

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4001	6/23	57° 50.07'	-137° 12.99'	175	5.0	531	24	56	6	79	0	30
4002	6/23	58° 00.06'	-136° 54.20'	229	5.0	153	5	17	2	50	0	5
4003	6/23	58° 00.01'	-137° 12.17'	109	5.0	2,191	139	320	34	0	0	15
4004	7/28	58° 00.05'	-137° 31.01'	90	4.9	1,979	109	346	41	0	0	44
4005	6/24	58° 00.04'	-137° 49.75'	99	5.0	471	30	402	46	0	5	15
4006	7/28	58° 09.97'	-136° 54.97'	110	5.0	919	48	20	2	25	0	0
4007	7/28	58° 09.93'	-137° 10.95'	66	5.0	937	36	160	18	0	0	5
4008	6/24	58° 10.00'	-137° 29.60'	78	5.0	533	27	138	19	0	0	0
4009	6/24	58° 10.01'	-137° 49.35'	84	5.0	771	39	82	9	0	0	0
4010	6/25	58° 09.95'	-138° 08.06'	81	5.0	0	0	15	2	0	0	0
4011	6/25	58° 10.09'	-138° 26.99'	88	5.0	837	30	104	12	0	0	40
4012	6/28	58° 10.04'	-138° 46.02'	101	5.0	2,040	85	268	32	0	0	84
4013	7/29	58° 20.00'	-137° 09.95'	93	4.9	77	3	0	0	5	0	10
4014	7/29	58° 19.98'	-137° 28.94'	103	5.0	0	0	0	0	0	0	0
4015	7/27	58° 19.96'	-137° 48.01'	95	5.0	95	2	0	0	0	0	0
4016	6/25	58° 20.01'	-138° 07.19'	70	5.0	0	0	6	1	0	0	0
4017	6/25	58° 20.03'	-138° 26.26'	71	5.0	0	0	0	0	0	0	0
4018	6/28	58° 19.82'	-138° 46.01'	68	5.0	904	29	170	24	0	0	54
4019	6/28	58° 20.01'	-139° 05.29'	62	5.0	1,257	58	275	37	0	0	59
4020	6/28	58° 20.03'	-139° 23.98'	150	5.0	693	34	58	6	30	0	0
4021	7/29	58° 28.40'	-137° 30.32'	83	5.0	28	1	0	0	0	0	0
4022	7/27	58° 29.97'	-137° 46.96'	86	5.0	0	0	0	0	0	0	0
4023	7/27	58° 30.00'	-138° 07.03'	74	5.0	0	0	0	0	0	0	0
4024	7/27	58° 30.01'	-138° 26.02'	65	5.0	210	11	497	67	0	0	30
4025	7/26	58° 29.99'	-138° 44.99'	52	5.0	543	20	181	26	0	0	35
4026	7/26	58° 30.03'	-139° 03.99'	56	5.0	115	5	139	23	0	0	0
4027	6/27	58° 30.00'	-139° 23.34'	93	5.0	1,312	52	283	36	0	0	40
4028	6/27	58° 30.00'	-139° 41.98'	136	5.0	577	31	146	18	30	0	0
4029	6/26	58° 39.70'	-138° 06.03'	52	5.0	142	4	19	3	0	0	10
4030	6/26	58° 40.05'	-138° 24.99'	72	5.0	0	0	0	0	0	0	0
4031	7/26	58° 40.00'	-138° 44.09'	56	5.0	472	14	213	35	0	5	15
4032	7/26	58° 39.96'	-139° 04.06'	82	5.0	490	36	397	48	0	5	0
4033	6/27	58° 40.00'	-139° 22.92'	140	5.0	1,033	52	106	12	35	0	5
4034	7/24	58° 40.00'	-139° 42.02'	104	5.0	560	24	33	4	5	0	10
4035	7/24	58° 40.00'	-140° 01.01'	105	5.0	2,185	89	375	43	0	0	0
4036	6/26	58° 50.00'	-138° 05.14'	28	5.0	28	1	57	11	0	0	0
4037	6/26	58° 49.79'	-138° 23.99'	38	5.0	193	7	22	3	0	0	5
4038	7/25	58° 50.00'	-138° 43.98'	68	5.0	15	1	31	5	0	0	0
4039	6/29	58° 49.93'	-139° 02.98'	107	5.0	19	1	32	4	0	0	0
4040	7/24	58° 50.01'	-139° 21.94'	74	5.0	42	3	18	2	0	0	0
4041	7/24	58° 50.01'	-139° 41.98'	88	5.0	430	15	75	8	0	0	5
4042	7/23	58° 50.00'	-140° 00.94'	97	5.0	1,390	45	177	22	17	0	0
4043	7/25	59° 00.02'	-138° 24.24'	33	5.0	23	1	24	7	0	0	0
4044	7/25	59° 00.00'	-138° 43.00'	86	5.0	47	1	0	0	0	0	0
4045	6/29	58° 59.96'	-139° 01.94'	57	5.0	67	2	17	2	0	0	0
4046	6/29	59° 00.03'	-139° 21.97'	61	5.0	13	1	58	9	0	0	0
4047	7/23	59° 00.02'	-139° 41.05'	66	5.0	170	8	94	12	0	0	0
4048	7/13	59° 10.01'	-139° 02.24'	30	4.9	53	3	20	3	0	0	0
