

# 2002 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	8/10	52° 30.11'	169° 40.81'	129	5.0	1,027	35	0	0	49	83	0
6002	8/9	52° 29.80'	169° 57.75'	133	4.9	1,535	46	57	9	10	0	0
6003	8/1	52° 29.58'	170° 45.79'	84	5.0	1,236	55	685	84	0	25	0
6004	8/10	52° 39.85'	169° 09.00'	60	5.0	2,895	102	168	25	0	25	15
6005	8/10	52° 39.80'	169° 24.80'	102	5.0	3,512	97	3	1	0	74	15
6006	8/10	52° 39.86'	169° 44.81'	40	5.0	4,117	136	591	72	0	59	0
6007	8/9	52° 40.02'	169° 57.76'	164	5.0	2,259	57	7	1	30	5	0
6008	8/1	52° 40.02'	170° 48.01'	51	5.0	412	20	526	94	0	40	0
6009	7/31	52° 42.80'	171° 21.82'	89	5.0	3,058	155	365	44	0	0	0
6010	8/8	52° 49.80'	168° 35.92'	54	4.9	2,086	107	472	58	0	10	5
6011	8/8	52° 49.58'	168° 51.90'	30	4.9	2,039	79	504	64	0	0	0
6012	8/3	52° 50.01'	170° 15.79'	87	4.9	2,808	119	66	7	0	181	0
6013	7/31	52° 49.80'	171° 20.79'	101	5.0	2,475	106	259	32	0	0	0
6014	7/31	52° 48.79'	171° 34.90'	137	5.0	4,847	177	109	12	0	0	0
6015	8/13	52° 59.81'	167° 28.54'	102	4.9	32	1	45	7	20	10	0
6016	8/13	52° 59.80'	167° 46.10'	55	4.9	1,062	67	303	40	0	165	0
6017	8/11	52° 59.80'	168° 01.80'	66	4.9	419	26	411	60	0	49	0
6018	8/8	52° 59.81'	168° 18.69'	45	4.9	862	47	468	64	0	155	0
6019	8/4	52° 59.80'	169° 08.79'	122	5.0	1,830	62	92	11	55	125	15
6020	8/3	52° 59.59'	169° 58.83'	65	4.9	2,839	109	659	88	0	0	0
6021	8/3	53° 00.06'	170° 14.76'	106	5.0	5,386	183	10	1	0	10	0
6022	8/20	53° 09.73'	166° 56.02'	118	5.0	161	11	153	21	29	0	0
6023	8/15	53° 09.79'	167° 11.82'	62	4.9	479	31	304	42	0	167	0
6024	8/15	53° 10.01'	167° 28.91'	51	5.0	359	21	534	79	0	25	0
6025	8/13	53° 09.83'	167° 45.80'	44	5.0	1,359	65	340	45	0	30	0
6026	8/11	53° 09.76'	168° 01.78'	35	5.0	348	16	289	45	0	57	0
6027	8/5	53° 10.13'	168° 51.58'	135	5.0	1,970	72	17	2	25	125	0
6028	8/4	53° 09.79'	169° 41.87'	167	4.9	1,583	51	0	0	25	59	35
6029	8/19	53° 19.77'	166° 04.58'	276	4.9	0	0	0	0	113	0	15
6030	8/19	53° 19.80'	166° 21.46'	139	5.0	448	34	164	19	59	0	0
6031	8/20	53° 19.80'	166° 38.15'	76	4.9	43	3	9	1	59	44	0
6032	8/20	53° 19.81'	166° 54.79'	51	4.9	996	64	570	73	0	113	0
6033	8/15	53° 19.80'	167° 11.80'	42	4.9	161	10	501	79	0	15	0
6034	8/5	53° 19.81'	168° 35.79'	47	5.0	399	12	155	21	0	213	0
6035	8/22	53° 30.02'	165° 47.78'	117	5.0	299	20	53	6	35	0	0
6036	8/19	53° 29.74'	166° 03.80'	75	5.0	41	3	52	7	0	165	0
6037	8/19	53° 29.80'	166° 20.80'	66	4.9	420	29	240	35	0	58	0
