

**2011 IPHC Stock Assessment Survey
Area 2A**

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
1001	8/27	42° 00.02'	-124° 27.00'	52	6.0	0	0	0	0	0	0	0
1002	8/28	42° 10.16'	-124° 27.00'	52	6.1	0	0	0	0	0	0	0
1003	9/3	42° 20.09'	-124° 41.02'	153	6.0	0	0	0	0	0	0	0
1004	9/3	42° 30.00'	-124° 40.94'	63	6.0	217	10	30	4	0	0	0
1005	9/1	42° 40.46'	-124° 39.86'	78	6.0	0	0	0	0	0	0	0
1006	8/25	42° 49.94'	-124° 40.01'	45	5.9	220	8	9	1	0	0	0
1007	8/25	42° 50.01'	-124° 54.00'	215	6.0	16	1	0	0	65	0	0
1008	8/25	42° 59.89'	-124° 40.00'	70	6.0	0	0	0	0	0	0	0
1009	8/24	42° 59.94'	-124° 54.00'	211	6.0	39	1	0	0	50	0	5
1010	8/24	43° 10.06'	-124° 40.00'	79	5.9	128	4	0	0	0	0	0
1011	9/4	43° 19.89'	-124° 40.00'	101	6.0	94	4	7	1	0	0	0
1012	8/22	43° 29.98'	-124° 25.95'	61	5.8	325	16	61	7	0	0	0
1013	8/22	43° 30.04'	-124° 40.00'	200	6.0	60	3	0	0	69	0	0
1014	9/4	43° 39.89'	-124° 25.99'	67	6.0	101	6	0	0	0	0	0
1015	8/22	43° 40.00'	-124° 40.00'	224	6.0	53	2	0	0	45	0	0
1016	9/5	43° 49.96'	-124° 26.00'	67	6.0	0	0	0	0	0	0	0
1017	8/21	43° 50.03'	-124° 40.00'	193	6.0	88	4	0	0	105	0	0
1018	8/18	43° 59.84'	-124° 26.00'	68	6.0	11	1	10	1	0	0	0
1019	8/21	44° 00.09'	-124° 40.00'	74	6.0	0	0	11	1	0	0	0
1020	8/17	44° 00.04'	-124° 54.00'	49	5.5	799	26	5	1	0	0	32
1021	8/18	44° 09.98'	-124° 11.98'	30	6.0	20	1	0	0	0	0	0
1022	8/16	44° 09.96'	-124° 25.99'	55	6.0	12	1	0	0	0	0	0
1023	8/16	44° 09.95'	-124° 40.01'	64	6.0	11	1	5	1	0	0	0
1024	8/17	44° 10.00'	-124° 54.01'	68	5.9	410	17	43	5	0	0	29
1025	8/6	44° 20.02'	-124° 12.01'	30	6.0	106	5	0	0	0	0	0
1026	8/7	44° 20.02'	-124° 26.02'	49	5.8	133	7	0	0	0	0	0
1027	8/16	44° 20.06'	-124° 39.99'	52	3.5	779	34	38	5	0	0	4
1028	8/6	44° 29.98'	-124° 12.00'	31	5.8	389	15	13	2	0	0	0
1029	8/7	44° 29.99'	-124° 40.00'	111	6.0	113	7	58	7	25	0	0
1030	8/15	44° 39.88'	-124° 10.98'	33	6.0	222	10	10	1	0	0	0
1031	8/15	44° 39.98'	-124° 25.01'	52	6.0	61	3	15	2	0	0	5
1032	8/9	44° 39.86'	-124° 40.01'	154	5.8	89	5	10	1	92	0	0
1033	8/9	44° 39.93'	-124° 54.01'	284	5.9	0	0	0	0	88	0	0
1034	8/15	44° 50.05'	-124° 11.00'	43	5.9	143	7	11	1	0	0	0
1035	8/10	44° 49.92'	-124° 25.00'	82	6.0	1,052	73	403	47	20	0	0
1036	8/10	44° 50.11'	-124° 39.01'	187	5.8	96	5	0	0	102	0	0
1037	8/2	44° 59.97'	-124° 11.01'	61	5.9	28	2	25	3	0	0	0
