

2017 IPHC Fishery-Independent Setline Survey Regulatory Area 4B

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
6067	8/10	51° 11.78'	-179° 02.35'	82	5.0	0	0	0	0	0	0	20
6069	7/23	51° 31.55'	-176° 52.13'	135	5.1	372	25	48	5	5	25	51
6070	8/24	51° 29.68'	-178° 30.88'	112	5.0	832	44	75	8	20	0	0
6071	8/23	51° 30.99'	-178° 44.80'	45	5.0	210	13	100	13	0	116	0
6072	7/25	51° 41.24'	-175° 50.14'	195	5.1	279	14	0	0	5	0	5
6073	7/24	51° 40.14'	-176° 04.42'	147	5.0	470	27	8	1	0	0	0
6074	7/24	51° 40.21'	-176° 20.36'	78	4.9	82	5	62	10	0	34	5
6075	7/22	51° 39.94'	-177° 10.84'	60	5.0	67	2	15	2	0	5	0
6076	7/22	51° 40.05'	-177° 25.45'	61	5.0	137	7	39	5	0	0	0
6077	8/22	51° 39.66'	-178° 14.68'	58	5.0	506	32	223	27	5	15	0
6078	8/22	51° 38.76'	-178° 30.70'	121	5.0	801	47	162	18	20	15	0
6079	6/29	51° 50.12'	-174° 27.17'	115	5.0	357	21	247	29	0	0	0
6080	6/28	51° 50.01'	-174° 43.36'	116	5.0	276	17	107	12	0	0	0
6081	7/4	51° 50.24'	-174° 59.28'	110	4.9	706	37	124	15	0	0	0
6082	7/5	51° 50.19'	-175° 16.00'	105	5.0	296	16	51	6	0	5	0
6083	7/5	51° 50.13'	-175° 31.95'	92	5.1	578	27	238	29	0	5	0
6084	7/25	51° 49.90'	-175° 47.88'	67	5.0	26	2	120	16	0	0	0
6085	6/30	51° 59.66'	-173° 22.03'	43	5.0	275	13	139	19	0	153	0
6086	6/20	51° 59.71'	-173° 38.49'	43	4.9	680	33	149	19	0	126	0
6087	6/20	51° 59.86'	-173° 53.58'	43	5.6	930	32	256	35	0	11	0
6088	6/29	51° 59.94'	-174° 10.41'	53	5.0	11	1	122	22	0	0	0
6089	6/28	51° 59.89'	-174° 26.75'	43	5.0	174	8	148	18	0	66	0
6090	7/4	51° 58.99'	-175° 00.09'	46	5.0	56	4	77	11	0	35	0
6091	7/6	51° 59.66'	-176° 20.04'	100	5.0	361	23	77	9	0	15	0
6092	8/20	52° 01.61'	179° 27.40'	49	4.9	90	3	0	0	0	0	0
6093	7/2	52° 10.02'	-172° 48.80'	75	5.0	642	35	210	23	0	119	0
6094	6/18	52° 10.10'	-173° 05.44'	47	5.1	854	38	222	30	0	86	0
6095	6/18	52° 10.03'	-173° 20.91'	51	5.1	353	21	145	19	0	41	0
6096	6/19	52° 10.27'	-173° 53.93'	50	5.0	514	28	298	36	0	84	0
6097	6/12	52° 10.66'	-174° 42.87'	72	4.9	252	16	164	18	0	29	0
6098	6/12	52° 09.94'	-174° 59.14'	64	4.9	521	24	317	40	0	0	0
6099	6/12	52° 09.94'	-175° 14.88'	128	5.0	716	28	19	2	5	45	0
6100	6/11	52° 09.86'	-175° 47.30'	131	5.4	325	21	64	7	16	5	5
6101	8/19	52° 09.99'	179° 30.78'	120	5.0	167	3	0	0	0	0	0
6102	8/17	52° 10.32'	-179° 42.05'	151	5.0	373	8	0	0	0	0	0
6103	8/18	52° 09.93'	179° 43.39'	52	5.1	199	8	0	0	0	0	0
6104	8/17	52° 10.34'	-179° 58.03'	53	5.0	37	2	0	0	0	5	0
6105	6/14	52° 20.09'	-173° 53.08'	59	5.0	593	27	472	63	0	0	0
6106	8/17	52° 19.88'	-179° 42.31'	146	5.0	0	0	0	0	0	0	0