4049	7/13	59° 10.01'	-139° 21.12'	55	4.9	0	0	0	0	0	0	0
4051	7/3	58° 49.96'	-140° 20.01'	101	5.0	1,807	74	166	19	0	15	0
4052	7/3	58° 50.00'	-140° 40.01'	107	5.0	2,096	85	278	36	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 ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4053	7/23	59° 00.01'	-140° 00.93'	74	5.0	1,067	33	195	27	0	0	15
4054	7/3	59° 00.14'	-140° 20.01'	84	4.9	920	34	157	20	0	5	0
4055	7/3	59° 00.14'	-140° 39.00'	98	5.0	1,903	77	328	39	0	5	5
4056	7/4	59° 00.06'	-140° 59.09'	106	5.0	903	49	214	28	0	0	0
4057	7/13	59° 10.00'	-139° 40.99'	73	4.9	150	6	108	13	0	0	0
4058	7/9	59° 10.00'	-139° 59.93'	64	4.9	500	21	501	71	0	0	0
4059	7/9	59° 10.06'	-140° 20.01'	71	4.9	1,661	54	320	48	0	0	0
4060	7/5	59° 09.99'	-140° 39.01'	82	4.9	681	28	189	24	0	0	0
4061	7/4	59° 10.05'	-140° 59.00'	99	5.0	2,358	90	273	32	10	0	5
4062	7/4	59° 10.01'	-141° 18.09'	188	5.0	1,039	49	62	7	45	0	0
4063	7/6	59° 09.98'	-141° 38.00'	120	5.0	3,256	206	309	34	15	0	5
4064	7/13	59° 20.52'	-139° 40.00'	83	5.0	32	1	0	0	0	0	0
4065	7/12	59° 19.91'	-140° 00.01'	88	5.0	0	0	0	0	0	0	0
4066	7/9	59° 19.82'	-140° 20.00'	70	5.0	623	23	196	27	0	0	0
4067	7/5	59° 20.02'	-140° 39.00'	78	5.0	960	35	228	30	0	5	0
4068	7/5	59° 20.00'	-140° 58.95'	88	5.0	945	47	275	36	5	0	0
4069	7/5	59° 20.00'	-141° 17.92'	183	5.0	507	26	52	6	45	0	0
4070	7/6	59° 20.04'	-141° 38.01'	104	5.0	877	39	101	12	0	0	0
4071	7/6	59° 20.00'	-141° 58.14'	119	5.0	1,717	97	360	41	5	0	0
4072	7/12	59° 29.91'	-140° 00.02'	62	5.0	0	0	0	0	0	0	0
4073	7/8	59° 30.01'	-140° 19.01'	125	4.9	74	2	9	1	0	0	0
4074	7/8	59° 29.96'	-140° 39.01'	153	5.0	231	12	29	3	20	0	5
4075	7/8	59° 29.99'	-140° 59.01'	162	5.0	720	32	51	5	20	0	10
4076	7/14	59° 30.03'	-141° 18.99'	91	4.9	74	2	14	2	0	0	0
4077	7/7	59° 30.00'	-141° 38.02'	89	5.0	76	2	0	0	0	0	0
4078	7/7	59° 30.03'	-141° 57.87'	97	4.9	421	14	24	3	0	0	0
4079	7/12	59° 39.93'	-139° 59.01'	80	4.9	479	13	53	6	0	39	0
4080	7/14	59° 40.01'	-140° 59.01'	30	5.0	29	2	18	2	0	0	0
4081	7/14	59° 40.01'	-141° 19.09'	37	5.0	34	2	0	0	0	0	0
4082	7/7	59° 40.00'	-141° 37.99'	51	5.0	31	1	7	1	0	0	0
4083	7/7	59° 40.09'	-141° 57.93'	80	5.0	24	1	0	0	0	0	0
4084	7/18	59° 40.01'	-142° 18.00'	120	5.0	823	43	62	7	0	0	0
4085	7/18	59° 39.99'	-142° 38.02'	214	5.0	376	18	43	5	84	0	15
4086	7/15	59° 40.00'	-142° 58.11'	111	5.0	2,208	102	151	17	25	0	0
4087	7/15	59° 40.00'	-143° 17.00'	149	5.0	1,231	45	32	4	35	0	5
4088	7/16	59° 40.00'	-143° 36.97'	81	5.0	1,332	51	53	7	0	0	0
4089	7/16	59° 40.00'	-143° 57.11'	70	5.0	1,195	37	0	0	0	0	5
4090	7/17	59° 39.91'	-144° 17.01'	90	5.0	258	12	24	3	0	0	0
4091	7/17	59° 39.99'	-144° 36.92'	80	5.0	95	5	26	3	0	0	0
4092	7/22	59° 50.01'	-141° 59.10'	38	5.0	369	9	24	3	0	0	0
4093	7/18	59° 50.00'	-142° 18.01'	48	5.0	1,260	41	26	3	0	0	0
4094	7/18	59° 50.00'	-142° 38.05'	91	5.0	329	11	27	3	0	0	0
4095	7/15	59° 50.01'	-142° 57.95'	95	5.0	1,653	60	27	3	0	0	0
4096	7/15	59° 49.96'	-143° 18.01'	122	4.9	543	22	74	8	10	0	0
4097	7/16	59° 49.99'	-143° 38.02'	154	5.0	308	15	16	2	45	0	15
