

## 2016 IPHC Stock Assessment Survey

## Area 4A

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
6001	6/25	52° 29.94'	-169° 41.28'	134	5.4	347	21	310	40	5	23	9
6002	6/25	52° 30.01'	-169° 58.08'	130	6.1	762	40	156	18	24	6	0
6004	6/26	52° 39.84'	-169° 09.05'	61	6.0	453	28	373	50	0	74	5
6005	6/26	52° 40.11'	-169° 25.12'	95	6.0	678	38	139	18	0	115	0
6006	6/26	52° 42.12'	-169° 45.14'	42	6.0	2,568	87	49	7	0	178	10
6007	6/25	52° 40.02'	-169° 58.06'	159	6.0	765	43	165	20	10	80	5
6008	6/17	52° 38.94'	-170° 50.55'	51	6.0	3,361	106	275	37	0	45	0
6009	6/16	52° 42.98'	-171° 21.90'	88	6.0	116	5	87	13	0	30	0
6010	6/27	52° 50.00'	-168° 35.95'	53	6.1	507	27	182	27	0	234	0
6011	6/27	52° 50.18'	-168° 50.81'	35	6.0	610	27	153	24	0	54	0
6013	6/16	52° 49.75'	-171° 20.77'	96	6.0	409	25	572	80	0	20	0
6014	6/16	52° 48.84'	-171° 32.89'	121	6.0	44	3	75	10	0	64	0
6015	6/30	53° 00.42'	-167° 29.00'	92	6.0	0	0	3	1	0	55	5
6016	6/30	53° 00.18'	-167° 45.91'	54	6.0	67	5	206	29	0	115	5
6017	6/28	53° 00.08'	-168° 01.88'	64	6.0	84	6	197	31	0	61	0
6018	6/28	53° 00.17'	-168° 16.07'	51	6.0	120	7	189	29	0	25	0
6019	6/13	52° 59.98'	-169° 08.75'	112	6.0	97	6	81	10	0	144	5
6020	6/15	53° 00.00'	-169° 58.70'	63	6.0	1,156	55	368	50	0	66	0
6021	6/15	52° 59.95'	-170° 14.91'	102	6.0	2,264	95	117	13	0	145	0
6022	7/2	53° 10.64'	-166° 55.88'	100	6.1	0	0	6	1	10	30	0
6023	7/1	53° 10.10'	-167° 11.66'	60	6.0	19	1	25	4	0	190	0
6024	7/1	53° 10.07'	-167° 29.02'	50	6.0	173	8	213	35	0	111	0
6025	6/30	53° 09.96'	-167° 45.83'	43	6.0	270	12	153	29	0	79	0
6026	6/28	53° 09.91'	-168° 01.92'	35	6.0	54	2	121	21	0	10	0
6027	6/13	53° 10.01'	-168° 51.82'	105	6.0	351	20	171	21	0	145	0
6028	6/14	53° 10.09'	-169° 41.75'	176	6.0	497	25	43	6	0	75	0
6029	7/6	53° 21.00'	-166° 04.90'	230	6.0	0	0	0	0	0	0	5
6030	7/6	53° 20.58'	-166° 21.88'	124	6.0	12	1	13	2	25	20	0
6031	7/2	53° 20.13'	-166° 37.79'	70	6.0	24	2	155	24	0	165	0
6032	7/2	53° 20.02'	-166° 55.21'	49	6.0	466	25	261	41	0	129	0
6033	7/1	53° 19.89'	-167° 12.00'	39	6.0	387	16	232	42	0	55	10
6034	6/13	53° 20.04'	-168° 35.86'	43	6.0	226	8	78	11	0	206	0
6035	7/7	53° 30.82'	-165° 47.81'	91	6.0	28	2	53	9	5	80	5
6036	7/7	53° 30.35'	-166° 04.00'	71	6.0	13	1	169	26	0	139	0
6037	7/6	53° 30.24'	-166° 21.21'	62	6.0	87	5	184	30	0	25	0
6038	6/12	53° 29.93'	-167° 27.93'	43	6.0	407	19	191	32	0	85	0
6039	6/9	53° 40.47'	-164° 37.72'	173	6.0	13	1	99	13	20	0	10
6040	7/8	53° 40.41'	-164° 55.14'	173	6.0	0	0	17	2	20	0	5
