

# 1999 IPHC Stock Assessment Survey

Reg. Area	Station Number	Date Fished	North		Depth (F)	Skates Hauled*	Halibut (pounds)		Bycatch (numbers)**			
			Latitude	Longitude			Legal	Sublegal	Sablefish	P. Cod	Rockfish	
2B	2001	6/04/99	48° 19.89'	125° 37.63' W	77	6.7	0	0	62	0	0	
2B	2002	6/04/99	48° 20.02'	125° 52.95' W	209	6.7	1,205	9	133	0	33	
2B	2003	6/05/99	48° 29.33'	125° 23.08' W	84	6.7	41	8	0	0	0	
2B	2004	6/04/99	48° 30.34'	125° 37.72' W	56	6.6	28	8	0	0	0	
2B	2005	6/07/99	48° 29.46'	125° 53.38' W	62	6.7	63	11	0	0	17	
2B	2006	6/07/99	48° 29.18'	126° 07.98' W	110	6.7	1,213	27	54	0	0	
2B	2007	6/05/99	48° 40.13'	125° 07.20' W	33	6.7	835	16	0	0	17	
2B	2008	6/05/99	48° 39.30'	125° 23.14' W	43	6.7	289	43	0	0	12	
2B	2009	6/06/99	48° 40.49'	125° 37.70' W	71	6.7	581	50	0	0	0	
2B	2010	6/06/99	48° 40.17'	125° 52.56' W	39	6.7	526	156	0	0	0	
2B	2011	6/07/99	48° 40.10'	126° 07.94' W	79	6.7	54	23	0	0	0	
2B	2012	6/06/99	48° 49.78'	125° 36.12' W	26	6.6	1,178	20	0	0	16	
2B	2013	6/10/99	48° 50.15'	125° 52.99' W	31	6.7	943	29	0	0	37	
2B	2014	6/10/99	48° 49.53'	126° 07.75' W	53	6.6	24	22	0	0	0	
2B	2015	Unsuccessful Station										
2B	2016	6/10/99	48° 59.93'	126° 08.04' W	39	6.7	953	324	4	0	0	
2B	2017	6/08/99	49° 00.14'	126° 22.86' W	75	6.6	146	97	21	0	0	
2B	2018	6/08/99	48° 59.89'	126° 37.95' W	151	6.6	624	109	103	0	8	
2B	2019	6/09/99	49° 10.13'	126° 23.04' W	47	6.7	70	140	0	0	0	
2B	2020	6/09/99	49° 09.94'	126° 37.64' W	67	6.7	45	0	4	0	0	
2B	2021	6/15/99	49° 09.96'	126° 53.20' W	98	6.7	315	47	21	0	8	
2B	2022	Station Deleted - Outside Standard Depth Range										
2B	2023	6/09/99	49° 20.05'	126° 23.02' W	23	6.7	149	103	0	0	0	
2B	2024	6/14/99	49° 19.48'	126° 37.54' W	28	5.6	205	0	0	0	37	
2B	2025	6/14/99	49° 19.52'	126° 50.97' W	69	6.7	137	101	0	0	0	
2B	2026	6/15/99	49° 19.91'	127° 08.93' W	101	6.7	541	22	92	0	21	
2B	2027	6/13/99	49° 30.19'	126° 37.99' W	24	6.7	102	36	0	0	0	
2B	2028	6/14/99	49° 29.77'	126° 53.02' W	47	6.7	186	157	0	0	30	
2B	2029	6/16/99	49° 29.92'	127° 09.16' W	81	6.4	192	76	48	0	0	
2B	2030	6/16/99	49° 39.89'	127° 09.06' W	63	6.6	46	150	0	0	0	
2B	2031	6/16/99	49° 39.98'	127° 23.73' W	143	6.7	1,634	58	75	0	38	
2B	2032	6/17/99	49° 49.88'	127° 24.09' W	45	6.7	321	135	0	0	4	
2B	2033	6/17/99	49° 50.02'	127° 39.95' W	93	6.7	277	55	4	0	8	
2B	2034	6/17/99	50° 00.11'	127° 39.93' W	46	6.7	436	575	0	0	17	
2B	2035	6/18/99	50° 19.93'	128° 11.12' W	87	6.6	424	68	37	0	58	
2B	2036	Station Deleted - Outside Standard Depth Range										
2B	2037	6/18/99	50° 29.84'	128° 26.94' W	103	6.6	106	26	62	0	74	
2B	2038	6/19/99	50° 40.03'	128° 28.55' W	51	6.7	122	116	0	0	17	
2B	2039	6/19/99	50° 39.94'	128° 44.09' W	106	6.7	115	18	33	0	50	
2B	2040	6/19/99	50° 49.97'	128° 28.11' W	36	6.7	587	58	0	0	8	
2B	2041	6/20/99	50° 59.89'	127° 57.00' W	43	6.6	1,091	280	0	0	0	
2B	2042	6/20/99	51° 00.08'	128° 12.91' W	59	6.7	81	123	4	0	4	
2B	2043	7/01/99	51° 09.96'	127° 56.18' W	68	6.7	42	55	0	0	0	
2B	2044	8/02/99	50° 49.96'	128° 59.91' W	50	6.6	874	168	0	0	49	
2B	2045	8/03/99	50° 49.94'	129° 16.12' W	66	6.7	928	265	0	0	46	
2B	2046	8/11/99	51° 00.03'	128° 28.12' W	51	6.7	146	152	0	0	4	
2B	2047	8/02/99	50° 59.92'	128° 44.06' W	38	6.7	550	76	0	0	8	
2B	2048	8/02/99	50° 59.92'	128° 59.86' W	45	6.7	135	13	0	0	0	
2B	2049	8/03/99	50° 59.91'	129° 15.75' W	88	6.7	29	0	54	0	29	

