

2014 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	6/8	52° 30.21'	-169° 41.41'	125	7.0	490	26	181	24	0	85	0
6002	6/7	52° 29.68'	-169° 57.89'	127	7.0	1,135	56	124	17	5	25	0
6003	6/7	52° 30.27'	-170° 46.17'	82	6.9	1,785	75	434	58	0	126	0
6004	7/28	52° 39.92'	-169° 09.00'	59	7.0	35	2	53	7	0	168	0
6005	6/9	52° 39.91'	-169° 25.05'	100	6.9	210	13	124	19	0	118	0
6006	6/7	52° 39.95'	-169° 44.98'	39	6.9	1,331	60	339	44	0	229	0
6007	6/7	52° 40.24'	-169° 57.98'	152	7.0	626	32	94	11	5	45	5
6008	6/7	52° 40.00'	-170° 48.61'	51	7.0	1,507	65	318	56	0	84	0
6009	6/5	52° 42.98'	-171° 22.30'	88	7.0	987	57	367	53	0	40	0
6010	7/27	52° 50.00'	-168° 36.05'	53	6.9	198	13	371	49	0	211	10
6011	7/28	52° 49.97'	-168° 51.00'	27	6.9	1,218	62	416	52	0	39	0
6012	6/4	52° 49.90'	-170° 16.14'	83	7.0	477	24	137	17	0	347	0
6013	6/5	52° 50.06'	-171° 21.14'	96	6.9	219	13	294	46	0	20	0
6014	6/5	52° 48.75'	-171° 34.85'	130	7.0	43	3	91	12	0	5	0
6015	7/30	53° 00.00'	-167° 29.20'	100	6.9	0	0	0	0	5	54	5
6016	7/29	53° 00.00'	-167° 46.06'	55	7.0	115	8	224	35	0	267	0
6017	7/29	53° 00.00'	-168° 02.01'	64	7.0	29	2	87	16	0	119	0
6018	7/27	53° 00.02'	-168° 17.50'	48	7.0	398	18	234	36	0	149	0
6019	6/1	53° 00.39'	-169° 08.64'	160	7.0	717	35	154	22	0	178	0
6020	6/3	52° 59.81'	-169° 59.00'	64	7.0	205	13	215	37	0	119	0
6021	6/4	52° 59.65'	-170° 13.96'	102	7.0	1,314	64	8	1	0	198	0
6022	8/6	53° 10.01'	-166° 56.80'	109	7.0	0	0	19	4	0	114	0
6023	8/5	53° 09.98'	-167° 11.89'	60	6.9	79	4	148	23	0	235	0
6024	8/5	53° 09.99'	-167° 28.52'	49	7.0	274	13	238	35	0	144	0
6025	7/30	53° 10.00'	-167° 45.94'	43	6.9	165	8	166	25	0	118	0
6026	7/29	53° 09.98'	-168° 02.00'	34	6.9	57	4	113	18	0	127	0
6027	6/1	53° 09.88'	-168° 51.51'	116	7.0	384	18	159	21	0	190	0
6028	6/3	53° 10.14'	-169° 42.80'	154	6.9	50	2	9	1	0	137	0
6029	8/9	53° 21.20'	-166° 07.58'	199	7.0	19	1	0	0	40	0	15
6030	8/8	53° 20.01'	-166° 22.16'	134	7.0	14	1	20	3	30	30	15
6031	8/6	53° 19.99'	-166° 38.12'	72	7.0	0	0	53	9	0	302	0
6032	8/6	53° 19.99'	-166° 54.55'	50	6.9	96	5	225	32	0	142	0
6033	8/5	53° 19.98'	-167° 11.91'	41	7.0	63	4	211	35	0	109	0
6034	5/31	53° 20.06'	-168° 35.99'	44	7.0	275	16	268	39	0	125	0
6035	6/12	53° 30.09'	-165° 48.01'	117	7.0	0	0	56	9	54	69	5
6036	8/9	53° 29.94'	-166° 04.00'	73	7.0	11	1	67	11	0	272	0
6037	8/8	53° 30.00'	-166° 20.68'	64	7.0	163	8	234	35	0	109	0
