

2016 IPHC Stock Assessment Survey

Area 4D

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
7050	7/2	56° 20.02'	-171° 18.98'	80	6.0	20	1	0	0	0	81	0
7051	7/2	56° 29.84'	-171° 37.02'	87	6.0	0	0	32	5	0	55	0
7052	7/2	56° 30.02'	-171° 55.00'	171	6.0	70	3	7	1	0	80	0
7053	7/4	56° 40.04'	-173° 06.58'	82	6.0	0	0	0	0	0	225	0
7054	7/5	56° 50.10'	-173° 24.94'	227	6.0	0	0	0	0	0	0	20
7056	7/6	57° 00.60'	-173° 43.05'	247	6.0	0	0	0	0	0	0	5
7057	7/6	57° 09.43'	-173° 42.98'	82	6.0	34	2	0	0	0	80	0
7058	7/7	57° 20.04'	-173° 42.52'	75	6.0	63	3	34	6	0	50	0
7059	7/8	57° 40.01'	-173° 42.29'	74	6.0	31	2	26	4	0	25	0
7060	7/8	57° 50.03'	-173° 42.60'	82	6.0	0	0	0	0	0	125	0
7061	7/15	58° 20.05'	-174° 20.00'	109	6.0	86	7	94	11	0	70	0
7062	7/16	58° 20.72'	-175° 17.07'	175	6.0	591	43	347	37	0	0	0
7063	7/15	58° 29.70'	-174° 20.00'	78	6.0	14	1	18	2	0	85	0
7064	7/16	58° 29.73'	-175° 18.10'	97	6.0	351	18	106	14	0	126	0
7065	7/16	58° 30.06'	-175° 36.91'	96	6.0	49	3	59	8	0	80	0
7067	7/18	58° 40.00'	-174° 21.05'	92	6.0	154	8	92	11	0	15	0
7068	7/18	58° 40.00'	-174° 39.34'	111	6.0	75	4	34	4	0	0	0
7069	7/17	58° 40.00'	-174° 59.65'	119	6.0	61	4	55	7	0	45	0
7070	7/17	58° 40.00'	-175° 18.05'	125	6.0	63	5	117	16	0	25	5
7071	7/15	58° 39.97'	-175° 55.99'	75	6.0	0	0	9	1	0	15	0
7072	7/15	58° 40.00'	-176° 16.00'	75	6.0	0	0	18	3	0	30	0
7073	7/7	58° 39.99'	-177° 13.03'	76	6.0	195	9	115	14	0	105	0
7074	7/1	58° 50.07'	-177° 33.01'	75	6.0	101	2	20	3	0	5	0
7075	7/1	58° 50.15'	-177° 53.03'	218	6.0	274	16	9	1	0	0	10
7076	7/8	58° 59.94'	-177° 54.00'	75	6.0	246	12	79	12	0	5	0
7077	6/30	59° 00.16'	-178° 13.02'	115	6.1	620	24	139	18	0	56	0
7078	7/9	59° 09.96'	-176° 55.99'	79	6.0	37	3	15	2	0	10	0
7079	7/9	59° 09.90'	-177° 15.99'	81	6.0	12	1	69	10	0	30	0
7080	7/8	59° 09.98'	-177° 35.00'	90	6.0	103	5	84	11	0	0	0
7081	6/30	59° 09.98'	-177° 55.03'	100	6.0	142	6	68	10	0	20	0
7082	6/30	59° 10.04'	-178° 14.02'	76	6.0	30	2	95	13	0	5	0
7083	7/10	59° 19.99'	-176° 56.98'	79	6.0	60	2	0	0	0	40	0
7084	7/10	59° 20.01'	-177° 16.98'	86	6.0	0	0	51	8	0	70	0