6041	7/8	53° 40.34'	-165° 13.17'	187	6.0	0	0	10	1	35	0	0
6042	7/8	53° 40.12'	-165° 30.25'	83	6.0	14	1	78	11	20	135	0
6043	7/7	53° 39.91'	-165° 46.92'	68	6.0	162	12	521	83	0	25	0
6044	7/7	53° 39.90'	-166° 04.37'	48	6.0	422	15	137	25	0	54	0
6045	6/12	53° 40.03'	-167° 10.89'	33	6.0	828	30	194	30	0	69	0
6046	6/12	53° 39.94'	-167° 27.49'	162	6.0	554	29	200	26	59	182	5
6047	6/8	53° 49.92'	-163° 48.52'	49	6.0	341	22	375	54	0	96	5
6048	6/8	53° 50.05'	-164° 04.96'	42	6.0	787	44	270	36	0	59	5
6049	6/9	53° 49.94'	-164° 21.94'	48	6.0	147	11	157	24	0	159	0
6050	6/9	53° 49.83'	-164° 39.16'	54	6.0	27	2	169	27	0	55	0
6051	6/5	53° 49.89'	-164° 55.88'	61	6.0	12	1	135	25	0	25	0
6052	6/5	53° 49.94'	-165° 11.56'	57	6.0	0	0	134	25	10	35	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 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
6053	6/4	53° 49.97'	-165° 28.65'	48	5.9	114	6	197	40	0	69	0
6054	6/3	53° 49.95'	-165° 46.00'	41	5.9	23	1	76	19	0	25	0
6055	6/3	53° 49.94'	-166° 02.40'	42	5.9	255	13	166	31	0	24	0
6056	6/3	53° 49.99'	-166° 19.69'	140	6.1	434	18	44	5	0	148	0
6057	6/8	53° 59.94'	-164° 05.82'	40	6.0	251	14	73	12	0	104	0
6058	6/7	54° 00.08'	-164° 22.54'	56	6.0	0	0	154	30	0	205	0
6059	6/6	53° 59.98'	-164° 39.99'	53	6.0	147	10	299	56	0	39	0
6060	6/6	54° 00.02'	-164° 56.88'	43	6.0	22	1	82	20	0	60	0
6061	6/5	54° 00.03'	-165° 11.88'	40	6.0	657	22	33	5	0	111	0
6062	6/4	54° 00.02'	-165° 29.36'	39	6.0	15	1	50	13	0	69	0
6063	6/4	53° 58.67'	-165° 45.92'	48	6.0	1,389	53	211	38	0	5	0
6064	6/7	54° 10.06'	-164° 06.69'	37	6.0	91	5	204	33	0	131	0
6065	6/7	54° 10.02'	-164° 24.91'	48	6.1	85	5	153	36	0	81	0
6066	6/6	54° 08.02'	-164° 42.08'	41	6.0	151	4	35	10	0	74	0
7001	7/9	54° 30.26'	-165° 44.02'	205	6.0	24	2	86	14	0	0	0
7002	7/11	54° 30.11'	-166° 19.27'	269	6.0	170	9	10	1	5	0	25
7003	7/11	54° 29.96'	-166° 35.89'	264	6.1	210	12	0	0	0	0	5
7004	7/12	54° 30.14'	-166° 52.83'	259	5.3	110	5	0	0	9	0	9
7006	7/10	54° 39.98'	-165° 26.30'	113	6.0	15	1	18	3	0	155	0
7007	7/9	54° 39.95'	-165° 43.05'	182	6.0	68	5	139	18	0	0	0
7008	7/9	54° 40.08'	-166° 00.83'	178	6.0	25	1	41	6	0	0	0
7009	7/11	54° 40.05'	-166° 17.29'	172	5.9	79	4	0	0	0	10	0
7010	7/12	54° 40.01'	-166° 35.49'	184	6.0	109	5	47	5	0	0	5
7011	7/12	54° 39.92'	-166° 52.83'	207	6.0	464	23	76	8	0	0	10
7012	7/15	54° 40.02'	-167° 09.91'	247	6.0	83	4	0	0	0	0	15
7013	7/10	54° 50.00'	-165° 25.14'	82	6.0	0	0	29	6	0	80	0
