94'	122	7.0	979	53	217	28	55	20	10
4223	5/27	58° 50.11'	-149° 50.22'	131	7.0	2,202	141	474	53	45	50	0
4224	5/26	58° 49.91'	-150° 10.37'	86	7.0	1,016	68	759	84	5	25	0
4225	6/3	58° 49.98'	-150° 30.66'	93	7.0	446	29	530	68	15	54	5
4226	6/3	58° 50.01'	-150° 48.94'	96	7.0	294	21	620	76	30	0	0
4227	6/6	58° 50.20'	-151° 07.62'	81	7.0	1,304	83	819	103	0	0	0
4228	6/6	58° 50.00'	-151° 28.34'	59	7.0	179	12	657	90	0	10	30
4229	5/26	59° 00.02'	-149° 51.68'	121	7.0	86	6	57	7	30	20	0
4230	5/26	58° 59.98'	-150° 11.21'	103	7.0	322	18	131	16	15	10	0
4231	6/2	58° 59.93'	-150° 29.82'	64	7.0	239	15	568	80	0	0	5
4232	6/2	59° 00.06'	-150° 49.45'	88	7.0	581	34	524	69	0	20	0
4233	6/5	58° 59.98'	-151° 09.35'	83	7.0	863	50	199	26	0	5	5
4234	6/5	59° 00.12'	-151° 27.30'	70	7.0	487	31	437	59	0	0	0
4235	5/25	59° 09.99'	-150° 11.05'	68	7.0	195	12	229	30	0	5	0
4236	5/25	59° 09.96'	-150° 29.91'	66	7.0	12	1	236	32	0	0	0
4237	6/2	59° 10.00'	-150° 49.02'	70	7.0	233	13	157	21	0	0	15
4238	6/5	59° 10.05'	-151° 09.36'	31	7.0	1,258	64	578	69	0	0	45
4239	5/25	59° 19.77'	-150° 32.26'	156	7.0	32	2	27	3	0	10	0
4240	6/6	57° 19.98'	-150° 45.97'	86	7.0	293	21	688	92	9	19	4
4241	6/6	57° 30.01'	-150° 09.50'	239	7.0	11	1	18	2	89	0	35
4242	6/6	57° 29.99'	-150° 27.98'	84	7.0	74	6	889	120	13	50	1
4243	6/6	57° 29.99'	-150° 45.66'	52	6.6	320	21	801	114	1	27	0
4244	6/2	57° 40.00'	-149° 50.15'	234	7.0	243	18	73	8	85	0	37
4245	6/2	57° 39.78'	-150° 09.00'	117	7.0	341	24	464	57	49	22	0
4246	6/5	57° 40.10'	-150° 27.97'	50	7.0	124	10	851	122	0	18	0
4247	6/5	57° 39.88'	-150° 47.02'	47	7.0	1,800	103	1,156	143	0	58	0
4248	6/7	57° 40.22'	-151° 04.98'	41	7.0	571	34	836	104	0	77	0
4249	6/7	57° 40.08'	-151° 24.05'	34	7.0	327	24	895	118	0	32	0
4250	6/3	57° 50.00'	-149° 32.14'	209	7.0	694	47	195	21	74	0	10
4251	6/3	57° 49.99'	-149° 49.86'	140	7.0	288	20	487	63	55	0	10
4252	6/2	57° 49.93'	-150° 09.00'	106	7.0	238	18	616	81	17	45	3
4253	6/5	57° 49.96'	-150° 28.00'	50	7.0	2,273	143	1,404	171	0	1	4
4254	6/5	57° 49.88'	-150° 46.99'	46	7.1	919	56	1,750	234	0	7	0
4255	6/7	57° 49.80'	-151° 06.04'	39	7.0	500	24	1,218	162	0	92	0
4256	6/7	57° 49.99'	-151° 24.00'	30	7.0	226	15	1,631	230	0	38	0
4257	6/16	57° 49.99'	-151° 43.20'	27	7.0	80	5	1,411	217	0	18	0
4258	6/16	57° 50.00'	-152° 01.92'	48	7.0	562	29	892	126	0	28	0

