

2001 IPHC Stock Assessment Survey

Area 4A

Station Number	Date Fished	North Latitude	West Longitude	Depth (F)	Eff. Skates Set ¹	Halibut (pounds) ²		Bycatch (numbers) ³		
						Legal	Sublegal	Sablefish	P. Cod	Rockfish
6001	6/18	52° 29.84'	169° 41.00'	132		Ineffective Station ⁴				
6002	6/18	52° 29.97'	169° 57.91'	129	4.9	4,241	63	0	34	0
6003	6/14	52° 29.99'	170° 46.02'	82	5.0	1,270	274	0	6	0
6004	6/17	52° 40.09'	169° 09.00'	58	5.0	4,700	188	0	74	5
6005	6/17	52° 39.78'	169° 25.01'	107		Ineffective Station ⁴				
6006	6/18	52° 39.89'	169° 45.00'	38	5.0	4,018	101	0	10	0
6007	6/18	52° 39.84'	169° 57.98'	150		Ineffective Station ⁴				
6008	6/14	52° 39.98'	170° 48.12'	46	5.0	798	117	0	20	0
6009	6/13	52° 42.98'	171° 22.24'	86	5.0	1,808	72	0	16	0
6010	6/6	52° 49.99'	168° 36.17'	54	4.9	2,376	190	0	97	5
6011	6/17	52° 50.00'	168° 51.94'	31	4.9	3,694	201	0	54	0
6012	6/14	52° 50.01'	170° 15.92'	84	5.0	4,558	77	0	84	0
6013	6/13	52° 49.99'	171° 21.02'	98	5.0	1,327	128	0	10	0
6014	6/13	52° 49.02'	171° 34.50'	129	5.0	2,058	74	0	0	0
6015	6/7	53° 00.14'	167° 29.03'	98	5.0	0	49	15	30	0
6016	6/7	53° 00.00'	167° 46.00'	55	5.0	825	419	0	144	0
6017	6/6	53° 00.00'	168° 02.17'	65	5.0	225	282	0	59	0
6018	6/6	53° 00.01'	168° 19.14'	46	5.0	1,687	98	0	115	0
6019	6/15	52° 59.92'	169° 08.98'	117	5.0	892	9	15	89	15
6020	6/12	52° 59.99'	169° 59.00'	64	5.0	2,190	436	0	56	0
6021	6/12	52° 59.98'	170° 15.08'	103	5.1	4,781	46	0	81	0
6022	6/8	53° 10.05'	166° 56.02'	112	5.0	29	94	10	54	0
6023	6/8	53° 09.90'	167° 12.00'	62	5.0	441	542	0	74	0
6024	6/7	53° 10.04'	167° 28.98'	51	5.0	1,184	512	0	0	0
6025	6/7	53° 09.95'	167° 45.99'	43	5.0	1,820	384	0	89	0
6026	6/6	53° 10.05'	168° 02.00'	34	5.0	228	229	0	45	0
6027	6/15	53° 10.07'	168° 51.99'	125	4.9	1,123	35	15	113	0
6028	6/12	53° 10.00'	169° 42.01'	170	4.7	727	0	0	9	0
6029	6/9	53° 19.87'	166° 05.01'	268		Ineffective Station ⁴				
6030	6/9	53° 19.91'	166° 22.01'	138	5.0	126	137	50	6	0
6031	6/9	53° 20.07'	166° 38.01'	71	4.9	253	151	0	69	0
6032	6/8	53° 20.00'	166° 54.48'	51	5.0	1,061	650	0	10	0
6033	6/8	53° 19.91'	167° 11.98'	41	5.0	753	411	0	74	0
6034	6/15	53° 20.00'	168° 36.15'	43	5.0	1,770	123	0	111	0
6035	6/10	53° 29.93'	165° 47.99'	119	5.0	50	113	89	10	0
6036	6/10	53° 29.93'	166° 04.00'	74	5.0	69	88	0	84	0
6037	6/9	53° 29.95'	166° 20.99'	64	5.0	1,277	645	0	25	0
6038	6/16	53° 29.93'	167° 28.00'	45	5.0	318	83	0	35	0
6039	6/2	53° 39.95'	164° 38.00'	195	5.0	1,704	294	55	0	15
6040	6/2	53° 39.98'	164° 54.95'	181	4.9	300	82	73	0	10
6041	6/4	53° 40.08'	165° 13.02'	194	5.0	1,660	209	30	0	5
6042	6/4	53° 39.99'	165° 29.88'	89	5.0	514	297	5	70	0
6043	6/10	53° 39.98'	165° 46.89'	68	5.0	874	619	0	10	0
6044	6/10	53° 40.08'	166° 03.99'	47	5.0	1,176	567	0	0	0
6045	6/16	53° 40.01'	167° 11.16'	35	4.9	638	14	0	74	0
6046	6/16	53° 38.99'	167° 28.05'	96	5.0	419	86	0	64	15
6047	6/1	53° 50.00'	163° 47.66'	49	5.0	2,629	393	0	78	29
6048	6/1	53° 50.02'	164° 04.99'	43	4.9	2,591	277	0	118	0
6049	6/2	53° 49.98'	164° 22.02'	48	4.9	911	110	0	146	0

