

**2011 IPHC Stock Assessment Survey
Area 4B**

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
6069	6/10	51° 30.00'	-176° 51.98'	192	6.0	904	41	8	1	20	45	40
6070	6/9	51° 30.13'	-178° 28.93'	101	6.0	590	23	70	10	0	54	0
6071	6/8	51° 30.02'	-178° 45.00'	120	6.0	163	8	131	22	10	69	10
6072	6/11	51° 40.00'	-175° 47.92'	256	6.0	0	0	0	0	45	0	5
6073	6/11	51° 39.99'	-176° 04.03'	155	5.9	642	32	46	6	5	10	5
6074	6/11	51° 39.98'	-176° 20.16'	81	5.9	51	4	97	16	0	44	0
6075	6/10	51° 40.00'	-177° 09.04'	64	6.0	231	13	224	35	0	135	15
6076	6/10	51° 40.00'	-177° 24.86'	73	6.0	263	13	56	9	0	119	5
6077	6/9	51° 40.03'	-178° 12.99'	36	5.9	749	30	212	28	0	78	0
6078	6/9	51° 40.00'	-178° 28.76'	239	6.0	848	30	0	0	25	0	0
6079	6/13	51° 50.00'	-174° 26.95'	119	6.0	696	41	154	18	0	30	0
6080	6/13	51° 49.99'	-174° 43.04'	116	5.9	215	10	39	5	0	0	0
6081	6/12	51° 50.00'	-174° 59.78'	115	6.0	657	33	110	13	0	31	0
6083	6/12	51° 50.00'	-175° 32.06'	90	5.9	177	9	152	20	0	10	0
6084	6/11	51° 50.00'	-175° 48.01'	66	5.9	126	9	418	65	0	49	0
6085	6/14	52° 00.00'	-173° 22.00'	38	6.0	665	22	63	9	0	74	0
6086	6/14	52° 00.00'	-173° 37.87'	42	5.9	527	19	134	20	0	64	0
6087	6/14	51° 59.99'	-173° 53.92'	45	5.9	357	9	82	10	0	39	0
6088	6/13	52° 00.00'	-174° 11.05'	52	6.0	42	3	255	48	0	10	0
6089	6/13	52° 00.00'	-174° 26.79'	39	6.0	382	13	68	10	0	59	0
6090	6/12	52° 00.00'	-174° 58.93'	35	6.0	84	3	85	15	0	123	0
6091	6/4	51° 59.99'	-176° 21.01'	81	6.0	318	21	258	35	0	20	0
6093	5/31	52° 09.93'	-172° 49.00'	78	5.9	1,022	32	107	16	0	128	0
6094	5/31	52° 10.04'	-173° 04.99'	46	5.9	642	33	375	53	0	59	0
6095	5/31	52° 10.21'	-173° 20.99'	49	5.9	1,008	43	202	30	0	0	0
6096	6/1	52° 10.00'	-173° 53.80'	46	5.9	109	6	139	21	0	54	0
6097	6/3	52° 10.16'	-174° 43.00'	62	5.9	433	18	27	4	0	25	0
6098	6/3	52° 10.14'	-174° 58.99'	65	6.0	598	28	207	30	0	5	0
6099	6/3	52° 10.02'	-175° 15.00'	135	6.0	644	26	128	17	0	129	0
6100	6/4	52° 10.00'	-175° 47.78'	180	5.9	573	23	55	8	0	0	19
6101	6/6	52° 10.12'	179° 28.00'	158	5.9	640	14	0	0	0	0	0
6102	6/7	52° 10.03'	-179° 42.00'	160	5.9	537	13	0	0	0	0	0
6103	6/6	52° 09.93'	179° 43.98'	50	5.9	284	9	6	1	0	0	0
6104	6/7	52° 09.94'	-179° 58.01'	54	5.9	45	1	0	0	0	5	0
6105	6/1	52° 19.96'	-173° 53.00'	59	6.0	196	9	154	23	0	25	0
6106	6/7	52° 20.07'	-179° 41.00'	164	5.9	42	1	0	0	0	0	41
6107	6/6	52° 20.05'	179° 45.00'	73	5.9	294	8	0	0	0	0	0
6108	6/7	52° 19.98'	-179° 57.00'	68	5.8	451	12	5	1	0	0	0
6109	6/1	52° 29.97'	-173° 36.98'	237	5.9	69	3	0	0	10	0	0
6110	6/5	52° 30.02'	-179° 41.03'	54	5.9	33	1	0	0	0	15	5
6111	6/5	52° 30.08'	179° 46.00'	229	5.9	0	0	0	0	0	0	5
6112	6/5	52° 39.95'	-179° 25.00'	62	6.0	202	4	0	0	0	10	0
6113	8/31	51° 20.00'	179° 06.92'	50	6.0	211	6	10	1	0	0	0
6114	8/31	51° 30.00'	178° 35.89'	122	6.0	142	4	0	0	0	5	24
6115	8/31	51° 27.99'	178° 51.84'	54	6.0	215	7	10	1	0	104	0
6116	8/26	51° 40.17'	175° 38.98'	85	5.9	0	0	0	0	0	0	5
6117	8/30	51° 39.99'	178° 03.99'	167	6.0	119	3	0	0	0	0	83
6118	8/30	51° 40.00'	178° 21.00'	80	5.9	115	6	9	1	0	10	0
6119	8/26	51° 50.13'	175° 39.00'	55	6.0	121	2	0	0	0	0	5
6120	8/26	51° 49.98'	175° 56.00'	63	6.0	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.