6107	8/16	52° 20.37'	179° 44.69'	75	5.0	59	2	0	0	0	0	0
6108	8/16	52° 20.05'	-179° 57.27'	68	5.0	0	0	0	0	0	0	0
6109	6/14	52° 28.45'	-173° 36.66'	127	4.8	233	14	36	4	19	14	0
6110	8/15	52° 30.02'	-179° 41.20'	52	5.0	90	4	0	0	0	5	0
6111	8/16	52° 29.24'	179° 44.87'	206	5.0	0	0	0	0	5	0	0
6112	7/13	52° 39.96'	-179° 25.18'	63	5.0	35	1	0	0	0	5	0
6113	8/7	51° 20.05'	179° 07.06'	50	5.0	0	0	0	0	0	5	0
6114	8/6	51° 31.12'	178° 36.76'	70	5.0	75	2	0	0	0	15	10
6115	8/6	51° 28.88'	178° 52.27'	70	5.0	90	1	0	0	0	5	5
6116	6/27	51° 39.99'	175° 38.90'	87	5.0	0	0	0	0	0	0	0
6117	8/4	51° 40.09'	178° 03.98'	156	5.0	30	1	0	0	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 4B

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
6118	8/5	51° 40.07'	178° 21.31'	71	5.0	42	2	9	1	0	0	0
6119	6/27	51° 49.99'	175° 39.03'	64	5.0	73	2	0	0	0	0	25
6120	6/28	51° 49.97'	175° 55.97'	66	5.0	0	0	0	0	0	0	0
6121	7/19	51° 50.11'	177° 33.01'	54	4.9	72	2	0	0	0	64	49
6122	7/19	51° 50.30'	177° 48.97'	58	5.0	70	2	0	0	0	0	0
6123	8/3	51° 50.00'	178° 21.16'	129	5.0	55	1	7	1	0	5	0
6124	6/28	51° 59.99'	175° 56.00'	56	5.0	420	6	0	0	0	0	50
6125	7/15	52° 00.01'	176° 44.58'	50	5.1	43	2	0	0	0	66	5
6126	7/16	51° 59.98'	177° 14.54'	52	4.9	264	6	0	0	0	127	0
6127	7/19	51° 59.67'	177° 50.03'	63	5.0	0	0	0	0	0	0	0
6128	8/3	52° 00.38'	178° 23.52'	83	5.0	425	14	0	0	0	0	0
6129	6/16	52° 10.00'	173° 46.03'	80	5.0	0	0	0	0	0	94	5
6130	6/24	52° 10.01'	175° 06.99'	93	5.0	0	0	0	0	0	0	0
6131	6/25	52° 09.99'	175° 23.07'	201	5.0	0	0	0	0	10	0	0
6132	6/16	52° 19.99'	173° 29.02'	41	5.0	83	2	27	4	0	134	0
6133	6/17	52° 17.55'	173° 45.07'	40	5.0	499	13	10	1	0	200	0
6134	6/17	52° 19.98'	174° 02.00'	77	5.0	25	1	7	1	0	131	0
6135	6/23	52° 19.99'	174° 17.95'	109	5.0	104	6	16	2	0	149	0
6137	6/15	52° 30.04'	172° 56.00'	159	5.0	13	1	7	1	0	0	0
6138	6/18	52° 30.01'	173° 11.98'	61	5.0	17	1	27	4	0	74	0
6139	6/18	52° 30.01'	173° 28.99'	84	4.9	12	1	0	0	0	29	0
6140	6/17	52° 30.00'	174° 02.05'	67	5.0	314	13	9	1	0	134	0
6141	6/23	52° 29.99'	174° 17.92'	63	5.0	49	2	0	0	0	45	0
6142	6/23	52° 30.01'	174° 33.91'	192	4.9	138	7	0	0	0	0	0
6143	6/21	52° 29.98'	174° 50.37'	144	5.0	268	11	0	0	5	0	0
6144	6/15	52° 39.97'	172° 55.00'	66	5.0	369	16	61	7	0	178	0
6145	6/18	52° 39.99'	173° 12.00'	54	5.0	52	2	46	6	0	30	0
6146	6/18	52° 39.96'	173° 28.03'	50	5.0	11	1	14	2	0	124	0
6147	6/20	52° 40.00'	173° 45.01'	56	4.9	388	17	22	3	0	20	0
6148	6/20	52° 39.99'	174° 00.98'	40	5.0	85	2	23	3	0	25	0
