

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
1001	Oregon	8/10	41° 59.98'	-124° 27.04'	51	7.0	0	0	0	0	0	0	0
1002	Oregon	8/10	42° 10.04'	-124° 27.04'	52	7.0	46	2	14	2	0	0	0
1003	Oregon	8/9	42° 20.08'	-124° 41.00'	147	7.0	38	3	8	1	40	0	0
1004	Oregon	8/9	42° 29.97'	-124° 41.02'	62	7.0	82	4	47	6	5	0	0
1005	Oregon	8/9	42° 39.95'	-124° 39.97'	78	7.0	0	0	0	0	0	0	0
1006	Oregon	8/8	42° 49.89'	-124° 40.08'	43	7.0	72	3	9	1	0	0	0
1007	Oregon	8/8	42° 49.94'	-124° 53.78'	208	7.0	167	9	8	1	110	0	0
1008	Oregon	8/7	43° 00.04'	-124° 40.03'	70	7.0	0	0	20	2	0	0	0
1009	Oregon	8/8	42° 59.98'	-124° 53.84'	210	7.1	0	0	0	0	80	0	0
1010	Oregon	8/7	43° 09.97'	-124° 39.98'	79	7.0	179	7	34	5	0	0	0
1011	Oregon	8/7	43° 20.10'	-124° 39.97'	101	7.0	0	0	8	1	0	0	0
1012	Oregon	8/5	43° 29.95'	-124° 26.02'	60	2.3	0	0	7	1	0	0	0
1013	Oregon	8/5	43° 30.00'	-124° 40.06'	202	7.1	0	0	0	0	79	0	6
1014	Oregon	8/4	43° 39.90'	-124° 26.17'	66	7.0	66	3	0	0	10	0	0
1015	Oregon	8/5	43° 40.00'	-124° 39.95'	222	7.0	0	0	0	0	30	0	0
1016	Oregon	8/4	43° 49.98'	-124° 26.02'	60	7.1	0	0	8	1	5	0	0
1017	Oregon	8/4	43° 50.05'	-124° 39.86'	191	7.1	0	0	0	0	111	0	0
1018	Oregon	8/2	43° 59.96'	-124° 25.99'	67	7.0	0	0	0	0	10	0	0
1019	Oregon	8/3	44° 00.00'	-124° 39.95'	74	7.0	0	0	0	0	50	0	5
1020	Oregon	8/3	44° 00.02'	-124° 54.04'	50	7.0	174	7	45	5	0	0	5
1021	Oregon	8/1	44° 10.09'	-124° 12.12'	30	7.0	0	0	0	0	0	0	0
1022	Oregon	8/2	44° 10.03'	-124° 26.01'	54	7.1	0	0	0	0	15	0	0
1023	Oregon	8/2	44° 09.98'	-124° 39.81'	64	7.0	0	0	0	0	5	0	0
1024	Oregon	8/3	44° 10.20'	-124° 54.07'	67	7.0	145	8	32	4	30	0	20
1025	Oregon	8/1	44° 20.04'	-124° 12.12'	30	7.0	0	0	0	0	0	0	0
1026	Oregon	7/31	44° 19.98'	-124° 26.23'	49	7.0	0	0	0	0	0	0	0
1027	Oregon	7/31	44° 20.02'	-124° 40.12'	51	7.0	557	19	39	5	0	0	35
1028	Oregon	8/1	44° 30.05'	-124° 11.97'	30	7.0	11	1	0	0	0	0	0
1029	Oregon	7/31	44° 29.98'	-124° 39.97'	109	7.0	36	2	10	1	50	0	0
1030	Oregon	7/27	44° 39.90'	-124° 11.18'	33	7.1	24	1	0	0	0	0	0
1031	Oregon	7/27	44° 40.02'	-124° 24.79'	52	7.0	63	5	102	13	0	0	5
1032	Oregon	7/30	44° 39.98'	-124° 39.99'	160	7.1	0	0	0	0	56	0	0
1033	Oregon	7/30	44° 39.95'	-124° 53.53'	271	7.0	0	0	0	0	25	0	0
1034	Oregon	7/27	44° 49.99'	-124° 11.07'	44	7.0	0	0	0	0	0	0	0
1035	Oregon	7/26	44° 50.06'	-124° 25.13'	82	7.1	43	3	26	3	15	0	0
1036	Oregon	7/30	44° 50.01'	-124° 38.96'	189	7.0	0	0	0	0	20	0	10
1037	Oregon	7/25	44° 59.93'	-124° 11.12'	60	7.0	0	0	0	0	0	0	0
1038	Oregon	7/26	44° 59.88'	-124° 25.11'	148	7.1	0	0	0	0	76	0	0
1039	Oregon	7/26	45° 00.19'	-124° 38.93'	252	7.0	0	0	0	0	35	0	5
1040	Oregon	7/25	45° 09.93'	-124° 11.09'	72	7.0	0	0	8	1	15	0	0
1041	Oregon	7/24	45° 09.99'	-124° 25.09'	203	7.1	0	0	0	0	40	0	5
1042	Oregon	7/25	45° 19.62'	-124° 10.96'	72	7.0	0	0	0	0	0	0	0
1043	Washington	7/24	45° 19.90'	-124° 25.16'	198	7.0	0	0	0	0	63	0	10
1044	Washington	7/24	45° 19.52'	-124° 39.16'	254	7.0	0	0	0	0	74	0	0
1045	Washington	7/23	45° 30.00'	-124° 10.95'	66	7.0	0	0	11	1	5	0	0
1046	Washington	7/22	45° 29.87'	-124° 25.13'	112	7.0	0	0	9	1	75	0	0
1047	Washington	7/22	45° 30.05'	-124° 38.98'	254	7.0	0	0	0	0	80	0	0
1048	Washington	7/23	45° 39.88'	-124° 10.03'	56	7.0	14	1	10	1	10	0	0
1049	Washington	7/23	45° 40.01'	-124° 25.02'	91	7.0	0	0	0	0	10	0	10
1050	Washington	7/22	45° 40.23'	-124° 38.93'	178	7.0	0	0	0	0	20	0	10
1051	Washington	7/18	45° 49.92'	-124° 10.15'	53	7.0	0	0	0	0	0	0	0
1052	Washington	7/21	45° 49.97'	-124° 25.16'	82	7.0	0	0	0	0	15	0	0
1053	Washington	7/21	45° 50.01'	-124° 39.01'	110	7.0	0	0	0	0	50	0	0
1054	Washington	7/18	45° 59.93'	-124° 09.57'	47	7.0	0	0	0	0	0	0	0
1055	Washington	7/18	46° 00.03'	-124° 24.02'	76	7.0	0	0	0	0	0	0	0
1056	Washington	7/21	45° 59.95'	-124° 38.98'	102	7.0	26	1	0	0	15	0	0
1057	Washington	7/17	46° 10.00'	-124° 38.97'	123	7.0	0	0	10	1	50	0	0
1058	Washington	7/17	46° 19.94'	-124° 23.96'	65	7.0	11	1	14	2	5	0	0
1059	Washington	7/17	46° 30.03'	-124° 24.06'	51	7.0	0	0	0	0	10	0	0
1060	Washington	7/16	46° 39.98'	-124° 24.00'	44	7.0	0	0	9	1	0	0	0
1061	Washington	7/16	46° 40.00'	-124° 37.97'	74	7.0	18	1	0	0	15	0	0
1062	Washington	7/15	46° 49.93'	-124° 24.06'	38	7.0	0	0	0	0	0	0	0
1063	Washington	7/16	46° 49.99'	-124° 37.98'	65	7.0	24	1	9	1	0	0	5

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
1064	Washington	7/14	46° 50.04'	-124° 53.05'	109	7.0	73	4	94	12	30	0	0
1065	Washington	7/15	47° 00.01'	-124° 24.10'	30	7.0	0	0	0	0	0	0	0
1066	Washington	7/15	47° 00.25'	-124° 38.03'	52	7.0	53	4	17	2	0	0	0
1067	Washington	7/14	46° 59.98'	-124° 53.01'	92	7.0	0	0	11	1	15	0	0
1068	Washington	7/13	47° 10.00'	-124° 24.13'	24	7.0	0	0	0	0	0	0	0
1069	Washington	7/13	47° 10.11'	-124° 37.95'	48	7.0	0	0	9	1	0	0	0
1070	Washington	7/14	47° 10.00'	-124° 53.12'	85	7.0	0	0	7	1	5	0	0
1071	Washington	7/13	47° 20.02'	-124° 38.04'	48	7.0	0	0	20	3	0	0	0
1072	Washington	7/3	47° 30.05'	-124° 53.00'	109	7.0	245	10	16	2	5	0	5
1073	Washington	7/3	47° 39.99'	-124° 38.71'	27	7.0	17	1	18	2	0	0	0
1074	Washington	7/3	47° 39.90'	-124° 53.02'	60	7.0	26	2	0	0	0	0	0
1075	Washington	7/4	47° 50.06'	-124° 53.20'	52	7.0	48	3	18	2	0	0	0
1076	Washington	7/4	47° 49.93'	-125° 07.91'	155	7.0	22	1	8	1	40	0	40
1077	Washington	7/9	47° 59.86'	-124° 52.92'	35	7.0	41	2	0	0	0	0	0
1078	Washington	7/4	47° 59.93'	-125° 08.03'	79	7.0	0	0	15	2	0	0	0
1079	Washington	7/7	48° 00.03'	-125° 37.86'	168	7.0	649	29	71	8	35	0	45
1080	Washington	7/9	48° 09.96'	-124° 53.12'	32	7.0	160	9	74	9	0	0	0
1081	Washington	7/5	48° 10.07'	-125° 07.79'	75	7.0	29	2	14	2	5	0	5
1082	Washington	7/5	48° 10.09'	-125° 23.05'	60	7.0	739	50	1,023	124	0	0	5
1083	Washington	7/7	48° 09.97'	-125° 38.07'	93	7.0	684	30	84	9	95	0	15
1084	Washington	7/8	48° 20.05'	-125° 23.27'	69	7.0	112	5	0	0	0	0	10
2001	Vancouver	5/28	48° 19.77'	-125° 38.00'	76	7.0	510	31	246	31	0	1	2
2002	Vancouver	5/29	48° 20.34'	-125° 53.00'	158	7.0	296	15	27	3	114	0	20
2003	Vancouver	5/28	48° 30.05'	-125° 23.00'	78	7.0	27	2	10	1	0	0	0
2004	Vancouver	5/28	48° 30.00'	-125° 37.92'	56	7.0	36	3	23	3	0	0	0
2005	Vancouver	5/29	48° 30.00'	-125° 53.03'	57	7.0	311	16	87	12	0	0	49
2006	Vancouver	5/29	48° 30.00'	-126° 07.14'	107	7.0	1,232	66	460	53	65	0	19
2007	Vancouver	5/30	48° 40.02'	-125° 07.07'	33	7.0	451	22	51	6	0	0	24
2008	Vancouver	5/30	48° 40.00'	-125° 22.16'	38	7.0	231	11	16	2	0	0	3
2009	Vancouver	5/30	48° 40.02'	-125° 38.32'	62	7.0	14	1	72	9	0	0	0
2010	Vancouver	6/3	48° 39.98'	-125° 52.93'	39	7.0	95	6	168	21	0	0	0
2011	Vancouver	6/6	48° 40.01'	-126° 08.09'	77	7.0	131	9	195	25	19	0	1
2012	Vancouver	6/3	48° 50.19'	-125° 37.02'	26	7.0	1,018	37	54	6	0	0	14
2013	Vancouver	6/3	48° 50.18'	-125° 52.98'	31	7.0	521	24	45	6	0	0	17
2014	Vancouver	6/6	48° 50.00'	-126° 08.02'	58	7.0	77	4	43	5	0	0	0
2015	Vancouver	6/6	48° 50.00'	-126° 22.88'	98	7.0	203	9	366	45	75	0	4
2016	Vancouver	6/2	49° 00.00'	-126° 08.08'	38	7.0	422	26	319	39	0	0	0
2017	Vancouver	6/2	49° 00.00'	-126° 23.03'	76	7.0	54	4	81	10	2	0	0
2018	Vancouver	6/2	49° 00.01'	-126° 37.90'	125	7.0	508	31	451	55	70	0	10
2019	Vancouver	5/31	49° 10.50'	-126° 22.10'	43	6.8	37	2	96	12	0	0	0
2020	Vancouver	5/31	49° 10.02'	-126° 37.65'	66	7.0	281	18	181	22	0	0	3
2021	Vancouver	6/1	49° 10.05'	-126° 52.99'	96	7.0	143	9	85	11	5	0	0
2023	Vancouver	5/31	49° 20.00'	-126° 23.07'	22	6.9	455	21	129	16	0	0	0
2024	Vancouver	5/31	49° 19.99'	-126° 38.60'	43	6.9	1,056	37	130	17	0	0	38
2025	Vancouver	6/1	49° 20.15'	-126° 53.03'	77	7.0	124	7	128	17	1	0	0
2026	Vancouver	6/7	49° 20.00'	-127° 09.25'	106	7.0	904	45	424	49	89	1	9
2027	Vancouver	6/1	49° 29.55'	-126° 38.00'	23	7.0	825	34	113	13	0	0	2
2028	Vancouver	6/1	49° 29.91'	-126° 53.00'	50	7.0	55	4	328	41	0	1	1
2029	Vancouver	6/7	49° 30.00'	-127° 09.52'	80	7.0	237	16	488	59	8	0	1
2030	Vancouver	6/7	49° 40.00'	-127° 09.29'	63	7.0	107	7	225	30	4	0	0
2031	Vancouver	6/8	49° 40.51'	-127° 24.02'	89	7.0	1,108	57	771	96	51	0	11
2032	Vancouver	6/8	49° 50.00'	-127° 24.09'	42	7.0	557	33	451	57	0	0	0
2033	Vancouver	6/8	49° 50.00'	-127° 39.75'	91	7.0	727	35	470	61	1	0	33
2034	Vancouver	6/8	49° 59.98'	-127° 39.88'	46	7.0	305	16	597	75	0	0	1
2035	Vancouver	6/9	50° 20.17'	-128° 11.00'	88	7.0	762	30	272	33	2	1	111
2037	Vancouver	6/9	50° 30.73'	-128° 27.00'	102	7.0	671	35	270	35	71	4	74
2038	Vancouver	6/17	50° 40.00'	-128° 28.29'	50	7.0	320	13	402	52	0	1	33
2039	Vancouver	6/17	50° 40.00'	-128° 44.17'	105	7.0	142	8	92	12	1	0	16
2040	Vancouver	6/17	50° 50.08'	-128° 28.01'	36	7.0	461	20	193	26	1	1	6
2041	Vancouver	6/15	51° 00.00'	-127° 56.88'	63	7.0	182	9	135	17	2	0	0
2042	Vancouver	6/15	50° 59.98'	-128° 13.01'	56	7.0	326	19	296	36	2	2	22
2043	Vancouver	6/15	51° 10.04'	-127° 56.00'	69	7.0	737	44	519	64	1	0	0
2044	Goose Is.	6/18	50° 50.00'	-128° 59.88'	47	7.0	760	20	178	22	0	0	34

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
2045	Goose Is.	6/18	50° 50.12'	-129° 16.00'	67	7.0	2,291	60	331	40	0	0	59
2046	Goose Is.	6/16	51° 00.23'	-128° 28.00'	53	7.0	458	22	439	58	0	0	0
2047	Goose Is.	6/10	51° 00.00'	-128° 44.31'	36	6.9	830	32	213	29	0	0	1
2048	Goose Is.	6/18	51° 00.00'	-129° 00.28'	46	7.0	93	3	38	5	0	0	0
2049	Goose Is.	6/18	51° 00.00'	-129° 15.33'	86	7.0	179	8	342	41	4	2	1
2050	Goose Is.	6/19	51° 00.00'	-129° 31.51'	131	7.0	234	9	67	8	9	0	26
2051	Goose Is.	6/16	51° 09.77'	-128° 11.99'	58	7.0	286	9	9	1	2	0	8
2052	Goose Is.	6/16	51° 10.29'	-128° 27.99'	107	7.0	332	20	230	25	9	0	2
2053	Goose Is.	6/10	51° 10.00'	-128° 44.05'	53	7.0	245	19	825	109	0	1	0
2054	Goose Is.	6/10	51° 10.00'	-129° 00.21'	73	7.0	632	40	737	101	8	1	1
2055	Goose Is.	6/19	51° 10.00'	-129° 15.96'	146	7.0	594	34	251	31	149	0	15
2056	Goose Is.	6/19	51° 10.00'	-129° 32.09'	155	4.5	224	15	121	15	53	0	0
2057	Goose Is.	6/12	51° 19.84'	-127° 54.89'	71	7.0	413	14	227	30	0	1	1
2058	Goose Is.	6/12	51° 20.00'	-128° 10.96'	47	7.0	55	4	190	27	0	0	0
2059	Goose Is.	6/11	51° 20.00'	-128° 27.00'	82	7.0	64	5	147	19	7	0	0
2060	Goose Is.	6/11	51° 20.00'	-128° 42.88'	115	7.1	124	8	23	3	3	0	2
2061	Goose Is.	6/21	51° 20.00'	-128° 58.80'	135	7.0	529	33	385	44	87	0	13
2062	Goose Is.	6/21	51° 19.99'	-129° 14.55'	128	7.0	187	13	370	42	40	0	39
2063	Goose Is.	6/20	51° 20.00'	-129° 31.26'	112	7.0	400	24	278	33	25	0	14
2064	Goose Is.	7/20	51° 20.00'	-129° 46.96'	132	7.0	199	7	54	6	5	0	9
2065	Goose Is.	6/12	51° 30.09'	-128° 11.00'	45	7.0	968	41	277	38	0	0	44
2066	Goose Is.	6/11	51° 30.00'	-128° 26.89'	103	7.0	543	26	42	5	3	1	4
2067	Goose Is.	6/11	51° 29.99'	-128° 43.02'	47	7.0	113	8	195	24	0	0	0
2068	Goose Is.	6/21	51° 30.00'	-128° 59.28'	24	6.8	495	24	236	27	0	0	0
2069	Goose Is.	6/20	51° 30.25'	-129° 16.00'	26	7.0	2,346	99	276	33	0	0	26
2070	Goose Is.	6/20	51° 30.14'	-129° 30.98'	53	7.0	1,631	65	377	44	0	0	110
2071	Goose Is.	7/20	51° 30.00'	-129° 46.91'	91	7.0	872	35	85	10	24	0	98
2072	Goose Is.	7/20	51° 30.00'	-130° 03.46'	153	7.0	807	29	9	1	69	0	71
2073	Goose Is.	6/25	51° 40.00'	-128° 25.88'	79	6.9	336	21	103	11	14	1	16
2074	Goose Is.	7/1	51° 39.98'	-128° 58.99'	28	7.0	230	16	136	17	0	0	0
2075	Goose Is.	6/30	51° 40.00'	-129° 15.88'	30	7.0	274	16	269	34	0	0	0
2076	Goose Is.	6/30	51° 40.00'	-129° 30.84'	53	7.0	566	38	472	55	0	0	7
2077	Goose Is.	7/5	51° 40.00'	-129° 46.93'	142	7.0	382	18	27	4	47	0	24
2078	Goose Is.	6/25	51° 49.94'	-128° 26.00'	90	7.0	548	28	203	26	1	0	44
2079	Goose Is.	6/25	51° 50.00'	-128° 41.99'	60	7.0	325	26	1,659	217	0	0	0
2080	Goose Is.	7/1	51° 50.00'	-128° 57.92'	45	7.0	518	36	685	85	0	0	21
2081	Goose Is.	7/1	51° 50.01'	-129° 14.05'	67	6.9	315	24	136	15	0	0	1
2082	Goose Is.	6/30	51° 50.00'	-129° 30.97'	139	7.0	631	29	107	13	28	0	47
2083	Goose Is.	6/28	51° 59.89'	-128° 42.00'	90	6.9	408	23	82	10	0	0	77
2084	Goose Is.	6/28	51° 59.98'	-128° 58.01'	81	7.0	945	56	274	31	2	1	2
2085	Goose Is.	6/26	52° 00.00'	-129° 14.25'	99	7.0	37	2	27	3	6	0	32
2086	Goose Is.	6/28	52° 10.07'	-128° 41.00'	123	7.0	828	26	6	1	8	0	108
2087	St. James	7/5	51° 40.00'	-130° 03.32'	192	6.9	587	15	52	6	115	0	24
2088	St. James	7/19	51° 40.01'	-130° 18.48'	140	7.0	1,134	40	65	8	43	0	71
2089	St. James	7/5	51° 49.97'	-129° 46.73'	143	7.0	275	10	47	7	24	0	18
2090	St. James	7/6	51° 50.01'	-130° 03.57'	99	7.0	1,299	44	57	6	20	0	102
2091	St. James	7/19	51° 50.00'	-130° 18.73'	117	7.0	1,207	41	239	29	33	0	74
2092	St. James	7/19	51° 50.00'	-130° 35.10'	161	7.0	767	28	69	9	92	0	26
2093	St. James	7/18	51° 50.16'	-130° 52.00'	102	5.5	857	28	104	12	14	0	126
2094	St. James	6/29	52° 00.00'	-129° 30.12'	113	7.0	451	20	48	5	66	0	61
2095	St. James	7/6	52° 00.26'	-129° 46.95'	62	7.0	932	41	1,059	147	0	0	36
2096	St. James	7/6	51° 59.99'	-130° 03.12'	77	7.0	1,113	57	665	83	0	2	4
2097	St. James	7/17	51° 59.93'	-130° 19.00'	194	7.0	233	3	8	1	62	0	6
2098	St. James	7/18	52° 00.06'	-130° 34.98'	135	7.0	653	22	61	8	69	1	13
2099	St. James	7/18	51° 59.86'	-130° 52.02'	107	7.0	471	14	69	9	0	0	11
2100	St. James	6/26	52° 10.00'	-128° 57.12'	90	7.0	514	25	53	6	0	0	45
2101	St. James	6/26	52° 09.99'	-129° 14.26'	96	7.0	136	6	51	6	6	1	9
2102	St. James	6/29	52° 10.00'	-129° 30.16'	116	7.0	203	5	25	3	8	0	34
2103	St. James	6/29	52° 10.00'	-129° 45.96'	114	6.9	191	9	12	2	2	0	111
2104	St. James	7/7	52° 10.00'	-130° 02.95'	94	7.0	395	22	428	50	0	1	7
2105	St. James	7/17	52° 10.33'	-130° 19.01'	218	7.0	90	2	0	0	160	0	8
2106	St. James	7/17	52° 09.99'	-130° 35.00'	106	7.0	1,100	37	137	16	7	1	35
2107	St. James	7/16	52° 10.00'	-130° 52.06'	123	7.0	933	44	209	23	11	0	11