6038	8/12	53° 29.81'	167° 27.79'	46	5.0	427	14	152	25	0	64	0
6039	8/27	53° 40.02'	164° 37.92'	193	5.0	0	0	0	0	54	0	10
6040	8/27	53° 39.81'	164° 54.94'	185	5.0	0	0	0	0	65	10	5
6041	8/27	53° 39.80'	165° 13.21'	197	5.0	78	5	0	0	64	0	20
6042	8/22	53° 39.81'	165° 29.77'	90	4.9	526	34	71	11	29	44	0
6043	8/22	53° 40.03'	165° 47.20'	70	5.0	978	65	529	73	0	79	0
6044	8/18	53° 39.78'	166° 03.79'	49	4.9	791	43	610	86	0	0	0
6045	8/12	53° 39.80'	167° 10.59'	34	5.0	2,030	56	199	26	0	0	0
6046	8/12	53° 39.59'	167° 27.90'	234	5.0	2,124	63	9	1	30	20	15
6047	8/26	53° 49.77'	163° 47.78'	50	4.9	1,125	54	305	43	0	147	20
6048	8/26	53° 49.80'	164° 04.89'	44	4.9	1,214	56	236	30	0	172	5
6049	8/24	53° 49.74'	164° 21.80'	48	5.0	919	56	414	60	0	107	0
6050	8/24	53° 49.80'	164° 38.78'	56	4.9	139	10	152	23	0	39	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
6051	8/23	53° 49.79'	164° 55.81'	63	5.0	152	10	226	38	0	35	0
6052	8/23	53° 49.80'	165° 11.75'	59	5.0	187	14	187	26	20	30	0
6053	8/21	53° 50.03'	165° 28.64'	50	5.0	169	11	366	61	0	94	0
6054	8/21	53° 49.80'	165° 45.81'	43	5.0	26	2	97	19	0	40	0
6055	8/18	53° 49.73'	166° 02.78'	44	4.9	253	16	723	108	0	5	0
6057	8/26	53° 59.80'	164° 06.03'	42	4.9	174	9	240	37	0	116	0
6058	8/24	53° 59.81'	164° 22.75'	57	4.9	417	26	273	42	0	68	0
6059	8/24	53° 59.81'	164° 39.83'	55	5.0	381	24	364	53	0	30	0
6060	8/23	53° 59.79'	164° 56.78'	44	5.0	28	1	182	37	0	89	0
6061	8/23	53° 59.81'	165° 11.76'	42	5.0	856	50	753	102	0	10	0
6062	8/21	54° 00.02'	165° 28.37'	41	5.0	175	13	240	34	0	74	5
6064	8/25	54° 10.01'	164° 06.71'	38	5.0	83	5	89	13	0	42	0
6065	8/25	54° 09.80'	164° 24.74'	50	5.0	83	6	172	29	0	0	0
6066	8/25	54° 09.79'	164° 43.63'	38	4.9	314	11	108	17	0	152	0
7001	7/28	54° 30.07'	165° 43.90'	205	5.0	91	6	33	4	0	0	0
7002	7/25	54° 29.98'	166° 18.91'	268	5.1	317	12	0	0	10	0	10
7003	7/25	54° 30.05'	166° 35.83'	262	5.0	779	25	0	0	10	0	0
7004	7/25	54° 29.89'	166° 52.85'	259	5.0	932	28	0	0	20	0	5
7006	7/28	54° 40.06'	165° 25.89'	110	5.0	0	0	24	4	0	20	0
7007	7/27	54° 40.10'	165° 43.04'	180	5.0	0	0	0	0	0	0	0
7008	7/27	54° 40.02'	166° 01.04'	179	5.0	468	30	93	10	5	0	0
7009	7/26	54° 40.06'	166° 18.21'	172	5.0	448	28	19	2	0	5	0
7010	7/26	54° 40.02'	166° 34.99'	182	5.0	1,597	77	10	1	0	0	0
7011	7/2	54° 39.94'	166° 52.91'	208	5.0	2,215	98	29	3	5	0	0
7012	7/2	54° 39.99'	167° 10.21'	247	5.1	2,013	71	11	1	0	0	0
7013	7/28	54° 50.04'	165° 25.00'	82	5.0	13	1	0	0	0	10	0
