

# 2003 IPHC Stock Assessment Survey

## Area 4A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set <sup>1</sup>	Legal Halibut		Sublegal Halibut		Bycatch (numbers) <sup>3</sup>		
						Lbs. <sup>2</sup>	#'s	Lbs. <sup>2</sup>	#'s	Sablefish	P. Cod	Rockfish
6001	7/23	52° 30.02'	169° 41.25'	132	7.9	2,001	81	145	17	23	202	0
6002	7/23	52° 29.97'	169° 58.04'	130	7.8	5,070	164	162	19	0	78	0
6005	7/24	52° 39.83'	169° 25.00'	108	7.0	3,024	109	138	19	0	86	17
6006	7/24	52° 39.83'	169° 45.03'	38	7.9	3,284	121	417	52	0	85	0
6007	7/23	52° 40.00'	169° 58.19'	163	7.9	3,363	97	46	6	8	125	16
6008	7/16	52° 40.01'	170° 48.27'	47	7.6	2,001	54	479	74	0	91	0
6009	7/22	52° 43.03'	171° 22.46'	88	7.9	2,599	141	340	42	0	0	0
6010	7/17	52° 50.02'	168° 36.09'	53	8.0	1,778	84	472	62	0	166	24
6011	7/17	52° 49.98'	168° 52.21'	29	7.9	1,811	37	203	27	0	78	0
6013	7/22	52° 50.00'	171° 21.09'	98	8.0	3,202	128	210	28	0	0	0
6014	7/22	52° 49.01'	171° 34.97'	133	7.9	8,529	320	67	7	0	8	0
6015	7/25	53° 00.00'	167° 29.48'	97	8.0	389	26	305	44	8	301	0
6016	7/19	53° 00.00'	167° 46.09'	55	8.0	1,252	73	435	61	0	227	0
6017	7/18	52° 59.99'	168° 02.15'	64	7.9	674	44	548	72	0	140	0
6018	7/18	53° 00.00'	168° 18.79'	48	8.0	3,602	106	308	44	0	182	0
6019	7/13	53° 00.00'	169° 08.83'	122	6.7	1,861	75	200	24	25	108	17
6020	7/14	53° 00.01'	169° 59.34'	63	7.9	1,557	63	287	39	0	0	0
6022	7/26	53° 09.96'	166° 56.00'	113	8.0	464	32	212	29	32	135	0
6023	7/26	53° 09.92'	167° 12.01'	59	7.9	1,327	67	461	60	0	55	0
6024	7/25	53° 09.99'	167° 29.16'	48	7.8	1,024	55	889	119	0	92	0
6025	7/25	53° 09.90'	167° 45.98'	42	7.9	1,020	48	586	78	0	274	0
6026	7/19	53° 10.16'	168° 01.99'	33	8.0	297	10	274	36	0	24	0
6027	7/13	53° 10.02'	168° 51.80'	113	8.0	4,730	164	139	17	0	136	8
6028	7/14	53° 09.99'	169° 43.16'	158	7.9	6,903	169	9	1	0	29	0
6029	7/28	53° 20.01'	166° 05.02'	261	7.9	0	0	0	0	63	0	8
6030	7/27	53° 19.98'	166° 22.14'	136	7.9	350	24	214	25	54	8	0
6031	7/27	53° 19.98'	166° 38.04'	72	8.0	390	24	194	28	24	166	0
6032	7/27	53° 19.98'	166° 54.86'	50	7.8	1,210	79	600	78	0	155	0
6033	7/26	53° 20.06'	167° 11.98'	39	7.9	1,269	62	620	90	0	8	0
6034	7/13	53° 20.02'	168° 36.03'	44	7.9	3,908	112	162	21	0	196	0
6035	7/29	53° 30.16'	165° 48.00'	113	7.9	336	19	68	8	133	78	0
6036	7/28	53° 30.00'	166° 04.00'	73	8.0	792	50	430	59	0	261	0
6037	7/28	53° 30.06'	166° 20.96'	63	7.9	1,240	64	514	75	0	133	0
6038	7/12	53° 30.13'	167° 28.02'	43	8.0	992	30	128	21	0	63	0
6039	8/1	53° 39.98'	164° 37.87'	195	7.9	12	1	0	0	55	0	16
6040	8/1	53° 39.98'	164° 54.95'	182	7.9	40	2	0	0	39	0	16
6041	7/31	53° 40.20'	165° 13.00'	192	7.9	37	3	0	0	71	0	24
6042	7/31	53° 40.19'	165° 30.01'	85	7.9	595	35	193	29	24	63	0
6043	7/29	53° 40.02'	165° 46.99'	68	7.9	1,145	77	483	63	0	39	0
6044	7/29	53° 40.00'	166° 03.76'	46	7.9	1,661	78	867	113	0	0	0
6045	7/12	53° 40.01'	167° 11.07'	36	8.0	1,166	38	160	22	0	216	0
6046	7/12	53° 39.50'	167° 27.80'	189	7.9	2,454	92	106	13	63	125	16
6047	8/3	53° 50.00'	163° 47.96'	49	7.9	2,101	89	422	53	0	227	31
6048	8/3	53° 50.00'	164° 04.99'	43	7.9	1,109	53	373	46	0	400	24
6049	8/2	53° 50.01'	164° 21.98'	46	7.7	1,326	75	487	61	0	269	0
6050	8/1	53° 50.00'	164° 39.00'	53	8.0	849	51	528	73	0	119	0
6051	8/5	53° 50.01'	164° 55.95'	61	7.8	153	10	98	14	54	85	0
6052	7/31	53° 50.03'	165° 12.00'	58	7.9	787	58	737	100	8	94	0
6053	8/6	53° 50.01'	165° 29.05'	50	7.9	266	18	299	44	0	235	0
6054	8/7	53° 50.02'	165° 45.84'	40	7.9	0	0	147	28	0	63	0