4098	7/16	59° 50.03'	-143° 57.74'	52	5.0	372	17	114	13	0	0	0
4099	7/17	59° 50.00'	-144° 18.13'	35	5.0	1,038	41	339	50	0	10	0
4100	7/22	60° 00.00'	-142° 39.02'	43	5.0	851	25	40	7	0	0	0
4101	7/22	59° 59.99'	-142° 58.97'	62	5.0	466	14	6	1	0	0	0
4102	7/12	59° 20.00'	-146° 15.99'	156	5.0	1,009	59	97	10	40	0	25
4103	7/12	59° 20.01'	-146° 34.87'	80	5.0	660	40	328	38	5	0	5

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Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4104	7/12	59° 20.01'	-146° 54.93'	104	5.0	910	52	151	18	15	0	0
4105	7/5	59° 20.01'	-147° 15.10'	101	5.0	136	10	82	9	5	0	0
4106	7/11	59° 30.01'	-145° 16.06'	72	5.0	1,040	54	368	45	0	0	69
4107	7/11	59° 30.02'	-145° 55.02'	92	5.0	630	40	218	24	0	5	0
4108	7/3	59° 30.02'	-146° 35.02'	52	5.0	0	0	24	3	0	0	0
4109	7/3	59° 30.01'	-146° 53.84'	98	5.0	259	15	94	10	0	0	0
4110	7/4	59° 30.01'	-147° 13.96'	96	5.0	50	3	0	0	5	0	0
4111	7/4	59° 30.02'	-147° 34.03'	63	5.0	58	5	44	6	0	0	0
4112	7/11	59° 40.01'	-145° 34.03'	59	5.0	299	12	74	9	0	0	0
4113	7/13	59° 40.02'	-145° 54.04'	45	5.0	1,562	57	322	41	0	0	0
4114	7/13	59° 40.01'	-146° 13.92'	47	5.0	88	5	275	39	0	0	0
4115	7/3	59° 40.00'	-146° 34.12'	48	5.0	314	11	241	32	0	0	15
4116	7/3	59° 39.99'	-146° 53.07'	60	5.0	156	4	0	0	0	0	0
4117	7/4	59° 39.99'	-147° 13.06'	101	5.0	739	48	118	13	0	0	0
4118	7/4	59° 39.99'	-147° 33.03'	65	5.0	941	60	247	30	0	0	0
4119	7/10	59° 50.02'	-144° 58.02'	107	5.0	891	35	73	9	5	40	0
4120	7/13	59° 49.98'	-145° 53.10'	57	5.0	137	6	38	5	0	0	0
4121	7/9	59° 50.02'	-146° 13.11'	34	5.0	416	26	800	111	0	0	5
4122	7/9	59° 50.01'	-146° 33.06'	37	5.0	1,077	45	175	26	0	0	35
4123	7/6	59° 50.01'	-146° 53.10'	43	5.0	273	13	499	82	0	0	0
4124	7/6	59° 50.01'	-147° 13.07'	82	5.0	1,323	74	193	22	0	5	20
4125	7/10	60° 00.01'	-144° 39.02'	124	5.0	973	51	145	16	5	20	0
4126	7/10	60° 00.02'	-144° 58.95'	71	5.0	2,074	95	189	22	0	0	0
4127	7/10	60° 00.01'	-145° 18.93'	66	5.0	518	24	87	11	0	0	0
4128	7/9	60° 00.01'	-146° 11.99'	34	5.0	1,063	34	132	20	0	0	5
4129	7/9	60° 00.01'	-146° 32.01'	37	5.0	74	2	487	85	0	0	0
4130	7/6	59° 59.99'	-146° 51.95'	78	5.0	520	18	77	9	0	0	0
4131	7/6	60° 00.01'	-147° 12.03'	101	5.0	929	47	184	21	10	20	0
4132	7/18	60° 10.01'	-145° 31.02'	48	5.0	406	18	128	18	0	0	0
4133	7/18	60° 10.01'	-145° 51.11'	59	5.0	826	36	72	9	0	0	0
4134	7/18	60° 10.01'	-146° 11.03'	44	5.0	1,285	63	327	42	0	0	0
4135	7/19	60° 09.99'	-147° 31.05'	36	5.0	1,031	40	211	26	0	5	5
4136	7/19	60° 09.98'	-147° 50.99'	189	5.0	1,182	61	325	40	0	15	0
4137	7/19	60° 20.03'	-147° 30.98'	74	5.0	624	27	126	16	0	5	10
4138	7/20	60° 30.01'	-146° 29.09'	35	5.0	751	32	167	22	5	0	0
4139	7/20	60° 30.05'	-146° 48.98'	218	5.0	1,286	77	138	16	15	0	0
4140	7/16	60° 29.97'	-147° 09.98'	103	5.0	473	31	260	32	0	5	0
4141	7/16	60° 30.01'	-147° 30.05'	113	5.0	117	8	127	15	0	20	30
4142	7/17	60° 28.97'	-147° 50.01'	252	5.0	298	19	174	22	10	0	0
4143	7/20	60° 39.99'	-146° 49.01'	226	5.0	922	63	459	54	15	0	15