7085	6/29	59° 19.98'	-177° 35.98'	144	6.0	225	10	92	12	0	40	0
7086	7/23	59° 29.85'	-176° 38.02'	77	6.0	32	2	9	1	0	60	0
7087	7/23	59° 29.96'	-176° 58.00'	82	6.0	73	3	73	9	0	46	0
7088	7/10	59° 30.03'	-177° 17.98'	83	6.0	68	3	21	3	0	30	0
7089	6/29	59° 30.14'	-177° 37.00'	127	6.0	91	5	135	18	0	96	0
7090	6/24	59° 30.07'	-177° 57.00'	220	6.0	629	29	90	10	0	0	15
7091	6/24	59° 30.05'	-178° 17.01'	143	6.0	694	41	350	40	0	20	0
7092	7/24	59° 39.98'	-176° 59.02'	84	6.0	31	2	6	1	0	100	0
7093	7/11	59° 39.98'	-177° 19.00'	112	6.0	22	2	36	5	0	70	0
7094	6/28	59° 40.01'	-177° 39.03'	127	6.0	94	4	49	7	0	35	0
7095	6/28	59° 40.06'	-177° 58.01'	91	6.0	45	3	25	3	0	20	0
7096	6/25	59° 39.98'	-178° 18.02'	91	6.0	98	6	76	9	0	40	0
7097	6/28	59° 49.86'	-177° 59.02'	79	6.0	0	0	10	1	0	40	0
7098	6/25	59° 49.97'	-178° 19.00'	79	6.0	24	1	16	2	0	35	0
7099	6/25	59° 50.14'	-178° 39.00'	82	6.0	30	2	39	6	0	80	0
7300	7/3	56° 40.00'	-171° 37.00'	66	6.0	97	4	30	4	0	55	0
7301	7/4	56° 39.96'	-172° 31.04'	77	6.0	81	4	0	0	0	130	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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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
7302	7/3	56° 49.78'	-171° 37.00'	64	6.0	46	3	42	6	0	65	0
7303	7/4	56° 49.98'	-172° 48.80'	73	6.0	154	9	94	12	0	70	0
7304	7/3	56° 59.92'	-171° 54.94'	63	6.0	206	11	69	9	0	94	0
7305	7/5	56° 59.95'	-173° 07.05'	73	6.0	100	6	72	9	0	90	0
7306	7/6	57° 10.02'	-173° 24.60'	72	6.0	69	5	92	12	0	70	0
7307	7/9	57° 19.99'	-172° 30.94'	61	6.0	71	3	52	7	0	65	0
7308	7/9	57° 20.08'	-172° 48.69'	64	6.0	109	6	33	5	0	50	0
7309	7/7	57° 19.99'	-173° 24.00'	67	6.0	0	0	0	0	0	40	0
7310	7/9	57° 30.03'	-173° 06.10'	69	6.0	264	16	66	9	0	55	0
7311	7/7	57° 30.02'	-173° 24.52'	69	6.0	160	10	99	12	0	35	0
7312	7/8	57° 39.95'	-173° 23.88'	80	6.0	11	1	12	2	0	70	0
7313	7/14	57° 40.00'	-174° 01.80'	72	6.0	265	8	67	8	0	25	0
7314	7/10	57° 50.03'	-172° 28.43'	60	6.0	158	9	45	6	0	70	0
7315	7/10	57° 59.97'	-172° 46.23'	59	6.0	37	2	93	11	0	100	0
7316	7/14	58° 00.00'	-174° 01.48'	384	6.0	0	0	0	0	5	0	15