2001 IPHC Stock Assessment Survey

Area 4A

Station Number	Date Fished	North Latitude	West Longitude	Depth (F)	Eff. Skates Set ¹	Halibut (pounds) ²		Bycatch (numbers) ³		
						Legal	Sublegal	Sablefish	P. Cod	Rockfish
6050	6/2	53° 50.04'	164° 39.00'	54	5.0	1,312	433	0	59	0
6051	6/3	53° 49.92'	164° 56.00'	62	5.0	362	158	0	74	0
6052	6/3	53° 50.03'	165° 12.00'	58	5.0	573	628	0	75	0
6053	6/4	53° 49.84'	165° 28.99'	49	5.0	465	381	0	104	0
6054	5/30	53° 49.92'	165° 46.00'	42	5.0	104	166	0	277	0
6055	5/30	53° 50.04'	166° 03.02'	42	5.0	1,529	484	0	0	0
6056	5/30	53° 50.01'	166° 19.90'	147	5.0	824	47	0	30	0
6057	6/1	54° 00.00'	164° 06.00'	41	5.0	1,518	228	0	15	0
6058	5/31	53° 59.95'	164° 23.02'	56	5.0	573	517	0	114	0
6059	5/31	53° 59.99'	164° 40.19'	53	5.0	505	390	0	163	0
6060	6/3	53° 59.94'	164° 57.00'	44	5.0	607	315	0	83	0
6061	6/3	54° 00.05'	165° 12.02'	41	5.0	1,846	255	0	0	0
6062	6/4	53° 59.99'	165° 29.09'	40	5.0	1,434	422	0	5	0
6063	5/30	53° 59.98'	165° 45.95'	48	5.0	1,661	794	0	45	0
6064	6/1	54° 10.05'	164° 07.00'	38	4.9	564	166	0	123	0
6065	5/31	54° 10.00'	164° 24.99'	49	5.0	1,445	434	0	50	0
6066	5/31	54° 09.98'	164° 41.94'	38	5.0	1,658	344	0	30	0
7001	6/1	54° 30.02'	165° 43.83'	202	5.0	41	91	15	15	0
7002	6/7	54° 29.84'	166° 18.93'	271	5.1	924	28	71	0	0
7003	6/7	54° 30.03'	166° 35.78'	263	5.0	1,537	10	35	0	0
7004	6/6	54° 30.21'	166° 52.56'	259		Ineffective Station ⁴				
7006	6/1	54° 39.97'	165° 25.71'	121	4.9	83	74	0	25	0
7007	6/1	54° 40.01'	165° 42.95'	180	4.9	173	116	29	0	0
7008	6/3	54° 40.04'	166° 01.20'	180	4.9	264	133	10	0	0
7009	6/3	54° 40.00'	166° 18.23'	174	4.9	455	97	5	5	0
7010	6/7	54° 39.89'	166° 34.95'	185	4.9	1,626	203	10	0	0
7011	6/6	54° 40.00'	166° 53.05'	208		Ineffective Station ⁴				
7012	6/6	54° 39.97'	167° 09.93'	248	5.0	1,658	0	5	0	0
7013	6/2	54° 49.97'	165° 25.09'	83	4.8	0	73	0	0	0
7014	6/2	54° 50.48'	165° 42.60'	84	4.9	25	48	0	29	0
7015	6/2	54° 49.99'	165° 59.92'	85	4.7	486	115	0	19	0
7016	6/3	54° 50.06'	166° 17.98'	89	4.9	73	41	0	20	0
7017	6/4	54° 49.88'	166° 35.03'	108	5.0	37	17	0	25	0
7018	6/4	54° 49.88'	166° 51.95'	144	5.0	630	73	0	5	0
7019	6/5	54° 49.97'	167° 10.07'	193	5.0	1,936	219	0	0	0
7021	6/4	55° 00.44'	166° 34.05'	80	4.9	73	50	0	54	0
7022	6/4	54° 59.95'	166° 52.12'	83	4.9	540	61	0	10	0
7023	6/5	54° 59.79'	167° 09.16'	97	4.9	282	30	0	10	0
7024	6/5	54° 59.95'	167° 26.81'	160	5.0	584	83	0	5	0
7025	7/17	55° 10.06'	166° 34.39'	77	5.0	173	16	0	50	0
7026	7/17	55° 10.02'	166° 51.36'	79	5.0	502	32	0	45	0
7027	7/17	55° 10.11'	167° 09.30'	81	5.0	710	4	0	25	0
7028	7/18	55° 10.00'	167° 26.25'	88	5.0	576	26	0	50	0
7029	7/18	55° 09.91'	167° 44.22'	168	5.0	112	0	0	64	0
7030	7/18	55° 20.04'	167° 44.22'	90		Ineffective Station ⁴				
7031	7/19	55° 19.91'	168° 00.87'	196	4.9	51	0	0	0	0
7032	7/19	55° 29.90'	168° 00.86'	79	4.9	88	57	0	49	0
7033	7/19	55° 30.20'	168° 19.02'	132	4.9	54	0	0	35	0
7034	7/14	55° 39.94'	168° 37.02'	78	5.0	90	0	0	64	0