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

\*\*Bycatch numbers extrapolated from 20-25% sample.

## 1999 IPHC Stock Assessment Survey

Reg. Area	Station Number	Date Fished	North		Depth (F)	Skates Hauled*	Halibut (pounds)		Bycatch (numbers)**		
			Latitude	Longitude			Legal	Sublegal	Sablefish	P. Cod	Rockfish
2B	2050	8/03/99	50° 59.97'	129° 31.96' W	132	6.7	1,076	71	67	0	139
2B	2051	6/20/99	51° 10.08'	128° 11.80' W	56	6.7	339	111	0	0	0
2B	2052	8/11/99	51° 10.03'	128° 28.05' W	106	6.7	75	9	4	0	37
2B	2053	8/10/99	51° 10.03'	128° 44.46' W	54	6.7	101	354	0	0	0
2B	2054	8/08/99	51° 10.00'	129° 00.03' W	73	6.7	273	257	4	0	0
2B	2055	8/08/99	51° 09.95'	129° 15.95' W	138	6.7	411	0	75	0	21
2B	2056	8/07/99	51° 09.95'	129° 32.11' W	156	6.6	335	25	91	0	0
2B	2057	7/01/99	51° 19.99'	127° 54.86' W	69	6.7	835	128	0	0	8
2B	2058	7/01/99	51° 20.17'	128° 11.62' W	49	6.7	183	475	0	0	0
2B	2059	6/30/99	51° 19.89'	128° 26.65' W	80	6.7	120	65	12	0	0
2B	2060	8/10/99	51° 19.98'	128° 43.22' W	112	6.7	129	0	37	0	8
2B	2061	8/08/99	51° 19.77'	128° 58.62' W	134	6.7	544	63	148	0	46
2B	2062	8/07/99	51° 19.91'	129° 14.88' W	130	6.7	336	237	79	0	12
2B	2063	8/07/99	51° 19.98'	129° 31.02' W	112	6.7	102	22	67	0	8
2B	2064	8/06/99	51° 20.02'	129° 46.89' W	133	6.7	370	27	112	0	21
2B	2065	6/30/99	51° 30.11'	128° 11.55' W	48	6.5	630	113	4	0	115
2B	2066	6/30/99	51° 29.92'	128° 27.04' W	103	6.7	183	9	12	0	25
2B	2067	6/24/99	51° 29.95'	128° 43.08' W	48	6.7	149	89	4	0	0
2B	2068	6/24/99	51° 29.93'	128° 59.04' W	25	6.7	373	102	0	0	0
2B	2069	6/25/99	51° 30.07'	129° 15.02' W	27	6.7	85	8	0	0	4
2B	2070	8/06/99	51° 29.93'	129° 30.96' W	58	6.7	2,374	431	0	0	67
2B	2071	8/06/99	51° 29.90'	129° 46.94' W	94	6.7	644	96	25	0	150
2B	2072	8/05/99	51° 30.02'	130° 03.29' W	167	5.8	1,481	41	142	0	67