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
2108	St. James	7/9	52° 19.84'	-129° 12.98'	83	7.0	1,995	116	382	46	0	4	16
2109	St. James	7/9	52° 19.96'	-129° 30.00'	96	7.0	912	28	101	12	2	1	28
2110	St. James	7/7	52° 20.00'	-129° 45.97'	115	7.0	834	32	34	4	0	0	166
2111	St. James	7/7	52° 20.00'	-130° 02.83'	124	7.0	275	16	68	8	2	1	25
2112	St. James	7/10	52° 20.12'	-130° 19.00'	194	7.0	353	11	0	0	81	0	7
2113	St. James	7/10	52° 20.06'	-130° 34.99'	91	7.0	555	20	46	6	0	0	7
2114	St. James	7/16	52° 20.06'	-130° 52.00'	80	7.0	366	16	115	14	2	0	0
2115	St. James	7/9	52° 30.02'	-129° 32.19'	50	7.0	1,266	41	363	45	0	0	27
2116	St. James	7/8	52° 30.00'	-129° 46.05'	99	7.0	1,943	62	39	4	38	5	38
2117	St. James	7/8	52° 30.00'	-130° 01.92'	147	7.0	1,643	47	32	4	26	0	54
2118	St. James	7/10	52° 29.95'	-130° 19.00'	140	7.0	1,339	42	13	2	31	2	12
2119	St. James	7/10	52° 29.74'	-130° 35.00'	66	7.0	1,021	40	175	20	0	0	71
2120	St. James	7/16	52° 29.61'	-130° 52.00'	58	7.0	679	19	272	32	0	0	32
2121	St. James	7/8	52° 40.00'	-129° 46.11'	103	7.0	929	28	20	3	7	2	17
2122	St. James	7/8	52° 40.00'	-130° 01.73'	145	7.0	561	16	8	1	49	0	24
2123	St. James	7/15	52° 39.97'	-130° 19.00'	123	7.0	855	25	7	1	26	0	73
2124	St. James	7/15	52° 40.00'	-130° 34.88'	79	7.0	1,022	39	90	10	7	0	45
2125	St. James	7/14	52° 50.00'	-130° 01.96'	141	7.0	379	14	14	2	99	0	21
2126	St. James	7/15	52° 50.00'	-130° 18.93'	115	7.0	449	15	16	2	7	0	44
2127	St. James	7/14	53° 00.00'	-129° 45.22'	125	7.0	264	14	72	10	41	1	84
2128	St. James	7/14	53° 00.21'	-130° 02.00'	98	7.0	523	19	54	6	9	1	70
2129	Charlotte	6/28	52° 29.98'	-131° 07.77'	49	7.0	806	35	258	32	0	1	23
2130	Charlotte	6/28	52° 30.33'	-131° 24.77'	104	7.0	526	25	61	7	5	1	6
2131	Charlotte	6/29	52° 39.74'	-130° 52.01'	53	7.0	230	12	16	2	0	0	1
2132	Charlotte	6/28	52° 40.03'	-131° 07.73'	40	7.0	573	27	206	24	0	0	3
2133	Charlotte	6/29	52° 49.87'	-130° 35.56'	63	7.0	302	17	102	12	0	3	0
2134	Charlotte	6/29	52° 48.50'	-130° 52.61'	29	7.1	993	27	79	9	0	0	0
2135	Charlotte	6/30	52° 59.81'	-130° 17.91'	115	7.0	521	22	0	0	54	0	47
2136	Charlotte	6/30	52° 59.83'	-130° 34.77'	51	7.0	61	5	87	11	0	0	0
2137	Charlotte	6/30	53° 10.18'	-130° 17.80'	80	7.1	454	14	135	18	3	0	33
2138	Charlotte	7/1	53° 10.09'	-130° 34.90'	104	7.0	197	11	25	3	4	0	6
2139	Charlotte	7/2	53° 10.01'	-130° 51.78'	58	7.1	186	11	36	4	0	0	1
2140	Charlotte	7/1	53° 19.80'	-130° 17.99'	58	7.1	411	21	91	11	10	10	4
2141	Charlotte	7/1	53° 19.99'	-130° 35.08'	61	7.0	1,011	59	584	72	2	1	21
2142	Charlotte	7/2	53° 19.84'	-130° 52.30'	72	7.0	1,220	65	80	9	1	2	1
2143	Charlotte	7/7	53° 19.93'	-132° 48.94'	74	7.1	1,293	36	328	45	0	0	24
2144	Charlotte	7/8	53° 20.74'	-133° 05.35'	116	7.0	3,332	88	82	10	28	0	15
2145	Charlotte	7/2	53° 29.82'	-130° 51.98'	52	7.0	292	20	281	35	1	2	0
2146	Charlotte	7/8	53° 30.20'	-133° 05.86'	199	7.1	439	17	41	5	73	0	170
2147	Charlotte	7/3	53° 39.73'	-130° 35.32'	22	7.0	282	17	107	13	0	0	0
2148	Charlotte	7/3	53° 39.78'	-130° 51.95'	24	7.0	484	25	580	79	0	0	1
2149	Charlotte	7/9	53° 40.28'	-133° 06.60'	78	7.1	1,129	45	917	111	0	0	46
2150	Charlotte	7/3	53° 49.82'	-130° 52.01'	49	7.1	774	50	475	57	4	1	0
2151	Charlotte	7/9	53° 59.45'	-133° 26.10'	42	7.0	1,994	66	155	19	0	0	61
2152	Charlotte	7/18	54° 09.99'	-130° 34.93'	59	7.1	163	10	39	5	3	0	0
2153	Charlotte	7/15	54° 10.12'	-132° 00.04'	39	7.0	242	20	1,229	172	0	1	0
2154	Charlotte	7/15	54° 09.92'	-132° 16.95'	49	7.1	129	9	478	62	0	2	1
2155	Charlotte	7/14	54° 10.03'	-132° 33.64'	46	7.1	167	9	552	81	0	2	0
2156	Charlotte	7/11	54° 10.08'	-133° 09.07'	34	7.1	773	31	200	25	0	0	73
2157	Charlotte	7/10	54° 10.05'	-133° 26.21'	217	7.0	146	7	20	3	89	0	124
2158	Charlotte	7/18	54° 20.27'	-130° 34.73'	50	7.0	240	8	150	19	1	1	21
2159	Charlotte	7/17	54° 19.93'	-131° 08.85'	35	7.0	336	22	995	122	0	6	0
2160	Charlotte	7/17	54° 19.76'	-131° 26.18'	91	7.1	303	23	720	89	16	2	59
2161	Charlotte	7/16	54° 19.86'	-131° 42.75'	100	7.1	454	30	405	50	5	1	17
2162	Charlotte	7/15	54° 20.08'	-132° 00.80'	135	7.1	897	28	86	10	112	0	42
2163	Charlotte	7/14	54° 19.84'	-132° 18.14'	119	7.0	1,576	63	148	20	40	7	36
2164	Charlotte	7/14	54° 20.09'	-132° 34.51'	144	7.0	717	29	71	8	77	3	110
2165	Charlotte	7/11	54° 20.20'	-132° 51.88'	212	7.1	856	37	107	13	164	0	25
2166	Charlotte	7/11	54° 20.12'	-133° 09.15'	253	7.1	1,346	39	86	11	139	0	54
2167	Charlotte	7/9	54° 19.91'	-133° 26.21'	121	7.1	682	30	373	46	18	0	103
2168	Charlotte	7/10	54° 19.91'	-133° 42.84'	134	7.1	1,243	63	639	77	10	1	5
2169	Charlotte	7/18	54° 29.94'	-130° 34.97'	62	7.0	184	9	86	11	3	0	1
2170	Charlotte	7/17	54° 29.90'	-131° 08.90'	74	7.0	450	30	321	37	7	3	1

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
2171	Charlotte	7/16	54° 29.88'	-131° 25.85'	58	7.0	2,053	87	532	64	4	1	41
2172	Charlotte	7/16	54° 30.07'	-131° 43.63'	186	7.1	272	11	60	7	108	0	15
3001	Ketchikan	6/4	54° 30.01'	-132° 00.97'	150	7.0	978	40	123	15	110	0	60
3002	Ketchikan	6/5	54° 29.99'	-132° 18.13'	194	7.0	149	10	105	14	55	0	25
3003	Ketchikan	6/5	54° 29.98'	-132° 34.69'	206	7.0	602	22	80	10	70	0	95
3005	Ketchikan	7/3	54° 30.00'	-133° 09.89'	109	7.0	310	11	50	6	5	0	95
3006	Ketchikan	7/2	54° 29.98'	-133° 26.96'	163	7.0	906	28	257	33	5	5	0
3007	Ketchikan	7/2	54° 29.98'	-133° 44.08'	138	7.0	1,844	79	619	78	5	0	0
3008	Ketchikan	5/31	54° 39.87'	-130° 49.89'	156	7.0	768	35	237	30	30	0	5
3009	Ketchikan	5/31	54° 40.00'	-131° 08.19'	116	7.0	659	33	395	50	36	0	0
3010	Ketchikan	5/31	54° 40.00'	-131° 25.15'	125	7.0	425	28	479	58	15	0	30
3011	Ketchikan	6/4	54° 40.00'	-131° 42.07'	220	7.0	150	7	53	7	80	0	20
3012	Ketchikan	6/4	54° 40.01'	-131° 59.17'	102	7.0	840	39	487	61	5	5	60
3013	Ketchikan	6/5	54° 40.02'	-132° 16.96'	58	7.0	1,162	38	461	58	0	15	50
3014	Ketchikan	6/6	54° 40.03'	-132° 33.80'	101	7.0	950	32	107	14	10	10	20
3015	Ketchikan	6/6	54° 40.00'	-132° 50.84'	73	7.0	848	32	167	23	0	0	15
3016	Ketchikan	7/3	54° 40.02'	-133° 09.06'	121	7.0	986	30	84	11	0	10	45
3017	Ketchikan	7/3	54° 40.02'	-133° 26.12'	165	7.0	700	30	289	33	55	0	20
3018	Ketchikan	7/2	54° 40.01'	-133° 42.94'	130	7.0	1,096	35	400	50	15	0	20
3019	Ketchikan	7/1	54° 39.97'	-133° 59.92'	122	7.0	2,183	90	1,111	138	10	0	0
3020	Ketchikan	6/1	54° 49.99'	-131° 07.13'	136	7.0	83	3	53	6	0	0	0
3021	Ketchikan	5/30	54° 50.00'	-131° 41.94'	221	7.0	415	14	41	5	20	0	35
3022	Ketchikan	6/6	54° 50.25'	-132° 34.16'	182	7.0	1,033	41	92	12	25	5	15
3023	Ketchikan	6/7	54° 49.98'	-133° 09.02'	105	7.0	736	22	118	14	5	5	30
3024	Ketchikan	6/7	54° 50.00'	-133° 25.85'	63	7.0	346	24	894	130	0	5	5
3025	Ketchikan	7/1	54° 50.02'	-133° 42.78'	74	7.1	923	45	883	111	0	0	10
3026	Ketchikan	7/1	54° 49.98'	-134° 00.80'	105	7.0	391	15	248	32	5	10	0
3027	Ketchikan	6/1	55° 00.00'	-131° 06.03'	137	7.0	1,033	37	141	19	15	0	5
3028	Ketchikan	5/30	54° 59.96'	-131° 40.97'	115	7.0	537	22	308	39	10	5	20
3029	Ketchikan	6/7	55° 00.00'	-133° 25.95'	51	7.0	1,063	55	870	120	0	0	25
3030	Ketchikan	6/30	54° 59.99'	-133° 42.97'	57	7.0	1,167	31	665	100	0	0	0
3031	Ketchikan	6/1	55° 09.96'	-131° 05.96'	95	7.0	527	21	77	10	0	5	5
3032	Ketchikan	5/30	55° 10.05'	-131° 41.02'	74	7.1	77	2	27	3	0	0	0
3033	Ketchikan	5/29	55° 09.98'	-131° 56.03'	174	7.0	1,031	37	290	36	10	0	39
3034	Ketchikan	6/8	55° 10.00'	-133° 26.09'	45	7.0	661	23	39	5	0	0	90
3035	Ketchikan	5/29	55° 19.95'	-131° 57.95'	222	7.0	121	4	7	1	5	0	15
3036	Ketchikan	5/29	55° 29.05'	-131° 58.29'	166	7.0	287	11	87	12	15	0	35
3037	Ketchikan	5/28	55° 39.91'	-132° 14.97'	218	7.0	552	22	122	14	85	0	25
3038	Ketchikan	5/28	55° 45.04'	-132° 27.08'	135	7.0	442	14	35	5	10	0	75
3039	Ketchikan	5/28	55° 49.99'	-132° 14.80'	124	7.0	840	28	75	9	0	5	25
3040	Ketchikan	5/27	56° 00.02'	-132° 32.09'	122	7.1	918	30	55	7	0	10	15
3041	Ketchikan	5/27	56° 01.17'	-132° 45.09'	199	7.0	101	7	0	0	34	0	5
3042	Ketchikan	5/27	56° 11.01'	-132° 49.89'	83	7.0	356	16	80	10	0	5	0
3043	Ommaney	6/30	55° 00.16'	-134° 01.02'	82	7.0	1,530	68	880	106	0	0	25
3044	Ommaney	6/30	54° 59.98'	-134° 17.98'	116	7.0	1,471	71	397	47	0	5	5
3045	Ommaney	6/8	55° 09.95'	-133° 43.14'	85	7.0	526	39	1,314	165	0	5	0
3046	Ommaney	6/21	55° 10.00'	-134° 01.07'	93	7.0	1,572	74	617	75	5	0	15
3047	Ommaney	6/8	55° 19.98'	-133° 44.07'	39	7.0	1,015	51	1,083	153	0	0	25
3048	Ommaney	6/21	55° 20.03'	-134° 01.00'	63	7.0	739	40	1,210	167	0	5	0
3049	Ommaney	6/21	55° 19.97'	-134° 18.84'	101	7.0	917	35	290	35	10	5	89
3050	Ommaney	6/22	55° 19.96'	-134° 35.96'	110	7.0	845	44	251	32	25	5	65
3051	Ommaney	6/20	55° 30.01'	-134° 00.87'	50	7.0	995	35	839	119	0	0	20
3052	Ommaney	6/22	55° 29.99'	-134° 19.16'	90	7.0	266	10	82	9	0	0	5
3053	Ommaney	6/22	55° 29.94'	-134° 37.16'	110	7.0	1,121	49	213	26	40	10	5
3054	Ommaney	6/29	55° 30.00'	-134° 53.84'	160	7.0	2,180	99	404	48	15	0	5
3055	Ommaney	6/20	55° 40.05'	-134° 01.27'	107	7.0	655	29	95	13	10	35	25
3056	Ommaney	6/20	55° 40.00'	-134° 19.17'	114	7.0	507	24	97	13	10	0	5
3057	Ommaney	6/29	55° 39.97'	-134° 36.80'	112	7.0	1,173	48	131	16	5	20	0
3058	Ommaney	6/29	55° 40.00'	-134° 55.05'	109	7.0	1,013	40	273	38	25	5	55
3059	Ommaney	6/23	55° 49.94'	-133° 26.20'	38	7.0	1,059	38	71	9	0	5	15
3060	Ommaney	6/23	55° 49.97'	-133° 44.32'	67	7.0	685	18	100	12	0	0	100
3061	Ommaney	6/9	55° 50.03'	-134° 02.27'	150	3.7	365	17	46	5	9	5	0
3062	Ommaney	6/13	55° 50.04'	-134° 37.20'	81	7.0	346	11	119	16	5	0	79