7014	7/10	54° 49.97'	-165° 42.95'	84	6.0	0	0	91	15	0	157	0
7015	7/16	54° 49.83'	-166° 01.27'	85	6.0	89	6	50	7	0	130	0
7016	7/16	54° 50.02'	-166° 17.89'	89	6.0	56	3	46	6	0	25	0
7017	7/16	54° 50.05'	-166° 35.11'	107	6.0	159	8	0	0	0	0	0
7018	7/15	54° 49.89'	-166° 52.29'	144	6.0	15	1	0	0	0	0	0
7019	7/15	54° 49.99'	-167° 09.88'	192	6.0	1,850	112	238	26	0	0	5
7021	7/17	55° 00.03'	-166° 33.65'	79	6.0	116	5	20	2	0	40	0
7022	7/17	54° 59.98'	-166° 51.64'	83	6.0	96	5	0	0	0	60	0
7023	7/18	55° 00.18'	-167° 09.19'	94	6.0	339	17	27	3	0	130	0
7024	7/18	55° 00.05'	-167° 26.88'	159	6.0	1,210	67	140	15	15	20	0
7025	7/17	55° 10.18'	-166° 34.50'	76	6.0	0	0	17	2	0	85	0
7026	7/17	55° 10.02'	-166° 50.95'	78	6.0	392	18	28	3	0	150	0
7027	7/18	55° 10.11'	-167° 08.57'	81	6.0	179	9	24	3	0	111	0
7028	7/18	55° 09.95'	-167° 26.05'	87	6.0	314	18	130	15	0	100	0
7029	7/19	55° 10.02'	-167° 43.74'	164	6.0	1,223	70	108	12	0	35	0
7030	7/19	55° 20.13'	-167° 44.30'	89	6.0	128	6	4	1	0	230	0
7031	7/19	55° 19.98'	-168° 00.49'	192	6.0	314	19	29	3	0	30	20
7032	7/20	55° 30.05'	-168° 00.54'	78	6.0	35	3	37	6	0	155	0
7033	7/20	55° 30.17'	-168° 18.68'	130	6.0	152	9	18	2	0	145	0
7034	7/21	55° 40.16'	-168° 37.37'	78	6.0	0	0	49	9	0	220	0
7035	7/21	55° 49.98'	-168° 36.91'	78	6.0	42	2	53	8	0	104	0
7036	7/21	55° 49.95'	-168° 51.67'	146	5.9	194	13	91	10	0	74	10
7037	8/1	55° 59.95'	-168° 21.13'	91	6.0	134	9	70	9	0	40	0
7038	8/1	56° 00.15'	-168° 33.97'	132	6.0	362	17	8	1	0	85	0

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

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<sup>3</sup> Bycatch numbers extrapolated from 20% subsample.

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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
7039	7/26	56° 00.22'	-169° 47.91'	124	6.0	16	1	8	1	0	69	0
7040	7/25	56° 00.27'	-170° 06.15'	88	6.0	139	11	96	11	0	155	0
7042	7/31	56° 09.99'	-168° 19.11'	90	6.0	33	1	90	13	0	25	0
7043	8/1	56° 08.89'	-168° 37.34'	215	6.0	27	1	0	0	0	0	40
7044	8/1	56° 10.82'	-168° 51.98'	122	6.0	166	9	18	2	0	30	0
7045	7/26	56° 10.21'	-169° 31.65'	261	6.0	201	7	0	0	5	0	30
7046	7/25	56° 10.11'	-170° 41.77'	74	6.0	0	0	14	2	0	210	0
7049	7/30	56° 20.03'	-169° 13.36'	73	6.0	15	1	56	13	0	70	0
<b>108 Total Effective 4A Stations</b>					<b>Totals</b>	<b>33,720</b>	<b>1,611</b>	<b>12,048</b>	<b>1,832</b>	<b>276</b>	<b>8,045</b>	<b>267</b>

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