6038	5/30	53° 30.01'	-167° 28.18'	44	7.0	169	11	271	42	0	145	0
6039	6/10	53° 40.00'	-164° 38.14'	193	7.0	0	0	19	3	110	0	10
6040	6/10	53° 40.00'	-164° 55.02'	183	7.0	28	2	10	2	25	0	5
6041	6/11	53° 40.00'	-165° 13.20'	193	7.0	12	1	35	5	50	0	5
6042	6/12	53° 39.98'	-165° 29.92'	90	7.0	71	4	115	16	5	60	0
6043	6/12	53° 40.00'	-165° 47.05'	69	7.0	131	9	355	55	0	220	0
6044	8/9	53° 39.91'	-166° 04.19'	47	7.0	274	15	218	32	0	198	0
6045	7/31	53° 40.00'	-167° 11.00'	35	7.0	727	23	155	22	0	183	0
6046	7/31	53° 40.00'	-167° 27.61'	236	7.0	1,094	62	346	38	20	64	84
6047	6/5	53° 49.99'	-163° 48.19'	51	7.0	464	32	595	78	0	101	35
6048	6/5	53° 50.00'	-164° 04.79'	45	7.0	372	24	493	67	0	170	0
6049	6/6	53° 49.97'	-164° 22.27'	49	7.0	282	18	365	60	0	119	0
6050	6/10	53° 49.88'	-164° 39.00'	56	7.0	87	6	78	11	0	187	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 Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
6051	6/9	53° 49.97'	-164° 56.00'	63	7.0	42	3	113	17	0	30	0
6052	6/11	53° 50.00'	-165° 11.80'	58	7.0	40	3	235	36	0	130	0
6053	6/11	53° 50.00'	-165° 28.98'	51	7.0	0	0	115	20	0	220	0
6054	6/13	53° 49.78'	-165° 46.00'	43	7.0	11	1	58	10	0	210	0
6055	8/4	53° 49.98'	-166° 02.89'	41	7.0	665	37	330	47	0	74	0
6056	8/4	53° 49.98'	-166° 19.59'	139	6.9	330	16	41	5	0	206	5
6057	6/5	54° 00.19'	-164° 06.02'	43	7.0	108	5	269	43	0	175	0
6058	6/6	54° 00.01'	-164° 22.81'	57	7.0	11	1	139	25	0	325	0
6059	6/6	54° 00.01'	-164° 39.95'	55	7.0	58	4	166	24	0	65	0
6060	6/9	54° 00.00'	-164° 57.09'	44	7.0	53	3	118	24	0	85	0
6061	6/9	53° 59.98'	-165° 12.00'	42	7.0	867	43	463	62	0	160	0
6062	6/13	54° 00.01'	-165° 29.17'	42	7.0	186	8	62	9	0	280	0
6063	6/13	54° 00.00'	-165° 46.01'	48	7.0	791	39	620	87	0	65	0
6064	7/8	54° 09.98'	-164° 07.08'	39	7.0	118	8	160	24	0	195	0
6065	7/8	54° 09.93'	-164° 24.98'	49	7.0	148	11	250	37	0	35	0
6066	6/7	54° 09.97'	-164° 39.64'	42	7.0	378	21	370	53	0	110	0
6201	8/8	53° 29.86'	-166° 37.47'	44	6.9	528	26	329	50	0	25	0
6202	5/30	53° 30.29'	-167° 44.79'	40	7.0	0	0	22	3	0	129	0
6203	7/26	53° 49.98'	-167° 11.02'	45	7.0	590	30	296	41	0	173	5
6204	8/3	54° 00.33'	-166° 19.98'	52	7.0	912	32	60	7	0	129	0
6205	7/26	54° 00.10'	-166° 54.12'	45	6.9	324	15	248	36	0	83	0
6206	6/7	54° 10.21'	-164° 57.24'	27	7.0	395	20	50	6	0	149	0
6207	6/8	54° 09.95'	-165° 11.98'	35	7.0	1,263	60	407	56	0	50	0