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
3063	Ommaney	6/13	55° 50.01'	-134° 54.94'	102	7.0	1,003	49	555	71	0	10	10
3064	Ommaney	6/14	55° 50.01'	-135° 12.79'	129	7.0	2,227	99	620	77	50	0	50
3065	Ommaney	6/23	55° 54.95'	-133° 34.83'	40	7.0	413	15	8	1	0	15	20
3066	Ommaney	6/9	56° 00.00'	-134° 01.91'	61	7.0	1,019	36	500	70	0	25	5
3067	Ommaney	6/9	56° 00.02'	-134° 20.16'	51	7.0	1,238	47	416	61	0	10	70
3068	Ommaney	6/13	55° 59.98'	-134° 37.88'	210	7.0	3,609	128	273	33	164	0	15
3069	Ommaney	6/14	56° 00.02'	-134° 55.01'	195	7.0	1,034	29	59	7	130	0	105
3070	Ommaney	6/14	56° 00.02'	-135° 12.80'	202	7.1	482	13	36	5	66	0	40
3071	Ommaney	6/24	56° 10.11'	-133° 44.39'	170	4.5	287	11	53	6	17	4	8
3072	Ommaney	6/12	56° 10.04'	-134° 20.04'	74	7.0	1,032	49	342	44	0	5	5
3073	Ommaney	6/15	56° 10.00'	-134° 38.08'	138	7.0	1,072	34	209	27	45	10	40
3074	Ommaney	6/15	56° 10.01'	-134° 55.81'	100	7.0	908	43	530	72	15	5	0
3075	Ommaney	6/15	56° 09.99'	-135° 13.93'	154	7.0	439	18	73	10	85	0	15
3076	Ommaney	6/24	56° 19.96'	-133° 43.81'	101	5.3	344	9	10	1	0	8	12
3077	Ommaney	6/12	56° 20.00'	-134° 20.05'	87	7.1	616	29	227	30	15	15	20
3078	Ommaney	6/16	56° 20.00'	-134° 56.08'	58	7.0	1,188	35	332	42	0	5	105
3079	Ommaney	6/16	56° 19.99'	-135° 13.83'	86	7.1	556	23	382	51	0	10	40
3080	Ommaney	6/16	56° 20.00'	-135° 32.00'	110	7.0	787	31	360	52	30	5	0
3081	Ommaney	6/24	56° 28.99'	-133° 44.27'	53	7.0	768	27	185	23	0	20	5
3082	Ommaney	6/12	56° 30.04'	-134° 19.95'	76	7.1	842	34	313	42	5	0	30
3083	Sitka	7/13	56° 30.00'	-135° 15.21'	60	7.0	766	34	343	45	0	5	15
3084	Sitka	7/13	56° 30.00'	-135° 32.88'	86	7.0	724	24	118	15	0	0	140
3085	Sitka	7/13	56° 39.83'	-135° 15.01'	24	7.0	445	13	8	1	0	0	35
3086	Sitka	7/12	56° 40.00'	-135° 34.00'	74	7.0	1,426	44	199	25	0	0	30
3087	Sitka	7/12	56° 40.00'	-135° 52.27'	132	7.0	1,154	56	270	30	35	10	15
3088	Sitka	5/25	56° 50.00'	-132° 49.73'	114	7.0	616	21	51	6	0	0	0
3089	Sitka	7/12	56° 50.00'	-135° 51.85'	103	7.0	707	35	131	16	10	5	45
3090	Sitka	5/25	56° 57.00'	-132° 58.16'	75	7.0	990	53	738	102	5	10	0
3091	Sitka	5/26	57° 00.01'	-134° 21.02'	189	7.0	1,295	64	486	62	250	0	0
3092	Sitka	7/11	57° 00.00'	-136° 00.25'	56	7.0	550	29	343	44	0	5	35
3093	Sitka	5/25	57° 03.00'	-133° 05.16'	77	7.0	571	19	135	20	0	0	0
3094	Sitka	5/26	57° 10.00'	-133° 44.99'	181	7.0	871	39	380	51	110	5	10
3095	Sitka	5/26	57° 10.00'	-134° 03.26'	157	7.0	1,454	74	786	102	110	15	5
3096	Sitka	5/27	57° 09.87'	-134° 39.89'	161	7.0	571	14	56	7	0	0	30
3097	Sitka	7/11	57° 10.01'	-135° 53.94'	39	7.0	600	26	473	66	0	0	5
3098	Sitka	7/11	57° 09.55'	-136° 11.87'	117	7.0	721	37	97	11	20	10	5
3099	Sitka	5/28	57° 20.00'	-133° 26.57'	80	7.0	335	9	24	3	0	5	5
3100	Sitka	5/28	57° 19.95'	-133° 44.99'	194	7.0	980	51	296	39	165	10	20
3101	Sitka	5/27	57° 19.91'	-134° 36.12'	177	7.0	445	22	208	27	20	0	55
3102	Sitka	7/10	57° 19.90'	-135° 55.18'	52	7.0	245	6	46	6	0	10	10
3103	Sitka	7/10	57° 20.00'	-136° 13.22'	96	7.0	129	4	33	4	0	0	20
3104	Sitka	5/28	57° 30.00'	-133° 45.17'	131	7.0	1,021	51	454	57	59	15	5
3105	Sitka	5/27	57° 31.28'	-134° 38.01'	127	7.0	428	14	76	11	15	20	30
3106	Sitka	7/10	57° 30.01'	-136° 14.15'	57	7.0	459	20	514	73	0	0	15
3107	Sitka	5/29	57° 40.00'	-133° 44.83'	183	7.0	1,384	71	212	27	0	0	0
3108	Sitka	7/9	57° 40.00'	-136° 33.20'	90	7.0	515	32	168	21	0	0	5
3109	Sitka	5/29	57° 50.00'	-133° 54.00'	185	7.0	1,415	79	391	45	0	0	0
3110	Sitka	7/9	57° 49.99'	-136° 34.32'	52	7.0	991	54	880	113	0	0	55
3111	Sitka	7/9	57° 50.00'	-136° 53.28'	212	7.0	66	2	9	1	84	0	40
3112	Sitka	5/29	58° 00.10'	-134° 03.97'	124	7.0	165	6	45	7	0	0	0
3113	Sitka	6/3	58° 00.00'	-136° 40.33'	66	7.0	1,307	59	606	75	0	20	25
3114	Sitka	6/2	58° 10.00'	-135° 01.67'	112	7.0	297	8	151	22	5	59	5
3115	Sitka	6/2	58° 10.00'	-135° 20.19'	94	7.0	122	7	179	23	5	0	5
3116	Sitka	6/3	58° 10.00'	-136° 35.96'	131	5.0	1,146	41	174	20	35	20	15
3117	Sitka	5/30	58° 12.00'	-134° 24.10'	41	7.0	31	2	0	0	0	0	0
3118	Sitka	5/30	58° 14.04'	-134° 41.03'	45	7.0	378	2	0	0	0	0	0
3119	Sitka	6/2	58° 15.00'	-135° 40.22'	58	7.0	663	27	666	98	0	0	0
3120	Sitka	6/3	58° 15.01'	-136° 26.05'	108	5.0	1,464	36	373	55	0	10	0
3121	Sitka	5/30	58° 20.00'	-134° 43.04'	44	7.0	0	0	5	1	0	0	5
3123	Sitka	6/1	58° 29.96'	-135° 02.03'	167	7.0	945	55	964	124	5	0	5
3124	Sitka	6/1	58° 40.00'	-135° 03.06'	162	7.0	273	18	201	29	0	0	0
4001	Fairweather	6/15	57° 49.98'	-137° 12.92'	172	7.0	375	15	10	1	205	0	140
4002	Fairweather	6/16	58° 00.36'	-136° 53.81'	227	7.0	60	2	0	0	252	0	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4003	Fairweather	6/15	58° 00.07'	-137° 12.32'	98	7.0	232	15	159	20	90	5	45
4004	Fairweather	6/15	57° 59.86'	-137° 30.69'	90	7.0	1,083	51	382	46	15	0	100
4005	Fairweather	6/17	58° 00.27'	-137° 49.77'	98	7.0	786	49	1,016	136	10	0	30
4006	Fairweather	6/16	58° 09.85'	-136° 55.09'	110	7.0	1,166	60	242	31	60	0	5
4007	Fairweather	6/16	58° 10.20'	-137° 10.69'	64	7.0	777	32	127	17	0	0	15
4008	Fairweather	6/17	58° 10.16'	-137° 29.61'	77	7.0	26	2	99	15	0	0	0
4009	Fairweather	6/17	58° 09.79'	-137° 48.95'	85	7.0	1,042	44	114	13	0	0	18
4010	Fairweather	6/18	58° 09.66'	-138° 08.09'	80	7.0	620	35	764	99	5	0	0
4011	Fairweather	6/19	58° 10.26'	-138° 26.91'	87	6.8	1,685	82	737	86	0	0	24
4012	Fairweather	6/19	58° 10.21'	-138° 45.70'	101	7.0	2,039	96	886	111	0	0	85
4013	Fairweather	5/30	58° 19.95'	-137° 10.07'	96	7.0	111	4	21	4	15	0	0
4014	Fairweather	5/30	58° 20.26'	-137° 29.38'	104	7.0	39	3	37	5	5	0	0
4015	Fairweather	6/18	58° 19.56'	-137° 47.98'	94	7.0	214	10	0	0	0	0	0
4016	Fairweather	6/18	58° 20.41'	-138° 06.01'	70	7.0	12	1	33	4	0	0	0
4017	Fairweather	6/11	58° 19.81'	-138° 26.47'	69	7.0	743	52	857	111	0	5	0
4018	Fairweather	6/12	58° 20.34'	-138° 45.32'	55	6.7	1,333	42	284	38	0	0	81
4019	Fairweather	6/13	58° 20.23'	-139° 04.54'	58	7.0	1,435	53	536	68	0	0	120
4020	Fairweather	6/9	58° 20.20'	-139° 22.81'	141	7.0	2,047	105	184	20	45	0	0
4021	Fairweather	5/30	58° 29.46'	-137° 29.07'	57	7.0	0	0	78	14	0	0	0
4022	Fairweather	5/31	58° 30.25'	-137° 46.64'	85	7.0	0	0	0	0	0	0	0
4023	Fairweather	5/31	58° 30.31'	-138° 06.83'	74	7.0	17	1	19	3	0	0	0
4024	Fairweather	6/11	58° 29.61'	-138° 26.48'	64	7.0	12	1	26	3	0	0	0
4025	Fairweather	6/10	58° 30.16'	-138° 44.75'	51	7.0	1,692	77	664	82	0	0	15
4026	Fairweather	6/10	58° 29.84'	-139° 04.17'	55	7.0	106	8	361	50	0	0	0
4027	Fairweather	6/9	58° 30.52'	-139° 22.20'	90	7.0	446	24	648	95	0	10	30
4028	Fairweather	6/9	58° 30.59'	-139° 40.56'	141	7.0	669	32	337	41	115	0	10
4029	Fairweather	5/31	58° 39.61'	-138° 05.05'	54	7.1	96	4	60	7	0	0	0
4030	Fairweather	6/11	58° 39.81'	-138° 24.74'	72	7.0	0	0	18	2	0	0	0
4031	Fairweather	6/10	58° 39.53'	-138° 43.58'	55	7.0	1,204	40	445	68	0	0	10
4032	Fairweather	6/8	58° 39.56'	-139° 04.06'	76	7.1	756	53	929	118	5	15	5
4033	Fairweather	6/5	58° 39.50'	-139° 22.60'	138	7.0	914	47	182	21	105	0	10
4034	Fairweather	6/5	58° 39.83'	-139° 41.20'	102	7.0	604	31	364	48	50	0	5
4035	Fairweather	6/4	58° 40.06'	-140° 00.48'	103	7.0	2,040	87	1,236	153	0	0	0
4036	Fairweather	6/1	58° 49.90'	-138° 05.78'	30	7.0	130	7	85	14	0	0	35
4037	Fairweather	6/1	58° 50.58'	-138° 23.96'	38	7.0	1,089	46	207	27	0	0	10
4038	Fairweather	6/8	58° 49.30'	-138° 43.64'	64	7.0	93	6	285	60	0	0	0
4039	Fairweather	6/8	58° 49.62'	-139° 02.54'	110	7.0	500	22	58	8	0	0	5
4040	Fairweather	6/5	58° 50.12'	-139° 21.61'	72	7.0	1,730	56	281	33	0	20	30
4041	Fairweather	6/4	58° 50.34'	-139° 42.03'	87	7.0	377	17	122	15	0	0	0
4042	Fairweather	6/4	58° 49.61'	-140° 00.48'	94	7.0	678	25	316	41	10	0	0
4043	Fairweather	6/1	59° 00.00'	-138° 24.80'	34	7.0	632	15	103	13	0	0	5
4044	Fairweather	6/2	58° 59.77'	-138° 42.07'	85	7.0	0	0	0	0	0	0	0
4045	Fairweather	6/2	59° 00.41'	-139° 02.46'	55	7.0	14	1	5	1	0	0	0
4046	Fairweather	6/3	59° 00.19'	-139° 21.77'	59	7.0	73	5	82	10	0	0	0
4047	Fairweather	6/3	59° 00.41'	-139° 41.38'	65	7.0	715	31	377	49	0	5	10
4048	Fairweather	6/2	59° 10.30'	-139° 01.86'	55	7.1	166	11	261	39	0	71	0
4049	Fairweather	6/3	59° 09.87'	-139° 19.52'	50	7.0	0	0	0	0	0	0	0
4051	Yakutat	6/4	58° 50.00'	-140° 20.31'	102	7.0	1,794	60	484	62	40	0	0
4052	Yakutat	7/7	58° 50.00'	-140° 40.27'	106	7.0	1,163	41	267	32	20	0	0
4053	Yakutat	6/4	59° 00.00'	-140° 00.94'	73	7.0	1,084	34	140	19	0	0	0
4054	Yakutat	6/4	59° 00.00'	-140° 19.93'	86	7.0	559	22	197	25	0	0	25
4055	Yakutat	7/7	59° 00.00'	-140° 38.84'	98	7.0	632	26	371	48	0	0	0
4056	Yakutat	7/7	59° 00.00'	-140° 58.99'	106	7.0	1,816	81	738	94	5	0	5
4057	Yakutat	6/6	59° 10.05'	-139° 41.59'	70	7.0	347	21	368	51	0	10	0
4058	Yakutat	6/6	59° 10.03'	-139° 59.21'	63	7.0	758	34	811	122	0	10	0
4059	Yakutat	6/5	59° 10.00'	-140° 20.52'	72	7.0	861	44	816	110	0	0	0
4060	Yakutat	6/5	59° 10.00'	-140° 38.28'	82	7.0	1,535	56	586	74	0	5	0
4061	Yakutat	7/5	59° 10.01'	-140° 58.92'	99	7.0	2,747	85	682	88	10	5	0
4062	Yakutat	7/5	59° 10.00'	-141° 17.62'	186	7.0	364	12	9	1	295	0	0
4063	Yakutat	7/6	59° 12.89'	-141° 39.44'	119	7.0	2,546	134	476	57	46	5	5
4064	Yakutat	6/6	59° 20.00'	-139° 39.73'	87	7.0	97	2	9	1	0	0	0
4065	Yakutat	6/6	59° 19.97'	-140° 00.20'	89	7.0	242	8	0	0	0	0	0
4066	Yakutat	6/5	59° 20.00'	-140° 20.52'	71	7.0	1,334	33	300	44	0	0	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4067	Yakutat	6/5	59° 20.00'	-140° 38.44'	78	7.0	591	14	402	60	15	0	0
4068	Yakutat	7/5	59° 19.98'	-140° 59.67'	88	7.0	728	27	387	54	20	0	0
4069	Yakutat	7/5	59° 20.00'	-141° 18.25'	184	7.0	393	13	0	0	248	0	35
4070	Yakutat	7/6	59° 20.00'	-141° 38.37'	104	7.0	486	21	152	19	5	5	0
4071	Yakutat	7/6	59° 20.00'	-141° 57.98'	120	7.0	970	52	384	50	30	15	0
4072	Yakutat	6/8	59° 30.00'	-140° 00.86'	64	7.0	27	2	5	1	0	0	0
4073	Yakutat	6/8	59° 30.10'	-140° 19.11'	125	7.0	2,361	64	33	4	115	0	105
4074	Yakutat	6/8	59° 30.00'	-140° 39.05'	154	6.8	466	16	0	0	126	0	39
4075	Yakutat	6/9	59° 30.00'	-140° 59.14'	163	7.0	596	18	36	4	114	0	104
4076	Yakutat	6/9	59° 30.00'	-141° 18.34'	91	7.0	468	30	108	13	0	10	0
4077	Yakutat	7/4	59° 30.00'	-141° 39.00'	90	7.0	119	7	0	0	0	0	0
4078	Yakutat	7/4	59° 30.00'	-141° 57.53'	99	7.0	39	2	0	0	0	0	0
4079	Yakutat	6/8	59° 39.98'	-139° 59.42'	78	7.0	861	28	237	29	30	55	0
4080	Yakutat	6/9	59° 39.98'	-140° 58.81'	30	7.0	57	3	11	2	0	5	0
4081	Yakutat	6/9	59° 40.00'	-141° 19.39'	35	7.0	147	7	91	13	0	35	0
4082	Yakutat	7/4	59° 40.00'	-141° 38.59'	51	7.0	635	18	132	18	0	0	0
4083	Yakutat	7/4	59° 40.00'	-141° 57.66'	80	7.0	187	7	28	3	5	0	0
4084	Yakutat	6/10	59° 40.01'	-142° 18.05'	120	7.0	1,401	51	111	14	20	0	0
4085	Yakutat	6/10	59° 40.00'	-142° 37.89'	212	7.0	867	33	61	7	200	0	35
4086	Yakutat	6/11	59° 40.00'	-142° 58.20'	111	7.0	2,186	100	205	25	10	5	0
4087	Yakutat	6/11	59° 40.00'	-143° 17.16'	151	7.0	1,069	31	51	6	302	0	20
4088	Yakutat	7/2	59° 40.00'	-143° 36.75'	84	7.0	2,102	65	401	53	10	30	15
4089	Yakutat	7/2	59° 40.00'	-143° 57.37'	69	7.0	3,475	141	414	58	0	35	5
4090	Yakutat	6/12	59° 40.00'	-144° 16.97'	89	7.0	449	20	150	20	25	5	5
4091	Yakutat	6/12	59° 40.00'	-144° 37.34'	81	7.0	568	26	145	18	10	5	0
4092	Yakutat	6/10	59° 50.00'	-141° 59.51'	39	7.0	208	5	127	19	0	5	0
4093	Yakutat	6/10	59° 50.01'	-142° 17.86'	48	7.0	2,461	92	911	125	0	25	0
4094	Yakutat	7/3	59° 50.00'	-142° 38.12'	88	7.0	2,256	63	227	27	0	0	5
4095	Yakutat	7/3	59° 50.00'	-142° 58.22'	94	7.0	188	8	0	0	5	0	0
4096	Yakutat	6/11	59° 50.00'	-143° 18.40'	122	7.0	970	34	93	12	40	10	0
4097	Yakutat	7/2	59° 50.00'	-143° 38.80'	153	7.0	125	4	50	6	70	0	115
4098	Yakutat	7/2	59° 50.02'	-143° 58.34'	51	7.0	576	17	374	54	0	10	0
4099	Yakutat	6/12	59° 50.02'	-144° 17.55'	35	7.0	154	5	25	3	0	135	0
4100	Yakutat	7/3	60° 00.00'	-142° 38.88'	44	7.0	578	24	317	45	5	5	5
4101	Yakutat	7/3	60° 00.01'	-142° 58.48'	62	7.0	823	20	118	15	15	5	0
4102	PWS	6/13	59° 20.00'	-146° 16.79'	148	7.0	667	33	138	17	54	0	129
4103	PWS	6/13	59° 20.00'	-146° 34.95'	81	7.0	1,179	52	249	31	5	35	0
4104	PWS	6/13	59° 20.00'	-146° 54.69'	106	7.0	526	28	81	10	10	0	0
4105	PWS	6/13	59° 20.00'	-147° 14.58'	103	7.0	426	23	58	7	5	5	0
4106	PWS	6/17	59° 30.00'	-145° 16.41'	74	7.0	1,564	54	396	50	0	5	35
4107	PWS	6/17	59° 30.00'	-145° 55.27'	92	7.0	733	46	339	43	10	10	0
4108	PWS	6/20	59° 30.00'	-146° 35.39'	51	7.0	1,018	33	258	37	0	0	15
4109	PWS	6/20	59° 30.01'	-146° 54.75'	107	7.0	292	16	134	16	0	0	5
4110	PWS	6/24	59° 29.98'	-147° 14.22'	119	7.0	341	16	94	13	50	0	5
4111	PWS	6/24	59° 30.04'	-147° 33.62'	63	7.0	270	13	106	15	0	10	0
4112	PWS	6/17	59° 40.00'	-145° 34.58'	58	7.0	215	15	213	27	0	0	0
4113	PWS	6/19	59° 40.00'	-145° 54.52'	44	7.0	785	42	581	72	0	0	0
4114	PWS	6/19	59° 40.00'	-146° 14.45'	45	7.0	750	44	732	94	0	0	0
4115	PWS	6/20	59° 40.02'	-146° 34.41'	48	7.0	1,595	88	851	105	0	15	15
4116	PWS	6/20	59° 40.01'	-146° 53.38'	62	7.0	226	13	167	21	0	0	0
4117	PWS	6/24	59° 39.98'	-147° 13.13'	97	7.0	702	34	68	9	5	30	15
4118	PWS	6/24	59° 40.02'	-147° 32.83'	65	7.0	191	11	59	7	0	5	0
4119	PWS	6/18	59° 50.02'	-144° 58.81'	109	7.0	555	16	51	6	20	109	0
4120	PWS	6/19	59° 50.02'	-145° 53.78'	57	7.0	48	3	45	6	0	0	0
4121	PWS	6/19	59° 50.00'	-146° 13.05'	34	7.0	1,667	111	945	117	0	0	0
4122	PWS	6/26	59° 50.01'	-146° 32.90'	39	7.0	3,692	168	1,126	132	0	0	0
4123	PWS	6/25	59° 50.01'	-146° 52.84'	42	7.0	498	37	875	122	0	0	0
4124	PWS	6/25	59° 50.00'	-147° 13.25'	75	7.0	1,132	46	268	31	0	20	25
4125	PWS	6/18	60° 00.03'	-144° 40.10'	127	7.0	272	10	9	1	20	25	0
4126	PWS	6/18	59° 59.98'	-144° 58.49'	75	7.0	150	9	8	1	0	0	0
4127	PWS	6/18	60° 00.00'	-145° 17.57'	68	7.0	552	23	131	16	0	5	0
4128	PWS	6/26	60° 00.01'	-146° 11.81'	34	7.0	3,096	121	1,086	137	0	0	0
4129	PWS	6/26	60° 00.01'	-146° 31.64'	38	7.0	746	47	1,582	220	0	0	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