4144	7/16	60° 39.99'	-147° 09.09'	137	5.0	838	44	157	21	0	10	0
4145	7/16	60° 49.96'	-147° 07.77'	190	5.0	692	35	260	35	5	25	5
4146	7/17	60° 50.04'	-148° 09.99'	182	5.0	443	15	65	8	0	5	5
4147	6/19	58° 40.02'	-148° 33.89'	130	5.0	440	30	151	17	64	10	0
4148	6/17	58° 40.03'	-148° 53.11'	92	5.0	459	32	215	25	10	5	0
4149	6/19	58° 50.01'	-148° 14.94'	151	5.0	979	66	277	30	10	0	0
4150	6/19	58° 50.01'	-148° 34.00'	160	5.0	269	14	55	6	35	0	15
4151	6/17	58° 50.03'	-148° 53.11'	140	5.0	106	6	45	5	15	0	0
4152	6/17	58° 50.01'	-149° 12.10'	113	5.0	62	3	11	1	5	0	0
4153	6/20	59° 00.03'	-147° 55.19'	240	5.0	410	23	114	13	54	0	10
4154	6/20	59° 00.01'	-148° 14.06'	119	5.0	1,656	96	210	22	0	0	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4155	6/24	59° 00.02'	-148° 33.84'	132	5.0	323	22	64	7	0	0	0
4156	6/24	59° 00.03'	-148° 52.98'	116	5.0	165	11	48	5	10	0	0
4157	6/21	59° 00.03'	-149° 11.98'	116	5.0	186	12	0	0	15	0	0
4158	6/21	59° 00.01'	-149° 31.92'	127	5.0	303	16	54	6	20	0	0
4159	7/5	59° 10.03'	-147° 35.07'	134	5.0	941	55	247	27	5	0	20
4160	6/20	59° 10.02'	-147° 53.95'	110	5.0	497	32	122	13	0	0	0
4161	6/20	59° 10.04'	-148° 14.22'	68	5.0	792	43	318	37	0	0	45
4162	6/24	59° 10.02'	-148° 32.99'	83	5.0	222	12	74	8	0	5	0
4163	6/24	59° 10.01'	-148° 52.99'	97	5.0	85	5	0	0	0	0	0
4164	6/21	59° 10.02'	-149° 12.08'	85	5.0	202	8	31	4	0	0	5
4165	6/21	59° 10.00'	-149° 32.08'	87	5.0	124	6	17	2	0	0	0
4166	5/30	59° 10.00'	-149° 50.69'	75	5.0	0	0	15	2	0	0	0
4167	7/5	59° 19.99'	-147° 34.19'	67	5.0	1,244	61	196	26	0	0	10
4168	6/25	59° 20.04'	-147° 54.11'	99	5.0	961	52	163	18	10	0	0
4169	6/25	59° 20.01'	-148° 13.01'	86	5.0	606	30	157	18	0	0	0
4170	6/26	59° 19.93'	-148° 32.98'	51	5.0	487	15	42	6	0	0	15
4171	6/26	59° 19.94'	-148° 53.06'	92	5.0	624	32	160	17	0	0	0
4172	6/13	59° 19.99'	-149° 11.99'	103	5.0	830	49	251	31	5	0	0
4173	6/13	59° 20.03'	-149° 32.08'	69	5.0	1,264	84	629	77	0	0	0
4174	6/16	59° 19.99'	-149° 51.07'	104	5.0	517	29	80	9	0	0	0
4175	6/16	59° 19.94'	-150° 11.01'	88	5.0	605	36	245	29	0	10	0
4176	6/25	59° 30.02'	-147° 53.01'	61	5.0	308	11	45	7	0	0	0
4177	6/25	59° 30.01'	-148° 12.81'	114	5.0	56	3	13	2	0	5	0
4178	6/26	59° 29.99'	-148° 33.04'	54	5.0	284	16	357	52	0	0	0
4179	6/26	59° 29.99'	-148° 51.65'	91	5.0	31	2	6	1	0	0	0
4180	6/13	59° 30.03'	-149° 12.06'	124	5.0	648	44	147	17	10	0	5
4181	6/13	59° 29.99'	-149° 32.06'	57	5.0	385	21	640	89	0	0	0
4182	6/16	59° 30.01'	-149° 51.98'	112	5.0	1,485	78	335	38	0	20	0
4183	6/16	59° 30.01'	-150° 10.92'	75	5.0	79	5	72	11	0	0	0
4184	7/2	59° 40.01'	-147° 53.05'	39	5.0	2,247	84	270	34	0	0	10
4185	7/2	59° 40.03'	-148° 13.10'	71	5.0	155	10	297	42	5	0	0
4186	6/27	59° 40.02'	-148° 31.98'	115	5.0	11	1	0	0	0	0	0
4187	6/27	59° 40.01'	-148° 51.91'	99	5.0	0	0	0	0	0	0	0
4188	6/28	59° 40.05'	-149° 11.99'	115	5.0	611	29	127	15	5	0	0
4189	6/28	59° 40.03'	-149° 31.82'	159	5.0	556	30	140	16	5	5	0
4190	7/2	59° 50.01'	-148° 12.07'	48	5.0	318	17	457	69	0	0	0
4191	6/27	59° 49.98'	-148° 32.09'	73	5.0	41	3	0	0	0	0	0