**2011 IPHC Stock Assessment Survey
Area 4B**

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
6121	8/28	51° 50.00'	177° 33.14'	53	5.9	333	4	0	0	0	113	34
6122	8/28	51° 50.00'	177° 49.09'	59	6.0	807	28	9	1	0	102	0
6123	8/29	51° 49.95'	178° 21.00'	113	6.0	2,292	54	23	3	0	55	0
6124	8/26	51° 59.97'	175° 56.00'	57	6.0	400	10	0	0	0	5	70
6125	8/27	52° 00.00'	176° 45.18'	51	5.9	377	13	59	7	0	66	10
6126	8/27	52° 01.21'	177° 16.00'	47	6.0	341	6	0	0	0	79	0
6127	8/28	51° 59.99'	177° 49.64'	66	6.0	129	7	44	6	0	25	0
6128	8/29	51° 59.99'	178° 21.89'	55	6.0	347	10	0	0	0	5	0
6129	8/24	52° 10.00'	173° 46.08'	79	5.8	207	4	17	3	0	5	10
6130	8/18	52° 10.00'	175° 07.06'	93	6.0	0	0	0	0	0	0	0
6131	8/18	52° 10.00'	175° 23.31'	200	6.0	213	5	0	0	5	0	40
6132	8/24	52° 20.00'	173° 28.64'	40	6.0	997	30	43	7	0	94	0
6133	8/24	52° 17.50'	173° 44.82'	39	6.0	343	9	36	5	0	173	0
6134	8/23	52° 20.03'	174° 02.00'	77	5.9	86	2	0	0	0	101	0
6135	8/25	52° 20.00'	174° 17.73'	94	6.0	371	15	0	0	0	61	0
6137	8/19	52° 29.99'	172° 55.77'	171	6.0	38	1	0	0	0	0	54
6138	8/19	52° 30.00'	173° 11.89'	61	6.0	490	14	53	6	0	55	0
6139	8/22	52° 30.00'	173° 28.77'	83	6.0	569	19	9	1	0	20	0
6140	8/23	52° 30.01'	174° 01.99'	67	5.8	861	37	59	6	0	68	0
6141	8/25	52° 29.98'	174° 18.00'	62	6.0	219	10	16	2	0	0	0
6142	8/25	52° 29.95'	174° 33.99'	187	5.8	475	17	0	0	0	0	24
6143	8/25	52° 30.16'	174° 51.00'	161	5.8	1,775	67	19	2	0	0	5
6144	8/19	52° 40.00'	172° 54.90'	65	6.0	502	18	52	6	0	50	0
6145	8/19	52° 40.05'	173° 12.00'	53	6.0	403	13	42	6	0	66	0
6146	8/22	52° 40.00'	173° 27.82'	52	6.0	177	6	9	1	0	20	0
6147	8/22	52° 39.99'	173° 44.96'	54	5.9	342	16	26	3	0	5	0
6148	8/23	52° 40.01'	174° 01.00'	39	6.0	414	15	38	5	0	15	0
6149	8/23	52° 39.98'	174° 18.01'	25	6.0	831	37	117	14	0	85	5
6150	8/21	52° 50.00'	172° 04.98'	133	6.0	1,569	77	88	10	0	0	40
6151	8/21	52° 50.02'	172° 21.98'	170	6.0	92	5	0	0	0	0	15
6152	8/21	52° 50.00'	172° 37.86'	54	6.0	947	34	128	15	99	0	0
6153	8/22	52° 50.00'	173° 44.95'	64	6.0	43	2	5	1	0	55	10
6154	8/20	53° 00.14'	170° 57.99'	276	6.0	0	0	0	0	0	0	0
6155	8/21	53° 00.00'	172° 20.90'	99	6.0	228	11	0	0	0	5	86
6156	8/20	53° 10.04'	170° 56.99'	63	6.0	36	1	0	0	0	0	0
6157	8/20	53° 20.01'	170° 38.98'	206	6.0	0	0	0	0	5	0	25
86 Total Effective 4B Stations					Totals	34,690	1,295	4,989	712	223	2,963	695

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.