**2009 IPHC Stock Assessment Survey
All Regions**

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4130	PWS	6/25	60° 00.00'	-146° 52.07'	80	7.0	165	9	82	11	10	30	0
4131	PWS	6/25	60° 00.00'	-147° 12.10'	100	7.0	293	10	57	8	5	55	5
4132	PWS	6/27	60° 10.01'	-145° 31.75'	50	7.0	321	14	103	14	0	40	0
4133	PWS	6/27	60° 10.00'	-145° 51.27'	60	7.0	351	16	76	10	0	79	0
4134	PWS	6/27	60° 10.00'	-146° 10.83'	45	7.0	454	30	410	64	0	64	0
4135	PWS	6/21	60° 10.00'	-147° 31.05'	39	7.0	431	21	340	48	0	75	5
4136	PWS	6/21	60° 10.00'	-147° 51.00'	175	7.0	717	44	299	37	10	105	30
4137	PWS	6/21	60° 20.27'	-147° 30.97'	69	7.0	710	31	197	25	0	124	15
4138	PWS	6/28	60° 30.01'	-146° 29.55'	36	7.0	373	21	528	71	0	5	0
4139	PWS	6/28	60° 30.02'	-146° 49.15'	225	7.0	555	19	23	3	110	0	10
4140	PWS	6/28	60° 30.00'	-147° 10.12'	115	7.0	674	35	116	16	0	30	5
4141	PWS	6/28	60° 30.00'	-147° 29.45'	107	7.0	274	15	213	26	0	64	30
4142	PWS	6/22	60° 29.01'	-147° 50.05'	213	7.0	722	40	123	14	20	25	50
4143	PWS	6/29	60° 40.00'	-146° 49.38'	232	7.0	750	37	121	13	54	20	0
4144	PWS	6/29	60° 40.00'	-147° 09.14'	131	7.0	895	41	202	25	35	45	5
4145	PWS	6/29	60° 50.00'	-147° 08.51'	168	7.0	665	29	171	21	0	45	15
4146	PWS	6/22	60° 50.33'	-148° 10.06'	196	7.0	584	34	126	14	0	0	25
4147	Seward	6/15	58° 39.98'	-148° 33.86'	129	6.4	58	3	23	3	23	0	5
4148	Seward	6/15	58° 40.11'	-148° 52.80'	93	7.0	662	42	351	42	15	119	5
4149	Seward	6/8	58° 50.36'	-148° 13.95'	151	7.0	1,200	73	234	29	75	0	95
4150	Seward	6/15	58° 47.27'	-148° 34.47'	148	7.0	884	43	28	3	315	0	10
4151	Seward	6/14	58° 49.94'	-148° 53.03'	138	7.0	1,201	58	75	9	250	0	60
4152	Seward	6/14	58° 49.80'	-149° 11.11'	110	7.0	655	33	99	12	155	20	15
4153	Seward	6/8	59° 00.36'	-147° 56.20'	185	7.0	774	38	122	14	245	0	5
4154	Seward	6/8	59° 00.13'	-148° 13.25'	107	7.0	717	34	210	27	118	46	15
4155	Seward	6/9	59° 00.22'	-148° 33.91'	133	7.0	394	22	48	7	139	0	0
4156	Seward	6/14	58° 57.35'	-148° 52.46'	139	7.0	331	17	42	5	205	0	0
4157	Seward	6/13	58° 59.91'	-149° 11.63'	120	7.0	214	10	116	14	129	10	0
4158	Seward	6/24	59° 00.12'	-149° 32.11'	126	7.0	266	14	71	8	100	5	5
4159	Seward	6/7	59° 10.21'	-147° 34.86'	67	7.0	1,419	72	312	40	94	94	0
4160	Seward	6/7	59° 10.22'	-147° 54.20'	109	7.0	571	28	86	10	30	10	0
4161	Seward	6/9	59° 09.85'	-148° 14.73'	67	7.0	1,857	80	474	62	0	50	50
4162	Seward	6/9	59° 09.97'	-148° 32.23'	82	7.1	385	17	46	6	58	31	0
4163	Seward	6/13	59° 09.90'	-148° 53.11'	97	7.0	372	14	84	9	20	25	0
4164	Seward	6/13	59° 09.79'	-149° 11.39'	88	7.0	958	44	208	27	15	111	0
4165	Seward	6/24	59° 09.64'	-149° 32.84'	91	7.0	168	11	114	15	10	80	0
4166	Seward	6/24	59° 10.03'	-149° 50.64'	70	7.1	413	24	301	40	0	5	0
4167	Seward	6/7	59° 19.76'	-147° 35.28'	67	7.1	1,450	37	37	5	0	60	10
4168	Seward	6/6	59° 20.02'	-147° 55.25'	100	7.0	384	18	152	21	15	5	0
4169	Seward	6/6	59° 20.00'	-148° 12.05'	85	7.0	1,181	62	248	30	0	60	10
4170	Seward	6/12	59° 20.20'	-148° 33.15'	50	7.0	2,775	99	939	128	0	0	60
4171	Seward	6/23	59° 20.16'	-148° 53.59'	93	7.0	1,020	46	185	24	15	15	0
4172	Seward	6/23	59° 20.45'	-149° 11.98'	100	7.0	1,100	60	254	30	45	50	0
4173	Seward	6/25	59° 20.03'	-149° 31.67'	68	7.0	1,790	91	284	34	0	155	0
4174	Seward	6/25	59° 20.23'	-149° 50.89'	103	7.0	514	21	27	4	25	30	0
4175	Seward	6/28	59° 20.17'	-150° 10.61'	86	7.0	475	20	67	7	0	30	0
4176	Seward	6/5	59° 30.28'	-147° 53.53'	61	7.0	1,116	45	575	75	0	60	0
4177	Seward	6/6	59° 30.00'	-148° 12.04'	113	7.0	174	8	82	11	40	40	0
4178	Seward	6/12	59° 29.88'	-148° 33.70'	52	7.0	680	19	602	84	0	125	0
4179	Seward	6/12	59° 30.07'	-148° 51.94'	91	7.0	129	8	51	7	0	20	0
4180	Seward	6/23	59° 29.94'	-149° 11.93'	123	7.0	435	21	38	4	95	70	0
4181	Seward	6/25	59° 29.76'	-149° 32.01'	55	7.0	1,597	76	795	123	0	10	0
4182	Seward	6/28	59° 29.98'	-149° 51.41'	111	7.0	784	20	18	2	40	25	0
4183	Seward	6/28	59° 29.85'	-150° 10.50'	73	7.0	497	27	192	22	0	30	10
4184	Seward	6/5	59° 39.98'	-147° 54.12'	36	7.0	4,545	176	1,112	134	0	0	25
4185	Seward	6/5	59° 39.90'	-148° 12.88'	69	7.0	104	6	93	11	0	75	0
4186	Seward	6/4	59° 40.10'	-148° 31.95'	112	7.1	242	13	50	7	20	30	0
4187	Seward	6/22	59° 39.92'	-148° 53.13'	96	7.0	336	16	72	11	5	15	0
4188	Seward	6/22	59° 39.75'	-149° 12.09'	112	7.1	1,038	44	102	13	66	17	6
4189	Seward	6/20	59° 39.84'	-149° 31.67'	152	7.0	113	6	117	14	25	45	0
4190	Seward	6/4	59° 50.02'	-148° 12.61'	49	7.0	434	23	221	34	0	94	0
4191	Seward	6/4	59° 50.11'	-148° 31.65'	74	7.0	312	14	39	5	5	15	0
4192	Seward	6/22	59° 49.38'	-148° 53.53'	90	7.1	199	6	29	4	10	0	5