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4259	6/3	57° 59.98'	-149° 31.76'	81	7.0	906	62	1,125	142	0	13	0
4260	6/3	58° 00.00'	-149° 50.95'	124	7.0	432	28	490	58	43	18	0
4261	6/4	58° 00.00'	-150° 08.68'	121	7.0	895	50	573	73	14	37	2
4262	6/4	58° 00.00'	-150° 28.04'	87	7.0	159	13	963	126	6	21	0
4263	6/14	58° 00.00'	-150° 46.91'	70	7.0	1,032	68	1,390	167	0	22	1
4264	6/14	58° 00.00'	-151° 06.05'	44	7.0	528	30	1,359	189	0	4	0
4265	6/15	57° 59.98'	-151° 25.14'	42	7.0	225	17	1,092	153	0	27	0
4266	6/15	58° 00.00'	-151° 44.16'	64	7.0	360	26	1,306	169	1	32	0
4267	6/16	58° 00.00'	-152° 03.14'	96	7.0	983	55	739	90	1	84	0
4268	6/16	57° 59.99'	-152° 21.74'	111	7.0	327	20	303	40	3	137	0
4269	6/4	58° 10.00'	-150° 10.34'	80	7.0	1,808	104	925	107	0	11	1
4270	6/4	58° 10.00'	-150° 28.91'	63	7.0	825	61	1,379	174	0	18	1
4271	6/14	58° 10.00'	-150° 48.17'	59	7.0	125	10	1,128	143	0	16	0
4272	6/13	58° 09.98'	-151° 07.51'	77	7.0	859	62	1,184	151	0	36	0
4273	6/15	58° 10.00'	-151° 25.06'	89	7.0	1,076	68	940	118	0	60	0
4274	6/15	58° 09.12'	-151° 42.92'	35	7.0	1,026	63	1,480	182	0	7	2
4275	6/13	58° 20.00'	-150° 48.15'	35	7.0	46	4	1,326	200	0	24	0
4276	6/13	58° 20.00'	-151° 07.21'	68	7.0	209	16	1,246	162	0	21	0
4277	6/11	58° 20.00'	-151° 26.36'	37	7.0	492	34	1,877	242	0	5	0
4278	6/11	58° 20.00'	-151° 45.12'	29	7.0	1,298	81	1,152	141	0	2	11
4279	6/13	58° 29.98'	-151° 06.62'	52	7.0	60	5	1,338	192	0	52	0
4280	6/11	58° 30.00'	-151° 27.14'	92	7.0	153	11	955	122	5	57	0
4281	6/11	58° 30.00'	-151° 46.12'	95	7.2	1,931	126	645	79	12	19	0
4282	6/12	58° 40.00'	-151° 27.18'	100	7.0	426	27	328	41	20	34	0
4283	6/12	58° 40.00'	-151° 46.06'	69	7.0	1,685	82	895	119	0	2	0
4284	6/12	58° 40.00'	-152° 05.97'	69	7.0	506	33	599	78	1	7	0
4285	6/12	58° 49.33'	-152° 05.61'	54	7.0	724	34	927	122	0	8	50
4286	6/13	56° 19.81'	-152° 50.00'	66	6.9	560	44	1,223	170	0	10	0
4287	6/13	56° 20.06'	-153° 07.90'	48	6.9	248	18	529	75	0	10	0
4288	6/14	56° 20.00'	-153° 25.81'	32	6.9	582	30	581	73	0	0	0
4289	6/30	56° 30.14'	-152° 15.01'	116	6.9	482	34	762	101	0	0	10
4290	7/8	56° 30.12'	-152° 33.05'	146	6.9	2,166	150	1,263	156	5	14	14
4291	7/8	56° 29.99'	-152° 50.83'	29	7.0	1,808	88	1,390	167	0	0	5
4292	6/13	56° 29.91'	-153° 08.96'	39	6.9	187	15	732	108	0	15	0
4293	6/14	56° 29.92'	-153° 26.98'	47	7.0	248	19	858	130	0	5	0
4294	6/14	56° 30.01'	-153° 45.06'	36	7.0	593	31	256	34	0	105	0
4295	6/30	56° 39.98'	-151° 57.17'	32	7.0	1,218	73	1,317	182	0	5	0
4296	6/30	56° 39.99'	-152° 15.03'	23	6.9	708	36	569	72	0	0	0
4297	7/8	56° 39.97'	-152° 33.99'	77	6.9	519	35	289	39	0	5	0
4298	6/12	56° 40.00'	-152° 52.12'	38	7.0	387	23	889	142	0	0	0
4299	6/12	56° 40.09'	-153° 09.94'	82	6.9	442	26	192	24	0	15	0
4300	6/15	56° 39.98'	-153° 28.08'	77	7.0	410	25	270	35	0	10	0
4301	6/15	56° 40.03'	-153° 45.51'	45	6.8	446	23	479	64	0	49	0
4302	6/29	56° 50.01'	-151° 40.05'	164	7.0	361	26	488	65	69	0	35
4303	6/29	56° 50.00'	-151° 57.88'	41	7.0	1,856	85	1,149	147	0	0	5
4304	7/7	56° 50.03'	-152° 16.05'	52	6.9	769	43	775	118	0	59	0
4305	6/11	56° 50.00'	-152° 35.00'	77	6.9	566	38	698	90	0	0	0
4306	6/11	56° 49.90'	-152° 52.92'	35	6.9	242	15	1,007	145	0	0	0
4307	6/12	56° 49.90'	-153° 10.98'	45	7.0	1,175	75	1,142	140	0	20	0
4308	6/15	56° 49.95'	-153° 28.97'	53	7.0	468	32	672	100	0	30	0
4309	6/29	56° 59.95'	-151° 40.01'	41	7.0	2,681	142	1,371	173	0	5	5

