

# 2005 IPHC Stock Assessment Survey

## Area 4A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled <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
6002	7/17	52° 29.96'	169° 58.21'	129	7.0	194	5	51	6	0	90	0
6003	7/16	52° 29.99'	170° 46.03'	93	7.0	2,575	110	456	55	0	70	0
6004	7/13	52° 40.02'	169° 09.01'	59	7.0	2,073	98	338	41	0	140	5
6005	7/13	52° 40.03'	169° 24.95'	94	7.0	1,413	70	275	32	0	215	0
6006	7/13	52° 40.02'	169° 45.24'	40	7.0	1,879	90	606	82	0	170	0
6007	7/17	52° 39.89'	169° 58.02'	154	7.0	2,425	79	47	6	5	84	45
6008	7/16	52° 40.21'	170° 48.03'	46	6.9	677	31	393	64	0	29	0
6009	7/15	52° 43.00'	171° 21.90'	92	7.0	1,993	112	503	62	0	0	0
6010	7/5	52° 49.81'	168° 36.08'	56	7.0	1,934	103	573	76	0	228	5
6011	7/5	52° 49.84'	168° 52.05'	27	7.0	3,085	146	373	48	0	230	0
6012	7/14	52° 50.00'	170° 16.02'	87	6.9	2,714	142	404	46	0	309	0
6013	7/15	52° 50.00'	171° 20.88'	98	7.0	2,269	98	191	27	0	0	0
6014	7/15	52° 48.97'	171° 35.02'	131	7.0	3,556	163	70	11	0	0	0
6015	7/7	53° 00.00'	167° 28.98'	106	7.0	170	9	213	30	64	218	0
6016	7/7	52° 59.88'	167° 46.05'	62	7.0	338	21	608	84	0	285	0
6017	7/6	53° 00.09'	168° 02.18'	64	7.0	219	17	584	83	0	135	0
6018	7/6	53° 00.23'	168° 17.19'	54	7.0	785	37	410	58	0	282	0
6019	7/18	52° 59.99'	169° 09.00'	128	7.0	1,446	57	119	15	5	139	0
6020	7/14	53° 00.00'	169° 59.20'	64	7.0	1,332	37	288	39	0	45	0
6021	7/14	53° 00.01'	170° 15.04'	102	7.0	1,752	47	6	1	0	145	0
6022	7/8	53° 10.16'	166° 56.55'	106	7.0	129	9	239	35	79	30	0
6023	7/8	53° 09.86'	167° 12.16'	61	7.0	587	34	427	55	0	228	0
6024	7/7	53° 10.07'	167° 28.89'	49	7.0	547	41	764	106	0	220	0
6025	7/7	53° 09.98'	167° 45.98'	44	7.0	960	54	544	74	0	168	0
6026	7/6	53° 10.10'	168° 02.08'	33	7.0	115	8	306	49	0	277	0
6027	7/4	53° 10.00'	168° 52.10'	114	7.0	3,812	156	195	24	0	149	0
6028	7/18	53° 10.00'	169° 42.05'	156	7.0	382	15	8	1	0	25	15
6029	7/10	53° 20.11'	166° 04.79'	259	7.0	0	0	0	0	45	0	10
6030	7/9	53° 20.14'	166° 22.01'	132	7.0	220	15	126	16	55	10	0
6031	7/9	53° 19.92'	166° 38.12'	72	7.0	435	30	358	43	25	140	0
6032	7/9	53° 20.34'	166° 55.02'	51	7.0	986	55	672	85	0	75	0
6033	7/8	53° 20.12'	167° 12.03'	39	7.0	578	24	411	63	0	30	0
6034	7/4	53° 20.02'	168° 35.86'	43	7.0	1,714	65	344	52	0	69	0
6035	7/10	53° 30.05'	165° 48.20'	110	7.0	156	12	126	16	145	20	0
6036	7/10	53° 30.04'	166° 03.96'	73	7.0	453	31	345	46	0	240	0
6037	7/10	53° 30.04'	166° 20.80'	64	7.0	731	44	665	89	0	55	0
6039	6/28	53° 40.16'	164° 38.03'	185	6.2	283	19	44	5	120	0	9
6040	6/27	53° 40.01'	164° 55.27'	182	7.0	186	11	35	4	65	0	10
6041	6/27	53° 39.97'	165° 12.99'	196	7.0	173	11	17	2	119	0	10
6042	6/26	53° 40.37'	165° 30.15'	82	7.0	255	17	305	39	45	119	0
6043	7/23	53° 40.00'	165° 47.01'	68	7.0	917	60	872	114	0	90	0
6044	7/23	53° 40.05'	166° 04.00'	46	7.0	898	54	962	130	0	10	0
6047	6/29	53° 50.10'	163° 48.04'	48	7.0	3,101	159	467	53	0	205	10
6048	6/29	53° 50.07'	164° 05.25'	42	7.0	2,128	111	323	41	0	310	5
6049	6/28	53° 50.28'	164° 21.98'	48	6.5	1,534	95	531	70	0	129	0
6050	6/28	53° 50.03'	164° 38.98'	54	7.0	597	42	543	69	0	252	0
6051	6/27	53° 50.00'	164° 56.05'	62	7.0	414	26	261	36	0	160	0
6052	6/26	53° 49.91'	165° 12.09'	60	7.0	511	36	960	140	10	45	0
6053	6/26	53° 50.09'	165° 29.10'	52	7.0	374	26	981	147	0	90	0
6054	7/23	53° 50.08'	165° 46.00'	41	7.0	128	9	543	87	0	30	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.