¹ Skate = 1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4193	Seward	6/20	59° 49.59'	-149° 12.03'	73	7.0	288	15	62	8	0	25	0
4194	Seward	6/20	59° 50.05'	-149° 31.61'	95	7.0	390	21	123	16	0	20	0
4195	Gore Pt.	7/11	58° 00.32'	-149° 12.79'	75	7.0	4,308	227	910	109	0	0	10
4196	Gore Pt.	7/11	58° 09.71'	-148° 54.38'	69	7.0	4,228	195	679	86	0	20	15
4197	Gore Pt.	7/11	58° 09.83'	-149° 13.28'	63	7.0	1,020	56	704	83	0	75	55
4198	Gore Pt.	7/10	58° 10.29'	-149° 31.09'	56	7.0	2,029	86	159	19	0	55	35
4199	Gore Pt.	7/9	58° 09.93'	-149° 51.32'	78	7.0	1,620	103	478	55	5	50	0
4200	Gore Pt.	6/16	58° 19.73'	-148° 35.61'	92	7.0	1,241	68	673	98	25	125	0
4201	Gore Pt.	6/16	58° 20.29'	-148° 53.09'	68	7.0	550	33	355	51	0	144	5
4202	Gore Pt.	7/10	58° 19.84'	-149° 13.43'	85	7.0	2,581	167	421	48	5	85	5
4203	Gore Pt.	7/10	58° 19.77'	-149° 31.25'	83	7.1	1,718	110	663	80	15	91	0
4204	Gore Pt.	7/9	58° 20.07'	-149° 51.46'	41	7.0	1,741	135	2,373	279	0	0	0
4205	Gore Pt.	7/9	58° 19.70'	-150° 10.36'	28	7.0	2,602	150	1,752	223	0	0	0
4206	Gore Pt.	7/17	58° 20.23'	-150° 29.04'	31	7.0	290	21	509	76	0	0	0
4207	Gore Pt.	6/16	58° 29.53'	-148° 34.65'	70	7.0	2,889	146	852	113	0	25	5
4208	Gore Pt.	6/17	58° 30.25'	-148° 52.82'	61	7.1	615	26	467	62	0	157	15
4209	Gore Pt.	6/17	58° 30.23'	-149° 12.81'	92	7.0	327	20	165	20	0	75	0
4210	Gore Pt.	7/8	58° 30.13'	-149° 32.40'	76	7.0	590	38	280	36	0	180	0
4211	Gore Pt.	7/8	58° 30.00'	-149° 51.12'	75	7.0	598	42	369	46	10	75	0
4212	Gore Pt.	7/8	58° 29.65'	-150° 09.38'	48	7.1	710	50	926	131	0	5	10
4214	Gore Pt.	7/17	58° 29.81'	-150° 47.69'	53	7.0	870	58	506	64	0	100	0
4215	Gore Pt.	6/17	58° 40.06'	-149° 12.81'	73	7.0	537	30	401	57	15	40	5
4216	Gore Pt.	7/7	58° 40.19'	-149° 32.22'	73	7.1	622	25	123	16	35	152	0
4217	Gore Pt.	7/7	58° 40.26'	-149° 50.53'	83	7.0	379	23	109	13	10	65	0
4218	Gore Pt.	7/15	58° 40.04'	-150° 10.16'	68	7.1	2,405	133	804	97	5	81	0
4219	Gore Pt.	7/15	58° 40.15'	-150° 27.91'	107	7.0	372	23	226	30	60	100	0
4220	Gore Pt.	7/16	58° 40.05'	-150° 48.79'	110	7.0	677	39	165	21	130	65	0
4221	Gore Pt.	7/2	58° 40.09'	-151° 08.66'	104	7.0	239	14	55	7	70	85	0
4222	Gore Pt.	7/7	58° 49.80'	-149° 32.67'	121	7.1	417	20	30	4	162	5	10
4223	Gore Pt.	7/14	58° 50.01'	-149° 50.75'	130	7.0	536	27	40	4	140	5	5
4224	Gore Pt.	7/15	58° 49.56'	-150° 10.36'	89	7.0	422	22	162	18	115	175	0
4225	Gore Pt.	7/16	58° 49.83'	-150° 31.08'	98	7.0	254	16	124	14	115	110	0
4226	Gore Pt.	7/16	58° 50.11'	-150° 48.89'	94	7.1	213	14	77	9	121	126	0
4227	Gore Pt.	7/2	58° 49.84'	-151° 08.04'	75	7.0	420	27	170	21	5	25	0
4228	Gore Pt.	7/2	58° 49.73'	-151° 27.73'	62	7.0	97	7	328	53	0	185	30
4229	Gore Pt.	7/14	58° 59.67'	-149° 51.10'	121	7.0	223	10	119	3	120	5	5
4230	Gore Pt.	7/14	58° 59.68'	-150° 09.64'	104	7.0	184	8	20	2	165	100	0
4231	Gore Pt.	6/30	59° 00.09'	-150° 30.80'	64	7.0	325	17	187	23	0	49	0
4232	Gore Pt.	6/30	58° 59.93'	-150° 49.45'	87	7.0	610	29	190	25	5	20	0
4233	Gore Pt.	7/1	59° 00.19'	-151° 09.69'	78	7.0	953	48	194	23	0	30	0
4234	Gore Pt.	7/1	59° 00.08'	-151° 28.07'	68	7.0	1,254	75	1,022	130	0	40	0
4235	Gore Pt.	6/29	59° 09.93'	-150° 11.97'	69	7.0	43	3	7	1	0	5	0
4236	Gore Pt.	6/29	59° 09.91'	-150° 30.88'	65	7.1	302	20	135	18	0	45	0
4237	Gore Pt.	6/30	59° 09.96'	-150° 50.62'	61	7.0	1,751	93	910	114	0	55	30
4238	Gore Pt.	7/1	59° 10.09'	-151° 09.05'	30	7.0	3,028	194	1,300	155	0	0	25
4239	Gore Pt.	6/29	59° 19.75'	-150° 31.17'	133	7.2	792	36	79	9	41	265	5
4240	Portlock	8/23	57° 20.06'	-150° 46.30'	84	7.0	2,172	123	750	85	5	60	0
4241	Portlock	8/6	57° 30.65'	-150° 09.18'	223	7.0	29	2	0	0	65	0	20
4242	Portlock	8/23	57° 29.90'	-150° 28.18'	85	7.0	806	50	321	36	25	10	0
4243	Portlock	8/23	57° 29.91'	-150° 45.86'	54	7.0	1,072	67	811	99	0	165	0
4244	Portlock	8/6	57° 39.92'	-149° 50.66'	206	7.0	111	6	11	1	45	0	71
4245	Portlock	8/6	57° 39.92'	-150° 08.94'	116	7.0	1,151	68	171	19	136	5	0
4246	Portlock	8/25	57° 40.13'	-150° 28.46'	46	7.0	1,587	81	880	114	0	75	0
4247	Portlock	8/24	57° 39.80'	-150° 47.06'	47	7.0	2,372	123	1,074	123	0	80	0
4248	Portlock	8/24	57° 39.89'	-151° 04.76'	42	7.0	1,602	90	550	65	0	45	0
4249	Portlock	8/22	57° 39.90'	-151° 24.16'	34	7.0	746	51	584	68	0	0	0
4250	Portlock	8/3	57° 50.94'	-149° 31.99'	143	7.0	1,738	96	139	14	235	10	10
4251	Portlock	8/3	57° 49.84'	-149° 50.37'	140	7.0	1,913	105	494	52	30	5	0
4252	Portlock	8/5	57° 50.50'	-150° 08.87'	106	7.0	2,426	141	332	37	40	60	0
4253	Portlock	8/25	57° 49.93'	-150° 27.59'	51	7.0	1,233	78	1,117	132	0	5	0
4254	Portlock	8/24	57° 49.65'	-150° 45.94'	46	7.0	642	42	815	98	0	40	0
4255	Portlock	8/22	57° 49.75'	-151° 05.89'	38	7.0	1,231	59	509	59	0	55	0
4256	Portlock	8/22	57° 50.02'	-151° 23.58'	31	7.0	298	20	330	37	0	20	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4257	Portlock	8/19	57° 50.05'	-151° 43.46'	28	7.0	353	28	1,188	152	0	25	0
4258	Portlock	8/20	57° 49.84'	-152° 02.17'	52	7.0	745	50	817	104	0	55	0
4259	Portlock	8/3	58° 00.05'	-149° 32.23'	80	7.0	4,103	213	472	53	30	50	0
4260	Portlock	8/5	57° 59.98'	-149° 50.75'	125	6.9	1,545	80	98	10	201	10	0
4261	Portlock	8/5	58° 00.01'	-150° 08.34'	126	7.0	2,919	124	61	6	64	5	0
4262	Portlock	8/25	57° 59.67'	-150° 27.75'	89	7.0	1,003	63	318	36	10	45	0
4263	Portlock	8/14	57° 59.89'	-150° 47.30'	71	7.0	1,143	64	630	74	45	100	0
4264	Portlock	8/14	58° 00.16'	-151° 05.65'	45	7.0	1,930	108	1,402	167	0	5	0
4265	Portlock	8/19	57° 59.80'	-151° 25.12'	42	7.0	1,158	66	869	104	0	15	0
4266	Portlock	8/19	58° 00.03'	-151° 44.26'	65	7.0	705	54	552	61	5	20	0
4267	Portlock	8/20	57° 59.86'	-152° 03.04'	98	7.0	1,499	67	76	8	15	85	0
4268	Portlock	8/20	58° 00.11'	-152° 21.66'	153	7.0	785	38	16	2	15	110	0
4269	Portlock	8/26	58° 10.09'	-150° 10.43'	79	7.0	2,879	182	1,233	143	15	40	5
4270	Portlock	8/2	58° 09.95'	-150° 29.16'	63	7.0	1,641	108	1,262	145	0	55	0
4271	Portlock	8/2	58° 09.84'	-150° 47.66'	61	7.0	706	44	273	31	0	277	0
4272	Portlock	8/14	58° 10.00'	-151° 07.04'	81	7.0	1,276	91	523	61	45	25	0
4273	Portlock	8/13	58° 10.11'	-151° 25.06'	90	7.0	1,642	107	383	43	5	45	0
4274	Portlock	8/13	58° 09.47'	-151° 42.38'	36	7.0	2,886	157	1,195	144	0	0	0
4275	Portlock	8/2	58° 19.87'	-150° 48.05'	35	7.0	131	11	87	10	0	10	0
4276	Portlock	8/12	58° 19.88'	-151° 06.96'	70	7.0	971	67	357	41	0	25	0
4277	Portlock	8/12	58° 19.88'	-151° 25.75'	38	7.0	3,160	230	1,764	199	0	0	0
4278	Portlock	8/13	58° 19.86'	-151° 44.80'	30	7.0	2,579	140	532	62	0	0	0
4279	Portlock	8/12	58° 30.12'	-151° 06.99'	57	7.0	430	32	367	44	0	15	0
4280	Portlock	8/11	58° 30.02'	-151° 23.25'	93	7.0	1,987	124	428	48	65	40	0
4281	Portlock	8/11	58° 29.91'	-151° 45.42'	94	7.0	2,029	132	1,942	21	35	70	0
4282	Portlock	8/11	58° 39.95'	-151° 27.52'	102	7.0	1,283	70	237	27	88	107	0
4283	Portlock	8/10	58° 40.09'	-151° 45.84'	68	7.0	1,521	86	481	54	0	20	0
4284	Portlock	8/10	58° 39.92'	-152° 05.67'	70	7.0	1,319	75	200	23	20	5	0
4285	Portlock	8/10	58° 50.41'	-152° 06.03'	57	7.0	2,008	100	746	97	0	30	5
4286	Albatross	8/8	56° 19.99'	-152° 50.09'	61	7.0	2,939	150	366	46	0	79	10
4287	Albatross	8/2	56° 20.08'	-153° 08.03'	54	6.9	981	70	1,257	150	0	34	0
4288	Albatross	8/2	56° 19.96'	-153° 26.01'	33	7.0	2,766	121	1,120	131	0	0	0
4289	Albatross	8/9	56° 29.87'	-152° 15.02'	131	7.0	944	60	72	9	15	25	20
4290	Albatross	8/8	56° 30.00'	-152° 33.05'	146	7.0	2,218	125	356	39	50	0	20
4291	Albatross	8/8	56° 29.91'	-152° 51.00'	28	6.9	3,894	233	1,839	208	0	0	0
4292	Albatross	8/2	56° 30.07'	-153° 08.98'	39	7.0	1,244	86	1,511	188	0	15	0
4293	Albatross	8/1	56° 30.05'	-153° 26.99'	48	7.0	1,447	86	702	84	0	45	0
4294	Albatross	8/1	56° 30.00'	-153° 45.00'	38	7.0	2,168	76	197	23	0	50	0
4295	Albatross	8/10	56° 40.00'	-151° 56.97'	34	6.9	2,078	97	408	50	0	49	0
4296	Albatross	8/9	56° 40.00'	-152° 15.02'	25	7.0	4,118	251	1,070	125	0	5	0
4297	Albatross	8/9	56° 40.00'	-152° 34.05'	76	7.0	764	45	286	33	25	25	0
4298	Albatross	7/31	56° 39.95'	-152° 52.02'	38	7.0	1,400	84	1,193	154	0	15	0
4299	Albatross	7/31	56° 40.03'	-153° 10.02'	82	7.0	1,428	75	143	15	0	74	0
4300	Albatross	7/30	56° 39.99'	-153° 28.14'	78	6.9	1,104	55	122	14	0	260	0
4301	Albatross	8/1	56° 39.98'	-153° 46.02'	49	7.0	1,461	79	512	65	0	80	0
4302	Albatross	8/10	56° 50.00'	-151° 40.08'	165	7.1	1,871	97	205	23	76	0	56
4303	Albatross	8/10	56° 50.00'	-151° 58.09'	43	7.0	2,410	122	1,511	186	0	0	5
4304	Albatross	8/7	56° 50.00'	-152° 16.13'	53	7.0	2,100	129	1,050	124	0	65	0
4305	Albatross	8/7	56° 50.00'	-152° 35.01'	75	6.9	692	45	241	26	5	5	0
4306	Albatross	7/31	56° 50.00'	-152° 53.00'	34	7.0	917	61	1,693	212	0	40	0
4307	Albatross	7/30	56° 50.02'	-153° 10.86'	54	7.0	2,124	110	608	65	0	74	0
4308	Albatross	7/30	56° 50.00'	-153° 29.15'	51	7.0	1,620	65	373	48	0	25	0
4309	Albatross	8/11	56° 59.96'	-151° 40.00'	42	7.1	2,448	141	945	107	0	45	0
4310	Albatross	8/11	57° 00.00'	-151° 59.06'	45	7.0	400	27	806	105	0	104	0
4311	Albatross	8/7	57° 00.00'	-152° 17.04'	40	7.0	1,289	82	1,311	159	0	30	0
4312	Albatross	8/6	57° 00.01'	-152° 35.09'	83	7.0	1,240	82	360	42	25	0	0
4313	Albatross	8/6	56° 59.91'	-152° 54.03'	60	7.0	856	45	365	46	0	94	0
4314	Albatross	8/14	57° 10.00'	-151° 03.93'	217	7.0	165	10	0	0	167	0	44
4315	Albatross	8/14	57° 10.00'	-151° 22.06'	70	7.0	3,232	183	453	51	0	25	0
4316	Albatross	8/15	57° 10.01'	-151° 41.00'	39	7.0	925	62	697	83	0	168	0
4317	Albatross	8/11	57° 09.96'	-151° 59.02'	38	6.9	1,829	100	513	60	0	5	0
4318	Albatross	8/5	57° 10.04'	-152° 18.02'	42	7.0	739	44	266	29	0	0	0
4319	Albatross	8/6	57° 09.99'	-152° 36.26'	53	7.0	143	8	158	29	0	139	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
4320	Albatross	8/14	57° 20.00'	-151° 04.21'	49	7.0	997	62	457	53	0	238	0
4321	Albatross	8/13	57° 19.95'	-151° 22.97'	73	7.0	3,547	205	601	70	15	45	0
4322	Albatross	7/24	57° 20.00'	-151° 40.97'	34	7.0	1,397	66	711	86	0	119	0
4323	Albatross	8/5	57° 20.00'	-151° 59.94'	40	7.0	545	26	155	17	0	0	0
4324	Albatross	8/5	57° 20.00'	-152° 18.06'	22	7.0	1,279	48	27	3	0	0	0
4325	Albatross	8/13	57° 30.00'	-151° 05.05'	44	7.0	952	65	714	85	0	185	0
4326	Albatross	8/13	57° 30.02'	-151° 23.00'	47	7.0	567	42	589	71	0	50	0
4327	Albatross	7/24	57° 29.91'	-151° 42.00'	59	7.0	1,374	92	446	52	0	85	0
4328	Albatross	7/24	57° 29.92'	-152° 01.00'	25	7.0	3,181	161	847	97	0	15	0
4329	Albatross	7/23	57° 39.98'	-151° 42.88'	35	7.0	1,806	142	1,291	144	0	50	0
4330	Albatross	7/23	57° 39.97'	-152° 00.89'	94	7.0	840	44	227	27	0	90	0
4331	Shelikof	6/21	57° 30.16'	-154° 54.51'	126	7.0	368	15	34	4	69	114	0
4332	Shelikof	6/20	57° 40.08'	-154° 34.62'	119	6.9	1,151	54	116	14	78	49	0
4333	Shelikof	6/21	57° 39.84'	-154° 54.32'	127	7.0	1,021	53	27	3	74	35	0
4334	Shelikof	6/21	57° 40.14'	-155° 12.89'	161	7.0	1,310	65	157	18	50	5	0
4335	Shelikof	6/19	57° 50.05'	-154° 15.38'	112	6.9	1,386	80	193	21	29	54	0
4336	Shelikof	6/20	57° 50.04'	-154° 34.17'	126	7.0	843	43	87	9	50	20	0
4337	Shelikof	6/20	57° 49.89'	-154° 53.43'	158	7.0	757	39	55	6	54	0	0
4338	Shelikof	6/22	58° 00.02'	-153° 37.08'	91	7.0	3,011	182	917	102	0	40	0
4339	Shelikof	6/19	58° 00.23'	-153° 55.78'	108	6.9	1,373	67	132	17	39	25	0
4340	Shelikof	6/19	58° 00.01'	-154° 14.21'	125	7.0	887	49	167	19	74	5	0
4341	Shelikof	6/7	58° 09.94'	-153° 18.96'	53	7.0	532	30	548	88	0	163	0
4342	Shelikof	6/22	58° 10.02'	-153° 37.56'	106	7.0	1,449	65	167	18	5	15	0
4343	Shelikof	6/22	58° 09.86'	-153° 57.12'	115	7.0	765	41	185	21	10	25	0
4344	Shelikof	6/7	58° 20.04'	-153° 19.96'	94	7.0	1,132	60	196	17	10	30	0
4345	Shelikof	6/7	58° 19.88'	-153° 38.92'	95	7.0	1,107	50	124	14	0	168	0
4346	Shelikof	6/5	58° 20.02'	-153° 57.98'	48	6.9	1,931	77	211	27	0	147	0
4347	Shelikof	6/8	58° 29.94'	-153° 02.09'	93	7.0	531	30	146	18	5	54	0
4348	Shelikof	6/6	58° 30.07'	-153° 20.84'	97	7.0	642	34	204	26	0	114	0
4350	Shelikof	6/8	58° 40.16'	-152° 43.98'	109	7.0	325	20	160	20	45	89	0
4351	Shelikof	6/8	58° 39.82'	-153° 02.58'	86	7.0	1,757	78	190	23	0	124	0
4352	Shelikof	6/6	58° 39.99'	-153° 23.20'	23	7.0	806	51	502	70	0	218	0
4353	Shelikof	8/1	58° 50.08'	-152° 26.11'	96	7.0	1,356	72	96	10	5	85	0
4354	Shelikof	6/14	58° 49.94'	-152° 45.33'	104	7.0	404	24	76	10	25	10	0
4355	Shelikof	6/14	58° 49.91'	-153° 03.96'	91	7.0	608	35	196	25	0	213	0
4356	Shelikof	6/11	59° 00.02'	-151° 48.27'	76	7.0	1,978	135	1,443	179	0	40	0
4357	Shelikof	6/11	58° 59.91'	-152° 06.95'	75	7.0	2,517	166	1,517	196	0	15	0
4358	Shelikof	8/1	59° 00.10'	-152° 26.73'	78	7.0	921	46	243	29	25	25	0
4359	Shelikof	8/1	58° 59.98'	-152° 45.97'	91	7.0	602	39	144	16	0	134	0
4360	Shelikof	6/14	58° 59.98'	-153° 05.03'	84	7.0	1,365	64	162	20	0	60	0
4361	Shelikof	6/11	59° 09.87'	-152° 07.70'	77	6.9	1,422	88	1,515	186	0	5	0
4362	Shelikof	6/12	59° 10.04'	-152° 27.33'	57	7.0	335	24	877	132	0	20	0
4363	Shelikof	6/13	59° 10.15'	-152° 47.04'	76	7.0	506	27	202	29	0	94	0
4364	Shelikof	6/15	59° 10.07'	-153° 06.35'	47	7.0	851	31	310	41	0	34	0
4365	Shelikof	6/15	59° 09.93'	-153° 25.52'	23	6.9	3,181	139	197	25	0	167	0
4366	Shelikof	6/4	59° 19.98'	-152° 11.30'	40	7.0	2,052	125	1,392	184	0	0	0
4367	Shelikof	6/12	59° 19.98'	-152° 27.69'	42	7.0	1,021	68	1,428	203	0	30	0
4368	Shelikof	6/13	59° 19.96'	-152° 47.71'	44	7.0	566	36	508	72	0	10	0
4369	Shelikof	6/15	59° 19.99'	-153° 07.92'	28	6.9	429	22	208	27	0	206	0
4370	Shelikof	6/4	59° 29.89'	-151° 49.93'	37	7.0	1,108	56	212	30	0	50	0
4371	Shelikof	6/4	59° 30.04'	-152° 08.53'	21	7.0	1,673	80	1,591	207	0	15	0
4372	Shelikof	6/12	59° 29.91'	-152° 28.63'	30	7.0	1,024	57	1,589	240	0	74	0
4373	Shelikof	6/13	59° 29.92'	-152° 48.70'	29	7.0	1,791	92	516	65	0	110	0
4374	Shelikof	6/3	59° 40.08'	-152° 30.18'	43	7.0	1,800	87	227	28	0	104	0
4375	Shelikof	6/3	59° 49.73'	-152° 11.00'	26	7.0	813	58	1,802	232	0	5	0
5001	Trinity	8/10	55° 59.63'	-153° 36.36'	52	7.1	1,407	79	1,067	144	0	0	20
5002	Trinity	8/10	56° 00.52'	-153° 54.25'	56	7.0	1,349	74	607	91	0	20	0
5003	Trinity	8/9	56° 00.33'	-154° 13.74'	57	7.0	1,664	96	353	44	0	0	60
5004	Trinity	8/9	56° 00.42'	-154° 29.42'	228	7.0	26	2	0	0	100	0	55
5005	Trinity	8/7	56° 00.26'	-154° 48.78'	111	7.0	320	21	118	14	165	5	0
5006	Trinity	8/7	56° 00.05'	-155° 05.48'	33	7.0	162	13	861	114	0	275	0
5007	Trinity	8/11	56° 10.95'	-153° 36.65'	71	7.0	697	40	216	26	0	105	0
5008	Trinity	8/10	56° 09.50'	-153° 52.80'	126	7.0	995	60	37	4	10	10	10