6150	6/13	52° 50.03'	172° 04.94'	138	5.0	490	31	78	9	10	20	40
6151	6/14	52° 50.00'	172° 21.94'	192	5.0	0	0	0	0	0	0	0
6152	6/14	52° 49.99'	172° 38.06'	55	5.0	285	10	21	3	0	84	0
6153	6/20	52° 49.99'	173° 45.00'	65	5.0	13	1	0	0	0	168	0
6154	6/12	53° 00.03'	170° 57.97'	283	5.0	0	0	0	0	0	0	0
6155	6/14	53° 00.02'	172° 20.94'	106	5.0	483	23	42	5	0	79	5
6156	6/12	53° 10.05'	170° 56.90'	65	5.0	65	2	0	0	0	0	0
6157	6/12	53° 19.99'	170° 39.03'	156	5.0	0	0	0	0	0	0	0
6234	7/24	51° 39.75'	-176° 36.52'	55	5.0	484	21	50	6	0	5	0
6235	6/29	51° 51.10'	-174° 10.95'	115	4.9	2,010	92	222	26	0	19	53
6236	6/20	51° 50.92'	-173° 54.53'	122	5.0	458	26	104	11	11	42	0
6237	6/11	52° 00.06'	-175° 47.67'	45	5.1	452	22	178	24	0	35	0
6238	6/11	52° 00.14'	-175° 31.84'	40	4.8	241	12	48	6	0	14	0
6239	6/30	52° 00.07'	-173° 06.30'	32	5.0	195	10	20	3	0	168	0
6240	6/30	51° 59.78'	-172° 49.06'	45	5.0	761	35	81	9	0	90	0
6241	7/1	52° 00.55'	-172° 32.90'	76	5.0	938	50	191	24	0	35	0
6242	7/1	52° 00.21'	-172° 16.25'	109	5.0	1,671	96	431	50	0	10	0
6243	7/1	52° 00.44'	-172° 00.24'	86	5.0	1,813	92	103	13	0	45	0
6244	6/19	52° 10.78'	-173° 37.86'	47	5.1	798	30	377	47	0	40	0
6245	7/2	52° 10.33'	-172° 33.50'	90	5.0	656	35	253	31	0	20	0

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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
6247	6/16	52° 10.18'	-172° 00.65'	144	5.0	1,760	94	230	26	0	80	0
6248	6/16	52° 20.27'	-172° 15.46'	97	5.0	1,972	98	439	50	0	85	5
6249	6/15	52° 29.01'	-172° 32.15'	161	5.0	687	36	177	20	10	0	5
6250	6/15	52° 29.56'	-172° 16.52'	103	5.0	1,139	67	189	22	0	125	0
6251	6/15	52° 36.39'	-172° 15.94'	163	4.9	2,030	87	56	6	25	10	5
6252	8/6	51° 20.87'	178° 53.23'	128	5.0	86	1	0	0	0	5	0
6253	8/7	51° 20.48'	179° 20.05'	31	5.0	102	2	10	1	0	10	0
6254	8/9	51° 22.22'	-179° 30.84'	50	5.0	241	5	0	0	0	0	35
6256	8/1	51° 30.47'	179° 07.14'	28	4.9	19	1	0	0	0	0	0
6258	7/23	51° 39.88'	-176° 51.40'	47	5.0	336	13	71	8	0	5	0
6259	8/24	51° 28.17'	-178° 13.43'	50	5.0	848	39	117	14	0	75	0
6260	8/5	51° 38.91'	178° 34.66'	37	5.0	121	6	29	3	0	15	0
6261	8/11	51° 50.16'	-178° 44.99'	58	5.0	101	6	223	28	10	5	25
6262	8/4	51° 49.91'	178° 03.56'	42	5.0	279	3	0	0	0	10	0
6263	7/15	51° 59.95'	176° 29.87'	186	5.0	0	0	0	0	0	0	25
6264	7/14	52° 10.02'	175° 56.89'	253	5.0	0	0	0	0	10	0	0
6265	7/14	52° 10.12'	176° 12.32'	60	4.9	245	8	0	0	0	240	5
6266	7/15	52° 09.32'	176° 29.45'	52	5.0	325	8	0	0	0	150	0
6267	7/13	52° 20.36'	176° 12.45'	141	5.0	82	3	0	0	0	0	20