4192	6/27	59° 50.01'	-148° 51.98'	93	5.0	181	7	53	6	0	10	5
4193	6/28	59° 50.01'	-149° 11.93'	83	5.0	824	47	227	30	0	10	0
4194	6/28	59° 50.00'	-149° 31.92'	86	5.0	571	23	114	15	0	10	0
4195	6/12	57° 59.97'	-149° 12.99'	76	5.0	1,363	98	993	112	0	0	20
4196	6/12	58° 10.01'	-148° 54.00'	72	5.0	1,580	110	759	85	0	0	0
4197	6/12	58° 09.99'	-149° 12.96'	64	5.0	1,568	98	763	88	0	0	10
4198	6/11	58° 09.98'	-149° 32.08'	59	5.0	618	45	495	63	0	0	15
4199	6/11	58° 10.04'	-149° 51.00'	75	5.0	449	31	569	69	0	0	5
4200	6/18	58° 20.01'	-148° 34.63'	110	5.0	558	38	332	37	5	54	0
4201	6/18	58° 20.02'	-148° 54.02'	69	5.0	493	29	531	60	0	0	0
4202	6/9	58° 20.01'	-149° 12.94'	85	5.0	33	2	48	6	0	5	0
4203	6/11	58° 20.01'	-149° 31.94'	83	5.0	470	31	399	50	0	40	0
4204	6/11	58° 20.01'	-149° 51.06'	43	5.0	622	42	395	47	0	0	20
4205	6/10	58° 20.02'	-150° 10.08'	28	5.0	514	24	584	74	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.

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4206	6/10	58° 20.02'	-150° 28.85'	31	5.0	72	6	77	10	0	0	0
4207	6/18	58° 30.01'	-148° 34.29'	72	5.0	663	43	489	60	0	0	0
4208	6/18	58° 30.00'	-148° 52.84'	62	5.0	693	41	340	43	0	0	5
4209	6/9	58° 29.99'	-149° 13.07'	67	5.0	0	0	0	0	0	0	0
4210	6/9	58° 30.02'	-149° 32.11'	76	5.0	0	0	26	3	0	0	0
4211	6/9	58° 30.02'	-149° 50.99'	75	5.0	52	4	64	7	0	0	0
4212	6/10	58° 30.00'	-150° 09.86'	50	5.0	11	1	122	17	0	0	0
4213	6/10	58° 30.02'	-150° 28.89'	47	5.0	14	1	24	3	0	0	0
4214	6/2	58° 30.02'	-150° 47.76'	56	5.0	145	8	149	19	0	0	15
4215	6/17	58° 40.02'	-149° 13.02'	75	5.0	146	9	36	4	0	0	0
4216	6/8	58° 40.01'	-149° 31.99'	73	4.9	13	1	27	3	0	0	0
4217	6/8	58° 40.04'	-149° 51.02'	81	5.0	12	1	48	6	0	0	0
4218	6/4	58° 40.02'	-150° 09.99'	68	5.0	124	9	118	14	0	0	0
4219	6/4	58° 40.02'	-150° 28.99'	110	5.0	0	0	0	0	0	0	0
4220	6/2	58° 39.98'	-150° 48.97'	111	5.0	53	4	13	2	0	0	0
4221	6/2	58° 40.01'	-151° 08.10'	105	5.0	62	4	29	3	0	0	0
4222	6/8	58° 50.03'	-149° 32.05'	122	5.0	77	4	10	1	10	0	0
4223	6/8	58° 50.02'	-149° 50.91'	130	5.0	263	16	50	5	25	0	0
4224	6/4	58° 49.99'	-150° 10.02'	89	5.0	48	3	0	0	0	5	0
4225	6/3	58° 50.02'	-150° 30.21'	94	5.0	75	5	66	7	0	0	0
4226	6/3	58° 50.02'	-150° 49.02'	97	5.0	11	1	38	4	0	0	0
4227	6/1	58° 50.02'	-151° 08.19'	79	5.0	11	1	34	4	0	0	0
4228	6/1	58° 50.02'	-151° 27.82'	60	5.0	0	0	72	10	0	0	10
4229	5/30	59° 00.01'	-149° 51.06'	122	4.9	183	11	36	5	0	0	0
4230	5/30	59° 00.01'	-150° 11.03'	105	5.0	53	4	48	5	0	0	0
4231	6/3	59° 00.03'	-150° 29.80'	65	5.0	140	10	44	5	0	0	0
4232	6/3	59° 00.00'	-150° 50.05'	90	5.0	459	26	237	28	0	5	0
4233	6/1	59° 00.03'	-151° 08.89'	83	5.0	92	5	0	0	0	0	0
4234	6/1	59° 00.02'	-151° 28.01'	70	5.0	140	8	33	5	0	0	0
4235	5/30	59° 10.00'	-150° 11.16'	69	5.0	630	40	505	63	0	0	0
4236	5/31	59° 09.99'	-150° 29.95'	68	4.9	209	16	515	71	0	0	0
4237	5/31	59° 10.01'	-150° 50.75'	54	5.0	1,139	52	412	49	0	5	35
4238	5/31	59° 10.01'	-151° 08.99'	30	5.0	941	38	181	25	0	0	10
4239	5/31	59° 20.09'	-150° 33.97'	114	5.0	1,249	48	126	16	0	88	5