2001 IPHC Stock Assessment Survey

Area 4A

Station Number	Date Fished	North Latitude	West Longitude	Depth (F)	Eff. Skates Set ¹	Halibut (pounds) ²		Bycatch (numbers) ³		
						Legal	Sublegal	Sablefish	P. Cod	Rockfish
7035	7/14	55° 49.95'	168° 37.06'	78	5.0	45	0	0	5	0
7036	7/14	55° 49.94'	168° 51.93'	156	5.0	152	0	0	59	0
7037	7/13	56° 00.04'	168° 19.26'	87	5.0	255	154	0	45	0
7038	7/13	55° 59.98'	168° 37.36'	142	5.0	702	0	0	35	5
7039	6/15	56° 00.16'	169° 47.92'	133	5.0	240	17	0	75	5
7040	6/15	55° 59.97'	170° 06.08'	99	5.0	805	56	0	24	0
7041	7/12	56° 09.96'	168° 01.19'	78	5.0	141	38	0	99	0
7042	7/12	56° 10.09'	168° 19.23'	90	5.0	255	162	0	15	0
7043	7/13	56° 09.87'	168° 36.92'	178	4.9	1,032	0	0	88	20
7044	7/11	56° 10.05'	168° 54.66'	140	5.0	1,589	0	0	50	0
7045	7/11	56° 09.47'	169° 29.46'	299	5.0	2,157	0	10	0	0
7046	6/15	56° 09.89'	170° 42.28'	84	5.0	812	40	0	61	0
7047	7/12	56° 20.07'	168° 00.95'	77	5.0	167	15	0	99	0
7048	7/12	56° 19.98'	168° 19.12'	86	5.0	86	5	0	40	0
7049	7/11	56° 19.96'	169° 13.11'	74	5.0	107	18	0	0	0
Totals for Effective Stations (excl. ineffective stns):						105,392	18,334	544	4,890	128

Totals for all Stations (including ineffective stns): **108,027** **18,404** **621** **5,079** **128**

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

² Weights calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

⁴ Station ineffective for stock assessment (caused by lost gear, snarls, predation, etc.)