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4310	6/28	57° 00.00'	-151° 59.02'	44	6.9	257	13	675	102	0	59	0
4311	7/7	56° 59.94'	-152° 16.98'	42	6.8	328	20	833	124	0	19	0
4312	7/7	57° 00.01'	-152° 34.88'	83	6.8	880	56	735	92	0	34	0
4313	6/11	56° 59.84'	-152° 53.97'	62	7.0	621	36	534	79	0	94	0
4314	6/27	57° 10.00'	-151° 04.15'	207	6.9	256	18	300	36	98	0	15
4315	6/27	57° 09.98'	-151° 21.71'	70	7.0	1,021	72	1,360	174	0	74	0
4316	6/28	57° 09.98'	-151° 41.03'	40	7.0	515	30	745	106	0	45	0
4317	6/28	57° 10.00'	-151° 58.91'	38	6.9	781	38	1,310	172	0	5	0
4318	7/6	57° 09.98'	-152° 18.20'	43	6.9	345	21	690	100	0	74	0
4319	7/6	57° 10.02'	-152° 35.70'	52	6.8	240	14	308	50	0	39	0
4320	6/26	57° 20.00'	-151° 03.54'	50	6.9	929	53	1,145	159	0	15	15
4321	6/27	57° 19.93'	-151° 22.98'	73	6.9	1,908	108	1,090	146	0	25	0
4322	7/5	57° 19.99'	-151° 41.24'	34	6.9	580	24	632	97	0	34	0
4323	7/5	57° 20.15'	-151° 59.99'	40	6.9	131	7	487	73	0	64	0
4324	7/6	57° 20.08'	-152° 17.59'	22	6.9	1,394	60	96	12	0	5	0
4325	6/26	57° 29.91'	-151° 04.98'	44	7.0	506	31	1,008	146	0	40	0
4326	6/26	57° 29.91'	-151° 22.98'	46	6.9	335	23	721	103	0	142	0
4327	7/3	57° 29.88'	-151° 42.05'	58	7.0	165	11	677	97	0	84	0
4328	7/5	57° 30.11'	-152° 01.00'	27	6.9	3,427	140	403	53	0	10	0
4329	7/3	57° 39.98'	-151° 43.55'	36	6.9	302	21	744	103	0	39	0
4330	7/3	57° 39.98'	-152° 01.21'	90	6.9	932	51	444	56	0	108	0
4331	6/5	57° 30.11'	-154° 54.92'	127	6.9	312	22	658	89	10	69	0
4332	6/6	57° 40.02'	-154° 34.91'	119	6.8	258	18	160	21	0	44	0
4333	6/5	57° 39.77'	-154° 54.00'	128	6.9	455	24	135	16	0	69	0
4334	6/5	57° 39.96'	-155° 13.20'	163	6.9	585	39	353	46	5	25	0
4335	6/7	57° 50.02'	-154° 15.04'	114	7.0	561	40	287	36	0	10	0
4336	6/6	57° 49.93'	-154° 33.97'	127	6.9	586	31	239	33	0	15	0
4337	6/6	57° 50.04'	-154° 52.98'	159	7.0	360	20	193	24	0	0	0
4338	6/8	58° 00.06'	-153° 37.00'	91	6.9	833	53	432	58	0	15	0
4339	6/7	57° 59.92'	-153° 56.00'	109	6.9	604	37	187	23	0	10	0
4340	6/7	57° 59.72'	-154° 14.15'	127	6.8	244	13	100	12	0	15	0
4341	6/8	58° 10.01'	-153° 18.95'	67	6.9	151	10	395	58	0	118	0
4342	6/8	58° 09.90'	-153° 37.98'	108	6.9	601	29	96	12	0	5	0
4343	6/4	58° 09.90'	-153° 56.95'	116	7.0	766	39	401	44	0	5	0
4344	6/18	58° 20.12'	-153° 19.87'	96	7.0	232	15	74	10	0	0	0
4345	6/4	58° 19.89'	-153° 39.06'	97	6.9	499	31	181	25	0	25	0
4346	6/4	58° 20.02'	-153° 58.08'	43	6.9	238	15	360	54	0	74	0
4347	6/19	58° 30.01'	-153° 01.96'	90	7.0	594	38	251	32	0	5	0
4348	6/18	58° 29.81'	-153° 21.15'	98	6.8	222	14	97	13	0	5	0
4349	6/18	58° 29.96'	-153° 41.04'	62	6.9	922	31	189	24	0	34	0
4350	6/20	58° 40.21'	-152° 44.09'	108	7.0	309	20	417	55	0	25	0
4351	6/19	58° 40.00'	-153° 03.13'	89	7.0	1,466	59	298	38	0	25	0
4352	6/19	58° 40.01'	-153° 22.93'	32	7.0	612	32	184	30	0	59	0
4353	5/29	58° 49.92'	-152° 26.04'	97	7.0	97	5	102	12	0	25	0
4354	6/20	58° 49.95'	-152° 45.02'	102	7.0	698	42	319	42	0	25	0
4355	6/20	58° 49.94'	-153° 03.91'	88	6.9	669	30	385	51	0	5	0
4356	5/28	59° 00.00'	-151° 47.84'	72	6.8	95	6	132	18	0	0	0
4357	5/28	59° 00.01'	-152° 06.86'	77	6.8	651	32	575	72	0	19	0
4358	5/29	59° 00.06'	-152° 26.99'	80	7.0	187	9	205	28	0	10	0
4359	6/21	59° 00.00'	-152° 46.82'	93	6.9	1,104	69	379	48	0	44	0
4360	6/21	59° 00.03'	-153° 04.53'	85	6.9	91	6	80	11	0	5	0