4240	5/29	57° 20.06'	-150° 46.18'	87	5.0	742	53	803	93	10	10	5
4241	5/30	57° 29.99'	-150° 09.23'	245	5.0	1,180	83	443	50	15	0	0
4242	5/31	57° 30.05'	-150° 27.68'	88	5.0	290	21	673	82	0	25	0
4243	5/31	57° 28.48'	-150° 45.50'	53	5.0	763	51	615	78	0	10	0
4244	5/30	57° 40.05'	-149° 49.94'	240	5.0	769	53	368	40	35	0	10
4245	5/30	57° 40.05'	-150° 08.30'	116	4.9	521	36	608	70	15	39	0
4246	5/31	57° 40.14'	-150° 27.54'	53	5.0	1,107	77	937	117	0	0	0
4247	6/1	57° 40.01'	-150° 46.80'	48	5.0	1,873	105	651	77	0	0	0
4248	6/21	57° 40.15'	-151° 05.03'	41	5.0	304	18	145	16	0	0	0
4249	6/21	57° 39.92'	-151° 23.81'	35	5.0	272	13	63	8	0	0	0
4250	6/10	57° 49.93'	-149° 32.27'	209	5.0	1,294	79	373	40	25	0	15
4251	6/10	57° 49.91'	-149° 49.97'	140	5.0	1,035	77	806	89	10	0	0
4252	6/11	57° 50.03'	-150° 08.02'	110	5.0	521	35	361	42	5	30	0
4253	6/11	57° 50.12'	-150° 27.65'	50	5.0	1,824	109	881	111	0	0	0
4254	6/1	57° 49.99'	-150° 46.34'	47	5.0	1,057	62	843	103	0	0	0
4255	6/1	57° 50.03'	-151° 05.67'	39	5.0	874	47	1,025	138	0	0	0
4256	6/21	57° 50.17'	-151° 23.91'	30	5.0	349	23	902	123	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.

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4257	6/2	57° 50.18'	-151° 42.97'	30	5.0	511	27	421	60	0	15	0
4258	6/2	57° 50.12'	-152° 02.27'	51	5.0	565	33	461	59	0	10	0
4259	6/10	57° 59.63'	-149° 32.03'	79	5.0	184	14	322	37	0	5	0
4260	6/9	57° 59.97'	-149° 51.36'	128	5.0	933	57	297	32	35	15	0
4261	6/9	57° 59.91'	-150° 08.41'	130	5.0	289	21	353	39	5	15	0
4262	6/11	58° 00.05'	-150° 27.60'	90	5.0	291	19	277	32	5	20	0
4263	6/12	58° 00.11'	-150° 46.41'	71	5.0	1,147	76	521	65	0	15	0
4264	6/12	58° 00.00'	-151° 05.93'	45	5.0	1,308	75	606	69	0	0	0
4265	6/20	57° 59.97'	-151° 24.85'	43	5.0	580	40	569	78	0	0	0
4266	6/20	58° 00.00'	-151° 43.96'	63	5.0	437	30	861	108	0	25	0
4267	6/3	57° 59.87'	-152° 02.44'	97	5.0	378	16	264	33	0	10	0
4268	6/3	58° 00.06'	-152° 21.63'	119	5.0	489	26	140	17	10	35	0
4269	6/9	58° 10.28'	-150° 09.63'	76	5.0	1,554	103	862	93	0	0	0
4270	6/8	58° 09.77'	-150° 28.73'	61	5.0	239	14	69	8	0	0	0
4271	6/8	58° 10.04'	-150° 48.45'	60	5.0	112	8	104	13	0	0	0
4272	6/12	58° 09.98'	-151° 06.93'	79	5.0	149	10	41	5	0	0	0
4273	6/19	58° 09.91'	-151° 24.76'	90	5.0	1,236	81	922	104	5	20	0
4274	6/20	58° 08.76'	-151° 41.66'	35	5.0	1,778	67	337	47	0	0	5
4275	6/8	58° 20.10'	-150° 48.28'	36	5.0	0	0	254	38	0	0	0
4276	6/13	58° 20.03'	-151° 06.23'	69	5.0	29	2	28	3	0	0	0
4277	6/19	58° 19.96'	-151° 25.76'	39	5.0	1,892	135	997	114	0	0	0
4278	6/19	58° 20.07'	-151° 45.05'	31	5.0	920	32	179	23	0	0	0
4279	6/13	58° 30.09'	-151° 06.53'	56	5.0	78	6	116	14	0	0	0
4280	6/18	58° 29.80'	-151° 27.42'	95	5.0	572	39	305	35	0	10	0
4281	6/18	58° 30.11'	-151° 45.69'	97	5.0	967	53	113	13	10	15	0
4282	6/18	58° 39.93'	-151° 27.27'	103	5.0	249	16	261	29	5	10	0
4283	6/17	58° 40.06'	-151° 46.43'	69	5.0	1,976	125	717	86	0	5	0
4284	6/17	58° 40.05'	-152° 05.98'	71	5.0	760	47	349	44	0	0	0
