

2011 IPHC Stock Assessment Survey Area 4A

1 of 3

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	7/21	52° 29.62'	-169° 41.00'	136	6.0	782	45	127	14	15	80	0
6002	7/22	52° 30.03'	-169° 57.99'	133	6.0	817	41	246	29	0	89	0
6003	7/24	52° 30.04'	-170° 46.18'	83	6.0	651	35	712	115	0	75	0
6004	7/8	52° 40.00'	-169° 09.21'	59	6.0	448	26	467	68	0	210	0
6005	7/21	52° 40.25'	-169° 25.03'	96	6.0	750	38	240	30	0	243	0
6006	7/21	52° 40.04'	-169° 45.03'	40	6.0	204	11	93	12	0	203	0
6007	7/22	52° 39.81'	-169° 58.05'	155	6.0	1,654	73	101	14	25	69	0
6008	7/24	52° 40.00'	-170° 47.69'	42	6.0	635	33	465	77	0	59	0
6009	7/20	52° 43.00'	-171° 22.23'	89	6.0	0	0	25	5	0	5	0
6010	7/8	52° 50.00'	-168° 36.24'	54	6.0	716	38	415	58	0	243	10
6011	7/8	52° 50.00'	-168° 52.00'	31	6.0	653	28	105	16	0	275	0
6012	7/22	52° 50.17'	-170° 16.00'	86	6.0	373	22	170	21	0	208	0
6013	7/20	52° 49.81'	-171° 21.08'	99	6.0	1,094	50	468	66	0	15	0
6014	7/20	52° 48.76'	-171° 35.01'	132	6.0	2,036	119	329	36	0	0	0
6015	7/9	53° 00.00'	-167° 29.21'	99	6.0	0	0	75	14	0	70	0
6016	7/9	53° 00.00'	-167° 46.35'	54	6.0	340	21	559	92	0	120	0
6017	7/7	53° 00.00'	-168° 02.58'	66	6.0	58	5	257	40	0	80	0
6018	7/7	53° 00.00'	-168° 16.05'	49	6.0	1,014	43	331	48	0	225	0
6019	7/18	53° 00.07'	-169° 06.99'	48	6.0	1,108	53	344	45	0	250	0
6020	7/19	52° 59.89'	-169° 58.98'	65	6.0	474	23	533	93	0	25	0
6021	7/19	52° 59.80'	-170° 15.04'	105	6.0	328	20	168	20	0	208	0
6022	7/6	53° 10.00'	-166° 56.38'	112	6.0	0	0	31	5	69	20	0
6023	7/6	53° 10.00'	-167° 11.34'	62	6.0	150	10	174	24	0	100	0
6024	7/9	53° 10.00'	-167° 28.88'	49	6.0	347	21	271	37	0	135	0
6025	7/9	53° 10.34'	-167° 45.97'	43	6.1	161	9	234	40	0	260	0
6026	7/7	53° 10.40'	-168° 02.01'	34	6.0	96	5	191	33	0	130	0
6027	7/18	53° 10.03'	-168° 52.11'	116	6.0	1,152	65	181	21	0	173	0
6028	7/19	53° 10.37'	-169° 42.12'	168	6.0	65	3	0	0	0	79	20
6029	7/5	53° 20.02'	-166° 05.00'	264	6.0	0	0	0	0	20	0	15
6030	7/5	53° 20.00'	-166° 21.97'	137	6.0	12	1	24	4	25	0	0
6031	7/5	53° 20.05'	-166° 38.10'	74	5.5	12	1	48	10	0	54	0
6032	7/6	53° 20.00'	-166° 55.19'	51	6.1	456	27	455	69	0	131	0
6033	7/6	53° 20.00'	-167° 13.34'	41	6.0	239	14	258	48	0	70	0
6034	7/18	53° 20.02'	-168° 36.03'	45	6.0	620	21	128	20	0	282	0
6035	7/10	53° 29.98'	-165° 48.98'	108	6.1	0	0	49	8	65	15	0
6036	7/10	53° 29.99'	-166° 04.03'	73	6.0	56	4	166	31	0	35	0
6037	7/10	53° 30.02'	-166° 21.23'	63	6.0	92	5	312	54	0	100	0
6038	7/17	53° 30.07'	-167° 27.97'	46	6.0	388	17	311	46	0	89	0
6039	7/11	53° 40.00'	-164° 38.39'	189	6.0	13	1	0	0	45	0	15
6040	7/12	53° 40.00'	-164° 55.05'	182	6.0	0	0	18	2	55	0	45
6041	7/12	53° 40.02'	-165° 13.12'	192	6.0	11	1	0	0	25	0	10
6042	7/12	53° 40.00'	-165° 29.99'	89	6.0	15	1	32	6	45	30	0
6043	7/13	53° 40.00'	-165° 47.08'	67	6.0	91	6	489	81	0	150	0
6044	7/13	53° 40.00'	-166° 03.52'	47	6.0	109	7	220	35	0	160	0
6045	7/17	53° 40.01'	-167° 10.79'	35	6.0	351	14	100	19	0	150	0
6046	7/17	53° 39.99'	-167° 27.86'	203	6.0	1,009	57	90	10	15	84	20
6047	6/24	53° 49.99'	-163° 47.73'	49	6.0	1,085	66	553	71	0	155	30
6048	6/24	53° 50.00'	-164° 04.91'	43	6.0	628	40	469	60	0	295	10
6049	7/11	53° 50.08'	-164° 21.75'	47	6.0	291	20	377	54	0	175	0
6050	7/11	53° 50.00'	-164° 39.19'	54	6.0	63	4	173	27	0	50	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.

