

## 2015 IPHC Stock Assessment Survey Area 4D

Station <sup>4</sup>	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	8/16	56° 20.02'	-171° 19.00'	79	7.0	108	4	43	6	0	193	0
7051	8/16	56° 30.00'	-171° 37.00'	83	6.8	34	2	102	17	0	175	0
7052	8/16	56° 29.99'	-171° 55.00'	173	6.9	73	2	0	0	0	59	10
7053	8/15	56° 40.00'	-173° 07.05'	84	7.0	115	5	105	14	0	347	0
7054	8/15	56° 50.00'	-173° 24.92'	225	7.0	326	19	35	4	0	95	20
7055	8/15	57° 00.00'	-173° 25.01'	104	7.0	61	4	17	2	0	158	0
7056	8/14	57° 00.00'	-173° 43.05'	268	7.1	0	0	0	0	0	0	0
7057	8/14	57° 10.00'	-173° 42.95'	81	7.0	395	13	94	14	0	139	0
7058	8/14	57° 20.00'	-173° 42.97'	75	6.9	100	5	63	9	0	54	0
7059	8/12	57° 40.01'	-173° 43.00'	75	6.9	38	3	49	7	0	172	0
7060	8/12	57° 50.02'	-173° 43.00'	86	7.0	143	7	94	12	0	170	0
7061	8/13	58° 20.05'	-174° 20.00'	109	7.0	489	29	79	9	0	95	5
7062	8/7	58° 20.00'	-175° 16.96'	191	7.0	659	42	209	23	0	0	0
7063	8/13	58° 30.04'	-174° 20.00'	78	7.0	12	1	8	1	0	99	0
7064	8/7	58° 30.02'	-175° 18.01'	98	7.0	147	9	167	20	0	168	0
7065	8/6	58° 30.02'	-175° 37.00'	96	7.0	34	3	31	4	0	59	0
7067	8/8	58° 40.01'	-174° 20.00'	89	7.0	77	5	103	15	0	25	0
7068	8/8	58° 39.98'	-174° 39.01'	113	7.0	63	3	40	5	0	5	0
7069	8/8	58° 39.98'	-174° 59.00'	120	7.0	53	3	35	4	0	55	0
7070	8/7	58° 39.94'	-175° 18.00'	127	7.0	258	13	93	12	0	25	0
7071	8/6	58° 39.99'	-175° 56.00'	76	7.0	11	1	37	5	0	85	0
7072	8/6	58° 40.00'	-176° 16.01'	77	7.0	11	1	23	3	0	109	0
7073	8/5	58° 40.00'	-177° 12.99'	78	7.0	81	5	126	17	0	190	5
7074	8/5	58° 49.99'	-177° 33.01'	75	7.0	162	9	153	21	0	69	0
7075	8/5	58° 49.98'	-177° 53.00'	221	7.0	215	9	0	0	0	0	30
7076	8/4	59° 00.00'	-177° 53.96'	75	7.0	161	10	63	8	0	74	0
7077	8/4	59° 00.00'	-178° 14.09'	135	7.0	1,465	58	103	11	0	25	0
7078	7/22	59° 09.99'	-176° 56.00'	80	7.0	56	4	51	7	0	134	0
7079	7/22	59° 10.00'	-177° 16.00'	82	7.0	54	3	28	4	0	188	0
7080	8/3	59° 10.00'	-177° 35.03'	91	6.8	36	3	58	8	0	82	0
7081	8/3	59° 10.00'	-177° 55.03'	100	6.9	189	10	192	25	0	74	0
7082	8/4	59° 10.00'	-178° 14.05'	76	7.0	518	25	152	23	0	90	0
7083	7/21	59° 20.03'	-176° 57.00'	80	7.0	94	5	173	26	0	90	0
7084	7/20	59° 19.98'	-177° 17.00'	87	7.0	23	2	27	4	0	85	0
7085	7/20	59° 20.01'	-177° 36.00'	144	7.0	187	10	57	7	0	30	0
7086	7/21	59° 30.00'	-176° 38.00'	78	7.0	13	1	23	3	0	150	0
7087	7/21	59° 30.07'	-176° 58.00'	83	7.0	108	7	103	15	0	119	0
7088	7/20	59° 30.00'	-177° 18.00'	84	7.0	126	9	123	16	0	59	0
7089	7/18	59° 30.00'	-177° 37.03'	129	7.0	146	8	72	9	0	99	0
7090	7/18	59° 30.00'	-177° 56.95'	216	7.0	963	54	64	7	0	0	20
7091	7/17	59° 30.00'	-178° 16.95'	145	7.0	1,183	67	378	43	0	15	0
7092	7/19	59° 40.52'	-176° 59.02'	85	7.0	54	4	82	11	0	109	0
7093	7/19	59° 39.98'	-177° 19.02'	112	6.8	36	2	52	8	0	150	0
7094	7/18	59° 40.00'	-177° 39.00'	127	7.0	356	12	46	6	0	90	0
7095	7/17	59° 39.99'	-177° 58.03'	92	6.9	81	4	74	11	0	167	0
7096	7/17	59° 40.05'	-178° 18.00'	90	7.0	40	3	85	12	0	193	0
7097	7/16	59° 50.00'	-177° 58.99'	79	7.0	0	0	0	0	0	153	0
7098	7/16	59° 50.00'	-178° 19.07'	80	7.0	108	2	41	5	0	80	0
7099	7/16	59° 50.00'	-178° 38.98'	83	7.0	22	2	163	25	0	163	0
9309	7/19	57° 20.05'	-172° 43.03'	63	5.0	252	15	56	8	0	95	0

<sup>1</sup> 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.