4285	6/17	58° 49.28'	-152° 06.07'	55	5.0	725	35	560	77	0	0	20
4286	6/16	56° 19.93'	-152° 50.39'	56	5.0	1,221	71	724	87	0	5	0
4287	6/16	56° 19.98'	-153° 07.48'	52	4.9	761	54	358	45	0	0	0
4288	6/17	56° 19.84'	-153° 25.81'	33	5.1	560	25	77	12	0	0	0
4289	6/11	56° 30.20'	-152° 14.44'	82	5.0	585	44	600	67	0	5	10
4290	6/11	56° 30.10'	-152° 33.38'	144	4.8	906	54	308	34	14	0	14
4291	6/10	56° 30.05'	-152° 51.00'	28	4.9	757	34	426	55	0	0	0
4292	6/16	56° 30.00'	-153° 08.31'	41	4.8	250	10	172	26	0	52	0
4293	6/20	56° 30.01'	-153° 27.27'	49	5.0	211	12	232	33	0	5	0
4294	6/20	56° 30.02'	-153° 44.53'	36	4.9	870	41	104	14	0	5	0
4295	6/12	56° 40.07'	-151° 57.10'	32	4.9	881	49	410	54	0	10	10
4296	6/11	56° 39.86'	-152° 14.78'	18	4.9	1,137	49	90	12	0	0	0
4297	6/10	56° 40.00'	-152° 33.98'	74	4.8	145	10	415	49	0	0	0
4298	6/10	56° 39.87'	-152° 51.95'	39	5.0	575	26	299	40	0	0	0
4299	6/9	56° 40.04'	-153° 10.40'	81	4.9	117	6	0	0	0	0	0
4300	6/9	56° 39.97'	-153° 27.89'	78	5.0	608	33	276	37	0	0	0
4301	6/20	56° 39.86'	-153° 46.03'	42	4.9	760	26	217	32	0	0	0
4302	6/13	56° 50.51'	-151° 39.84'	141	5.1	198	13	282	31	5	25	0
4303	6/12	56° 49.96'	-151° 58.01'	42	5.0	2,120	76	399	50	0	5	0
4304	6/12	56° 49.99'	-152° 15.65'	54	4.8	1,006	61	583	72	0	5	0
4305	6/8	56° 50.02'	-152° 35.11'	75	4.9	847	48	420	53	5	0	0
4306	6/8	56° 50.02'	-152° 52.91'	35	5.0	479	27	347	44	5	0	0
4307	6/9	56° 49.99'	-153° 11.19'	49	4.9	525	36	360	46	0	10	0

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² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4308	6/9	56° 49.96'	-153° 28.98'	55	4.9	329	18	430	61	0	5	0
4309	6/13	56° 59.95'	-151° 40.44'	40	4.9	1,394	65	519	59	0	0	44
4310	6/13	56° 59.97'	-151° 58.83'	45	5.0	521	27	369	49	0	5	0
4311	5/31	57° 00.27'	-152° 16.84'	42	4.9	350	19	427	61	0	0	0
4312	6/8	56° 59.82'	-152° 35.01'	84	4.9	253	16	137	16	10	0	0
4313	6/8	56° 59.96'	-152° 53.99'	60	5.0	390	22	250	35	5	0	0
4314	6/2	57° 10.04'	-151° 04.55'	202	4.9	190	13	268	30	53	5	0
4315	6/2	57° 10.02'	-151° 22.06'	71	5.0	765	52	720	84	0	0	0
4316	6/1	57° 10.01'	-151° 41.34'	41	4.8	703	39	262	35	0	0	0
4317	6/1	57° 10.05'	-151° 59.05'	39	4.8	500	24	116	15	0	0	0
4318	5/31	57° 09.97'	-152° 18.33'	43	4.9	166	8	260	39	0	15	0
4319	5/31	57° 09.91'	-152° 35.95'	54	5.0	44	3	151	26	0	35	0
4320	6/3	57° 20.08'	-151° 03.87'	50	4.9	641	40	395	49	5	0	0
4321	6/2	57° 20.07'	-151° 22.87'	74	4.9	1,344	83	688	81	0	19	0
4322	6/1	57° 19.86'	-151° 40.93'	35	4.9	305	16	236	36	0	0	0
4323	5/30	57° 20.01'	-152° 00.22'	41	4.9	484	25	177	27	0	34	0
4324	5/30	57° 20.03'	-152° 17.64'	23	4.9	739	24	78	11	0	0	0
4325	6/3	57° 29.96'	-151° 05.49'	44	4.9	813	46	566	67	0	0	0
4326	6/3	57° 30.01'	-151° 22.81'	46	4.9	421	29	460	62	0	0	0
4327	5/29	57° 29.97'	-151° 42.00'	61	4.9	262	18	617	84	0	20	0
4328	5/30	57° 29.99'	-152° 00.73'	27	4.8	1,374	46	76	10	0	0	0
4329	5/29	57° 40.01'	-151° 43.56'	37	4.9	220	14	395	65	0	0	0
4330	5/29	57° 39.97'	-152° 00.98'	96	4.9	852	51	460	61	0	39	0