2B	2073	6/29/99	51° 40.05'	128° 25.95' W	78	6.7	120	46	0	0	42
2B	2074	6/24/99	51° 40.16'	128° 58.83' W	31	6.7	140	49	0	0	0
2B	2075	6/25/99	51° 40.05'	129° 14.95' W	31	6.6	178	72	0	0	0
2B	2076	6/25/99	51° 39.97'	129° 30.92' W	52	6.7	383	303	0	0	0
2B	2077	8/05/99	51° 39.95'	129° 47.06' W	135	6.7	316	56	142	0	12
2B	2078	6/29/99	51° 49.83'	128° 25.96' W	92	6.7	381	79	4	0	54
2B	2079	6/29/99	51° 50.04'	128° 42.09' W	57	6.7	601	865	0	0	0
2B	2080	6/27/99	51° 49.94'	128° 58.10' W	46	6.7	1,587	708	0	0	17
2B	2081	6/26/99	51° 49.91'	129° 13.94' W	67	6.7	462	189	0	0	0
2B	2082	6/26/99	51° 49.95'	129° 31.11' W	140	6.7	183	19	104	0	42
2B	2083	6/27/99	51° 59.85'	128° 41.92' W	89	6.7	422	68	8	0	92
2B	2084	6/27/99	51° 59.94'	128° 58.16' W	72	6.7	2,293	844	0	0	4
2B	2085	6/26/99	51° 59.95'	129° 14.06' W	98	6.7	312	32	8	0	4
2B	2086	7/11/99	52° 10.02'	128° 41.45' W	118	6.7	657	19	8	0	92
2B	2087	8/05/99	51° 39.91'	130° 02.80' W	195	6.7	23	0	146	0	58
2B	2088	8/04/99	51° 39.92'	130° 18.91' W	142	6.7	2,796	34	92	0	50
2B	2089	7/13/99	51° 49.88'	129° 46.95' W	142	6.6	91	26	88	0	21
2B	2090	7/13/99	51° 49.98'	130° 03.18' W	99	6.7	3,057	160	58	4	92
2B	2091	8/04/99	51° 50.00'	130° 19.27' W	117	6.7	2,464	174	12	0	129
2B	2092	8/04/99	51° 49.91'	130° 34.39' W	157	6.7	1,412	98	8	4	42
2B	2093	7/24/99	51° 49.98'	130° 52.62' W	90	6.7	2,289	98	8	0	225
2B	2094	7/12/99	52° 00.02'	129° 30.19' W	113	6.7	274	239	79	0	121
2B	2095	7/15/99	51° 59.86'	129° 46.99' W	64	6.7	1,385	324	0	0	54
2B	2096	7/13/99	51° 59.98'	130° 03.18' W	76	6.7	1,030	422	5	0	5
2B	2097	7/25/99	51° 59.89'	130° 18.64' W	188	6.7	0	46	72	0	21
2B	2098	7/24/99	51° 59.99'	130° 34.72' W	145	6.7	1,427	52	104	0	8

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

\*\*Bycatch numbers extrapolated from 20-25% sample.

