

2013 IPHC Stock Assessment Survey

Area 4A

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
6001	8/24	52° 30.00'	-169° 41.04'	134	6.0	103	6	64	8	15	65	0
6002	8/24	52° 30.05'	-169° 57.98'	128	6.0	477	21	121	14	25	45	0
6003	8/25	52° 30.00'	-170° 46.04'	81	6.0	225	12	651	85	0	119	0
6004	6/16	52° 39.98'	-169° 09.32'	59	6.0	321	16	157	22	0	103	0
6005	6/16	52° 40.02'	-169° 24.81'	92	6.0	455	24	194	23	0	80	15
6006	8/23	52° 39.95'	-169° 44.94'	39	6.0	960	44	320	40	0	145	0
6007	8/23	52° 39.94'	-169° 58.00'	153	6.0	325	19	33	4	20	20	30
6008	8/25	52° 40.06'	-170° 47.85'	47	6.0	165	8	186	41	0	64	0
6009	9/5	52° 43.00'	-171° 22.32'	87	6.0	269	12	35	5	0	95	0
6010	6/17	52° 49.97'	-168° 36.11'	54	6.0	759	42	275	34	0	126	10
6011	6/17	52° 49.97'	-168° 51.86'	31	6.0	998	31	186	30	0	103	0
6012	9/4	52° 50.02'	-170° 15.95'	81	6.1	655	36	222	27	0	115	0
6013	9/5	52° 50.01'	-171° 21.09'	99	6.0	0	0	5	1	0	10	0
6015	6/12	53° 00.04'	-167° 29.23'	99	6.0	0	0	0	0	0	15	0
6016	6/12	53° 00.00'	-167° 45.59'	55	6.1	138	7	249	38	0	96	0
6017	6/18	53° 00.02'	-168° 02.27'	64	6.0	67	4	64	10	0	75	0
6018	6/18	52° 59.98'	-168° 19.08'	45	6.0	332	14	143	21	0	170	0
6019	9/3	52° 59.99'	-169° 09.04'	117	6.1	334	20	184	22	5	141	10
6020	9/4	53° 00.01'	-169° 59.01'	64	5.9	37	2	97	17	0	59	0
6021	9/4	53° 00.07'	-170° 12.46'	101	6.1	40	3	75	8	0	168	0
6022	6/10	53° 10.00'	-166° 56.22'	114	6.0	12	1	30	6	15	15	0
6023	6/11	53° 09.98'	-167° 11.81'	61	6.0	123	7	29	4	0	69	0
6024	6/11	53° 09.97'	-167° 28.66'	50	6.0	99	7	146	18	0	125	0
6025	6/12	53° 10.00'	-167° 45.83'	43	6.0	761	26	71	9	0	95	0
6026	6/18	53° 09.96'	-168° 02.07'	34	6.0	62	5	81	12	0	94	0
6027	6/15	53° 09.99'	-168° 51.74'	121	6.1	980	54	212	26	0	159	5
6028	9/3	53° 09.87'	-169° 42.00'	156	6.0	740	25	35	4	0	165	0
6030	6/5	53° 20.07'	-166° 22.06'	133	6.0	27	2	79	12	65	0	0
6031	6/10	53° 19.95'	-166° 37.81'	74	6.0	0	0	12	2	0	15	0
6032	6/10	53° 20.02'	-166° 54.70'	51	6.1	313	7	80	13	0	172	0
6033	6/11	53° 20.01'	-167° 11.77'	41	6.0	312	17	46	7	0	75	0
6034	6/15	53° 20.00'	-168° 36.00'	43	6.0	260	11	51	8	0	175	0
6035	6/4	53° 29.99'	-165° 48.00'	120	6.0	38	3	69	11	50	0	15
6036	6/4	53° 29.99'	-166° 03.79'	73	6.0	27	2	59	9	0	55	0
6037	6/5	53° 29.98'	-166° 21.19'	65	6.0	51	3	47	7	0	60	0
6038	6/13	53° 29.96'	-167° 28.05'	45	6.0	75	5	35	4	0	145	0
6039	6/6	53° 39.90'	-164° 38.48'	195	6.0	0	0	6	1	65	0	5
6040	6/6	53° 40.11'	-164° 55.27'	180	6.0	0	0	7	1	54	0	15
6041	6/6	53° 40.09'	-165° 13.15'	192	2.3	0	0	42	5	4	0	11
6042	6/3	53° 40.07'	-165° 30.27'	83	6.0	67	5	82	12	0	75	0
6043	6/3	53° 39.98'	-165° 46.78'	68	6.0	37	2	175	26	0	45	0
6044	6/4	53° 40.06'	-166° 04.10'	47	5.9	89	3	9	1	0	150	0
6045	6/13	53° 40.02'	-167° 11.04'	36	6.0	971	29	134	16	0	95	0
6046	6/13	53° 40.14'	-167° 27.94'	241	6.0	1,127	64	219	26	45	40	20
6047	5/31	53° 50.02'	-163° 48.28'	49	6.1	520	33	563	80	0	85	15
6048	5/31	53° 50.02'	-164° 04.92'	43	6.1	324	19	457	61	0	116	5
6049	5/31	53° 50.06'	-164° 21.59'	48	5.9	432	26	499	78	0	54	0
6050	6/1	53° 50.00'	-164° 39.09'	54	6.0	133	7	252	38	0	10	0
6051	6/1	53° 50.08'	-164° 56.00'	62	6.0	33	2	77	13	0	20	0
6052	6/1	53° 50.06'	-165° 11.71'	57	6.1	0	0	69	15	0	35	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.

