

**2012 IPHC Stock Assessment Survey
Area 4D**

Station	Date Fished	North Latitude	West Longitude	Depth (fm)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
7050	6/30	56° 20.02'	-171° 19.00'	79	4.1	22	1	15	2	0	30	0
7051	6/23	56° 29.47'	-171° 37.00'	90	3.9	34	2	26	4	0	29	0
7052	6/23	56° 30.04'	-171° 55.00'	163	4.0	143	9	0	0	0	20	5
7053	6/22	56° 39.45'	-173° 07.00'	101	4.1	73	5	25	3	0	20	0
7054	6/22	56° 50.00'	-173° 25.08'	229	4.0	298	16	23	3	0	0	0
7055	6/22	57° 00.02'	-173° 26.24'	127	4.0	295	13	69	9	0	30	30
7056	6/21	57° 00.00'	-173° 41.91'	249	4.0	244	10	0	0	0	0	0
7057	6/21	57° 10.01'	-173° 44.16'	84	4.0	163	9	92	13	0	54	0
7058	6/21	57° 20.00'	-173° 42.99'	75	4.0	11	1	12	2	0	60	0
7059	6/20	57° 40.00'	-173° 43.02'	74	4.1	80	4	66	14	0	40	0
7060	6/20	57° 50.00'	-173° 41.91'	81	4.0	137	10	74	10	0	50	0
7061	6/19	58° 20.01'	-174° 21.19'	147	4.0	250	14	161	22	0	40	0
7062	6/17	58° 20.00'	-175° 17.04'	190	4.0	707	40	72	8	0	0	0
7063	6/19	58° 29.39'	-174° 20.00'	79	4.0	51	3	26	5	0	50	0
7064	6/17	58° 30.01'	-175° 16.87'	110	4.0	250	12	188	24	0	60	0
7065	6/17	58° 29.44'	-175° 37.01'	104	4.0	60	3	51	7	0	40	0
7067	6/19	58° 40.64'	-174° 19.99'	89	4.1	25	1	0	0	0	0	0
7068	6/18	58° 40.00'	-174° 37.67'	114	4.0	117	6	43	7	0	10	0
7069	6/18	58° 40.00'	-174° 57.90'	122	4.0	230	11	81	10	0	25	0
7070	6/18	58° 40.00'	-175° 18.02'	127	4.0	104	8	103	14	0	20	0
7071	6/16	58° 39.99'	-175° 57.06'	77	4.0	0	0	30	5	0	50	0
7072	6/16	58° 40.00'	-176° 16.08'	78	4.0	0	0	0	0	0	100	0
7073	6/14	58° 39.45'	-177° 13.03'	74	4.0	68	4	44	6	0	198	0
7074	6/14	58° 50.00'	-177° 34.09'	76	4.0	15	1	29	6	0	80	0
7075	6/14	58° 49.36'	-177° 53.01'	222	4.0	401	20	0	0	0	0	10
7076	6/15	59° 00.00'	-177° 52.94'	75	4.2	61	3	89	13	0	79	0
7077	6/15	58° 59.47'	-178° 13.01'	135	4.1	1,124	32	19	3	0	25	0
7078	7/16	59° 10.00'	-176° 57.21'	80	4.0	100	5	84	12	0	41	0
7079	7/16	59° 09.98'	-177° 16.08'	83	4.0	27	1	58	10	0	50	0
7080	7/15	59° 09.97'	-177° 36.33'	92	4.0	21	1	49	9	0	75	0
7081	6/15	59° 09.98'	-177° 55.00'	102	4.0	14	1	32	7	0	109	0
7082	6/15	59° 10.53'	-178° 13.99'	77	4.0	0	0	18	3	0	83	0
7083	7/16	59° 20.02'	-176° 55.56'	80	4.0	153	7	54	9	0	41	0
7084	7/15	59° 19.98'	-177° 17.84'	88	4.0	45	2	23	4	0	40	0
7085	7/15	59° 19.98'	-177° 36.13'	146	4.0	34	2	45	7	0	10	0
7086	7/10	59° 29.74'	-176° 35.72'	77	4.1	0	0	8	1	0	15	0
7087	7/10	59° 29.99'	-176° 59.29'	83	4.0	0	0	29	4	0	40	0
7088	7/11	59° 30.02'	-177° 17.04'	84	4.1	26	2	70	11	0	35	0
7089	7/14	59° 30.09'	-177° 35.95'	121	4.1	88	5	48	8	0	10	0
7090	7/14	59° 29.99'	-177° 58.32'	214	4.0	603	25	46	7	0	0	5
7091	7/14	59° 30.02'	-178° 17.20'	144	4.0	288	17	148	17	0	5	0
7092	7/11	59° 39.98'	-177° 00.14'	86	4.0	48	2	6	1	0	10	0
7093	7/11	59° 39.98'	-177° 18.95'	112	4.0	61	4	59	10	0	25	0
7094	7/12	59° 40.02'	-177° 38.92'	126	4.0	366	8	53	6	0	10	0
7095	7/12	59° 39.94'	-177° 59.34'	90	4.0	72	4	30	4	0	30	0
7096	7/13	59° 40.02'	-178° 18.22'	91	4.0	142	8	61	8	0	35	0
7097	7/12	59° 49.84'	-177° 57.90'	79	4.0	50	2	40	5	0	54	0
7098	7/13	59° 50.00'	-178° 20.36'	80	4.0	0	0	0	0	0	25	0
7099	7/13	59° 50.03'	-178° 37.84'	82	4.0	11	1	45	7	0	40	0
9521	7/7	60° 10.03'	-172° 21.62'	31	4.0	0	0	0	0	0	0	0

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

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
9522	7/7	60° 09.99'	-172° 40.87'	30	4.0	0	0	0	0	0	5	0
9523	7/7	60° 19.99'	-172° 04.40'	31	4.0	0	0	0	0	0	0	0
9524	7/9	60° 19.98'	-172° 46.34'	10	4.0	0	0	0	0	0	0	0
9525	7/9	60° 20.01'	-173° 03.83'	27	4.1	0	0	0	0	0	0	0
9526	7/8	60° 30.03'	-172° 27.50'	28	3.9	0	0	0	0	0	0	0
9527	7/8	60° 30.04'	-172° 43.82'	19	4.0	51	1	0	0	0	0	0
9528	7/9	60° 29.23'	-173° 07.02'	12	4.0	0	0	0	0	0	0	0
9530	7/8	60° 40.02'	-172° 45.85'	23	4.1	0	0	4	1	0	0	0
58 Total Effective 4D Stations					Totals	7,163	336	2,345	341	0	1,898	50

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² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.