# 2005 IPHC Stock Assessment Survey

## Area 4A

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled <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	7/24	53° 50.01'	166° 02.98'	40	7.0	777	42	584	92	0	5	0
6056	7/24	53° 50.02'	166° 19.95'	124	7.0	204	9	38	5	0	75	0
6057	6/29	54° 00.04'	164° 06.30'	41	7.0	803	52	504	69	0	100	0
6058	6/30	54° 00.08'	164° 23.27'	55	7.0	316	23	650	89	0	54	0
6059	7/1	54° 00.00'	164° 40.18'	53	7.0	1,390	101	1,113	145	0	10	0
6060	7/1	54° 00.39'	164° 57.03'	43	7.0	589	35	797	121	0	69	0
6061	7/22	54° 00.02'	165° 12.14'	41	7.0	1,083	54	239	26	0	173	0
6062	7/22	53° 59.99'	165° 28.93'	40	7.0	908	55	490	62	0	243	0
6063	7/22	53° 59.98'	165° 48.03'	39	7.0	1,993	86	425	62	0	5	0
6064	6/30	54° 10.05'	164° 06.99'	38	7.0	513	29	368	50	0	141	0
6065	6/30	54° 09.77'	164° 25.02'	47	7.0	998	66	692	103	0	20	0
6066	7/1	54° 09.47'	164° 40.77'	39	7.0	1,118	58	421	68	0	50	0
7001	8/24	54° 30.06'	165° 44.03'	206	7.0	84	6	504	69	10	0	0
7002	8/20	54° 30.00'	166° 18.95'	269	7.0	472	15	0	0	30	0	5
7003	8/20	54° 29.97'	166° 35.94'	263	7.0	526	15	0	0	55	0	5
7004	8/20	54° 29.79'	166° 52.87'	261	7.0	428	14	0	0	15	0	5
7006	8/24	54° 39.95'	165° 25.98'	108	6.5	61	2	282	47	0	42	0
7007	8/24	54° 39.83'	165° 42.91'	182	7.0	55	3	7	1	10	0	0
7008	8/22	54° 40.23'	166° 00.92'	177	7.0	77	4	0	0	5	0	0
7009	8/22	54° 39.58'	166° 17.99'	172	7.1	160	6	7	1	0	10	0
7010	8/21	54° 40.09'	166° 35.00'	183	7.0	403	20	5	1	10	5	0
7011	7/14	54° 40.05'	166° 53.14'	207	7.0	1,518	58	0	0	5	0	0
7012	7/14	54° 40.00'	167° 10.02'	246	7.0	416	12	0	0	5	0	10
7013	8/23	54° 50.11'	165° 25.30'	83	6.9	11	1	161	34	0	25	0
7014	8/23	54° 50.17'	165° 43.02'	83	7.0	43	3	251	43	5	76	0
7015	8/22	54° 49.95'	166° 00.04'	85	7.0	168	6	127	19	0	0	0
7016	8/21	54° 50.01'	166° 18.00'	90	7.0	141	4	21	3	0	29	0
7017	8/21	54° 50.08'	166° 34.92'	107	7.0	39	2	0	0	0	0	0
7018	7/13	54° 49.91'	166° 52.12'	144	7.0	390	16	10	1	0	5	0
7019	7/14	54° 50.00'	167° 10.06'	192	7.1	1,188	46	8	1	0	0	0
7021	7/13	54° 59.97'	166° 34.12'	79	7.0	216	9	9	1	0	35	0