2013 IPHC Stock Assessment Survey

Area 4A

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
6053	6/3	53° 50.10'	-165° 29.57'	52	6.0	36	2	81	11	0	114	0
6054	6/2	53° 50.07'	-165° 46.10'	42	6.0	111	4	44	8	0	130	0
6055	6/2	53° 50.22'	-166° 03.19'	42	6.0	115	7	311	49	0	20	0
6056	6/2	53° 49.99'	-166° 19.93'	143	5.8	118	5	61	8	0	174	0
6057	5/29	54° 00.05'	-164° 05.63'	41	6.0	325	22	364	51	0	50	0
6058	5/29	54° 00.05'	-164° 22.75'	54	5.8	60	5	112	20	0	63	0
6059	5/30	53° 59.94'	-164° 40.03'	54	5.9	107	8	261	36	0	20	0
6060	6/25	54° 00.03'	-164° 56.98'	44	6.0	68	5	93	15	0	149	0
6061	6/25	54° 00.00'	-165° 11.89'	41	6.0	519	21	457	69	0	0	0
6062	6/7	54° 00.00'	-165° 29.01'	40	6.0	110	6	62	9	0	80	0
6063	6/7	54° 00.02'	-165° 46.26'	48	6.0	930	36	339	41	0	0	0
6064	5/29	54° 10.04'	-164° 04.09'	39	6.0	11	1	80	11	0	190	0
6065	5/30	54° 10.07'	-164° 25.25'	48	6.0	63	5	190	29	0	40	0
6066	5/30	54° 08.98'	-164° 42.02'	41	5.9	138	6	55	10	0	188	0
7001	6/24	54° 30.01'	-165° 44.00'	205	6.0	75	6	878	131	0	0	0
7002	6/23	54° 30.02'	-166° 19.00'	270	6.0	832	36	63	7	5	0	0
7003	6/23	54° 30.00'	-166° 32.53'	264	6.0	513	26	10	1	20	0	0
7004	6/22	54° 29.98'	-166° 53.02'	261	5.9	144	7	0	0	50	0	10
7006	6/26	54° 40.01'	-165° 26.05'	112	6.0	0	0	140	20	0	60	0
7007	6/24	54° 40.00'	-165° 43.22'	183	6.1	215	15	479	62	0	35	0
7008	6/24	54° 40.00'	-166° 00.96'	180	6.0	220	14	721	88	5	10	0
7009	6/23	54° 39.94'	-166° 18.00'	174	6.0	228	15	135	16	0	15	0
7010	6/22	54° 39.99'	-166° 35.01'	185	6.0	741	45	174	20	5	0	5
7011	6/22	54° 40.05'	-166° 53.01'	208	6.0	983	53	78	9	0	0	0
7013	6/26	54° 50.05'	-165° 25.00'	82	5.9	63	4	123	16	0	0	0
7014	6/26	54° 50.00'	-165° 42.86'	85	6.0	36	3	273	44	0	60	0
7015	6/27	54° 49.99'	-166° 00.00'	85	6.0	184	11	111	14	0	60	0