4331	8/31	57° 29.60'	-154° 54.99'	127	5.0	85	5	79	10	10	0	0
4332	9/1	57° 39.98'	-154° 34.99'	120	5.0	36	3	56	7	10	0	0
4333	8/31	57° 39.93'	-154° 53.99'	128	5.0	82	5	0	0	0	0	0
4334	8/31	57° 39.78'	-155° 13.03'	161	5.0	65	4	41	5	15	0	0
4336	9/1	57° 49.99'	-154° 34.20'	126	5.0	289	16	63	8	5	0	0
4337	9/1	57° 50.00'	-154° 53.36'	157	5.0	113	7	62	8	15	0	0
4338	8/27	57° 59.83'	-153° 37.01'	89	5.0	244	18	175	22	0	5	0
4339	8/30	57° 59.66'	-153° 56.07'	108	5.0	382	21	91	12	0	0	0
4340	8/30	57° 59.68'	-154° 14.17'	124	5.0	216	11	17	2	0	0	0
4341	8/27	58° 09.98'	-153° 19.03'	65	5.0	14	1	314	44	10	5	0
4342	8/27	58° 09.92'	-153° 37.95'	108	5.0	181	10	66	8	5	0	0
4343	8/26	58° 09.98'	-153° 57.05'	116	5.0	355	17	169	20	15	0	0
4344	8/25	58° 19.86'	-153° 20.04'	95	5.0	364	14	99	13	5	0	0
4345	8/26	58° 20.11'	-153° 39.01'	96	5.0	400	23	198	24	10	0	0
4346	8/26	58° 19.99'	-153° 58.01'	48	5.0	118	4	40	5	0	0	0
4347	8/19	58° 30.05'	-153° 01.98'	90	5.0	201	12	200	24	0	0	0
4348	8/25	58° 29.95'	-153° 20.98'	98	5.0	234	13	93	11	0	5	0
4349	8/25	58° 30.00'	-153° 41.00'	54	5.0	62	3	26	3	0	0	0
4350	8/20	58° 39.99'	-152° 43.96'	108	5.0	454	28	298	36	10	25	0
4351	8/19	58° 39.95'	-153° 03.05'	84	5.0	963	53	72	9	10	20	0
4352	8/19	58° 40.11'	-153° 23.00'	24	5.0	61	3	41	8	0	0	0
4353	8/18	58° 49.90'	-152° 26.04'	98	5.0	820	54	463	50	5	45	0
4354	8/20	58° 49.91'	-152° 44.99'	103	5.0	1,182	69	490	58	20	10	0
4355	8/20	58° 49.77'	-153° 03.98'	88	5.0	760	33	117	14	5	5	0
4356	8/17	58° 59.98'	-151° 48.01'	72	5.0	777	52	824	110	0	0	0
4357	8/17	59° 00.05'	-152° 06.96'	77	5.0	1,813	75	432	58	0	30	0
4358	8/18	59° 00.14'	-152° 27.01'	80	5.0	250	17	455	53	0	5	0
4359	8/18	59° 00.07'	-152° 45.97'	91	5.0	572	31	154	18	5	15	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.

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 3A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
4360	8/11	58° 59.65'	-153° 05.14'	85	4.3	791	31	112	13	0	17	0
4361	8/17	59° 10.20'	-152° 07.96'	75	5.0	323	17	634	92	0	15	0
4362	8/10	59° 10.12'	-152° 27.06'	55	5.0	124	10	243	38	0	0	0
4363	8/10	59° 09.69'	-152° 47.09'	77	5.0	1,282	72	415	49	0	5	0
4364	8/11	59° 09.90'	-153° 06.09'	48	5.0	346	13	96	15	0	5	0
4365	8/11	59° 10.05'	-153° 25.97'	22	5.0	427	14	40	5	0	0	0
4366	8/9	59° 19.94'	-152° 11.03'	38	5.0	109	6	607	96	0	0	0
4367	8/10	59° 19.98'	-152° 27.95'	39	5.0	99	3	102	16	0	0	0
4368	8/6	59° 19.89'	-152° 48.13'	42	5.0	74	4	242	42	0	0	0
4369	8/6	59° 20.00'	-153° 08.05'	26	5.0	327	12	39	6	0	0	0
4370	8/8	59° 30.15'	-151° 48.96'	45	5.0	294	14	179	27	0	0	0
4371	8/9	59° 29.82'	-152° 09.68'	23	5.0	154	10	475	67	0	0	0
4372	8/9	59° 29.97'	-152° 28.97'	29	5.0	169	6	36	4	0	0	0
4373	8/6	59° 29.63'	-152° 48.70'	27	5.0	172	7	6	1	0	0	0
4374	8/16	59° 39.79'	-152° 29.97'	44	5.0	1,313	65	282	34	0	0	0
4375	8/16	59° 50.05'	-152° 10.98'	27	5.0	623	29	395	55	0	0	0
373 Total Effective 3A Stations					Totals	217,375	11,211	82,929	10,449	1,543	1,417	1,267

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.