6208	8/3	54° 09.84'	-166° 19.90'	104	7.0	155	12	185	23	0	144	0
6209	7/8	54° 20.00'	-164° 24.98'	56	7.0	68	4	137	24	0	15	0
6210	6/7	54° 20.75'	-164° 42.09'	36	7.0	147	10	412	59	0	335	0
6211	6/8	54° 18.98'	-165° 11.88'	89	7.0	146	10	299	48	0	10	0
6212	6/8	54° 19.80'	-165° 23.13'	50	7.0	336	21	343	49	0	20	0
6213	7/1	54° 20.00'	-165° 44.07'	51	7.0	228	16	464	68	0	85	0
6214	7/7	54° 29.98'	-165° 10.78'	54	7.0	707	45	956	145	0	30	0
6215	6/8	52° 09.50'	-171° 52.55'	161	7.2	892	45	106	12	5	0	51
6217	6/7	52° 19.96'	-170° 46.75'	146	7.0	294	14	47	5	10	81	0
6218	7/6	52° 20.04'	-171° 03.44'	290	7.0	0	0	0	0	5	0	5
6219	7/5	52° 22.34'	-171° 19.39'	102	7.0	169	13	436	66	0	65	0
6220	6/9	52° 20.09'	-171° 35.98'	189	7.0	1,619	62	18	2	10	0	5
6221	6/8	52° 19.91'	-171° 52.25'	163	7.0	2,050	65	21	4	10	0	0
6222	6/6	52° 30.40'	-170° 14.28'	118	7.0	567	36	481	62	10	25	0
6223	6/6	52° 29.86'	-170° 30.63'	155	7.0	367	24	180	22	15	15	0
6225	6/6	52° 29.54'	-171° 20.14'	31	7.0	2,139	83	193	27	0	10	0
6227	6/5	52° 40.55'	-170° 14.47'	96	7.0	189	12	71	8	0	218	0
6229	7/4	52° 40.98'	-171° 38.48'	154	7.0	1,093	41	25	3	25	0	10
6230	6/9	52° 39.86'	-171° 53.69'	215	7.0	2,533	78	55	6	10	0	20
6232	6/5	52° 50.16'	-170° 30.71'	144	7.0	14	1	8	1	0	228	0
6233	7/2	52° 49.87'	-171° 04.63'	172	7.0	2,031	101	273	31	0	0	0
6601	6/2	52° 50.18'	-169° 09.61'	20	7.0	1,172	47	302	44	0	170	0
6602	5/31	53° 30.24'	-168° 19.57'	42	6.8	94	2	30	5	0	243	0
6701	7/7	52° 11.37'	-171° 35.64'	301	7.0	0	0	0	0	15	0	10
6702	6/6	52° 20.57'	-170° 31.03'	289	7.0	0	0	0	0	0	0	5
6703	6/9	52° 30.18'	-169° 26.19'	344	7.0	0	0	0	0	0	0	0
6705	7/4	52° 29.80'	-171° 53.05'	292	7.0	1,393	32	9	1	25	0	0

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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
6706	7/6	52° 39.94'	-171° 03.79'	302	7.0	1,442	29	5	1	5	0	0
6708	7/2	52° 49.38'	-170° 46.98'	279	7.0	113	4	7	1	0	0	5
6710	5/31	53° 20.02'	-168° 51.85'	308	7.0	2,452	77	9	1	54	0	5
7001	7/1	54° 29.94'	-165° 44.00'	207	7.0	112	9	239	31	0	0	0
7002	7/2	54° 30.04'	-166° 19.00'	275	7.0	382	18	0	0	10	0	10
7003	6/19	54° 29.97'	-166° 36.12'	266	7.0	540	28	53	6	30	0	10
7004	6/19	54° 30.00'	-166° 53.16'	262	7.0	823	37	8	1	15	0	10
7006	7/6	54° 42.08'	-165° 26.00'	121	7.0	107	9	295	41	0	65	0
7007	7/6	54° 40.00'	-165° 43.19'	183	7.0	302	22	745	94	0	0	0
7008	7/5	54° 40.00'	-166° 01.03'	181	7.0	215	16	516	65	5	0	0