<sup>1</sup> Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

<sup>2</sup> Weights are calculated from length-weight tables.

<sup>3</sup> Bycatch numbers extrapolated from 20% subsample.

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## Area 4A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set <sup>1</sup>	Legal Halibut		Sublegal Halibut		Bycatch (numbers) <sup>3</sup>		
						Lbs. <sup>2</sup>	#'s	Lbs. <sup>2</sup>	#'s	Sablefish	P. Cod	Rockfish
6055	8/7	53° 49.98'	166° 01.83'	43	8.0	1,082	57	834	116	0	103	0
6057	8/3	54° 00.06'	164° 06.00'	40	7.9	543	24	419	63	0	141	0
6058	8/2	54° 00.21'	164° 23.00'	55	8.0	275	20	642	92	0	214	0
6059	8/2	54° 00.16'	164° 39.98'	53	7.9	1,542	100	766	96	0	118	0
6060	8/5	54° 00.00'	164° 57.13'	42	7.8	104	8	437	62	0	155	0
6061	8/5	54° 00.12'	165° 11.98'	41	8.0	1,168	60	674	82	0	246	0
6062	8/6	54° 00.02'	165° 29.03'	39	7.9	506	35	633	79	0	282	0
6063	8/6	54° 00.00'	165° 46.03'	48	7.8	1,335	74	938	121	0	109	0
6064	8/4	54° 10.00'	164° 06.90'	38	8.0	107	6	99	17	0	158	0
6065	8/4	54° 10.00'	164° 25.02'	48	7.9	159	9	240	40	0	0	0
6066	8/4	54° 10.00'	164° 41.17'	38	7.9	3,460	145	759	103	0	0	0
7001	7/29	54° 30.62'	165° 43.85'	207	8.0	107	7	77	13	40	0	0
7002	7/26	54° 30.81'	166° 18.62'	263	8.0	1,103	37	0	0	8	0	0
7003	7/26	54° 30.56'	166° 35.72'	257	8.0	1,040	36	0	0	0	32	0
7004	7/24	54° 30.48'	166° 53.00'	256	8.0	1,260	49	0	0	8	0	0
7006	7/28	54° 40.33'	165° 26.58'	116	8.0	141	9	87	15	48	79	0
7007	7/29	54° 39.48'	165° 42.84'	184	8.0	49	2	12	2	8	24	0
7008	7/27	54° 40.42'	166° 00.92'	174	8.0	431	27	61	7	0	16	0
7010	7/25	54° 40.81'	166° 34.80'	178	8.0	1,521	72	0	0	0	16	0
7011	7/24	54° 39.57'	166° 53.12'	209	8.0	1,668	64	21	2	16	0	0
7012	7/24	54° 39.77'	167° 10.32'	249	8.0	822	29	0	0	0	0	0
7013	7/28	54° 50.17'	165° 25.50'	82	8.0	60	5	56	8	8	72	0
7014	7/28	54° 49.94'	165° 42.84'	84	8.0	54	4	46	5	0	112	0
7015	7/27	54° 49.99'	166° 00.81'	85	8.0	95	4	18	2	0	104	0
7016	7/27	54° 50.07'	166° 16.95'	89	8.0	303	9	0	0	0	40	0
7017	7/25	54° 49.50'	166° 34.73'	112	8.0	106	5	0	0	0	0	0
7018	7/25	54° 49.53'	166° 51.71'	146	8.0	772	41	9	1	0	56	0