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
5009	Trinity	8/8	56° 10.29'	-154° 11.26'	63	7.0	434	32	487	78	0	130	0
5010	Trinity	8/9	56° 10.18'	-154° 28.57'	50	7.1	1,555	89	901	117	0	61	10
5011	Trinity	8/7	56° 09.61'	-154° 46.78'	46	7.0	528	34	507	64	0	180	0
5013	Trinity	8/1	56° 10.43'	-155° 23.05'	20	7.0	1,197	69	1,025	138	0	65	0
5014	Trinity	8/1	56° 10.23'	-155° 40.62'	32	7.0	192	14	640	101	0	170	0
5015	Trinity	8/11	56° 19.43'	-153° 51.09'	48	7.1	1,207	46	589	78	0	20	0
5016	Trinity	8/8	56° 19.55'	-154° 11.05'	50	7.0	347	19	313	43	0	155	0
5017	Trinity	8/8	56° 19.38'	-154° 27.63'	37	7.0	701	34	304	37	0	110	0
5018	Trinity	8/2	56° 20.17'	-155° 21.88'	24	7.0	284	20	648	88	0	220	0
5019	Trinity	8/1	56° 19.69'	-155° 39.99'	38	7.0	312	12	318	45	0	210	0
5020	Trinity	8/2	56° 29.19'	-155° 21.37'	27	7.0	566	36	1,179	169	0	35	0
5021	Trinity	8/2	56° 29.88'	-155° 39.10'	59	7.0	142	9	473	70	0	270	0
5022	Trinity	8/6	56° 40.05'	-155° 01.73'	21	7.0	1,693	78	287	38	0	0	0
5023	Trinity	8/6	56° 40.24'	-155° 19.79'	52	7.0	760	45	407	53	0	160	0
5024	Trinity	7/31	56° 39.95'	-155° 38.87'	131	7.0	729	41	87	10	60	30	0
5025	Trinity	7/31	56° 40.15'	-155° 56.24'	159	7.0	603	35	72	8	55	65	0
5026	Trinity	8/5	56° 49.88'	-154° 23.82'	32	7.0	309	15	193	24	0	20	0
5027	Trinity	8/5	56° 50.34'	-154° 41.42'	27	7.0	774	50	397	54	0	15	0
5028	Trinity	8/6	56° 50.10'	-155° 00.54'	41	7.0	1,464	89	897	120	0	90	0
5029	Trinity	7/24	56° 50.53'	-155° 18.89'	126	7.0	714	43	78	8	50	70	0
5030	Trinity	7/23	56° 50.33'	-155° 37.17'	151	7.0	390	20	26	4	89	89	0
5031	Trinity	7/31	56° 49.52'	-155° 55.34'	162	7.0	96	5	0	0	170	115	5
5032	Trinity	8/5	56° 59.58'	-154° 40.77'	20	7.0	427	25	315	42	0	0	0
5033	Trinity	7/24	56° 59.61'	-154° 59.80'	62	7.0	1,063	68	797	99	0	75	0
5034	Trinity	7/24	56° 59.75'	-155° 17.04'	136	7.0	471	27	57	6	85	45	0
5035	Trinity	7/23	56° 59.78'	-155° 36.23'	153	7.0	404	21	19	3	60	35	0
5036	Trinity	7/23	57° 00.16'	-155° 53.66'	163	7.0	276	12	21	2	104	188	0
5037	Trinity	7/25	57° 10.03'	-154° 40.77'	36	7.1	994	49	419	59	0	61	0
5038	Trinity	7/25	57° 10.29'	-154° 56.63'	101	7.0	1,049	50	184	22	10	155	0
5039	Trinity	7/30	57° 10.13'	-155° 15.49'	133	7.0	222	15	33	4	55	100	0
5040	Trinity	7/30	57° 10.04'	-155° 34.70'	146	7.0	661	33	54	6	104	84	0
5041	Trinity	7/22	57° 09.96'	-155° 53.47'	142	7.0	219	9	59	7	50	240	0
5042	Trinity	7/26	57° 19.24'	-154° 55.13'	76	6.6	803	41	382	42	0	98	0
5043	Trinity	7/30	57° 19.51'	-155° 14.75'	133	7.0	583	33	78	9	85	50	5
5044	Trinity	7/20	57° 19.98'	-155° 34.47'	153	7.1	644	35	96	11	146	5	0
5045	Trinity	7/22	57° 19.98'	-155° 51.89'	62	7.1	581	27	124	14	0	247	0
5046	Trinity	7/22	57° 20.30'	-156° 10.64'	90	7.0	169	10	130	15	0	190	0
5047	Trinity	7/20	57° 29.69'	-155° 14.04'	138	7.1	423	18	16	2	111	35	0
5048	Trinity	7/20	57° 29.66'	-155° 32.55'	163	7.0	999	58	211	23	150	40	0
5096	Chignik	6/28	54° 50.11'	-157° 33.05'	221	7.0	316	21	106	12	110	0	25
5097	Chignik	7/12	54° 50.00'	-157° 50.00'	91	7.0	249	17	382	53	0	55	0
5098	Chignik	6/28	55° 00.00'	-157° 14.97'	106	7.0	589	39	496	61	10	5	0
5099	Chignik	6/28	55° 00.05'	-157° 32.02'	53	7.0	2,323	143	409	56	0	130	10
5100	Chignik	7/12	55° 00.00'	-157° 49.98'	45	7.0	2,071	106	636	79	0	125	5
5101	Chignik	7/12	54° 59.99'	-158° 07.05'	71	7.0	314	18	482	75	0	45	0
5102	Chignik	6/10	55° 10.02'	-156° 21.99'	288	6.8	0	0	0	0	116	0	0
5103	Chignik	6/30	55° 10.17'	-156° 39.03'	285	7.0	32	2	10	1	203	0	0
5104	Chignik	6/29	55° 10.02'	-156° 57.06'	85	7.0	414	31	374	47	0	223	0
5105	Chignik	6/29	55° 10.01'	-157° 13.82'	61	6.8	829	51	750	110	0	78	0
5106	Chignik	7/11	55° 10.00'	-157° 32.03'	46	7.0	1,830	88	1,106	151	0	5	0
5107	Chignik	7/11	55° 09.98'	-157° 48.83'	43	7.0	1,100	55	919	132	0	15	0
5108	Chignik	6/27	55° 10.04'	-158° 07.02'	56	7.0	1,163	59	643	94	0	10	0
5109	Chignik	6/30	55° 20.00'	-156° 38.88'	64	7.0	1,126	68	1,337	186	0	75	0
5110	Chignik	6/30	55° 19.98'	-156° 55.96'	50	7.0	428	25	502	82	0	203	0
5111	Chignik	6/29	55° 19.99'	-157° 14.01'	49	6.8	643	34	581	88	0	155	0
5112	Chignik	7/11	55° 19.99'	-157° 31.06'	48	7.1	261	17	821	128	0	81	0
5113	Chignik	7/10	55° 19.98'	-157° 48.99'	44	7.1	284	13	1,023	176	0	5	0
5114	Chignik	7/13	55° 20.02'	-158° 05.85'	59	7.0	405	25	648	92	0	25	0
5115	Chignik	6/27	55° 19.93'	-158° 24.03'	80	6.9	795	48	488	64	5	92	0
5116	Chignik	6/9	55° 29.77'	-156° 38.00'	97	6.8	2,678	167	618	77	19	39	0
5117	Chignik	6/9	55° 30.00'	-156° 55.36'	48	6.7	2,044	112	1,076	133	0	101	5
5118	Chignik	7/9	55° 29.96'	-157° 13.02'	47	7.0	1,274	65	1,490	200	0	10	0
5119	Chignik	7/10	55° 29.99'	-157° 31.11'	52	6.9	570	27	369	54	0	162	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

**2009 IPHC Stock Assessment Survey
All Regions**

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
5120	Chignik	7/10	55° 29.99'	-157° 47.84'	53	6.9	252	14	702	104	0	39	0
5121	Chignik	7/13	55° 30.00'	-158° 06.16'	71	7.0	551	36	795	104	0	30	0
5122	Chignik	7/13	55° 29.99'	-158° 24.00'	80	7.0	637	42	483	59	0	114	0
5123	Chignik	7/9	55° 40.00'	-156° 55.09'	49	7.0	481	25	909	133	0	35	0
5124	Chignik	7/9	55° 39.99'	-157° 12.84'	47	7.0	429	17	603	100	0	35	0
5125	Chignik	7/8	55° 39.94'	-157° 29.99'	55	7.0	578	42	1,221	173	0	59	0
5126	Chignik	7/18	55° 40.01'	-157° 48.05'	73	7.0	485	33	613	76	0	188	0
5127	Chignik	7/18	55° 39.99'	-158° 06.01'	69	7.0	661	42	555	71	5	100	0
5128	Chignik	7/19	55° 40.00'	-158° 23.05'	71	7.0	1,019	71	914	116	0	80	0
5129	Chignik	7/19	55° 40.01'	-158° 40.88'	48	7.0	344	19	1,169	165	0	5	0
5130	Chignik	7/8	55° 49.98'	-157° 11.79'	55	7.0	375	27	928	131	0	95	0
5131	Chignik	7/8	55° 49.99'	-157° 30.01'	57	7.0	444	30	732	106	0	104	0
5132	Chignik	7/17	55° 49.99'	-157° 48.28'	66	7.0	557	38	835	109	0	135	0
5133	Chignik	7/18	55° 50.09'	-158° 05.00'	45	7.0	586	34	1,135	168	0	10	0
5134	Chignik	7/19	55° 49.89'	-158° 22.98'	59	7.0	729	35	526	73	0	175	0
5135	Chignik	7/7	55° 59.94'	-157° 29.01'	59	7.0	847	41	352	49	0	203	0
5136	Chignik	7/17	56° 00.00'	-157° 46.89'	67	7.0	1,211	81	623	76	0	174	0
5137	Chignik	7/17	55° 59.98'	-158° 04.92'	45	7.0	1,470	66	635	85	0	105	0
5138	Chignik	7/16	56° 10.02'	-157° 46.98'	86	6.9	868	36	178	23	0	348	0
5139	Chignik	7/16	56° 10.00'	-158° 04.86'	36	7.2	1,066	51	306	42	0	71	0
5140	Chignik	7/16	56° 19.98'	-158° 03.93'	41	6.9	691	29	149	19	0	25	0
5141	Shumagin	6/16	54° 29.96'	-159° 01.00'	143	7.1	103	9	208	28	116	15	15
5142	Shumagin	6/16	54° 29.98'	-159° 17.29'	79	7.0	247	18	229	31	0	54	0
5143	Shumagin	6/18	54° 29.88'	-159° 34.00'	63	7.0	1,365	98	700	89	0	170	10
5144	Shumagin	6/19	54° 30.01'	-159° 51.15'	65	7.0	176	12	334	52	0	30	0
5145	Shumagin	6/19	54° 30.00'	-160° 09.23'	66	7.0	638	44	362	50	0	95	0
5146	Shumagin	6/2	54° 39.97'	-158° 25.17'	114	7.0	911	69	1,150	138	55	100	0
5147	Shumagin	6/15	54° 39.81'	-158° 41.98'	58	7.0	1,267	85	907	117	0	175	10
5148	Shumagin	6/15	54° 40.00'	-159° 00.14'	51	7.0	1,332	82	464	57	0	129	5
5149	Shumagin	6/16	54° 39.92'	-159° 17.09'	41	7.0	957	44	558	80	0	130	0
5150	Shumagin	6/18	54° 40.02'	-159° 34.08'	34	7.1	488	20	329	41	0	268	0
5151	Shumagin	6/18	54° 40.13'	-159° 52.00'	41	7.0	1,594	72	493	68	0	230	0
5152	Shumagin	6/17	54° 40.12'	-160° 09.00'	49	7.0	1,168	71	739	96	0	105	0
5153	Shumagin	6/2	54° 50.01'	-158° 07.00'	55	7.1	1,179	83	1,519	223	5	51	0
5154	Shumagin	6/2	54° 49.90'	-158° 25.02'	110	7.0	1,161	74	549	69	79	59	0
5155	Shumagin	6/15	54° 50.02'	-158° 42.02'	55	7.0	933	46	875	133	0	125	0
5156	Shumagin	6/14	54° 49.91'	-159° 00.00'	40	7.0	262	17	664	117	0	130	0
5157	Shumagin	6/17	54° 49.98'	-159° 52.39'	31	7.0	387	16	152	24	0	257	0
5158	Shumagin	6/17	54° 50.00'	-160° 09.08'	38	7.0	663	31	368	56	0	189	0
5159	Shumagin	6/20	54° 50.01'	-160° 25.96'	46	7.0	195	12	138	20	0	330	0
5160	Shumagin	6/3	55° 00.00'	-158° 25.71'	114	6.9	834	52	316	36	136	39	0
5161	Shumagin	6/3	54° 59.99'	-158° 41.97'	70	7.0	918	55	888	134	0	114	5
5162	Shumagin	6/14	54° 59.98'	-158° 58.82'	46	7.0	273	16	511	86	0	205	0
5163	Shumagin	6/14	54° 59.51'	-159° 16.77'	23	7.0	589	24	87	10	0	110	0
5164	Shumagin	6/20	54° 59.97'	-160° 27.04'	61	7.0	862	59	932	128	0	125	0
5165	Shumagin	6/20	55° 00.11'	-160° 44.00'	47	7.0	690	42	1,393	210	0	25	0
5166	Shumagin	6/3	55° 09.93'	-158° 23.99'	100	7.1	816	54	401	52	15	5	0
5167	Shumagin	6/13	55° 10.00'	-158° 41.70'	112	7.0	1,562	93	324	37	30	55	0
5168	Shumagin	6/13	55° 09.72'	-158° 58.98'	72	7.0	928	56	777	103	0	109	0
5169	Shumagin	6/5	55° 10.09'	-159° 17.01'	38	7.0	496	26	206	28	0	388	0
5170	Shumagin	6/6	55° 20.00'	-158° 42.02'	103	7.0	705	41	130	17	10	100	0
5171	Shumagin	6/13	55° 19.88'	-158° 58.98'	103	7.0	779	43	274	33	0	30	0
5172	Shumagin	6/5	55° 20.11'	-159° 17.02'	96	7.0	2,575	149	533	60	0	86	0
5173	Shumagin	6/5	55° 19.85'	-159° 34.22'	76	7.0	1,043	59	351	46	0	207	0
5174	Shumagin	6/9	55° 19.91'	-159° 52.03'	46	7.1	560	29	423	57	0	263	0
5175	Shumagin	6/6	55° 29.97'	-158° 41.34'	88	7.0	1,192	70	324	40	0	59	0
5176	Shumagin	6/6	55° 29.99'	-158° 59.20'	60	7.0	320	21	942	150	0	119	0
5177	Shumagin	6/8	55° 29.66'	-159° 16.98'	69	7.0	536	32	564	79	0	208	0
5178	Shumagin	6/8	55° 29.98'	-159° 34.23'	92	7.0	1,161	58	198	23	0	115	0
5179	Shumagin	6/9	55° 29.91'	-159° 51.98'	92	7.0	726	40	302	39	0	201	0
5181	Shumagin	6/7	55° 40.01'	-158° 59.12'	83	7.0	883	48	323	39	0	283	0
5182	Shumagin	6/8	55° 39.90'	-159° 16.96'	57	7.0	392	25	297	41	0	194	0
5183	Shumagin	6/9	55° 40.00'	-159° 51.89'	71	7.0	558	31	126	17	0	277	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
5184	Shumagin	6/7	55° 50.13'	-158° 59.00'	68	7.1	1,061	50	302	38	0	222	0
5185	Shumagin	6/7	55° 49.98'	-159° 16.91'	34	7.0	312	18	100	14	0	290	0
5186	Sanak	8/8	54° 00.01'	-163° 14.89'	46	7.0	493	35	698	104	0	198	15
5187	Sanak	8/8	54° 00.00'	-163° 31.69'	56	7.0	50	4	274	47	0	150	0
5188	Sanak	8/8	54° 00.02'	-163° 48.91'	52	7.0	35	2	154	30	0	305	0
5189	Sanak	8/10	54° 09.99'	-161° 33.66'	77	7.0	207	16	585	91	25	95	0
5190	Sanak	8/10	54° 09.77'	-161° 50.99'	45	6.2	1,618	117	858	102	0	151	27
5191	Sanak	8/9	54° 10.05'	-162° 08.07'	46	7.1	1,720	107	746	91	0	162	20
5192	Sanak	8/9	54° 10.00'	-162° 25.05'	94	7.0	165	12	312	42	65	35	30
5193	Sanak	6/28	54° 09.52'	-163° 49.98'	48	7.0	241	17	303	44	0	170	0
5194	Sanak	6/19	54° 20.00'	-160° 07.90'	179	7.0	68	6	99	12	74	0	25
5195	Sanak	8/11	54° 19.99'	-160° 26.27'	69	7.0	716	49	530	81	0	170	0
5196	Sanak	8/19	54° 20.00'	-160° 42.98'	58	7.0	1,139	74	352	46	0	305	20
5197	Sanak	8/19	54° 20.01'	-161° 00.07'	69	7.0	167	13	623	99	0	195	0
5198	Sanak	8/18	54° 19.97'	-161° 17.12'	59	7.0	1,392	93	503	61	0	240	10
5199	Sanak	8/18	54° 20.00'	-161° 34.00'	79	7.0	138	11	578	94	30	64	0
5200	Sanak	8/10	54° 20.00'	-161° 50.69'	41	7.0	1,256	78	887	122	0	135	5
5201	Sanak	8/9	54° 19.98'	-162° 09.00'	31	7.0	1,698	106	1,171	148	0	50	0
5202	Sanak	6/26	54° 20.04'	-163° 16.99'	27	7.0	875	46	163	21	0	129	0
5203	Sanak	6/26	54° 19.98'	-163° 34.11'	61	7.0	361	24	434	57	0	295	0
5204	Sanak	6/28	54° 19.98'	-163° 51.02'	62	7.0	695	48	970	134	0	119	0
5205	Sanak	6/28	54° 19.87'	-164° 08.98'	53	7.0	215	14	436	60	0	265	0
5206	Sanak	8/11	54° 29.99'	-160° 26.41'	81	7.0	660	54	931	122	5	115	0
5207	Sanak	8/19	54° 29.98'	-160° 42.98'	76	7.0	164	11	123	16	5	85	0
5208	Sanak	8/20	54° 29.98'	-161° 00.22'	71	7.0	115	7	406	61	55	110	0
5209	Sanak	8/20	54° 29.98'	-161° 18.29'	64	7.0	230	14	445	75	0	115	0
5210	Sanak	8/18	54° 29.84'	-161° 35.00'	36	7.0	1,210	79	1,178	171	0	105	0
5211	Sanak	8/17	54° 30.02'	-161° 51.96'	79	7.0	486	32	347	44	0	30	0
5212	Sanak	8/17	54° 30.01'	-162° 08.79'	79	7.0	899	59	514	66	0	75	0
5213	Sanak	8/17	54° 30.01'	-162° 26.11'	80	7.0	1,449	80	589	74	0	135	0
5214	Sanak	6/26	54° 30.09'	-163° 18.01'	41	7.0	478	30	653	99	0	178	0
5215	Sanak	6/27	54° 29.88'	-163° 35.00'	55	7.0	223	13	505	82	0	40	0
5216	Sanak	6/27	54° 30.00'	-163° 53.24'	52	7.0	505	39	1,239	189	0	30	0
5217	Sanak	6/27	54° 29.99'	-164° 10.12'	54	7.0	384	28	1,086	171	0	65	0
5218	Sanak	8/11	54° 40.00'	-160° 26.04'	56	7.0	1,168	69	1,106	160	0	180	0
5219	Sanak	8/21	54° 39.98'	-160° 42.94'	53	7.0	1,297	83	481	64	0	278	0
5220	Sanak	8/20	54° 40.10'	-161° 00.50'	49	7.0	1,476	88	1,201	169	0	95	0
5221	Sanak	8/16	54° 40.01'	-161° 18.27'	77	7.0	250	17	773	106	0	50	0
5222	Sanak	6/21	54° 39.98'	-161° 35.12'	36	7.0	996	43	498	72	0	135	5
5223	Sanak	6/21	54° 40.00'	-161° 53.05'	43	7.0	542	21	336	50	0	280	5
5224	Sanak	6/25	54° 39.98'	-162° 43.99'	47	7.0	856	57	1,014	140	5	85	0
5225	Sanak	8/21	54° 49.98'	-160° 44.14'	56	7.0	138	10	956	132	0	165	0
5226	Sanak	8/16	54° 49.92'	-161° 01.00'	57	7.1	649	43	827	111	0	5	0
5227	Sanak	8/16	54° 49.94'	-161° 17.98'	55	7.0	164	10	407	62	0	0	0
5228	Sanak	6/21	54° 49.91'	-161° 36.00'	43	7.0	1,520	67	691	100	0	94	0
5229	Sanak	6/25	54° 50.00'	-162° 44.94'	27	7.0	896	52	568	84	0	75	0
5230	Sanak	6/25	54° 49.98'	-163° 03.15'	46	7.0	599	39	599	78	0	150	0
5231	Sanak	8/15	55° 00.00'	-161° 01.07'	55	7.0	1,036	58	700	92	0	94	0
5232	Sanak	8/15	55° 00.01'	-161° 19.21'	49	7.0	973	54	841	118	0	40	0
5233	Sanak	8/15	55° 09.93'	-161° 01.98'	74	7.0	422	27	249	31	0	270	0
5234	Semidi	6/10	55° 20.00'	-156° 03.14'	151	6.9	2,699	162	379	45	49	0	29
5235	Semidi	6/10	55° 19.98'	-156° 21.01'	96	6.7	1,007	62	427	53	5	58	0
5236	Semidi	5/30	55° 29.95'	-155° 45.00'	121	6.7	1,393	93	740	93	5	0	0
5237	Semidi	5/30	55° 29.96'	-156° 02.98'	110	6.7	787	48	480	65	58	43	0
5238	Semidi	7/1	55° 30.00'	-156° 19.91'	118	7.0	1,214	74	249	29	70	85	0
5239	Semidi	5/29	55° 40.17'	-155° 26.01'	101	6.8	1,137	74	498	70	0	19	0
5240	Semidi	5/30	55° 39.82'	-155° 43.99'	69	6.8	897	55	753	105	0	87	0
5241	Semidi	7/1	55° 40.01'	-156° 01.67'	126	6.7	987	59	217	26	62	29	0
5242	Semidi	7/1	55° 40.00'	-156° 18.80'	139	7.0	1,051	52	75	9	74	40	0
5243	Semidi	6/9	55° 39.88'	-156° 37.02'	131	6.7	841	49	213	26	67	10	0
5244	Semidi	5/29	55° 50.00'	-155° 07.15'	65	6.9	777	50	670	93	0	44	0
5245	Semidi	5/29	55° 50.01'	-155° 24.15'	30	6.7	422	26	527	78	0	182	0
5246	Semidi	5/31	55° 50.01'	-156° 01.16'	64	6.7	1,370	76	605	85	0	29	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
5247	Semidi	6/3	55° 50.02'	-156° 19.09'	132	6.9	822	45	146	19	119	5	5
5248	Semidi	6/8	55° 50.00'	-156° 36.36'	122	6.7	2,231	126	398	52	29	10	0
5249	Semidi	6/8	55° 49.88'	-156° 54.00'	75	6.9	1,328	84	756	98	0	103	0
5250	Semidi	6/2	55° 59.87'	-155° 42.02'	26	6.9	1,013	73	757	96	0	191	0
5251	Semidi	6/2	56° 00.05'	-155° 59.96'	42	6.8	675	45	1,095	161	0	49	0
5252	Semidi	6/3	56° 00.00'	-156° 18.40'	116	7.0	1,274	69	128	14	69	149	0
5253	Semidi	6/8	55° 59.76'	-156° 34.58'	108	6.8	1,293	72	330	43	5	68	0
5254	Semidi	7/7	55° 59.99'	-157° 11.00'	63	7.0	272	18	286	39	0	94	0
5255	Semidi	6/2	56° 09.97'	-155° 59.02'	119	6.9	898	54	728	89	64	113	0
5256	Semidi	6/7	56° 10.14'	-156° 16.99'	127	6.8	1,185	61	132	16	44	141	0
5257	Semidi	6/19	56° 09.99'	-156° 35.02'	102	7.0	346	21	179	29	0	188	0
5258	Semidi	6/20	56° 09.94'	-156° 52.97'	45	7.0	294	8	144	21	0	225	0
5259	Semidi	6/20	56° 09.99'	-157° 10.84'	54	7.0	895	32	242	35	0	205	0
5260	Semidi	7/7	56° 09.99'	-157° 29.03'	84	7.0	999	61	371	43	0	185	0
5261	Semidi	6/7	56° 19.97'	-155° 58.00'	114	6.7	1,139	70	394	48	62	5	0
5262	Semidi	6/7	56° 19.71'	-156° 16.00'	154	6.8	793	43	72	10	87	39	0
5263	Semidi	6/19	56° 20.05'	-156° 33.97'	102	7.1	1,759	92	169	21	15	152	0
5264	Semidi	6/19	56° 20.02'	-156° 51.72'	63	7.1	997	37	590	88	0	145	0
5265	Semidi	6/20	56° 20.02'	-157° 09.97'	95	6.9	892	44	90	11	0	265	0
5266	Semidi	6/21	56° 20.01'	-157° 28.02'	35	6.9	1,109	55	711	99	0	83	0
5267	Semidi	6/21	56° 20.00'	-157° 45.65'	29	7.2	1,799	85	500	65	0	117	0
5268	Semidi	6/6	56° 30.00'	-155° 57.14'	135	7.0	519	30	166	21	104	40	0
5269	Semidi	6/6	56° 30.00'	-156° 14.95'	145	7.0	1,143	54	79	10	185	35	0
5270	Semidi	6/18	56° 29.99'	-156° 33.25'	105	7.1	653	39	283	35	15	131	0
5271	Semidi	6/18	56° 30.00'	-156° 51.05'	56	7.0	475	25	530	76	0	161	0
5272	Semidi	6/21	56° 29.91'	-157° 28.02'	83	7.0	922	43	180	24	0	213	0
5273	Semidi	6/6	56° 40.00'	-156° 14.01'	116	7.0	1,264	63	238	27	89	158	0
5274	Semidi	6/18	56° 39.95'	-156° 32.01'	85	7.0	455	26	226	31	0	295	0
5275	Semidi	6/17	56° 40.00'	-156° 51.16'	58	7.0	475	29	425	63	0	115	0
5276	Semidi	6/17	56° 40.02'	-157° 08.96'	65	7.2	604	35	338	44	0	46	0
5277	Semidi	6/16	56° 50.00'	-156° 13.16'	106	7.2	750	36	225	30	0	111	0
5278	Semidi	6/16	56° 50.01'	-156° 31.87'	62	7.1	568	30	157	23	0	242	0
5279	Semidi	6/17	56° 50.01'	-156° 49.98'	56	7.0	720	37	257	32	0	215	0
5280	Semidi	6/16	57° 00.11'	-156° 12.94'	86	7.0	342	19	190	28	0	150	0
6002	Unalaska	7/30	52° 30.04'	-169° 57.56'	131	7.0	927	50	363	53	0	55	0
6003	Unalaska	7/30	52° 30.09'	-170° 46.34'	81	7.0	591	36	826	119	0	20	0
6004	Unalaska	7/19	52° 40.02'	-169° 09.12'	59	7.0	858	40	578	83	0	235	10
6005	Unalaska	7/20	52° 39.67'	-169° 25.00'	104	2.3	463	29	125	16	0	19	0
6006	Unalaska	7/31	52° 39.66'	-169° 45.53'	39	7.0	987	52	547	76	0	210	0
6007	Unalaska	7/31	52° 39.84'	-169° 57.95'	153	7.0	1,637	84	125	14	30	75	35
6008	Unalaska	7/29	52° 39.97'	-170° 48.02'	43	7.0	863	39	697	122	0	25	0
6009	Unalaska	7/29	52° 43.10'	-171° 22.00'	89	7.1	2,191	108	388	46	0	0	0
6010	Unalaska	7/19	52° 50.03'	-168° 35.99'	54	7.0	607	29	581	87	0	198	30
6011	Unalaska	7/19	52° 50.03'	-168° 52.02'	28	7.0	2,590	109	529	68	0	95	0
6012	Unalaska	7/27	52° 50.06'	-170° 15.68'	85	7.0	1,471	85	1,015	129	0	120	0
6013	Unalaska	7/28	52° 50.00'	-171° 21.17'	100	7.0	2,099	105	640	92	0	5	0
6014	Unalaska	7/28	52° 49.10'	-171° 35.45'	139	7.0	4,591	207	185	23	0	0	0
6015	Unalaska	7/9	53° 00.00'	-167° 28.60'	102	7.0	11	1	155	31	0	115	0
6016	Unalaska	7/9	53° 00.02'	-167° 45.65'	55	7.0	162	12	520	81	0	193	0
6017	Unalaska	7/8	53° 00.02'	-168° 01.95'	64	7.0	240	13	256	44	0	55	0
6018	Unalaska	7/8	53° 00.09'	-168° 15.98'	52	7.0	295	22	501	79	0	95	0
6019	Unalaska	7/25	53° 00.29'	-169° 08.41'	107	7.0	551	31	123	15	10	125	35
6020	Unalaska	7/27	53° 00.02'	-169° 58.86'	65	7.0	1,049	56	1,214	188	0	25	0
6021	Unalaska	7/27	52° 59.99'	-170° 15.26'	105	7.0	4,150	183	661	80	0	60	0
6022	Unalaska	7/11	53° 09.93'	-166° 56.00'	115	7.0	82	6	145	24	0	65	0
6023	Unalaska	7/10	53° 10.00'	-167° 11.84'	61	7.0	354	17	258	38	0	190	0
6024	Unalaska	7/10	53° 10.02'	-167° 29.07'	50	7.0	421	27	545	77	0	190	0
6025	Unalaska	7/9	53° 10.06'	-167° 46.00'	44	7.0	827	40	473	68	0	190	0
6026	Unalaska	7/8	53° 10.00'	-168° 01.97'	35	7.0	37	3	264	42	0	320	0
6027	Unalaska	7/25	53° 10.02'	-168° 51.86'	112	7.0	923	52	376	47	0	185	0
6028	Unalaska	7/26	53° 10.25'	-169° 43.52'	155	7.0	3,839	163	179	20	35	10	5
6029	Unalaska	7/12	53° 20.01'	-166° 05.21'	264	7.0	0	0	0	0	54	0	25
6030	Unalaska	7/12	53° 20.00'	-166° 22.22'	134	7.1	49	3	155	20	131	5	30