7022	7/12	55° 00.00'	166° 51.97'	83	7.1	438	17	0	0	0	0	0
7023	7/8	55° 00.16'	167° 09.05'	94	7.0	217	11	24	3	0	5	0
7024	7/8	55° 00.05'	167° 27.02'	160	7.1	489	18	9	1	0	20	0
7025	7/13	55° 09.92'	166° 34.23'	77	7.1	133	7	0	0	0	25	0
7026	7/12	55° 09.98'	166° 51.09'	78	7.0	252	11	0	0	0	40	0
7027	7/12	55° 10.00'	167° 09.11'	82	7.1	843	33	26	3	0	30	0
7028	7/8	55° 10.03'	167° 26.03'	88	7.1	478	19	29	4	0	31	0
7029	7/7	55° 10.10'	167° 44.06'	164	7.0	465	20	21	3	0	46	0
7030	7/7	55° 20.04'	167° 44.05'	88	7.1	101	6	0	0	0	40	0
7031	7/7	55° 20.06'	168° 00.95'	196	7.0	424	20	9	1	0	15	5
7032	7/6	55° 30.05'	168° 00.98'	78	7.0	202	9	49	6	0	70	0
7033	7/6	55° 30.09'	168° 18.99'	133	7.1	138	5	0	0	0	86	0
7034	7/6	55° 40.09'	168° 36.93'	78	7.1	18	1	0	0	0	224	0
7035	7/5	55° 50.01'	168° 37.02'	78	7.1	643	19	38	5	0	91	0
7036	7/5	55° 49.99'	168° 52.05'	158	7.0	395	16	26	3	0	70	0
7037	7/4	56° 00.02'	168° 19.01'	85	7.1	57	4	133	20	0	60	0
7038	7/5	56° 00.03'	168° 36.99'	140	7.0	17	1	0	0	0	70	0
7039	7/1	56° 00.20'	169° 48.45'	139	7.0	193	8	0	0	0	30	35
7040	7/1	56° 00.11'	170° 06.15'	94	7.1	470	17	15	2	0	32	0

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

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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Hauled <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
7041	7/4	56° 10.00'	168° 00.99'	78	7.0	15	1	7	1	0	130	0
7042	7/3	56° 10.00'	168° 19.00'	89	7.1	122	5	53	8	0	76	0
7043	7/3	56° 10.07'	168° 37.04'	172	7.1	125	6	19	2	5	116	5
7044	7/2	56° 09.96'	168° 55.02'	149	7.1	186	7	0	0	0	71	0
7045	7/2	56° 10.00'	169° 30.99'	269	7.1	1,555	37	0	0	30	0	10
7046	7/1	56° 10.15'	170° 42.05'	75	7.1	11	1	9	1	0	56	0
7047	7/4	56° 19.97'	168° 02.51'	77	7.1	62	1	13	2	0	71	0
7048	7/3	56° 20.00'	168° 18.97'	84	7.0	43	1	35	7	0	50	0
7049	7/2	56° 19.95'	169° 12.91'	73	7.1	24	1	16	2	0	45	0
<b>109 Total Effective 4A Stations</b>					<b>Totals</b>	<b>81,333</b>	<b>3,895</b>	<b>27,127</b>	<b>3,744</b>	<b>966</b>	<b>8,759</b>	<b>203</b>

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