6268	7/13	52° 19.90'	176° 28.04'	211	5.0	0	0	0	0	10	0	15
6269	8/21	51° 51.92'	179° 29.56'	46	5.0	0	0	0	0	0	0	0
6270	8/2	51° 59.97'	178° 35.83'	143	5.0	309	8	0	0	0	0	5
6271	8/18	52° 02.02'	-179° 58.01'	114	5.0	240	6	0	0	0	0	15
6272	8/19	52° 09.97'	179° 11.97'	270	5.0	0	0	0	0	0	0	0
6273	8/15	52° 29.59'	-179° 59.76'	120	5.0	594	17	0	0	0	0	10
6274	7/10	53° 59.99'	179° 45.00'	192	5.0	194	2	0	0	0	0	0
6275	7/10	54° 00.01'	-179° 58.00'	151	5.0	467	11	0	0	0	0	0
6276	7/10	54° 10.00'	179° 45.01'	159	5.0	0	0	0	0	0	0	0
6277	7/9	54° 20.01'	179° 27.97'	137	5.0	58	1	0	0	0	0	0
6278	7/9	54° 20.00'	179° 45.02'	177	5.0	0	0	0	0	10	0	0
6279	7/8	54° 40.01'	179° 11.97'	207	5.0	0	0	0	0	5	0	10
6280	7/5	54° 49.99'	178° 38.01'	165	4.9	941	18	0	0	5	0	10
6281	6/27	51° 40.02'	175° 54.98'	208	5.0	0	0	0	0	5	0	5
6282	6/16	52° 20.01'	173° 11.93'	88	5.0	0	0	0	0	0	15	0
6283	6/21	52° 39.98'	174° 34.06'	212	5.0	459	17	0	0	0	99	0
6284	6/19	52° 50.02'	173° 27.99'	46	5.0	39	2	27	3	0	40	0
6285	6/13	53° 00.05'	171° 47.57'	308	4.9	0	0	0	0	15	0	0
6286	6/19	52° 59.99'	173° 12.00'	49	5.0	59	3	30	3	0	150	0
6604	7/6	51° 49.53'	-176° 18.62'	36	5.0	933	21	20	2	0	0	0
6605	7/4	51° 59.57'	-175° 16.02'	37	5.0	391	17	80	10	0	60	0
6606	6/28	51° 59.45'	-174° 43.32'	43	5.0	627	18	81	10	0	80	0
6607	6/13	52° 10.74'	-174° 27.00'	30	4.8	688	23	11	1	0	0	0
6608	7/22	51° 40.34'	-177° 37.34'	13	5.0	261	6	20	3	0	10	0
6609	7/21	51° 51.30'	-176° 54.02'	51	5.0	206	10	26	3	0	0	0
6610	7/6	51° 59.25'	-176° 39.17'	35	5.0	0	0	45	7	0	50	0
6612	6/19	52° 59.98'	172° 55.07'	18	5.0	46	3	40	6	0	272	0
6711	7/23	51° 32.21'	-176° 36.20'	219	5.0	119	6	0	0	0	0	0
6712	7/5	51° 41.20'	-175° 32.10'	270	5.0	24	1	0	0	5	0	0
6713	6/19	52° 17.23'	-173° 38.56'	142	5.0	88	7	124	14	10	109	0
6714	6/18	52° 17.83'	-173° 21.41'	219	5.1	356	21	205	24	26	31	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
6715	7/3	52° 17.32'	-173° 05.31'	186	5.0	38	3	106	12	64	5	0
6716	7/3	52° 17.56'	-172° 48.74'	158	5.0	567	31	116	13	5	0	0
6718	8/10	51° 30.68'	-178° 59.05'	111	5.0	115	7	63	7	5	0	5
6719	8/5	51° 31.57'	178° 22.82'	286	5.0	0	0	0	0	0	0	0
6720	8/8	51° 31.67'	179° 37.91'	233	4.9	0	0	0	0	0	0	0
6721	8/8	51° 29.70'	179° 52.84'	112	4.9	0	0	0	0	0	0	0
6722	8/9	51° 38.20'	-179° 34.17'	213	5.0	76	2	0	0	0	0	5
6723	8/11	51° 38.71'	-179° 02.52'	212	5.0	191	9	10	1	5	0	0
6724	7/17	51° 41.79'	177° 00.52'	259	5.0	0	0	0	0	5	0	0
6725	8/4	51° 41.88'	177° 50.25'	234	5.0	0	0	0	0	0	0	0
6726	8/24	51° 50.43'	-178° 10.91'	74	5.1	1,560	68	27	3	0	45	56