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
6031	Unalaska	7/11	53° 20.09'	-166° 38.02'	71	7.0	134	10	277	47	0	140	0
6032	Unalaska	7/11	53° 20.00'	-166° 54.99'	52	7.0	464	27	637	99	0	213	0
6033	Unalaska	7/10	53° 20.01'	-167° 12.06'	41	7.0	437	23	536	74	0	50	5
6034	Unalaska	7/25	53° 20.05'	-168° 35.98'	45	7.0	97	6	138	27	0	243	0
6035	Unalaska	7/14	53° 30.02'	-165° 48.20'	115	7.0	63	4	140	18	10	5	5
6036	Unalaska	7/13	53° 30.01'	-166° 04.04'	74	7.0	70	6	333	53	0	30	0
6037	Unalaska	7/13	53° 30.06'	-166° 21.00'	64	7.0	300	21	339	58	0	129	0
6038	Unalaska	7/7	53° 29.83'	-167° 27.97'	44	7.0	587	28	664	114	0	120	0
6039	Unalaska	8/6	53° 40.13'	-164° 38.02'	190	7.0	24	2	50	7	15	0	30
6040	Unalaska	8/5	53° 40.13'	-164° 55.00'	180	7.0	45	3	15	2	15	0	10
6041	Unalaska	8/5	53° 40.01'	-165° 13.23'	192	7.0	0	0	8	1	10	0	40
6042	Unalaska	7/14	53° 40.00'	-165° 30.10'	87	7.0	100	7	297	49	0	95	0
6043	Unalaska	7/14	53° 39.98'	-165° 47.00'	68	7.0	373	29	964	152	0	35	0
6044	Unalaska	7/13	53° 40.02'	-166° 04.12'	48	7.0	228	11	663	110	0	168	0
6045	Unalaska	7/7	53° 40.01'	-167° 10.66'	35	7.0	583	28	561	87	0	173	0
6046	Unalaska	7/7	53° 40.00'	-167° 27.82'	207	7.0	873	51	252	31	35	95	145
6047	Unalaska	8/7	53° 50.01'	-163° 48.23'	49	7.0	741	48	470	58	0	220	45
6048	Unalaska	8/7	53° 49.98'	-164° 05.00'	43	7.0	812	51	473	57	0	285	5
6049	Unalaska	8/6	53° 49.89'	-164° 21.99'	47	7.0	483	32	645	107	0	205	0
6050	Unalaska	8/6	53° 49.97'	-164° 39.01'	55	7.0	233	18	535	91	0	155	0
6051	Unalaska	8/5	53° 49.97'	-164° 56.01'	62	7.1	79	5	202	33	0	91	0
6052	Unalaska	7/1	53° 49.97'	-165° 12.04'	58	7.0	195	16	560	91	0	125	0
6053	Unalaska	7/15	53° 50.02'	-165° 29.00'	51	7.0	114	9	285	49	0	185	0
6054	Unalaska	7/15	53° 50.00'	-165° 46.08'	42	7.0	27	2	257	46	0	223	0
6055	Unalaska	8/4	53° 49.99'	-166° 02.98'	41	7.0	577	39	602	107	0	40	0
6056	Unalaska	8/4	53° 49.95'	-166° 19.95'	122	7.0	289	17	258	35	0	95	5
6057	Unalaska	8/7	54° 00.00'	-164° 05.84'	40	7.0	677	46	851	117	0	228	5
6058	Unalaska	6/29	54° 00.03'	-164° 21.94'	57	7.1	152	10	337	58	0	126	0
6059	Unalaska	6/30	53° 59.80'	-164° 40.00'	54	7.0	123	9	818	133	0	54	0
6060	Unalaska	6/30	54° 00.01'	-164° 57.45'	43	7.0	276	20	409	63	0	84	0
6061	Unalaska	7/1	54° 00.03'	-165° 12.02'	43	7.0	1,042	65	594	77	0	160	0
6062	Unalaska	7/1	54° 00.17'	-165° 29.02'	39	7.0	412	23	346	48	0	280	0
6063	Unalaska	7/15	53° 59.98'	-165° 46.01'	47	7.0	593	30	761	123	0	65	0
6064	Unalaska	6/29	54° 10.00'	-164° 07.15'	38	7.0	162	10	281	41	0	290	0
6065	Unalaska	6/29	54° 10.01'	-164° 25.09'	48	7.0	89	6	461	80	0	55	0
6066	Unalaska	6/30	54° 08.00'	-164° 42.37'	41	7.0	248	17	289	48	0	228	0
7001	4A Edge	5/31	54° 30.00'	-165° 43.80'	204	7.0	82	6	1,311	186	0	10	5
7002	4A Edge	6/1	54° 30.02'	-166° 18.99'	270	7.0	847	41	46	5	20	0	25
7003	4A Edge	6/4	54° 29.98'	-166° 35.92'	265	7.0	187	8	0	0	5	0	15
7004	4A Edge	6/4	54° 29.93'	-166° 53.01'	262	7.0	307	18	0	0	25	0	20
7007	4A Edge	5/31	54° 39.99'	-165° 43.08'	182	7.0	152	10	1,006	147	0	10	0
7008	4A Edge	6/1	54° 40.13'	-166° 01.00'	179	7.0	152	12	628	83	0	0	0
7009	4A Edge	6/1	54° 40.00'	-166° 18.29'	174	7.0	275	15	222	29	0	0	0
7010	4A Edge	6/2	54° 40.52'	-166° 35.00'	185	7.0	1,102	67	457	51	0	5	5
7011	4A Edge	6/4	54° 40.06'	-166° 52.99'	208	7.0	2,021	115	181	20	0	0	0
7012	4A Edge	6/12	54° 40.00'	-167° 10.00'	248	6.9	1,220	62	11	1	5	0	10
7013	4A Edge	5/30	54° 49.93'	-165° 25.01'	83	7.0	44	3	61	10	0	15	0
7014	4A Edge	5/30	54° 50.01'	-165° 43.16'	84	7.0	53	4	438	69	0	35	0
7015	4A Edge	5/30	54° 50.29'	-165° 59.97'	84	7.0	119	8	172	25	0	35	0
7016	4A Edge	6/2	54° 49.99'	-166° 18.29'	91	7.0	142	9	40	6	0	20	0
7017	4A Edge	6/2	54° 50.00'	-166° 35.12'	108	7.0	275	12	40	5	0	25	0
7018	4A Edge	6/12	54° 50.00'	-166° 52.20'	144	7.0	170	9	32	4	0	25	0
7019	4A Edge	6/12	54° 50.00'	-167° 10.12'	195	7.1	2,558	154	426	46	0	0	0
7021	4A Edge	6/3	55° 00.00'	-166° 33.97'	80	7.0	360	16	78	9	0	50	0
7022	4A Edge	6/3	54° 59.94'	-166° 52.41'	84	7.0	557	25	77	9	0	35	0
7023	4A Edge	6/11	55° 00.02'	-167° 09.24'	96	7.0	487	25	70	8	0	10	0
7024	4A Edge	6/11	55° 00.01'	-167° 27.02'	161	7.0	1,017	58	278	31	0	41	0
7025	4A Edge	6/3	55° 10.00'	-166° 33.90'	77	7.0	411	18	55	7	0	50	0
7026	4A Edge	6/3	55° 10.00'	-166° 51.06'	79	7.0	428	20	148	17	0	84	0
7027	4A Edge	6/11	55° 10.04'	-167° 08.97'	82	7.0	103	6	0	0	0	20	0
7028	4A Edge	6/10	55° 10.05'	-167° 25.99'	88	7.0	370	21	124	15	0	35	0
7029	4A Edge	6/10	55° 10.00'	-167° 44.45'	171	7.0	652	34	267	33	0	35	0
7030	4A Edge	6/10	55° 20.00'	-167° 44.09'	90	7.0	685	39	161	20	0	25	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