7317	7/19	58° 40.00'	-174° 01.20'	75	6.0	15	1	10	1	0	64	0
7318	7/17	58° 40.00'	-175° 36.28'	75	6.0	63	4	37	5	0	50	0
7319	7/18	58° 50.00'	-174° 39.41'	75	6.0	115	5	41	6	0	45	0
7320	7/20	58° 49.95'	-175° 56.00'	70	6.0	0	0	33	4	0	54	0
7321	7/7	58° 50.11'	-176° 35.03'	68	6.0	0	0	15	2	0	50	0
7322	7/20	58° 59.93'	-175° 56.01'	72	6.0	0	0	0	0	0	80	0
7323	7/20	58° 59.97'	-176° 15.98'	73	6.0	0	0	0	0	0	85	0
7324	7/9	58° 59.89'	-177° 13.99'	74	6.0	34	2	21	4	0	10	0
7325	7/8	59° 00.05'	-177° 33.00'	73	6.0	79	4	36	4	0	10	0
7326	7/21	59° 09.94'	-175° 36.98'	75	6.0	51	2	25	3	0	79	0
7327	7/21	59° 10.02'	-175° 59.02'	75	6.0	0	0	22	3	0	108	0
7328	7/22	59° 09.96'	-176° 17.02'	75	6.0	0	0	0	0	0	110	0
7329	7/22	59° 10.02'	-176° 37.00'	76	6.0	11	1	13	2	0	105	0
7330	7/21	59° 19.95'	-175° 39.00'	75	6.0	33	2	0	0	0	80	0
7331	7/22	59° 20.04'	-176° 37.01'	76	6.0	11	1	0	0	0	65	0
7332	7/26	59° 40.00'	-175° 39.02'	73	6.0	188	5	43	5	0	25	0
7333	7/26	59° 40.07'	-175° 58.00'	75	6.0	42	1	0	0	0	35	0
7334	7/25	59° 39.99'	-176° 18.04'	76	6.0	0	0	0	0	0	70	0
7335	7/24	59° 39.98'	-176° 38.03'	75	6.0	13	1	0	0	0	40	0
7336	7/26	59° 49.98'	-175° 57.99'	74	6.0	0	0	0	0	0	30	0
7337	7/25	59° 50.05'	-176° 18.00'	76	6.0	27	1	5	1	0	15	0
7338	7/24	59° 50.05'	-176° 39.00'	75	6.0	0	0	0	0	0	20	0
7339	7/11	59° 50.05'	-177° 19.00'	75	6.0	13	1	0	0	0	79	0
7340	7/11	59° 50.03'	-177° 38.98'	76	6.0	0	0	7	1	0	60	0
7341	7/25	60° 00.03'	-176° 19.01'	75	6.0	0	0	0	0	0	80	0
7342	7/12	59° 59.96'	-176° 39.00'	77	6.0	135	2	25	3	0	130	0
7343	7/12	60° 00.01'	-176° 59.03'	76	6.0	0	0	5	1	0	90	0
7344	6/18	60° 00.00'	-177° 39.05'	76	6.0	26	1	0	0	0	95	0
7345	6/27	59° 59.95'	-177° 59.02'	78	6.0	663	17	6	1	0	94	0
7346	6/27	60° 00.12'	-178° 19.01'	77	6.0	415	22	64	9	0	50	0
7347	6/26	60° 00.03'	-178° 38.97'	76	6.0	259	13	131	19	0	55	0
7348	7/12	60° 09.99'	-176° 59.01'	79	6.0	0	0	0	0	0	90	0
7349	6/18	60° 10.05'	-177° 39.00'	77	6.0	88	2	0	0	0	109	0
7350	6/27	60° 09.98'	-177° 59.04'	80	6.0	76	4	42	6	0	80	0
7351	6/17	60° 10.04'	-178° 19.00'	82	6.0	0	0	9	2	0	175	0