7009	7/2	54° 39.83'	-166° 18.01'	179	7.0	725	41	198	23	0	0	0
7010	6/19	54° 40.10'	-166° 34.98'	185	7.0	813	49	245	27	0	0	0
7011	6/27	54° 40.00'	-166° 53.11'	212	7.0	1,209	70	137	16	0	0	0
7012	6/20	54° 40.05'	-167° 10.01'	249	7.0	326	16	18	2	0	0	5
7013	7/6	54° 50.07'	-165° 24.99'	84	7.0	38	2	50	9	0	20	0
7014	7/5	54° 50.03'	-165° 42.99'	85	7.0	36	3	244	39	0	65	0
7015	7/5	54° 49.94'	-166° 00.02'	87	7.0	49	3	116	15	0	55	0
7016	7/4	54° 50.02'	-166° 18.00'	91	7.0	90	6	14	2	0	35	0
7017	6/27	54° 50.00'	-166° 34.94'	110	7.0	755	33	55	6	0	35	0
7018	6/27	54° 50.00'	-166° 52.02'	147	7.0	926	44	118	13	0	10	0
7019	6/21	54° 50.00'	-167° 10.00'	195	7.0	2,988	171	378	41	0	0	5
7021	7/3	54° 59.82'	-166° 34.02'	81	7.0	169	12	76	10	0	25	0
7022	6/26	54° 59.95'	-166° 52.00'	86	7.0	375	20	58	7	0	60	0
7023	6/21	55° 00.00'	-167° 09.05'	97	7.0	858	48	159	20	0	74	0
7024	6/21	55° 00.00'	-167° 27.06'	163	7.0	2,340	132	430	47	0	5	0
7025	7/3	55° 10.02'	-166° 34.00'	78	7.0	251	12	26	3	0	49	0
7026	6/26	55° 10.01'	-166° 50.91'	81	7.0	296	14	76	9	0	20	0
7027	6/26	55° 09.99'	-167° 08.84'	83	7.1	949	47	229	27	0	30	0
7028	6/22	55° 09.98'	-167° 25.91'	90	7.0	943	52	245	29	0	80	0
7029	6/22	55° 09.84'	-167° 44.00'	169	7.0	896	64	393	41	0	35	0
7030	6/23	55° 20.01'	-167° 43.95'	91	7.0	793	42	231	29	0	150	0
7031	6/23	55° 20.01'	-168° 01.25'	204	7.0	126	8	71	8	0	0	0
7032	8/12	55° 30.04'	-168° 00.25'	79	7.0	158	8	58	9	0	178	0
7033	8/12	55° 29.99'	-168° 18.23'	130	7.0	54	2	0	0	0	30	0
7034	8/18	55° 40.27'	-168° 37.16'	78	6.9	0	0	0	0	0	113	0
7035	8/17	55° 50.17'	-168° 36.35'	78	6.9	43	2	57	9	0	83	0
7036	8/18	55° 50.02'	-168° 51.47'	119	6.7	148	9	172	22	0	104	0
7037	8/17	56° 00.00'	-168° 19.36'	87	6.9	23	2	164	19	0	47	0
7038	8/17	55° 59.99'	-168° 37.20'	139	6.9	14	1	0	0	0	44	0
7039	7/20	55° 59.92'	-169° 48.01'	201	7.0	77	4	42	5	10	69	25
7040	7/21	56° 00.02'	-170° 06.00'	102	6.9	35	2	7	1	0	98	0
7042	8/16	56° 10.11'	-168° 19.07'	89	6.9	141	6	94	13	0	20	0
7043	8/16	56° 10.09'	-168° 37.01'	173	6.9	729	37	49	5	0	49	0
7044	8/16	56° 10.62'	-168° 54.70'	126	6.8	145	10	18	2	0	39	0
7045	7/20	56° 10.00'	-169° 31.13'	268	7.0	189	6	0	0	0	0	10
7046	7/6	56° 10.06'	-170° 42.02'	84	7.0	239	13	113	14	0	105	0
7049	7/23	56° 20.00'	-169° 13.05'	74	6.9	60	4	106	16	0	93	0
7201	7/7	54° 29.99'	-165° 26.74'	50	7.0	176	12	378	63	0	55	0