7019	7/23	54° 50.38'	167° 09.87'	193	8.0	980	46	19	2	8	0	0
7021	7/22	55° 00.53'	166° 34.22'	79	8.0	218	9	25	3	0	72	0
7022	7/23	55° 00.30'	166° 52.51'	84	8.0	417	19	0	0	0	40	0
7023	7/23	55° 00.05'	167° 08.59'	94	8.0	662	28	0	0	16	103	0
7024	6/10	54° 59.48'	167° 27.08'	167	8.0	1,295	67	64	7	24	111	0
7025	7/22	55° 09.93'	166° 34.55'	76	8.0	401	16	37	4	0	120	0
7026	7/22	55° 10.15'	166° 50.91'	78	8.0	475	22	20	2	0	64	0
7027	6/10	55° 10.19'	167° 09.05'	81	8.0	1,015	39	47	5	0	112	0
7028	6/10	55° 10.05'	167° 25.90'	88	8.0	1,458	65	109	12	0	119	0
7029	6/9	55° 10.04'	167° 44.12'	166	8.0	481	23	8	1	0	190	0
7030	6/9	55° 20.15'	167° 44.00'	89	8.0	403	20	118	14	8	111	0
7031	6/9	55° 20.18'	168° 01.01'	196	8.0	1,349	77	161	18	0	48	0
7032	6/8	55° 30.25'	168° 01.16'	78	8.0	446	22	242	32	0	238	0
7033	6/8	55° 29.87'	168° 19.18'	140	8.0	285	11	18	2	0	71	0
7034	6/8	55° 40.13'	168° 36.89'	78	8.0	104	5	43	5	0	174	0
7035	6/7	55° 50.05'	168° 37.39'	78	8.0	2,813	82	145	18	0	71	0
7036	6/7	55° 50.09'	168° 51.89'	155	8.0	681	36	145	18	69	79	0
7037	6/6	56° 00.07'	168° 19.05'	86	8.0	108	4	161	22	0	71	0
7038	6/7	56° 00.05'	168° 36.98'	143	8.0	144	6	53	6	0	111	0
7039	6/3	56° 00.06'	169° 47.97'	138	8.0	182	9	32	4	0	71	0
7040	6/3	56° 00.05'	170° 06.67'	102	8.0	499	24	136	18	0	127	0
7041	6/5	56° 10.19'	168° 01.02'	78	7.9	212	10	27	3	0	78	0
7042	6/6	56° 09.95'	168° 18.93'	88	8.0	260	13	126	17	0	71	0

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						Lbs. <sup>2</sup>	#'s	Lbs. <sup>2</sup>	#'s	Sablefish	P. Cod	Rockfish
7043	6/6	56° 09.97'	168° 36.56'	172	8.0	1,432	54	8	1	24	168	0
7044	6/4	56° 10.13'	168° 54.80'	137	8.0	259	10	26	3	0	135	0
7045	6/4	56° 10.11'	169° 30.87'	265	7.9	5,726	168	0	0	39	0	0
7046	6/3	56° 10.04'	170° 42.08'	82	7.9	887	30	66	8	0	157	0
7047	6/5	56° 20.01'	168° 01.15'	77	8.0	198	11	40	6	0	104	0
7048	6/5	56° 20.15'	168° 18.84'	84	8.0	241	9	26	4	0	80	0
7049	6/4	56° 19.75'	169° 12.98'	73	8.0	94	3	45	6	0	95	0
<b>107</b>	<b>Stations</b>				<b>Totals</b>	<b>129,492</b>	<b>5,288</b>	<b>23,942</b>	<b>3,208</b>	<b>1,005</b>	<b>10,694</b>	<b>214</b>

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