

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4792	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000003
4793	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000082
4794	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000020
4795	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000022
4799	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000006
4801	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000119
4803	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000002
4805	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000007
4807	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000323
4816	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000017
4815	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000027
4814	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000040
4813	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000021
4812	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000007
4811	8226	37.369636	-123.055236	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000045
4810	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000549
4809	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000045
4808	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000067
4825	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002767
4824	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006402
4823	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000009
4822	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012328
4821	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003616
4820	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003122
4819	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000713
4818	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000120
4817	8985	38.005461	-123.488182	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000187
4842	10505	39.267680	-124.144122	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000016
4841	10397	39.176582	-124.029726	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009458
4840	10396	39.178477	-124.146531	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000844
4839	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019267
4838	10288	39.087377	-124.032280	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012730
4837	10287	39.089270	-124.148934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000461
4836	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021731
4835	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012003
4834	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015657
4867	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000606
4866	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000781
4865	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005226
4864	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001164
4863	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000031

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4862	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000990
4861	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002362
4860	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000043
4859	11374	39.986215	-124.479215	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000067
4858	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003254
4857	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001627
4856	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004606
4855	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006711
4854	11158	39.804610	-124.247418	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000016
4853	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021103
4852	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007334
4851	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015855
4850	10941	39.624451	-124.134424	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000232
4849	10833	39.533359	-124.019443	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002829
4848	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000049
4847	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001501
4846	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000026
4845	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002714
4844	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000017
4843	10506	39.265783	-124.027166	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002831
4833	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013358
4832	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007864
4831	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001664
4830	9853	38.728510	-123.926384	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000441
4829	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002203
4828	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003050
4827	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004173
4826	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008447
4939	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003994
4938	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015842
4937	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003667
4936	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010348
4935	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010185
4934	13661	41.861608	-124.679204	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000087
4933	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007913
4932	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006327
4931	13552	41.772432	-124.680985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000036
4930	13551	41.773679	-124.802392	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000010
4929	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002730
4928	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021920
4927	13443	41.683258	-124.682762	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000062

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4926	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000017
4925	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001369
4924	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003386
4923	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.032495
4922	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000100
4921	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000033
4920	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001969
4919	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004592
4918	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011506
4917	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000066
4916	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001555
4915	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004190
4914	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010347
4913	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004526
4912	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000018
4911	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008142
5031	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003909
4910	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011518
4909	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007076
4908	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001337
4907	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007648
4906	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007384
4905	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004341
4904	12899	41.236050	-124.571148	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000311
4903	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011586
4902	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005873
4901	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002165
4900	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003982
4899	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002062
4898	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000037
4897	12680	41.059070	-124.695068	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000001
4896	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003111
4895	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012499
4894	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013716
4893	12571	40.969902	-124.696807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000139
4892	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002025
4891	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020497
4890	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004818
4889	12462	40.880734	-124.698542	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000001
4888	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000368
4887	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014734

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4886	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009763
4885	12353	40.791565	-124.700272	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000002
4884	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005255
4883	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009231
4882	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000110
4881	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004001
4880	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002948
4879	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003489
4878	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006303
4877	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008392
4876	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003807
4875	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004443
4874	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001953
4873	11700	40.255197	-124.591875	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000471
4872	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000172
4871	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000096
4870	11697	40.258854	-124.947931	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000009
4869	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004518
4868	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002943
5012	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.016268
5011	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004906
5010	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002878
5009	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013653
5008	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011308
5007	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006844
5006	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002302
5005	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.035232
5004	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.018713
5003	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007220
5002	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001641
5001	15947	43.738624	-125.016013	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000734
5000	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.039800
4999	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.024454
4998	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005355
4997	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000685
4996	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000359
4995	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.026259
4994	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023772
4993	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002238
4992	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000551
4991	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000476

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4990	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022194
4989	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020855
4988	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000865
4987	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000783
4986	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000400
4985	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006476
4984	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000813
4983	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000338
4982	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000354
4981	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007519
4980	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006271
4979	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000240
4978	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021486
4977	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004194
4976	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.034491
4975	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.053959
4974	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002073
4973	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008181
4972	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.048785
4971	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008209
4970	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003282
4969	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027544
4968	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007818
4967	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004683
4966	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001344
4965	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028650
4964	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019226
4963	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015059
4962	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007734
4961	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013893
4960	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002148
4959	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010796
4958	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004722
4957	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001173
4956	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007779
4955	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005302
4954	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003297
4953	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004568
4952	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003980
4951	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002462
4950	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000019

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
4949	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009672
4948	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001216
4947	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005313
4946	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000921
4945	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003963
4944	13987	42.130403	-124.795894	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000629
4943	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000009
4942	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006628
4941	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002597
4940	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000032
5206	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019057
5205	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.017788
5204	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.044660
5203	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012042
5202	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005977
5201	19869	46.961082	-125.227619	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002770
5200	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019803
5199	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021401
5198	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.067970
5197	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019673
5196	19761	46.870545	-125.097213	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004762
5195	19760	46.871379	-125.228748	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001522
5194	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000515
5193	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021298
5192	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027035
5191	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.039743
5190	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010386
5189	19652	46.780860	-125.098530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002464
5188	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000357
5187	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002920
5186	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015282
5185	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010389
5184	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.033080
5183	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.035858
5182	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006944
5181	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000842
5180	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008632
5179	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008928
5178	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028874
5177	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.047099
5176	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.034085