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Reg. Area	Station Number	Date Fished	North		Depth (F)	Skates Hauled*	Halibut (pounds)		Bycatch (numbers)**			
			Latitude	Longitude			Legal	Sublegal	Sablefish	P. Cod	Rockfish	
2B	2099	7/24/99	51° 59.98'	130° 51.61' W	103	6.7	1,378	472	8	0	12	
2B	2100	7/11/99	52° 09.95'	128° 57.14' W	89	6.6	319	51	0	0	210	
2B	2101	7/12/99	52° 09.99'	129° 13.78' W	95	6.7	11	44	8	0	25	
2B	2102	7/12/99	52° 09.98'	129° 30.11' W	116	6.7	55	9	42	0	51	
2B	2103	7/15/99	52° 09.82'	129° 46.00' W	115	6.7	145	35	29	0	146	
2B	2104	7/15/99	52° 09.89'	130° 02.91' W	97	6.7	776	510	8	0	8	
2B	2105	7/25/99	52° 09.86'	130° 19.02' W	216	6.6	47	0	107	0	33	
2B	2106	7/25/99	52° 09.96'	130° 34.91' W	106	6.7	685	57	63	0	13	
2B	2107	7/23/99	52° 09.89'	130° 51.90' W	122	6.7	244	61	62	0	17	
2B	2108	7/11/99	52° 19.95'	129° 13.04' W	71	6.6	806	335	0	0	136	
2B	2109	7/16/99	52° 19.87'	129° 29.92' W	96	6.6	464	26	4	0	70	
2B	2110	7/16/99	52° 19.90'	129° 46.05' W	115	6.7	820	199	4	0	181	
2B	2111	7/29/99	52° 19.98'	130° 02.97' W	127	6.7	821	76	0	0	34	
2B	2112	7/29/99	52° 19.95'	130° 18.98' W	189	6.6	68	0	140	0	49	
2B	2113	7/23/99	52° 19.94'	130° 35.28' W	90	6.7	199	27	21	0	117	
2B	2114	7/23/99	52° 19.97'	130° 52.05' W	80	6.7	330	173	42	0	0	
2B	2115	7/16/99	52° 30.12'	129° 30.47' W	37	6.6	1,065	89	0	0	58	
2B	2116	7/17/99	52° 29.90'	129° 45.92' W	99	6.6	1,341	136	83	0	42	
2B	2117	7/17/99	52° 29.95'	130° 01.92' W	148	6.7	492	21	33	0	29	
2B	2118	7/29/99	52° 30.11'	130° 19.19' W	140	6.7	482	21	75	0	33	
2B	2119	7/26/99	52° 30.02'	130° 35.72' W	61	6.7	1,280	132	0	0	58	
2B	2120	Unsuccessful Station										
2B	2121	7/17/99	52° 39.91'	129° 46.20' W	106	6.7	179	74	51	0	55	
2B	2122	7/28/99	52° 39.75'	130° 02.04' W	145	6.7	122	14	67	0	84	
2B	2123	7/28/99	52° 39.95'	130° 18.77' W	118	6.7	456	7	34	4	75	
2B	2124	7/26/99	52° 39.89'	130° 35.18' W	79	6.7	1,598	75	17	8	42	
2B	2125	7/27/99	52° 50.01'	130° 01.92' W	142	6.7	54	0	87	0	67	
2B	2126	7/28/99	52° 50.05'	130° 19.05' W	112	6.7	36	0	33	0	33	
2B	2127	7/27/99	52° 59.97'	129° 44.96' W	115	6.7	192	20	101	0	29	
2B	2128	7/27/99	52° 59.95'	130° 01.77' W	101	6.7	370	43	21	0	71	
2B	2129	6/30/99	52° 30.02'	131° 07.87' W	47	6.5	466	144	0	0	20	
2B	2130	6/30/99	52° 30.02'	131° 25.04' W	68	6.6	1,415	11	0	0	25	
2B	2131	7/01/99	52° 39.95'	130° 52.03' W	53	6.6	535	146	0	0	0	
2B	2132	6/30/99	52° 39.99'	131° 08.14' W	48	6.4	861	244	0	0	0	
2B	2133	7/01/99	52° 50.00'	130° 35.16' W	62	6.5	283	95	4	4	0	
2B	2134	7/01/99	52° 49.99'	130° 52.03' W	29	6.3	896	184	0	0	0	
2B	2135	7/02/99	53° 00.01'	130° 17.87' W	116	6.5	197	0	89	0	61	
2B	2136	7/02/99	53° 01.11'	130° 35.16' W	50	6.6	786	618	0	0	0	
2B	2137	7/02/99	53° 10.01'	130° 18.18' W	85	6.7	209	10	8	0	4	
2B	2138	7/04/99	53° 10.00'	130° 34.97' W	105	6.6	14	19	33	0	25	
2B	2139	7/04/99	53° 10.02'	130° 51.98' W	64	6.7	589	115	0	4	0	
2B	2140	7/03/99	53° 19.98'	130° 17.91' W	61	6.5	270	60	0	4	0	
2B	2141	7/03/99	53° 20.01'	130° 35.02' W	59	6.6	201	107	4	0	8	
2B	2142	7/05/99	53° 20.00'	130° 52.11' W	77	6.7	169	53	12	0	4	
2B	2143	7/20/99	53° 20.00'	132° 48.95' W	77	6.5	1,912	358	0	0	41	
2B	2144	7/20/99	53° 20.00'	133° 06.06' W	179	6.6	1,167	33	54	0	58	
2B	2145	7/05/99	53° 30.00'	130° 51.98' W	53	6.7	241	197	4	0	0	
2B	2146	7/20/99	53° 30.02'	133° 06.06' W	239	6.7	158	0	129	0	179	
2B	2147	7/06/99	53° 40.02'	130° 34.94' W	49	6.5	300	89	0	0	0	