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

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³ Bycatch numbers extrapolated from 20% subsample.

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Area 4D

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³			
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish	
7352	6/16	60° 10.03'	-178° 38.97'	127	6.0	76	2	29	4	0	68	0	
7353	6/26	60° 09.96'	-178° 58.99'	265	6.0	92	4	4	1	0	0	0	
7354	7/14	60° 19.98'	-176° 59.02'	78	6.0	0	0	0	0	0	105	0	
7355	7/13	60° 19.87'	-177° 18.99'	81	6.0	0	0	0	0	0	54	0	
7356	6/18	60° 19.98'	-177° 39.01'	77	6.0	53	2	32	4	0	105	0	
7357	6/17	60° 19.96'	-177° 58.99'	84	6.0	145	4	20	3	0	120	0	
7358	6/17	60° 19.96'	-178° 19.01'	93	6.0	50	3	133	18	0	100	0	
7359	6/16	60° 20.05'	-178° 39.00'	182	6.0	94	5	89	12	5	0	0	
7360	7/14	60° 29.86'	-176° 38.00'	71	6.0	64	3	4	1	0	70	0	
7361	7/14	60° 29.83'	-176° 58.99'	76	6.0	0	0	0	0	0	50	0	
7362	7/13	60° 29.90'	-177° 19.00'	82	6.0	0	0	0	0	0	30	0	
7363	7/13	60° 29.95'	-177° 39.00'	84	6.0	28	1	8	1	0	65	0	
7364	6/14	60° 29.87'	-177° 59.02'	84	6.1	148	3	20	3	0	106	0	
7365	6/14	60° 29.90'	-178° 19.05'	91	6.0	0	0	19	3	0	144	0	
7366	6/15	60° 30.08'	-178° 39.06'	120	6.0	282	14	76	10	0	154	0	
7367	6/15	60° 29.93'	-178° 59.03'	203	6.0	456	20	67	9	0	0	0	
7368	6/13	60° 39.86'	-177° 39.02'	83	6.0	39	1	0	0	0	115	0	
7369	6/12	60° 39.85'	-177° 58.99'	89	6.0	26	1	0	0	0	130	0	
7370	6/14	60° 39.96'	-178° 19.04'	90	6.0	105	4	24	3	0	70	0	
7371	6/15	60° 39.92'	-178° 39.01'	107	6.0	0	0	8	1	0	80	0	
7372	6/13	60° 49.92'	-177° 38.99'	76	6.0	41	1	7	1	0	215	0	
7373	6/12	60° 49.88'	-177° 58.98'	82	6.0	179	3	11	2	0	170	0	
7374	6/12	60° 49.97'	-178° 19.02'	91	6.1	15	1	8	1	0	126	0	
7375	6/11	61° 00.01'	-177° 59.07'	80	6.0	13	1	0	0	0	190	0	
7376	6/11	61° 10.02'	-177° 39.02'	76	6.0	96	2	0	0	0	190	0	
7800	7/14	57° 50.45'	-174° 21.00'	370	6.0	0	0	0	0	25	0	20	
7801	7/15	58° 30.48'	-174° 39.06'	413	6.0	0	0	0	0	5	0	5	
7802	7/1	58° 42.91'	-177° 52.99'	336	6.0	0	0	0	0	15	0	0	
7803	6/29	59° 20.02'	-177° 55.00'	315	6.0	0	0	0	0	0	0	0	
7804	6/24	59° 18.38'	-178° 14.03'	260	6.0	685	28	26	3	0	0	10	
7805	6/26	60° 00.18'	-178° 56.18'	114	6.0	202	12	72	10	0	30	0	
7806	6/16	60° 19.88'	-178° 59.02'	352	6.0	0	0	0	0	0	0	0	
9521	7/28	60° 10.00'	-172° 20.02'	30	6.0	134	4	4	1	0	50	0	
9522	7/28	60° 09.95'	-172° 41.02'	28	6.0	163	10	38	5	0	155	0	
9523	7/28	60° 19.98'	-172° 04.01'	31	6.0	0	0	0	0	0	15	0	
9524	7/27	60° 19.95'	-172° 46.00'	9	6.0	818	33	61	7	0	10	0	
9525	7/27	60° 20.01'	-173° 04.03'	27	6.0	48	3	11	1	0	130	0	
9526	7/29	60° 29.90'	-172° 25.99'	29	6.0	151	5	0	0	0	180	0	
9527	7/29	60° 29.93'	-172° 44.99'	18	6.0	183	11	55	7	0	134	0	
9528	7/27	60° 30.03'	-173° 08.36'	12	6.0	1,206	44	92	11	0	0	0	
9530	7/29	60° 40.02'	-172° 47.01'	21	6.0	324	12	62	9	0	100	0	
141 Total Effective 4D Stations						Totals	15,743	725	5,252	684	55	9,030	105

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.