

# 2006 IPHC Stock Assessment Survey

## Area 4D

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
7050	6/28	56° 20.55'	171° 19.17'	80	6.0	158	7	14	2	0	170	0
7051	6/28	56° 30.69'	171° 37.16'	78	6.1	0	0	0	0	0	293	0
7052	6/28	56° 30.69'	171° 55.23'	136	6.0	102	3	15	2	0	40	0
7053	6/27	56° 41.31'	173° 05.97'	83	6.0	0	0	0	0	0	74	0
7054	6/27	56° 50.05'	173° 25.71'	256	6.0	67	3	17	2	20	0	5
7055	6/27	57° 00.81'	173° 25.04'	98	6.0	19	1	0	0	0	68	0
7056	6/26	57° 00.52'	173° 43.80'	262	6.0	0	0	0	0	10	0	5
7057	6/26	57° 10.16'	173° 43.81'	83	6.0	0	0	29	3	0	70	0
7058	6/26	57° 20.24'	173° 43.16'	76	6.0	81	4	19	3	0	69	0
7059	6/24	57° 40.05'	173° 43.98'	74	6.0	13	1	66	12	0	129	0
7060	6/24	57° 50.77'	173° 43.17'	80	6.0	74	4	55	8	0	88	0
7061	6/19	58° 20.37'	174° 19.96'	105	6.0	230	12	98	13	0	85	0
7062	6/19	58° 19.99'	175° 16.98'	191	6.0	1,836	93	146	17	0	0	0
7063	6/23	58° 29.96'	174° 19.81'	77	6.0	213	8	20	3	0	47	0
7064	6/22	58° 30.88'	175° 18.78'	98	6.0	333	16	34	5	0	80	0
7065	6/21	58° 30.63'	175° 37.39'	92	6.0	56	3	32	4	0	119	0
7067	6/23	58° 40.10'	174° 20.63'	91	6.0	197	9	26	3	0	10	0
7068	6/23	58° 40.00'	174° 38.73'	112	6.0	709	24	73	9	0	20	0
7069	6/22	58° 39.99'	174° 59.17'	117	6.0	321	15	61	9	0	30	0
7070	6/22	58° 40.07'	175° 17.95'	126	6.0	357	15	86	13	0	35	0
7071	6/21	58° 40.05'	175° 56.16'	76	6.0	28	2	26	4	0	345	0
7072	6/21	58° 40.84'	176° 16.82'	75	6.0	33	2	29	4	0	130	0
7073	6/20	58° 40.05'	177° 13.19'	79	5.6	134	6	0	0	0	303	14
7074	6/20	58° 49.94'	177° 32.96'	75	6.0	40	3	18	2	0	200	0
7075	6/20	58° 50.05'	177° 53.14'	217	6.0	746	20	0	0	5	0	10
7076	6/4	58° 59.88'	177° 53.76'	76	6.0	441	19	66	9	0	205	0
7077	6/4	59° 00.02'	178° 12.70'	111	6.0	416	19	46	8	0	225	0
7078	6/10	59° 10.04'	176° 55.82'	80	6.0	367	15	10	1	0	74	0
7079	6/10	59° 10.01'	177° 15.98'	83	6.0	451	22	28	3	0	175	0
7080	6/11	59° 10.02'	177° 35.02'	92	6.0	24	2	37	5	0	195	0
7081	6/11	59° 09.99'	177° 55.37'	100	6.0	65	3	13	2	0	213	0
7082	6/4	59° 09.99'	178° 14.00'	76	6.0	92	4	21	3	0	220	0
7083	6/9	59° 20.07'	176° 56.80'	80	6.0	1,072	33	78	9	0	255	0
7084	6/10	59° 20.05'	177° 16.84'	87	6.0	856	42	49	6	0	205	0
7085	6/11	59° 20.05'	177° 35.86'	144	5.9	90	4	73	13	0	5	0
7086	6/9	59° 29.88'	176° 37.85'	78	6.0	162	7	22	4	0	195	0
7087	6/9	59° 29.95'	176° 57.89'	84	6.0	457	21	54	7	0	230	0
7088	6/8	59° 29.95'	177° 17.96'	86	6.0	736	23	14	2	0	187	0
7089	6/7	59° 29.98'	177° 37.12'	129	6.0	49	3	30	5	0	30	0
7090	6/7	59° 29.99'	177° 57.06'	216	6.0	2,982	122	122	14	0	0	0
7091	6/6	59° 29.98'	178° 16.85'	143	6.0	671	27	110	14	0	50	0
7092	6/8	59° 39.95'	176° 58.97'	85	6.0	197	10	7	1	0	235	0
7093	6/8	59° 40.03'	177° 18.83'	114	6.0	104	3	21	3	0	90	0
7094	6/7	59° 40.00'	177° 39.03'	129	6.0	538	11	9	1	0	5	0
7095	6/6	59° 40.06'	177° 57.67'	92	6.0	112	3	28	5	0	35	0
7096	6/6	59° 40.00'	178° 17.82'	91	6.0	181	8	44	6	0	165	0
7097	6/5	59° 49.98'	177° 58.74'	80	6.0	101	4	14	2	0	100	0