**2011 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
6051	6/29	53° 49.98'	-164° 56.48'	62	6.0	127	10	345	51	0	65	0
6052	6/29	53° 50.09'	-165° 12.00'	58	6.0	91	7	367	56	0	35	0
6053	6/28	53° 50.00'	-165° 28.56'	50	6.0	180	13	412	66	0	100	0
6054	6/28	53° 50.01'	-165° 46.00'	41	6.0	72	4	235	40	0	96	0
6055	7/13	53° 48.98'	-166° 04.89'	30	6.0	0	0	66	16	0	165	0
6056	7/13	53° 49.57'	-166° 19.99'	106	6.0	143	9	178	27	0	215	5
6057	6/24	54° 00.00'	-164° 05.80'	41	6.0	438	27	482	66	0	155	0
6058	6/30	53° 59.99'	-164° 22.71'	56	6.1	82	6	370	63	0	81	0
6059	6/30	54° 00.21'	-164° 40.00'	53	6.0	148	12	810	125	0	86	0
6060	6/29	54° 00.00'	-164° 57.50'	43	6.1	207	13	312	49	0	91	0
6061	6/29	53° 59.99'	-165° 11.90'	41	6.0	1,610	85	771	101	0	98	0
6062	6/28	54° 00.00'	-165° 28.91'	40	6.0	452	25	634	95	0	54	0
6064	6/24	54° 10.00'	-164° 06.95'	38	6.0	320	20	558	80	0	190	0
6065	6/30	54° 10.21'	-164° 24.98'	48	6.0	37	3	456	80	0	84	0
6066	6/30	54° 07.67'	-164° 42.03'	41	6.0	171	12	268	44	0	119	0
7001	8/20	54° 29.88'	-165° 43.55'	200	6.0	131	11	583	77	0	0	0
7002	8/21	54° 29.96'	-166° 19.24'	271	6.1	191	9	0	0	0	0	5
7003	8/21	54° 30.01'	-166° 35.44'	264	6.0	270	14	9	1	5	0	15
7004	8/17	54° 30.04'	-166° 53.27'	261	6.1	645	29	0	0	5	0	10
7006	8/20	54° 39.95'	-165° 25.91'	110	6.1	11	1	127	19	0	59	0
7007	8/18	54° 40.05'	-165° 42.85'	181	6.1	44	4	347	45	0	0	0
7009	8/16	54° 39.96'	-166° 17.70'	175	6.1	62	4	86	11	0	0	0
7010	8/16	54° 39.94'	-166° 34.86'	185	6.0	157	8	37	5	0	0	0
7011	8/17	54° 40.04'	-166° 52.72'	206	6.0	418	24	37	4	0	0	0
7012	8/17	54° 40.05'	-167° 09.96'	247	6.0	108	4	10	1	0	0	20
7015	8/18	54° 49.98'	-166° 00.20'	85	6.0	136	5	0	0	0	15	0
7016	8/16	54° 49.98'	-166° 17.98'	90	6.0	11	1	0	0	0	20	0
7017	8/16	54° 50.08'	-166° 35.00'	108	6.1	28	1	0	0	0	30	0
7018	8/15	54° 50.06'	-166° 52.01'	143	6.0	0	0	9	1	0	0	0
7019	8/15	54° 49.98'	-167° 09.88'	193	6.0	1,257	74	220	26	0	0	0
7021	8/14	55° 00.02'	-166° 33.92'	80	6.0	11	1	0	0	0	20	0