<sup>4</sup> 2015 expansion stations 9309-9428.

## 2015 IPHC Stock Assessment Survey Area 4D

Station <sup>4</sup>	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
9310	7/19	57° 30.09'	-172° 43.01'	64	5.0	111	6	179	26	0	50	0
9317	7/22	58° 19.98'	-169° 07.00'	36	5.0	68	5	33	5	0	125	0
9318	7/22	58° 30.01'	-169° 07.00'	34	5.0	31	2	16	2	0	70	0
9319	7/21	58° 19.93'	-171° 01.01'	45	5.0	26	2	21	3	0	160	0
9320	7/21	58° 30.11'	-171° 01.00'	45	5.0	0	0	0	0	0	117	0
9321	7/20	58° 20.00'	-172° 56.02'	59	5.0	173	8	47	7	0	59	0
9322	7/20	58° 30.15'	-172° 56.00'	59	5.0	430	21	124	16	0	130	0
9401	7/6	59° 20.00'	-169° 13.96'	27	4.9	92	5	41	5	0	136	0
9402	7/6	59° 30.01'	-169° 14.01'	26	5.0	69	4	7	1	0	94	0
9403	7/5	59° 20.00'	-171° 11.02'	41	5.0	0	0	0	0	0	0	0
9404	7/5	59° 30.00'	-171° 10.87'	40	5.0	0	0	0	0	0	0	0
9405	7/27	59° 20.00'	-173° 08.99'	55	5.0	123	6	33	6	0	149	0
9406	7/27	59° 30.02'	-173° 09.00'	53	5.0	24	2	18	2	0	25	0
9407	8/2	59° 20.02'	-175° 06.00'	73	5.0	146	5	98	12	0	94	0
9408	8/2	59° 30.02'	-175° 06.00'	72	5.0	93	4	45	6	0	94	0
9409	7/21	59° 20.03'	-177° 04.00'	82	4.9	246	13	74	10	0	162	0
9410	7/19	59° 30.02'	-177° 03.98'	83	5.1	47	3	122	18	0	86	0
9413	7/10	60° 20.02'	-169° 20.00'	23	5.0	0	0	10	1	0	89	0
9414	7/10	60° 29.96'	-169° 20.00'	23	5.0	15	1	0	0	0	70	0
9415	7/11	60° 20.03'	-171° 22.00'	36	4.9	0	0	0	0	0	0	0
9416	7/11	60° 29.98'	-171° 22.00'	35	5.0	0	0	0	0	0	0	0
9417	7/31	60° 20.00'	-173° 24.00'	34	5.0	0	0	0	0	0	94	0
9418	7/31	60° 30.02'	-173° 24.00'	32	5.1	75	4	9	1	0	222	0
9419	8/1	60° 20.00'	-175° 22.92'	61	5.0	31	1	0	0	0	80	0
9420	8/1	60° 30.00'	-175° 23.00'	60	5.0	0	0	0	0	0	84	0
9421	7/15	60° 20.03'	-177° 23.01'	81	5.0	0	0	5	1	0	79	0
9422	7/15	60° 30.01'	-177° 23.00'	84	5.0	0	0	7	1	0	25	0
9423	7/12	61° 20.00'	-171° 29.98'	30	5.0	0	0	0	0	0	5	0
9424	7/12	61° 30.00'	-171° 29.95'	30	5.0	0	0	0	0	0	10	0
9425	7/13	61° 19.99'	-173° 35.00'	40	5.0	0	0	0	0	0	0	0
9426	7/13	61° 30.02'	-173° 35.01'	40	5.0	0	0	0	0	0	0	0
9427	7/14	61° 20.02'	-175° 39.98'	54	5.0	0	0	0	0	0	10	0
9428	7/14	61° 29.99'	-175° 40.00'	53	5.1	0	0	0	0	0	10	0
9521	7/28	60° 10.00'	-172° 19.96'	31	5.0	32	2	0	0	0	124	0
9522	7/28	60° 10.00'	-172° 41.00'	30	5.0	319	9	18	2	0	270	0
9523	7/28	60° 19.95'	-172° 04.00'	32	5.0	0	0	0	0	0	60	0
9524	7/30	60° 20.00'	-172° 46.05'	11	4.9	462	18	27	3	0	5	0
9525	7/30	60° 20.00'	-173° 03.99'	28	5.0	0	0	18	2	0	114	0
9526	7/29	60° 30.00'	-172° 25.90'	29	5.0	0	0	16	2	0	114	0
9527	7/29	60° 30.00'	-172° 44.91'	19	5.0	77	4	18	2	0	40	0
9528	7/30	60° 30.02'	-173° 07.00'	13	5.0	667	28	63	7	0	0	0
9530	7/29	60° 40.01'	-172° 47.00'	23	5.0	322	6	21	4	0	134	0
<b>92 Total Effective 4D Stations</b>					<b>Totals</b>	<b>13,611</b>	<b>676</b>	<b>5,041</b>	<b>671</b>	<b>0</b>	<b>8,248</b>	<b>90</b>

<sup>1</sup> 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.

<sup>4</sup> 2015 expansion stations 9309-9428.