6727	7/21	51° 49.59'	-177° 25.02'	177	4.9	1,491	55	98	11	5	10	0
6728	7/14	52° 00.17'	176° 10.02'	183	5.1	0	0	0	0	0	0	0
6729	7/16	52° 10.87'	176° 59.20'	101	5.0	14	1	0	0	0	20	15
6731	7/16	52° 07.84'	177° 20.35'	64	5.0	231	8	0	0	0	144	5
6732	8/1	51° 38.45'	178° 52.56'	93	5.0	53	1	0	0	0	10	25
6733	8/3	51° 51.41'	178° 34.66'	298	5.0	0	0	0	0	15	0	0
6734	8/2	51° 51.16'	178° 53.83'	348	5.0	0	0	0	0	10	0	0
6735	8/20	51° 51.41'	179° 09.94'	320	5.0	0	0	0	0	0	0	0
6736	8/21	51° 52.28'	179° 42.48'	52	5.0	46	3	0	0	0	0	0
6737	8/2	52° 01.38'	178° 55.69'	351	5.0	0	0	0	0	15	0	5
6738	8/20	52° 01.23'	179° 14.38'	159	5.0	97	4	0	0	0	0	0
6740	8/18	52° 18.37'	179° 27.18'	259	5.0	0	0	0	0	0	0	0
6741	7/13	52° 49.99'	-179° 41.99'	360	4.9	0	0	0	0	0	0	0
6742	7/13	53° 00.00'	-179° 42.00'	312	5.0	0	0	0	0	10	0	0
6743	7/12	53° 09.97'	-179° 41.95'	337	5.0	0	0	0	0	20	0	0
6744	7/12	53° 30.00'	-179° 57.98'	382	5.0	0	0	0	0	0	0	0
6745	7/11	53° 39.99'	-179° 58.00'	344	5.0	0	0	0	0	5	0	0
6746	7/11	53° 49.95'	179° 45.07'	385	5.0	0	0	0	0	10	0	0
6747	7/11	53° 49.97'	-179° 57.97'	252	5.0	0	0	0	0	20	0	0
6748	7/9	54° 09.97'	179° 28.05'	312	5.0	0	0	0	0	0	0	0
6749	7/8	54° 31.01'	179° 11.42'	325	5.0	0	0	0	0	10	0	0
6750	7/6	54° 39.99'	176° 17.03'	389	5.0	0	0	0	0	0	0	0
6751	7/5	54° 40.01'	178° 38.06'	396	4.9	0	0	0	0	0	0	0
6752	7/8	54° 40.05'	178° 53.23'	329	5.0	0	0	0	0	20	0	0
6753	7/6	54° 49.99'	176° 17.00'	305	4.9	0	0	0	0	15	0	0
6754	7/6	54° 49.98'	176° 33.91'	357	5.0	0	0	0	0	0	0	0
6755	7/5	54° 50.08'	178° 21.05'	384	5.0	0	0	0	0	5	0	0
6756	7/7	54° 59.41'	176° 35.86'	330	5.0	0	0	0	0	0	0	0
6757	7/7	55° 00.00'	176° 50.18'	377	5.0	0	0	0	0	0	0	0
6758	6/26	51° 50.02'	175° 22.98'	312	4.9	0	0	0	0	20	0	0
6759	6/24	52° 01.32'	174° 54.14'	276	5.0	0	0	0	0	5	0	30
6760	6/24	52° 00.05'	175° 07.01'	287	5.0	0	0	0	0	0	0	0
6761	6/26	52° 00.01'	175° 22.99'	335	5.0	0	0	0	0	10	0	0
6762	6/23	52° 20.06'	174° 32.39'	352	5.0	0	0	0	0	10	0	5
6763	6/25	52° 19.28'	175° 22.39'	226	5.0	0	0	0	0	0	0	0
6764	6/15	52° 40.01'	172° 37.99'	297	4.9	0	0	0	0	5	0	0
6765	6/13	53° 00.01'	172° 05.11'	343	5.0	0	0	0	0	10	0	0
6766	6/26	52° 00.01'	175° 39.03'	387	5.0	0	0	0	0	25	0	0
6767	6/25	52° 29.90'	175° 25.63'	197	5.0	0	0	0	0	10	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 4B

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
200 Total Effective 4B Stations					<i>Totals</i>	52,386	2,345	9,687	1,186	616	5,556	677

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.