7022	8/15	55° 00.01'	-166° 51.94'	84	6.1	0	0	0	0	0	0	0
7023	6/20	55° 00.00'	-167° 08.84'	95	6.0	574	28	69	8	0	10	0
7024	6/20	55° 00.10'	-167° 27.01'	162	6.0	879	44	114	13	0	0	0
7025	8/14	55° 10.00'	-166° 33.95'	77	6.0	34	2	0	0	0	25	0
7026	8/14	55° 10.02'	-166° 50.86'	79	6.0	44	2	0	0	0	10	0
7027	6/20	55° 10.00'	-167° 09.00'	82	6.0	577	30	21	2	0	20	0
7028	6/25	55° 09.96'	-167° 26.00'	89	6.0	492	28	39	5	0	25	0
7029	6/25	55° 10.02'	-167° 44.06'	167	6.0	286	18	76	8	0	0	0
7030	6/25	55° 20.04'	-167° 44.00'	90	6.0	313	18	71	8	0	100	0
7032	6/21	55° 30.02'	-168° 01.07'	79	6.0	484	29	108	12	0	45	0
7033	6/21	55° 30.16'	-168° 18.97'	133	6.0	13	1	8	1	0	42	0
7034	6/24	55° 40.00'	-168° 36.99'	79	6.1	0	0	30	4	0	25	0
7035	6/24	55° 50.00'	-168° 37.09'	79	6.1	346	12	25	4	0	76	0
7036	6/24	55° 50.00'	-168° 52.00'	159	6.0	613	33	142	16	15	110	0
7037	6/23	56° 00.00'	-168° 18.91'	87	6.1	25	1	78	11	0	146	0
7038	6/23	56° 00.00'	-168° 36.97'	136	6.0	174	11	169	20	0	105	0
7039	7/3	56° 00.03'	-169° 48.18'	144	6.0	153	5	18	3	0	50	0
7040	7/3	55° 59.97'	-170° 06.00'	104	6.0	352	20	109	14	0	75	0
7041	6/22	56° 10.00'	-168° 01.13'	79	6.0	79	5	45	5	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.

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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
7042	6/23	56° 10.00'	-168° 18.98'	89	6.0	157	10	59	7	0	81	0
7043	6/23	56° 10.03'	-168° 37.04'	175	6.0	365	18	53	6	0	130	35
7044	7/4	56° 10.00'	-168° 55.06'	143	6.1	357	23	76	8	0	66	0
7045	7/4	56° 10.02'	-169° 31.00'	273	6.0	1,500	59	29	3	10	0	5
7046	7/3	56° 09.98'	-170° 42.00'	82	6.0	337	18	75	11	0	40	0
7047	6/22	56° 20.00'	-168° 01.00'	77	6.0	231	15	76	10	0	50	0
7048	6/22	56° 20.05'	-168° 19.02'	85	6.0	253	13	106	14	0	15	0
7049	7/4	56° 20.02'	-169° 13.00'	75	6.0	62	3	56	8	0	20	0
108 Total Effective 4A Stations					Totals	37,906	2,026	20,964	3,078	439	8,753	270

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