7098	6/5	59° 50.01'	178° 18.78'	79	6.0	43	2	7	1	0	65	0
7099	6/5	59° 50.01'	178° 38.89'	83	6.0	53	3	4	1	0	188	0
9309	8/11	57° 20.29'	172° 43.07'	64	5.1	74	4	18	3	0	138	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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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
9310	8/11	57° 30.05'	172° 43.08'	65	5.0	12	1	20	3	0	165	0
9317	8/14	58° 19.89'	169° 07.17'	36	5.1	0	0	0	0	0	51	0
9318	8/14	58° 29.95'	169° 07.18'	35	5.1	0	0	0	0	0	25	0
9319	8/13	58° 20.24'	171° 00.61'	45	5.1	42	1	0	0	0	138	0
9320	8/13	58° 30.06'	171° 01.32'	45	5.1	0	0	0	0	0	56	0
9321	8/12	58° 20.04'	172° 56.11'	59	5.0	34	2	17	2	0	135	0
9322	8/12	58° 30.06'	172° 56.20'	60	5.1	0	0	17	2	0	120	0
9401	7/5	59° 19.99'	169° 13.98'	27	5.0	0	0	8	1	0	85	0
9402	7/5	59° 30.02'	169° 13.95'	26	5.0	82	2	0	0	0	90	0
9403	7/13	59° 20.03'	171° 10.95'	41	5.0	0	0	0	0	0	0	0
9404	7/13	59° 30.06'	171° 10.97'	40	5.0	0	0	0	0	0	0	0
9405	7/14	59° 20.02'	173° 09.02'	55	5.0	228	9	13	2	0	213	0
9406	7/14	59° 30.05'	173° 09.00'	54	5.0	158	6	11	1	0	215	0
9407	7/15	59° 20.02'	175° 06.00'	73	4.9	55	3	69	8	0	139	0
9408	7/15	59° 30.05'	175° 06.00'	72	5.0	122	4	27	3	0	163	0
9409	7/16	59° 20.01'	177° 04.27'	83	5.0	598	30	15	2	0	146	0
9410	7/16	59° 30.07'	177° 04.21'	83	5.0	1,179	49	112	15	0	78	0
9413	8/9	60° 20.14'	169° 19.89'	23	5.0	0	0	0	0	0	75	0
9414	8/9	60° 30.10'	169° 20.75'	22	5.1	40	2	0	0	0	101	0
9415	8/8	60° 19.89'	171° 21.68'	36	5.0	0	0	0	0	0	0	0
9416	8/8	60° 30.01'	171° 21.55'	35	5.0	0	0	0	0	0	0	0
9417	7/23	60° 19.98'	173° 24.01'	34	4.9	0	0	0	0	0	53	0
9418	7/23	60° 29.99'	173° 23.96'	32	4.9	0	0	0	0	0	158	0
9419	7/18	60° 20.00'	175° 23.01'	61	5.0	273	3	5	1	0	198	0
9420	7/18	60° 29.95'	175° 22.98'	60	5.0	56	3	21	3	0	175	0
9421	7/17	60° 19.87'	177° 22.98'	81	4.9	0	0	5	1	0	180	0
9422	7/17	60° 29.96'	177° 23.01'	84	5.0	91	2	5	1	0	173	0
9423	7/21	61° 20.05'	171° 29.99'	30	5.0	0	0	0	0	0	5	0
9424	7/21	61° 29.93'	171° 30.55'	29	4.9	0	0	0	0	0	5	0
9425	7/20	61° 20.02'	173° 35.02'	40	5.0	0	0	0	0	0	0	0
9426	7/20	61° 29.95'	173° 35.02'	40	5.0	0	0	0	0	0	0	0
9427	7/19	61° 20.02'	175° 39.78'	54	4.9	0	0	0	0	0	0	0
9428	7/19	61° 30.01'	175° 40.23'	52	5.0	0	0	0	0	0	5	0
9521	8/7	60° 09.50'	172° 19.50'	31	5.1	612	13	6	1	0	162	0
9522	8/6	60° 10.09'	172° 41.02'	29	5.0	226	5	0	0	0	135	0
9523	8/7	60° 19.88'	172° 05.53'	31	4.9	0	0	0	0	0	0	0
9524	8/6	60° 19.83'	172° 43.50'	11	4.9	1,215	48	52	6	0	0	0
9525	8/6	60° 19.78'	173° 03.75'	28	5.0	147	3	10	1	0	110	0
9526	7/22	60° 30.03'	172° 25.98'	30	5.0	0	0	0	0	0	45	0
9527	7/22	60° 30.00'	172° 45.03'	19	5.0	1,268	32	0	0	0	15	0
9528	7/23	60° 29.95'	173° 07.14'	12	4.9	1,109	29	61	8	0	0	0
9530	7/22	60° 39.95'	172° 46.98'	23	5.0	375	11	21	3	0	173	0
<b>92 Total Effective 4D Stations</b>					<b>Totals</b>	<b>24,002</b>	<b>923</b>	<b>2,281</b>	<b>310</b>	<b>35</b>	<b>9,477</b>	<b>34</b>

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