7016	6/27	54° 50.00'	-166° 17.96'	90	6.0	179	11	15	2	0	125	0
7017	6/27	54° 50.00'	-166° 35.05'	108	6.0	224	11	33	4	0	30	0
7021	6/28	55° 00.00'	-166° 34.05'	80	6.0	249	14	34	4	0	50	0
7022	6/28	55° 00.00'	-166° 52.00'	84	6.0	261	13	22	3	0	20	0
7025	6/28	55° 10.00'	-166° 34.05'	77	6.0	417	19	47	6	0	125	0
7026	6/28	55° 10.00'	-166° 51.00'	79	6.0	288	15	74	9	0	65	0
7028	8/18	55° 09.98'	-167° 26.01'	88	6.0	315	19	146	17	0	111	0
7029	8/18	55° 09.99'	-167° 44.00'	166	6.0	370	23	126	14	0	44	0
7030	8/18	55° 20.04'	-167° 44.00'	90	6.0	181	9	112	14	0	141	0
7031	6/29	55° 19.92'	-168° 00.96'	199	6.0	869	48	78	8	0	5	0
7032	6/29	55° 30.04'	-168° 00.72'	78	6.0	161	9	57	9	0	135	0
7033	6/29	55° 30.04'	-168° 19.14'	136	6.0	59	4	35	4	0	85	0
7034	8/10	55° 40.09'	-168° 37.09'	79	6.0	0	0	9	1	0	15	0
7035	8/9	55° 50.16'	-168° 37.00'	79	6.0	151	6	17	5	0	75	0
7036	8/10	55° 50.33'	-168° 52.08'	121	6.0	54	4	28	3	0	50	0
7037	8/9	56° 00.09'	-168° 19.09'	87	6.0	0	0	12	2	0	70	0
7038	8/9	55° 59.83'	-168° 36.89'	137	6.0	374	12	6	1	0	75	0
7039	8/6	56° 00.09'	-169° 48.71'	137	6.1	16	1	22	3	0	5	0
7040	8/5	55° 59.50'	-170° 05.88'	98	6.0	86	6	76	10	0	5	0
7042	8/7	56° 09.96'	-168° 19.04'	90	6.1	133	6	128	17	0	66	0
7043	8/7	56° 10.00'	-168° 37.39'	178	6.0	547	27	15	2	0	145	10
7044	8/7	56° 10.02'	-168° 55.20'	141	6.1	77	5	38	4	0	30	0
7045	8/6	56° 09.96'	-169° 31.11'	268	6.0	37	2	19	2	35	0	5

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.

2013 IPHC Stock Assessment Survey

Area 4A

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
7046	8/5	56° 10.05'	-170° 41.94'	75	6.0	0	0	8	2	0	100	0
7049	7/5	56° 20.06'	-169° 13.00'	75	5.9	76	5	149	21	0	25	0
102 Total Effective 4A Stations					Totals	26,338	1,323	13,933	1,937	482	7,011	186

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.