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.

2015 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
4361	5/28	59° 09.83'	-152° 08.01'	78	6.9	195	14	976	136	0	0	0
4362	5/29	59° 10.07'	-152° 26.98'	55	7.0	26	2	208	31	0	0	0
4363	6/21	59° 09.70'	-152° 47.06'	77	7.0	248	15	199	27	0	25	0
4364	6/22	59° 10.02'	-153° 06.36'	45	6.9	47	4	332	49	0	39	0
4365	6/22	59° 10.00'	-153° 26.10'	23	6.9	1,091	54	152	19	0	103	0
4366	6/1	59° 19.96'	-152° 06.79'	37	6.9	268	12	1,159	178	0	0	0
4367	5/30	59° 20.00'	-152° 27.95'	38	7.0	311	13	520	78	0	35	0
4368	5/30	59° 20.06'	-152° 48.00'	42	7.0	15	1	138	24	0	0	0
4369	6/22	59° 19.95'	-153° 08.24'	28	6.9	30	2	13	2	0	5	0
4370	6/1	59° 30.01'	-151° 50.11'	38	7.0	792	42	431	59	0	0	0
4371	6/1	59° 29.98'	-152° 09.00'	23	7.0	362	22	1,011	130	0	0	0
4372	5/31	59° 30.00'	-152° 28.98'	29	6.9	195	14	858	118	0	88	0
4373	5/30	59° 29.86'	-152° 48.98'	27	7.0	494	29	458	59	0	59	0
4374	5/31	59° 40.00'	-152° 30.01'	43	7.0	901	48	349	44	0	35	0
4375	5/31	59° 50.00'	-152° 11.06'	27	7.0	743	39	1,666	221	0	0	0
372 Total Effective 3A Stations					Totals	266,780	13,301	182,530	24,274	3,369	6,214	2,114

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

² Weights calculated from length-weight tables.

³ Bycatch extrapolated from 20% subsample for all stations except 1076-84, 1126-1525.