1038	8/10	44° 59.98'	-124° 25.01'	148	5.9	353	17	37	4	64	0	0
1039	8/3	45° 00.14'	-124° 39.00'	252	5.9	15	1	0	0	15	0	0
1040	8/2	45° 10.11'	-124° 11.00'	72	5.9	50	3	36	4	5	0	0
1041	8/2	45° 10.10'	-124° 25.00'	203	5.9	0	0	0	0	44	0	0
1042	7/30	45° 20.04'	-124° 11.00'	73	6.0	28	1	0	0	0	0	0
1043	7/31	45° 19.95'	-124° 24.98'	197	3.1	0	0	0	0	23	0	0
1044	7/31	45° 20.00'	-124° 39.00'	252	5.9	0	0	0	0	64	0	0
1045	7/30	45° 30.05'	-124° 11.00'	67	5.9	39	2	10	1	0	0	0
1046	7/29	45° 30.00'	-124° 25.00'	112	5.9	208	13	44	5	10	0	0
1047	7/31	45° 29.97'	-124° 39.00'	256	5.9	0	0	0	0	103	0	0
1048	7/29	45° 39.99'	-124° 10.00'	57	5.9	87	5	0	0	0	0	0
1049	7/29	45° 40.02'	-124° 25.00'	91	5.9	0	0	10	1	0	0	0
1050	7/26	45° 40.10'	-124° 39.00'	181	5.6	0	0	0	0	56	0	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
1051	7/27	45° 50.02'	-124° 10.00'	53	6.0	115	6	22	3	0	0	0
1052	7/26	45° 50.00'	-124° 24.99'	83	5.8	0	0	0	0	29	0	0
1053	7/26	45° 49.98'	-124° 39.00'	111	5.9	0	0	9	1	39	0	0
1054	7/27	46° 00.02'	-124° 10.00'	47	5.8	121	7	36	4	0	0	0
1055	7/27	45° 59.99'	-124° 24.01'	76	5.9	0	0	0	0	10	0	0
1056	7/25	46° 00.09'	-124° 39.00'	103	5.9	158	8	0	0	34	0	0
1057	7/25	46° 09.85'	-124° 39.00'	130	5.9	46	3	0	0	64	0	0
1058	7/21	46° 19.95'	-124° 24.00'	65	5.9	15	1	11	1	5	0	0
1059	7/20	46° 29.66'	-124° 23.99'	52	6.0	59	4	40	6	0	0	0
1060	7/20	46° 39.89'	-124° 24.09'	46	6.0	31	2	17	2	0	0	0
1061	7/18	46° 39.98'	-124° 37.99'	74	6.0	337	18	44	5	5	0	0
1062	7/14	46° 50.09'	-124° 23.98'	38	6.0	0	0	0	0	0	0	0
1063	7/18	46° 49.98'	-124° 38.03'	65	5.9	84	5	70	8	15	0	0
1064	7/18	46° 49.94'	-124° 53.04'	112	6.0	497	27	200	24	54	0	5
1065	7/14	47° 00.00'	-124° 24.00'	29	5.9	204	10	6	1	0	0	0
1066	7/12	46° 59.92'	-124° 38.00'	52	6.0	57	4	44	5	0	0	0
1067	6/9	47° 00.61'	-124° 53.01'	92	6.0	99	6	0	0	5	0	5
1068	7/12	47° 10.12'	-124° 24.02'	24	5.8	82	3	0	0	0	0	0
1069	7/12	47° 09.91'	-124° 38.05'	48	5.8	27	1	14	2	0	0	0
1070	6/9	47° 09.94'	-124° 52.97'	83	6.0	224	14	135	15	0	0	0
1071	6/10	47° 20.02'	-124° 37.87'	47	6.0	31	2	21	3	0	0	0
1072	7/10	47° 29.93'	-124° 50.38'	75	6.0	356	19	77	9	10	0	5
1073	7/10	47° 39.90'	-124° 38.00'	26	5.9	391	17	37	4	0	0	0
1074	7/10	47° 39.84'	-124° 52.98'	62	6.1	153	9	0	0	0	0	0
1075	6/13	47° 49.45'	-124° 52.90'	53	6.0	247	16	140	19	0	0	0