7202	7/7	54° 40.11'	-165° 08.29'	45	7.0	52	4	244	38	0	146	0
7203	7/4	54° 59.99'	-165° 59.88'	76	7.0	359	20	75	10	0	55	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
7204	7/4	55° 00.00'	-166° 17.98'	79	7.0	223	12	76	9	0	15	0
7205	7/3	55° 10.00'	-166° 16.55'	75	7.0	578	30	69	8	0	25	0
7206	6/25	55° 20.00'	-166° 33.83'	77	7.0	390	19	57	7	0	20	0
7207	6/25	55° 20.00'	-166° 50.98'	78	7.0	539	29	124	15	0	40	0
7208	6/24	55° 20.00'	-167° 09.02'	79	7.0	1,428	71	160	18	0	25	0
7209	6/23	55° 20.00'	-167° 25.81'	81	7.0	707	38	170	19	0	30	0
7210	6/25	55° 29.96'	-166° 51.00'	76	7.0	480	25	100	13	0	50	0
7211	6/24	55° 30.02'	-167° 09.09'	77	7.0	381	21	131	17	0	74	0
7212	6/24	55° 30.01'	-167° 26.35'	78	7.0	425	23	117	14	0	80	0
7213	8/12	55° 30.03'	-167° 43.84'	75	6.9	211	12	189	24	0	83	0
7214	8/13	55° 39.98'	-167° 08.71'	74	6.9	304	14	41	4	0	34	0
7215	8/13	55° 39.98'	-167° 25.09'	74	7.0	284	15	42	5	0	89	0
7216	8/13	55° 39.97'	-167° 43.02'	73	6.9	281	17	118	16	0	78	0
7217	8/19	55° 39.97'	-168° 01.20'	72	6.9	105	7	41	6	0	39	0
7218	8/19	55° 40.08'	-168° 19.14'	74	6.9	588	26	128	15	0	123	0
7219	8/18	55° 40.12'	-168° 51.55'	224	6.9	74	4	11	1	5	0	0
7220	8/14	55° 49.98'	-167° 43.33'	72	6.9	372	22	73	11	0	15	0
7221	8/14	55° 50.01'	-168° 01.13'	73	6.9	137	9	119	15	0	44	0
7222	8/19	55° 49.98'	-168° 19.32'	77	6.9	381	12	49	7	0	137	0
7223	8/14	55° 59.95'	-168° 01.16'	75	6.9	178	11	48	8	0	59	0
7224	7/20	56° 09.93'	-169° 47.98'	70	7.0	178	8	110	15	0	64	0
7225	7/21	56° 09.95'	-170° 06.00'	64	7.0	81	4	182	25	0	71	0
7226	7/21	56° 09.98'	-170° 24.11'	67	6.9	48	3	28	5	0	118	0
7227	7/22	56° 19.98'	-169° 49.02'	63	7.0	11	1	26	4	0	20	0
7228	7/6	56° 19.98'	-170° 23.98'	62	7.0	169	9	164	25	0	75	0
7229	7/6	56° 19.98'	-170° 59.99'	70	7.1	183	10	89	14	0	111	0
7701	7/1	54° 20.00'	-166° 01.59'	325	7.0	539	26	10	1	30	0	5
7702	6/18	54° 20.00'	-166° 35.78'	392	7.0	0	0	0	0	35	0	5
7704	7/2	54° 30.06'	-166° 01.64'	287	7.0	17	1	0	0	0	0	0
7705	6/20	54° 30.00'	-167° 27.02'	364	7.0	0	0	0	0	10	0	0
7706	6/20	54° 40.00'	-167° 27.24'	332	7.0	0	0	0	0	0	0	5
7707	6/22	55° 00.01'	-167° 44.00'	289	7.0	0	0	0	0	0	0	30
182 Total Effective 4A Stations					Totals	78,995	3,852	28,777	3,991	697	14,747	438

N.B. There are 81 new expansion stations in Area 4A. These stations are in the 6200, 6600, 6700, 7200 and 7700 series.

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.