7014	7/27	54° 49.98'	165° 43.08'	83	5.0	67	5	173	22	5	40	0
7015	7/27	54° 50.14'	165° 59.86'	84	5.0	13	1	16	2	0	50	0
7016	7/26	54° 50.09'	166° 18.31'	88	5.0	22	1	0	0	0	35	0
7017	7/26	54° 49.97'	166° 34.97'	106	5.0	101	2	0	0	0	100	0
7018	7/2	54° 49.94'	166° 52.22'	144	5.0	1,013	47	29	3	0	15	0
7019	7/2	54° 50.25'	167° 10.20'	191	4.9	1,750	87	8	1	0	0	0
7021	7/1	54° 59.86'	166° 33.73'	80	5.0	223	8	0	0	0	5	0
7022	7/1	54° 59.89'	166° 50.98'	83	5.0	309	16	28	3	0	65	0
7023	6/30	54° 59.96'	167° 09.04'	96	4.9	335	16	59	7	0	29	0
7024	6/30	55° 00.08'	167° 27.07'	160	4.9	127	7	0	0	0	69	0
7025	7/1	55° 09.96'	166° 33.97'	77	5.0	427	19	31	4	0	5	0
7026	7/1	55° 10.02'	166° 51.15'	79	4.9	419	18	9	1	0	25	0
7027	6/30	55° 09.97'	167° 08.99'	81	5.0	195	11	19	2	0	15	0
7028	6/13	55° 10.04'	167° 25.84'	89	5.0	197	13	41	4	0	40	0
7029	6/13	55° 10.00'	167° 44.05'	167	5.0	319	19	72	8	0	59	0
7030	6/12	55° 19.91'	167° 43.72'	89	5.0	246	13	66	8	0	84	0
7031	6/12	55° 20.01'	168° 00.97'	200	4.9	901	48	112	12	25	44	0
7032	6/12	55° 29.98'	168° 01.02'	79	5.0	404	19	67	9	0	94	0
7033	6/11	55° 30.05'	168° 19.04'	134	5.0	170	6	23	3	0	54	0
7034	6/11	55° 39.92'	168° 36.98'	79	5.0	156	7	39	6	0	139	0
7035	6/11	55° 49.99'	168° 36.98'	78	5.0	1,024	35	105	14	0	69	0
7036	6/10	55° 49.91'	168° 52.13'	168	5.0	428	23	64	7	5	50	0
7037	6/10	56° 00.04'	168° 19.05'	86	5.1	120	8	99	12	0	71	0
7038	6/10	56° 00.40'	168° 36.91'	135	5.0	329	16	53	7	0	80	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 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
7039	6/6	55° 59.97'	169° 48.00'	147	5.0	85	5	26	3	0	0	5
7040	6/6	56° 00.01'	170° 06.17'	97	5.0	229	10	35	4	0	20	0
7041	6/8	56° 09.97'	168° 01.21'	79	4.9	168	13	29	3	0	44	0
7042	6/9	56° 09.98'	168° 19.05'	90	5.0	245	13	87	13	0	114	0
7043	6/9	56° 09.97'	168° 37.22'	177	5.0	633	22	32	4	0	20	25
7044	6/9	56° 10.04'	168° 54.81'	139	5.0	718	31	104	13	0	15	0
7045	6/7	56° 10.00'	169° 31.10'	268	5.0	2,738	80	0	0	0	0	0
7046	6/6	56° 10.00'	170° 42.05'	76	5.0	193	10	120	16	0	107	0
7047	6/8	56° 20.02'	168° 01.27'	78	4.9	0	0	0	0	0	0	0
7048	6/8	56° 20.02'	168° 19.31'	86	5.0	45	3	0	0	0	15	0
7049	6/7	56° 20.02'	169° 13.47'	74	4.9	100	5	83	11	0	34	0
<b>111</b>	<b>Total Stations</b>				<b>Totals</b>	<b>92,775</b>	<b>3,895</b>	<b>17,723</b>	<b>2,470</b>	<b>855</b>	<b>5,192</b>	<b>223</b>

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