1076	7/9	47° 49.83'	-125° 08.00'	166	6.0	0	0	0	0	25	0	15
1077	6/13	47° 59.67'	-124° 52.83'	37	6.0	337	17	116	13	0	0	0
1078	7/9	48° 00.03'	-125° 08.00'	79	6.1	0	0	10	1	0	0	0
1079	6/22	48° 00.01'	-125° 37.98'	177	6.0	436	20	10	1	40	0	25
1080	6/20	48° 10.46'	-124° 53.00'	32	6.0	271	17	106	13	0	0	0
1081	6/21	48° 09.74'	-125° 07.95'	78	5.9	247	11	0	0	0	0	0
1082	6/21	48° 09.96'	-125° 22.96'	61	6.0	442	24	145	17	0	0	5
1083	6/23	48° 09.93'	-125° 37.99'	94	6.0	842	47	69	8	30	0	10
1084	6/23	48° 19.93'	-125° 23.00'	67	5.9	170	8	8	1	0	0	5
1101	9/4	43° 19.98'	-124° 26.01'	29	6.0	89	3	8	1	0	0	0
1102	9/5	43° 49.84'	-124° 12.00'	20	6.0	114	5	11	1	0	0	0
1103	8/18	43° 59.89'	-124° 11.99'	28	6.0	169	6	0	0	0	0	0
1104	8/7	44° 29.98'	-124° 26.01'	38	6.0	1,282	52	57	7	0	0	10
1105	8/8	44° 30.05'	-124° 54.00'	239	5.9	0	0	0	0	108	0	15
1107	7/21	46° 09.99'	-124° 10.00'	32	6.0	88	4	21	2	0	0	0
1108	7/25	46° 09.86'	-124° 24.00'	67	5.8	60	4	27	3	0	0	0
1115	6/10	47° 29.91'	-124° 38.03'	37	6.0	145	9	41	5	0	0	0
1116	7/1	47° 19.99'	-122° 28.16'	34	6.0	0	0	0	0	0	0	0
1118	6/30	47° 50.20'	-122° 25.06'	91	5.9	0	0	0	0	0	0	0
1119	6/30	47° 51.03'	-122° 38.88'	28	4.9	0	0	0	0	0	0	0
1121	6/28	48° 09.84'	-122° 55.01'	15	6.0	24	1	0	0	0	0	0
1122	6/18	48° 11.48'	-123° 21.94'	62	6.1	210	6	11	1	0	0	0
1123	6/18	48° 10.01'	-123° 38.11'	32	6.0	166	9	55	7	0	0	0
1124	6/28	48° 20.06'	-122° 55.88'	67	6.0	297	14	0	0	0	0	0
1125	6/28	48° 19.92'	-123° 08.18'	64	5.9	240	12	9	1	0	0	0

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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	O32 Halibut		U32 Halibut		Bycatch (numbers) ³			
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish	
1126	6/19	48° 19.11'	-124° 23.02'	32	6.0	219	13	53	7	0	0	0	
1127	7/3	48° 39.70'	-123° 07.64'	45	5.9	0	0	0	0	0	0	0	
1128	7/4	48° 50.95'	-122° 50.56'	35	5.9	63	3	7	1	0	0	0	
1517	6/20	48° 20.21'	-124° 53.08'	112	6.0	485	22	57	6	10	0	5	
1519	6/20	48° 20.13'	-125° 03.95'	104	6.0	0	0	10	1	10	0	0	
1525	6/19	48° 29.76'	-124° 54.82'	45	6.1	102	7	70	8	0	0	0	
1601	8/31	42° 19.92'	-124° 28.00'	25	6.0	128	5	0	0	0	0	0	
1602	8/31	42° 29.91'	-124° 29.36'	18	6.0	39	1	0	0	0	0	0	
1603	9/4	43° 09.90'	-124° 27.00'	18	6.0	0	0	0	0	0	0	0	