**2009 IPHC Stock Assessment Survey
All Regions**

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
7031	4A Edge	6/9	55° 19.96'	-168° 01.00'	203	7.0	1,228	77	333	38	0	10	5
7032	4A Edge	6/9	55° 30.11'	-168° 01.01'	79	7.0	168	9	64	9	0	75	0
7033	4A Edge	6/9	55° 30.01'	-168° 18.89'	135	7.0	193	10	60	7	0	84	0
7034	4A Edge	6/7	55° 40.03'	-168° 37.00'	79	7.0	105	5	68	9	0	90	0
7035	4A Edge	6/7	55° 50.00'	-168° 36.91'	79	7.0	303	12	73	11	0	59	0
7036	4A Edge	6/7	55° 50.11'	-168° 52.25'	161	7.0	553	30	173	21	0	124	45
7037	4A Edge	6/8	55° 59.97'	-168° 19.00'	87	7.0	82	3	97	13	0	35	0
7038	4A Edge	6/8	56° 00.00'	-168° 37.01'	138	7.0	231	12	357	51	0	45	0
7039	4A Edge	6/21	56° 00.00'	-169° 48.16'	145	7.0	112	5	35	5	0	40	0
7040	4A Edge	6/21	56° 00.02'	-170° 06.09'	98	7.0	114	7	76	11	0	85	0
7041	4A Edge	6/15	56° 10.02'	-168° 01.00'	79	7.0	75	4	83	13	0	100	0
7042	4A Edge	6/8	56° 10.06'	-168° 19.00'	90	7.0	22	1	30	5	0	30	0
7043	4A Edge	6/8	56° 10.00'	-168° 37.07'	176	5.5	125	7	64	8	0	32	0
7044	4A Edge	6/17	56° 10.00'	-168° 55.03'	142	7.0	381	23	16	2	0	104	0
7046	4A Edge	6/21	56° 10.00'	-170° 42.06'	76	7.0	324	15	191	27	0	55	0
7047	4A Edge	6/15	56° 20.00'	-168° 01.10'	78	7.0	272	12	132	18	0	69	0
7048	4A Edge	6/15	56° 20.01'	-168° 19.42'	86	7.0	140	9	165	24	0	50	0
7049	4A Edge	6/16	56° 19.89'	-169° 13.00'	75	7.0	86	5	53	7	0	35	0
9501	4A Edge	6/20	56° 19.96'	-169° 27.99'	82	7.0	66	4	76	11	0	60	0
6067	Adak	5/31	51° 09.99'	-179° 00.30'	210	7.0	2,140	91	48	5	25	0	10
6070	Adak	5/30	51° 30.15'	-178° 29.00'	100	2.7	85	6	95	11	3	67	0
6071	Adak	5/31	51° 30.00'	-178° 45.02'	128	7.0	409	14	124	15	10	34	69
6072	Adak	6/5	51° 40.00'	-175° 48.17'	256	7.0	231	9	7	1	40	0	30
6073	Adak	6/5	51° 40.00'	-176° 04.46'	152	7.1	1,015	50	59	7	0	10	0
6074	Adak	6/5	51° 40.00'	-176° 19.95'	82	7.0	94	6	119	17	0	50	0
6075	Adak	6/4	51° 40.00'	-177° 09.13'	64	7.0	12	1	118	18	0	198	0
6076	Adak	6/4	51° 40.00'	-177° 24.96'	74	7.0	154	8	184	24	0	163	0
6077	Adak	5/30	51° 40.12'	-178° 13.03'	37	7.0	849	33	123	14	0	265	5
6078	Adak	5/30	51° 39.87'	-178° 28.99'	231	7.0	527	24	38	4	44	0	5
6079	Adak	6/12	51° 50.00'	-174° 27.16'	120	7.0	789	46	357	42	0	20	0
6080	Adak	6/11	51° 50.00'	-174° 42.96'	116	7.0	570	35	333	44	0	5	0
6081	Adak	6/11	51° 50.00'	-175° 00.14'	116	7.0	571	27	153	22	0	30	0
6082	Adak	6/6	51° 50.00'	-175° 16.16'	106	7.0	710	29	96	13	0	15	0
6083	Adak	6/6	51° 50.00'	-175° 32.19'	90	7.0	391	21	232	33	0	20	0
6084	Adak	6/6	51° 50.00'	-175° 48.03'	66	7.0	86	5	342	58	0	90	0
6085	Adak	6/10	51° 59.99'	-173° 21.88'	39	7.0	483	18	118	17	0	183	0
6086	Adak	6/10	51° 59.99'	-173° 37.84'	42	7.0	369	16	123	17	0	85	0
6087	Adak	6/10	51° 59.99'	-173° 53.80'	44	7.0	666	22	104	13	0	115	0
6088	Adak	6/12	52° 00.00'	-174° 10.94'	53	7.0	28	2	163	31	0	30	0
6089	Adak	6/12	52° 00.00'	-174° 26.88'	40	7.0	255	11	130	17	0	35	0
6090	Adak	6/11	51° 59.99'	-174° 58.17'	40	7.0	208	4	85	12	0	79	0
6091	Adak	6/7	51° 59.95'	-176° 21.01'	83	7.0	412	25	185	22	0	35	0
6092	Adak	6/2	52° 00.11'	179° 27.00'	48	7.0	132	6	0	0	0	5	0
6093	Adak	6/13	52° 09.99'	-172° 48.94'	76	7.0	1,759	63	72	9	0	337	0
6094	Adak	6/13	52° 10.00'	-173° 05.04'	46	7.0	1,045	50	232	32	0	238	30
6095	Adak	6/13	52° 10.00'	-173° 21.16'	52	7.0	886	39	275	36	0	0	0
6096	Adak	6/9	52° 10.00'	-173° 54.07'	46	7.0	492	27	218	28	0	90	0
6097	Adak	6/8	52° 10.00'	-174° 43.21'	58	7.0	772	32	204	23	0	10	0
6098	Adak	6/8	52° 10.00'	-174° 59.05'	63	7.0	583	29	292	42	0	10	0
6099	Adak	6/8	52° 09.99'	-175° 14.95'	122	7.0	1,296	42	58	7	0	86	0
6100	Adak	6/7	52° 10.00'	-175° 47.88'	197	7.0	2,408	79	16	2	0	30	40
6101	Adak	6/2	52° 10.12'	179° 28.00'	158	7.0	1,272	42	9	1	0	0	5
6102	Adak	6/1	52° 10.00'	-179° 41.89'	164	7.0	587	12	0	0	0	0	5
6103	Adak	6/2	52° 09.99'	179° 43.84'	51	7.0	652	20	20	2	0	5	0
6104	Adak	6/1	52° 10.00'	-179° 58.27'	53	7.0	216	3	6	1	0	10	0
6105	Adak	6/9	52° 19.97'	-173° 52.99'	60	7.0	344	18	336	43	0	0	0
6106	Adak	6/1	52° 20.00'	-179° 41.14'	170	7.0	213	4	0	0	0	0	10
6107	Adak	6/2	52° 19.99'	179° 44.77'	74	7.0	506	16	13	2	0	5	0
6108	Adak	6/1	52° 20.00'	-179° 56.91'	68	7.0	233	7	0	0	0	0	0
6109	Adak	6/9	52° 29.98'	-173° 37.00'	242	7.0	152	5	0	0	20	0	5
6110	Adak	6/3	52° 29.99'	-179° 41.08'	52	7.0	256	7	0	0	0	110	0
6111	Adak	6/3	52° 29.99'	179° 46.08'	227	6.9	0	0	0	0	0	0	20
6112	Adak	6/3	52° 39.99'	-179° 24.96'	65	7.0	41	1	0	0	0	120	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey
All Regions

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
6113	Attu	8/15	51° 19.97'	179° 06.99'	49	7.0	297	11	16	2	0	170	0
6114	Attu	8/15	51° 29.99'	178° 36.28'	116	7.0	39	2	0	0	0	45	99
6115	Attu	8/15	51° 28.99'	178° 51.96'	50	7.0	28	2	4	1	0	135	5
6116	Attu	8/20	51° 40.00'	175° 39.11'	85	6.9	0	0	0	0	0	0	5
6117	Attu	8/16	51° 40.00'	178° 04.07'	175	7.0	175	6	0	0	0	0	84
6118	Attu	8/16	51° 39.99'	178° 20.78'	76	7.0	1,053	42	85	10	0	0	0
6119	Attu	8/20	51° 50.00'	175° 39.27'	65	6.9	321	5	0	0	0	0	15
6120	Attu	8/20	51° 50.00'	175° 55.72'	68	7.0	33	1	0	0	0	0	5
6121	Attu	8/18	51° 49.89'	177° 32.99'	62	7.0	524	15	0	0	0	35	20
6122	Attu	8/18	51° 49.95'	177° 48.98'	59	7.0	694	29	30	3	0	94	15
6123	Attu	8/17	51° 50.00'	178° 20.95'	143	7.0	1,562	29	41	5	0	69	5
6124	Attu	8/20	52° 00.00'	175° 55.89'	66	6.9	145	3	0	0	0	0	5
6125	Attu	8/19	52° 00.03'	176° 44.92'	50	6.9	713	24	98	12	0	54	5
6126	Attu	8/19	51° 59.92'	177° 14.98'	51	7.0	522	15	0	0	0	45	0
6127	Attu	8/18	51° 59.98'	177° 49.99'	62	7.0	328	10	24	3	0	20	5
6128	Attu	8/17	52° 00.09'	178° 22.00'	56	7.0	30	1	37	5	0	25	0
6129	Attu	8/22	52° 09.98'	173° 46.05'	80	6.9	20	1	7	1	0	44	0
6130	Attu	8/21	52° 10.00'	175° 07.14'	93	7.0	90	2	0	0	0	0	0
6131	Attu	8/21	52° 10.00'	175° 23.35'	202	7.0	778	18	0	0	5	0	61
6132	Attu	8/22	52° 19.99'	173° 28.98'	41	7.0	1,557	64	213	27	0	163	0
6133	Attu	8/22	52° 17.00'	173° 45.04'	40	7.0	923	34	34	4	0	153	0
6134	Attu	8/24	52° 20.00'	174° 01.99'	76	6.9	262	12	0	0	0	49	0
6135	Attu	8/23	52° 20.00'	174° 18.08'	101	7.0	413	14	0	0	0	99	0
6137	Attu	8/27	52° 29.99'	172° 55.96'	160	6.9	156	6	24	3	5	15	34
6138	Attu	8/27	52° 29.99'	173° 11.78'	61	7.0	1,848	55	58	8	0	25	0
6139	Attu	8/25	52° 30.05'	173° 28.99'	84	6.9	2,551	83	36	4	0	10	0
6140	Attu	8/24	52° 30.00'	174° 01.98'	67	6.9	947	38	37	4	0	39	0
6141	Attu	8/23	52° 30.00'	174° 17.74'	62	6.9	1,135	36	40	5	0	15	0
6142	Attu	8/23	52° 30.00'	174° 34.08'	191	6.9	1,955	73	0	0	0	0	25
6143	Attu	8/23	52° 30.00'	174° 50.99'	141	6.9	4,515	170	59	7	0	74	0
6144	Attu	8/27	52° 40.00'	172° 55.07'	65	6.8	1,126	24	11	2	0	5	0
6145	Attu	8/27	52° 40.00'	173° 11.76'	54	6.8	1,308	23	68	8	0	24	0
6146	Attu	8/25	52° 39.97'	173° 27.99'	51	6.9	2,015	48	29	4	0	25	0
6147	Attu	8/25	52° 39.97'	173° 44.99'	55	6.7	827	28	70	9	0	14	0
6148	Attu	8/24	52° 40.00'	174° 01.08'	39	6.9	876	28	16	2	0	29	0
6149	Attu	8/24	52° 40.10'	174° 18.00'	25	7.0	2,160	87	64	8	0	54	0
6150	Attu	8/28	52° 50.00'	172° 05.17'	131	7.0	2,020	115	164	20	0	20	10
6151	Attu	8/28	52° 50.00'	172° 22.00'	188	6.8	292	12	0	0	0	0	34
6152	Attu	8/28	52° 50.00'	172° 38.07'	55	6.9	1,519	42	43	5	0	54	0
6153	Attu	8/25	52° 49.89'	173° 44.99'	65	6.9	469	20	46	5	0	59	20
6154	Attu	8/29	52° 59.99'	170° 57.58'	278	6.9	0	0	0	0	0	0	5
6155	Attu	8/28	53° 00.00'	172° 20.76'	104	7.0	2,437	91	11	1	0	10	40
6156	Attu	8/29	53° 10.00'	170° 56.86'	63	7.0	1,570	16	0	0	0	0	0
6157	Attu	8/29	53° 20.00'	170° 39.00'	210	6.8	0	0	0	0	10	0	24
9502	4A Edge	6/16	56° 24.88'	-169° 20.01'	61	7.0	580	26	182	25	0	178	0
9503	4A Edge	6/20	56° 24.96'	-169° 38.02'	53	7.0	936	38	140	16	0	243	0
9504	4A Edge	6/16	56° 29.96'	-169° 14.00'	52	7.0	229	11	152	21	0	325	0
9505	4A Edge	6/18	56° 30.00'	-169° 29.96'	43	7.0	448	18	4	1	0	233	0
9506	4A Edge	6/20	56° 29.91'	-169° 48.98'	47	7.0	303	18	189	25	0	262	0
9507	4A Edge	6/18	56° 34.84'	-169° 21.98'	30	7.0	545	24	77	9	0	149	0
9508	4A Edge	6/19	56° 39.92'	-169° 12.41'	35	7.0	497	21	129	18	0	218	0
9509	4A Edge	6/19	56° 39.99'	-169° 29.94'	42	7.0	224	10	88	17	0	160	0
9510	4A Edge	6/19	56° 40.00'	-169° 47.89'	41	7.0	263	10	52	6	0	138	0
9511	4D Edge	7/21	57° 00.02'	-170° 10.02'	37	7.0	165	8	70	16	0	129	0
9512	4D Edge	7/21	56° 59.98'	-170° 29.03'	43	7.0	368	18	213	33	0	94	0
9514	4D Edge	7/20	57° 04.97'	-170° 37.99'	40	6.9	387	22	454	66	0	176	0
9515	4D Edge	7/20	57° 09.93'	-170° 29.00'	30	7.0	250	11	159	29	0	10	0
9516	4D Edge	7/19	57° 14.99'	-170° 20.11'	11	7.0	395	14	112	19	0	10	0
9517	4D Edge	7/20	57° 15.00'	-170° 39.91'	39	7.0	167	10	159	22	0	371	0
9518	4D Edge	7/19	57° 20.00'	-169° 54.91'	32	7.0	261	12	183	28	0	149	0
9519	4D Edge	7/19	57° 20.00'	-170° 12.96'	28	7.0	665	32	237	40	0	0	0
9520	4D Edge	7/20	57° 20.00'	-170° 30.04'	36	7.0	275	14	99	17	0	165	0
7050	4D Edge	7/22	56° 19.99'	-171° 19.02'	80	7.0	197	11	50	6	0	0	0

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).

2009 IPHC Stock Assessment Survey All Regions

20 of 20

Station	Region	Date Fished	Latitude	Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
							Lbs. ²	#s	Lbs. ²	#s	Sablefish	P. Cod	Rockfish
7051	4D Edge	7/22	56° 29.97'	-171° 36.98'	84	7.0	52	3	6	1	0	35	0
7052	4D Edge	7/22	56° 29.90'	-171° 55.02'	184	7.0	194	7	17	2	0	55	10
7053	4D Edge	7/23	56° 40.00'	-173° 07.04'	85	6.9	239	11	45	6	0	69	0
7054	4D Edge	7/23	56° 49.95'	-173° 25.02'	254	7.1	296	13	11	1	25	0	20
7055	4D Edge	7/23	56° 59.98'	-173° 25.00'	99	7.0	39	2	38	5	0	30	0
7056	4D Edge	7/24	57° 00.02'	-173° 42.99'	264	7.0	0	0	0	0	20	0	0
7057	4D Edge	7/24	57° 10.00'	-173° 42.99'	82	7.0	304	7	56	10	0	10	0
7058	4D Edge	7/24	57° 19.98'	-173° 42.99'	76	7.0	303	12	29	4	0	50	0
7059	4D Edge	7/25	57° 41.98'	-173° 42.97'	74	7.0	0	0	66	11	0	25	0
7060	4D Edge	7/25	57° 50.03'	-173° 43.00'	86	7.0	291	14	52	7	0	84	0
7061	4D Edge	7/5	58° 20.09'	-174° 20.00'	106	7.0	774	44	124	15	0	90	0
7062	4D Edge	7/3	58° 20.00'	-175° 17.01'	191	7.0	2,871	149	282	31	0	5	0
7063	4D Edge	7/5	58° 30.02'	-174° 20.00'	78	7.0	264	15	125	19	0	158	0
7064	4D Edge	7/3	58° 29.97'	-175° 18.01'	99	7.0	442	20	122	18	0	20	0
7065	4D Edge	6/27	58° 30.01'	-175° 36.93'	96	7.0	62	4	72	10	0	35	0
7068	4D Edge	7/4	58° 39.98'	-174° 39.00'	116	7.0	532	31	275	37	0	30	0
7069	4D Edge	7/4	58° 40.10'	-174° 59.02'	119	7.0	394	23	130	17	0	80	0
7070	4D Edge	7/3	58° 40.00'	-175° 17.90'	121	7.0	949	45	280	33	0	69	0
7071	4D Edge	6/27	58° 40.00'	-175° 56.11'	76	7.5	120	7	57	8	0	102	0
7072	4D Edge	6/27	58° 40.00'	-176° 15.85'	77	7.0	43	2	113	19	0	95	0
7073	4D Edge	6/28	58° 40.00'	-177° 12.99'	78	7.0	317	16	80	10	0	130	5
7074	4D Edge	6/28	58° 50.00'	-177° 33.13'	75	7.0	126	6	60	8	0	95	0
7075	4D Edge	6/28	58° 49.94'	-177° 53.02'	220	7.1	351	14	0	0	5	0	71
7076	4D Edge	6/29	59° 00.00'	-177° 53.95'	76	7.0	748	24	84	14	0	35	0
7077	4D Edge	6/29	59° 00.02'	-178° 13.02'	118	7.1	1,106	31	73	9	0	111	0
7078	4D Edge	7/1	59° 10.02'	-176° 56.02'	79	7.0	1,181	59	136	17	0	91	0
7079	4D Edge	7/1	59° 09.99'	-177° 16.00'	83	7.0	496	24	125	18	0	60	0
7080	4D Edge	6/30	59° 09.98'	-177° 35.01'	90	7.0	401	19	28	4	0	100	0
7081	4D Edge	6/29	59° 10.02'	-177° 54.99'	102	7.0	269	15	119	17	0	50	0
7082	4D Edge	6/29	59° 10.08'	-178° 14.02'	76	7.0	147	8	29	4	0	45	0
7083	4D Edge	7/1	59° 20.05'	-176° 56.99'	80	7.1	600	29	129	18	0	157	0
7084	4D Edge	6/30	59° 20.00'	-177° 17.02'	87	7.0	336	16	81	11	0	198	0
7085	4D Edge	6/30	59° 20.04'	-177° 36.02'	144	7.0	107	5	63	10	0	5	0
7086	4D Edge	7/12	59° 30.00'	-176° 37.93'	78	7.0	103	5	11	1	0	64	0
7087	4D Edge	7/12	59° 30.08'	-176° 58.00'	83	7.0	1,198	68	136	16	0	25	0
7088	4D Edge	7/15	59° 30.07'	-177° 17.99'	85	7.0	1,631	59	119	15	0	60	0
7089	4D Edge	7/15	59° 30.01'	-177° 37.00'	128	7.0	142	5	11	1	0	70	0
7090	4D Edge	7/13	59° 30.02'	-177° 56.97'	214	7.0	3,358	128	195	22	5	0	10
7091	4D Edge	7/13	59° 30.00'	-178° 17.02'	145	7.0	1,126	46	71	8	0	50	0
7092	4D Edge	7/12	59° 40.01'	-176° 59.08'	85	7.0	692	35	140	18	0	145	0
7093	4D Edge	7/15	59° 40.00'	-177° 18.98'	112	7.0	506	22	72	9	0	85	0
7094	4D Edge	7/15	59° 39.97'	-177° 38.95'	126	7.0	650	27	58	7	0	65	0
7095	4D Edge	7/13	59° 40.00'	-177° 58.03'	92	7.0	661	32	60	7	0	60	0
7096	4D Edge	7/13	59° 40.06'	-178° 18.00'	91	7.0	647	29	78	12	0	84	0
7097	4D Edge	7/14	59° 50.00'	-177° 58.91'	79	7.0	391	15	76	9	0	84	0
7098	4D Edge	7/14	59° 50.00'	-178° 18.94'	79	7.0	555	18	49	6	0	35	0
7099	4D Edge	7/14	59° 50.01'	-178° 38.91'	83	7.0	121	6	70	8	0	30	0
9521	4D Edge	7/10	60° 10.02'	-172° 20.05'	31	7.0	0	0	0	0	0	10	0
9522	4D Edge	7/10	60° 10.00'	-172° 40.84'	29	7.0	315	7	0	0	0	5	0
9523	4D Edge	7/10	60° 20.02'	-172° 04.01'	31	7.0	0	0	0	0	0	15	0
9524	4D Edge	7/10	60° 20.01'	-172° 46.00'	10	7.0	223	2	0	0	0	0	0
9525	4D Edge	7/11	60° 20.01'	-173° 04.11'	27	7.0	127	2	3	1	0	69	0
9526	4D Edge	7/9	60° 30.06'	-172° 26.00'	29	7.0	0	0	0	0	0	50	0
9527	4D Edge	7/9	60° 30.02'	-172° 45.01'	19	7.0	258	4	0	0	0	0	0
9528	4D Edge	7/11	60° 29.96'	-173° 07.01'	12	7.0	157	5	9	1	0	0	0
9530	4D Edge	7/9	60° 40.23'	-172° 47.01'	22	7.0	210	6	9	2	0	350	0
1253 Total Effective Stations							936,699	46,244	385,273	50,851	21,438	60,521	12,117

¹ Skate =1,800' groundline, 16/0 circle hooks at 18' spacing, 24"-42" gangions.

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample, except 2B (100%).