

## 2011 IPHC Stock Assessment Survey Area 4D

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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set <sup>1</sup>	O32 Halibut		U32 Halibut		Bycatch (numbers) <sup>3</sup>		
						Lbs. <sup>2</sup>	#'s	Lbs. <sup>2</sup>	#'s	Sablefish	P. Cod	Rockfish
7050	8/9	56° 20.02'	-171° 18.81'	78	6.0	138	10	102	14	0	69	0
7051	8/9	56° 29.98'	-171° 37.45'	81	6.0	112	3	53	9	0	35	0
7052	8/9	56° 29.96'	-171° 55.08'	162	6.0	199	12	9	1	0	30	0
7053	8/8	56° 40.20'	-173° 06.39'	81	6.0	48	3	22	3	0	25	0
7054	8/8	56° 50.08'	-173° 24.36'	197	6.0	358	14	17	2	0	40	30
7055	8/8	57° 00.12'	-173° 24.61'	94	6.0	12	1	0	0	0	30	5
7056	8/7	57° 00.08'	-173° 42.94'	262	6.0	88	3	0	0	0	0	0
7057	8/7	57° 10.14'	-173° 43.08'	80	5.9	120	3	12	2	0	15	0
7058	8/7	57° 19.98'	-173° 42.91'	75	6.0	177	10	44	6	0	20	0
7059	8/6	57° 39.99'	-173° 42.59'	74	6.0	13	1	20	3	0	15	0
7060	8/6	57° 49.93'	-173° 42.42'	84	6.0	0	0	27	4	0	0	0
7061	7/16	58° 20.00'	-174° 19.98'	111	6.0	74	4	101	16	0	40	0
7062	7/15	58° 20.00'	-175° 17.15'	190	6.0	542	29	88	9	0	5	0
7063	7/16	58° 30.00'	-174° 20.02'	78	6.1	0	0	9	1	0	15	0
7064	7/15	58° 30.01'	-175° 18.02'	98	6.0	193	7	66	9	0	15	0
7065	7/14	58° 30.01'	-175° 37.00'	99	6.0	96	6	81	11	0	145	0
7067	7/13	58° 40.00'	-174° 20.05'	90	6.0	445	19	191	23	0	25	0
7068	7/13	58° 40.00'	-174° 39.08'	111	6.1	134	8	101	12	0	0	0
7069	7/13	58° 39.95'	-174° 59.00'	121	6.1	214	14	72	8	0	25	0
7070	7/15	58° 40.00'	-175° 18.25'	129	6.0	408	22	123	15	0	40	0
7071	7/14	58° 39.97'	-175° 56.00'	76	6.0	12	1	135	23	0	105	0
7072	7/14	58° 39.97'	-176° 15.99'	76	6.1	14	1	48	10	0	141	0
7073	7/20	58° 39.97'	-177° 16.05'	81	6.0	37	2	48	7	0	30	0
7074	7/20	58° 50.00'	-177° 33.06'	75	5.9	11	1	42	7	0	58	0
7075	7/20	58° 49.95'	-177° 52.96'	218	6.0	97	6	0	0	0	0	65
7076	7/21	59° 00.00'	-177° 54.01'	75	6.1	312	13	45	7	0	30	0
7077	7/21	59° 00.06'	-178° 13.07'	120	6.1	450	23	190	25	0	61	0
7078	7/27	59° 10.00'	-176° 55.85'	79	6.0	389	17	191	30	0	129	0
7079	7/27	59° 10.15'	-177° 16.09'	82	6.0	70	3	58	8	0	5	0
7080	7/22	59° 10.02'	-177° 35.08'	91	6.0	98	6	101	16	0	45	0
7081	7/22	59° 09.98'	-177° 54.77'	101	6.1	253	13	95	14	0	20	0
7082	7/21	59° 10.07'	-178° 13.97'	76	6.1	184	6	48	7	0	47	0
7083	7/27	59° 20.00'	-176° 56.79'	80	6.1	277	11	98	15	0	61	0
7084	7/27	59° 19.92'	-177° 16.55'	87	6.0	77	5	7	1	0	40	0
7085	7/22	59° 20.21'	-177° 36.05'	145	6.1	26	2	17	3	0	0	0
7086	7/26	59° 29.98'	-176° 38.17'	77	6.1	42	3	64	9	0	40	0
7087	7/26	59° 30.11'	-176° 58.06'	83	6.0	283	14	98	14	0	81	0
7088	7/25	59° 29.94'	-177° 18.06'	84	6.0	462	15	100	14	0	115	0
7089	7/25	59° 29.98'	-177° 36.95'	129	6.0	122	8	136	18	0	10	0
7090	7/24	59° 29.98'	-177° 56.95'	217	6.0	277	15	7	1	0	0	15
7091	7/24	59° 29.95'	-178° 16.95'	144	6.0	951	45	173	22	0	10	0
7092	7/26	59° 40.12'	-176° 59.00'	85	6.0	74	4	74	10	0	50	0
7093	7/25	59° 39.95'	-177° 19.20'	113	6.1	142	7	118	19	0	56	0
7094	7/25	59° 39.95'	-177° 39.05'	125	6.0	213	8	37	6	0	30	0
7095	7/24	59° 39.97'	-177° 58.00'	91	6.1	556	26	112	15	0	45	0
7096	7/24	59° 39.95'	-178° 18.23'	91	6.0	730	32	105	12	0	40	0
7097	7/23	59° 49.00'	-177° 56.39'	79	6.1	143	6	24	4	0	41	0
7098	7/23	59° 49.99'	-178° 18.96'	79	6.1	172	12	52	6	0	40	0
7099	7/23	59° 50.00'	-178° 38.92'	82	6.0	43	2	126	19	0	24	0
9521	7/12	60° 10.04'	-172° 19.95'	32	6.0	0	0	0	0	0	5	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 4D**

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						Lbs. <sup>2</sup>	#'s	Lbs. <sup>2</sup>	#'s	Sablefish	P. Cod	Rockfish
9522	7/12	60° 09.91'	-172° 41.13'	30	6.0	0	0	0	0	0	0	0
9523	7/9	60° 20.00'	-172° 04.21'	31	6.0	0	0	0	0	0	15	0
9524	7/11	60° 20.03'	-172° 46.00'	11	6.0	39	2	0	0	0	5	0
9525	7/11	60° 20.01'	-173° 04.00'	28	6.0	0	0	0	0	0	5	0
9526	7/9	60° 29.99'	-172° 26.03'	29	6.1	0	0	0	0	0	10	0
9527	7/10	60° 29.93'	-172° 45.01'	19	6.0	590	10	3	1	0	130	0
9528	7/11	60° 30.03'	-173° 07.00'	13	6.0	129	4	0	0	0	0	0
9530	7/10	60° 39.96'	-172° 46.99'	23	6.0	17	1	9	2	0	140	0
<b>58 Total Effective 4D Stations</b>					<b>Totals</b>	<b>10,660</b>	<b>493</b>	<b>3,501</b>	<b>493</b>	<b>0</b>	<b>2,250</b>	<b>115</b>

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