1615	7/21	46° 19.98'	-124° 10.00'	15	6.0	0	0	0	0	0	0	0	
1616	7/20	46° 30.14'	-124° 10.00'	17	5.9	89	4	0	0	0	0	0	
1617	7/14	46° 50.03'	-124° 10.64'	11	6.0	0	0	0	0	0	0	0	
1618	6/11	47° 20.05'	-124° 24.00'	16	5.9	249	10	9	1	0	0	0	
1619	6/11	47° 29.99'	-124° 24.73'	10	6.0	0	0	0	0	0	0	0	
1620	6/13	47° 49.97'	-124° 38.03'	16	6.0	331	16	10	1	0	0	0	
1621	7/2	48° 08.14'	-122° 23.64'	63	6.0	0	0	0	0	0	0	0	
1624	7/4	48° 58.52'	-122° 54.86'	16	5.9	0	0	0	0	0	0	0	
1701	8/27	41° 59.84'	-124° 40.02'	310	6.0	0	0	0	0	21	0	0	
1702	8/28	42° 10.09'	-124° 41.00'	289	6.0	0	0	0	0	10	0	0	
1703	9/1	42° 39.84'	-124° 52.00'	375	6.0	0	0	0	0	61	0	0	
1704	8/24	43° 09.91'	-124° 54.00'	277	6.0	0	0	0	0	104	0	20	
1705	8/23	43° 20.02'	-124° 54.00'	359	6.0	0	0	0	0	10	0	0	
1706	8/23	43° 30.09'	-124° 54.00'	397	5.9	0	0	0	0	25	0	0	
1707	8/21	43° 50.09'	-124° 53.45'	236	6.0	0	0	0	0	55	0	0	
1708	8/8	44° 19.97'	-124° 54.02'	304	6.0	0	0	0	0	54	0	0	
1709	8/9	44° 50.10'	-124° 54.02'	294	5.9	0	0	0	0	49	0	5	
1710	8/3	45° 10.05'	-124° 39.00'	282	5.9	0	0	0	0	5	0	0	
1720	7/24	46° 19.73'	-124° 38.46'	234	6.0	15	1	0	0	74	0	30	
1721	7/24	46° 31.02'	-124° 38.00'	284	5.9	0	0	0	0	64	0	5	
1722	7/12	46° 39.98'	-124° 53.00'	349	6.0	0	0	0	0	50	0	0	
1723	7/13	46° 50.00'	-125° 08.00'	383	6.0	0	0	0	0	64	0	0	
1724	6/12	47° 29.92'	-125° 07.93'	322	6.0	0	0	0	0	60	0	5	
1725	6/12	47° 40.03'	-125° 08.00'	281	6.0	0	0	0	0	50	0	0	
1726	6/22	47° 59.92'	-125° 23.02'	311	6.0	0	0	0	0	70	0	5	
134 Total Effective 2A Stations						Totals	17,280	854	2,739	325	2,362	0	249

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

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample for all outside stations. Bycatch numbers from Puget Sound stations obtained from 100% hook count observations.

N.B. The following stations were new in 2011. Stations 1101-1115, 1517, 1519, and 1525 were in the traditional depth range of 20-275 fm and on the outer coast. Stations 1116-1128 were in the traditional depth range, but were all located in inside waters. Stations in the 1600 series were in shallow water (10-19 fm) and stations in the 1700 series were in deeper water (276-400 fm) compared to traditional stations. Only stations in the standard depth range were used when doing stock assessment