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\*\*Bycatch numbers extrapolated from 20-25% sample.

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			Latitude	Longitude			Legal	Sublegal	Sablefish	P. Cod	Rockfish
2B	2148	7/05/99	53° 40.00'	130° 52.14' W	26	6.5	627	40	0	0	4
2B	2149	7/21/99	53° 40.01'	133° 06.98' W	75	6.6	2,194	216	0	0	107
2B	2150	7/06/99	53° 50.00'	130° 51.97' W	49	6.7	889	346	0	0	0
2B	2151	7/21/99	53° 59.99'	133° 25.12' W	45	6.6	2,391	227	0	0	70
2B	2152	7/14/99	54° 10.01'	130° 35.19' W	64	6.6	128	9	0	0	0
2B	2153	7/22/99	54° 10.01'	131° 59.81' W	40	6.6	61	890	0	0	0
2B	2154	7/19/99	54° 09.98'	132° 16.91' W	52	6.6	63	864	0	0	0
2B	2155	7/10/99	54° 10.00'	132° 33.88' W	47	6.7	135	352	0	0	0
2B	2156	7/11/99	54° 10.01'	133° 09.16' W	27	5.8	581	203	0	0	51
2B	2157	7/11/99	54° 10.00'	133° 25.90' W	215	6.5	573	36	41	0	81
2B	2158	7/14/99	54° 19.98'	130° 35.04' W	56	6.6	431	88	4	0	4
2B	2159	7/18/99	54° 20.03'	131° 08.88' W	41	6.6	183	395	0	0	0
2B	2160	7/23/99	54° 20.01'	131° 25.84' W	96	6.5	140	29	33	0	33
2B	2161	7/22/99	54° 19.98'	131° 42.84' W	104	6.7	297	140	46	0	29
2B	2162	7/22/99	54° 19.99'	132° 01.00' W	137	6.5	581	27	195	0	12
2B	2163	7/19/99	54° 19.99'	132° 17.82' W	119	6.6	551	78	4	4	8
2B	2164	7/10/99	54° 19.99'	132° 34.81' W	144	6.6	459	64	82	4	45
2B	2165	7/09/99	54° 19.99'	132° 52.01' W	217	6.6	796	58	107	0	37
2B	2166	7/09/99	54° 19.97'	133° 08.84' W	254	6.6	621	34	189	0	33
2B	2167	7/12/99	54° 20.01'	133° 26.07' W	128	6.6	1,348	151	25	0	41
2B	2168	7/12/99	54° 20.00'	133° 42.99' W	135	6.6	3,077	369	25	0	0
2B	2169	7/13/99	54° 30.01'	130° 35.02' W	66	6.5	482	39	28	0	4
2B	2170	7/13/99	54° 30.02'	131° 09.15' W	75	6.6	741	194	25	4	4
2B	2171	7/18/99	54° 30.02'	131° 26.34' W	68	6.6	894	117	21	0	16
2B	2172	7/23/99	54° 29.98'	131° 43.84' W	185	6.7	20	0	58	0	0

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\*\*Bycatch numbers extrapolated from 20-25% sample.