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5175	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.040316
5174	19435	46.600579	-124.970196	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001775
5173	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005896
5172	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008538
5171	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.065199
5170	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.031540
5169	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011361
5168	19327	46.509855	-124.840930	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009518
5167	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005311
5166	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012115
5165	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.043528
5164	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.104727
5163	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.051553
5162	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005775
5161	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.046197
5160	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.057577
5159	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027073
5158	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007853
5157	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001708
5156	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005778
5155	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.043581
5154	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.043512
5153	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022220
5152	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012054
5030	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.043595
5029	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028508
5028	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010695
5027	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001493
5026	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.047330
5025	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013874
5024	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001571
5023	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.043549
5022	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014022
5021	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001022
5020	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014354
5019	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011114
5018	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015059
5017	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015390
5016	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012221
5015	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003365
5014	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014839

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5013	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008872
5151	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001852
5150	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002007
5149	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000530
5148	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.037615
5147	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.040340
5146	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.039822
5145	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.081263
5144	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.016951
5143	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001998
5142	18789	46.050742	-123.940716	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000146
5141	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001732
5140	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.017505
5139	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.035474
5138	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.065960
5137	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.084504
5136	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.054616
5135	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020971
5134	18680	45.961217	-123.943682	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001112
5133	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010349
5132	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023282
5131	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.042145
5130	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.069076
5129	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.118592
5128	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.031198
5127	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009000
5126	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021404
5125	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020053
5124	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022459
5123	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.054984
5122	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023975
5121	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007204
5120	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022934
5119	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011798
5118	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027487
5117	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019888
5116	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.026629
5115	18455	45.793333	-124.854248	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002338
5114	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012323
5113	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.018698
5112	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.026603

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5111	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.036724
5110	18346	45.703831	-124.855891	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002458
5109	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010798
5108	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020550
5107	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010689
5106	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014950
5105	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013661
5104	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000036
5103	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019033
5102	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013815
5101	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009456
5100	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000052
5099	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023025
5098	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012839
5097	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020140
5096	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.004722
5095	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015722
5094	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022019
5093	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.011449
5092	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.153511
5091	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.074443
5090	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005132
5089	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013503
5088	17910	45.345949	-124.862417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000220
5087	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014817
5086	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.088129
5085	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.033429
5084	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.014038
5083	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010310
5082	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000435
5081	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000412
5080	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010952
5079	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.031201
5078	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.088867
5077	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.040323
5076	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027997
5075	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008948
5074	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001024
5073	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019559
5072	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.019023
5071	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.098835

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5070	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027726
5069	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012039
5068	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010143
5067	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000664
5066	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012309
5065	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.057043
5064	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.032558
5063	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.016219
5062	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.016148
5061	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000878
5060	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007981
5059	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.058625
5058	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.109363
5057	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027361
5056	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028526
5055	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.008190
5054	17364	44.899921	-124.997901	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001180
5053	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001783
5052	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.056010
5051	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.085849
5050	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.071182
5049	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009560
5048	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012780
5047	17255	44.810535	-124.999318	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000458
5046	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000970
5045	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.050890
5044	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.098265
5043	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.085687
5042	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007229
5041	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012992
5040	17146	44.721159	-125.000730	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000239
5039	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009320
5038	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.105931
5037	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.017230
5036	17037	44.631793	-125.002139	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000261
5035	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010751
5034	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.083259
5033	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.035425
5032	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009243
5289	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.079979
5288	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.015091

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5287	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.126802
5286	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.253096
5285	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027614
5284	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.207183
5283	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.222439
5282	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.211594
5281	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021304
5280	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028259
5279	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.397527
5278	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005777
5277	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.250442
5276	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.018039
5275	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.055270
5274	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.439474
5273	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.426480
5272	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.151838
5271	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.007180
5270	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.080547
5269	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.251356
5268	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.209668
5267	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.051593
5266	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.072055
5265	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.245096
5264	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.031286
5263	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.109362
5262	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.197783
5261	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.284137
5260	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.040447
5259	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023740
5258	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023505
5257	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.009486
5256	21071	47.946069	-124.813344	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003035
5255	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010542
5254	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.041180
5253	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.034270
5252	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.026657
5251	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.045652
5250	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001380
5249	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.048722
5248	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.047651
5247	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.012751

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
5246	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.026709
5245	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.025435
5244	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.052144
5243	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.027156
5242	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002578
5241	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000437
5240	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006614
5239	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.044732
5238	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.075333
5237	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006061
5236	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.001340
5235	20738	47.681096	-125.618350	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002189
5234	20737	47.681411	-125.751648	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002147
5233	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000822
5232	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006964
5231	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.048315
5230	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.089177
5229	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.023976
5228	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.005147
5227	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.002514
5226	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.022938
5225	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.092515
5224	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.028253
5223	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.025522
5222	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.006504
5221	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.010523
5220	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.102387
5219	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.107424
5218	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.003683
5217	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.088835
5216	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.050152
5215	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.057836
5214	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.108336
5213	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.020783
5212	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.021264
5211	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.045333
5210	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.092693
5209	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.013118
5208	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.054081
5207	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.041313
4806	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006		Atheresthes stomias	Arrowtooth flounder	0.000006

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4804	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000006
4802	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000179
4800	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000081
4798	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000045
4797	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000024
4796	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000001
1829	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000063
1830	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.001159
1831	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.034332
1832	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.029964
1836	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.005327
1838	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000073
1840	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.011460
1842	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.026769
1844	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.011876
1853	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.002232
1852	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000061
1851	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.010627
1850	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000413
1849	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000577
1848	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.019486
1847	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000190
1846	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.027965
1845	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.019958
1870	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003333
1869	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000374
1868	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000024
1867	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.001024
1866	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.011899
1865	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000906
1864	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000803
1863	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003092
1862	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003623
1861	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.002101
1860	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.002909
1859	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.002120
1858	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000723
1857	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000199
1856	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000641
1855	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000074
1854	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.018350

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1895	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000001
1894	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000018
1893	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000003
1892	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000011
1891	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000054
1890	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000032
1889	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000105
1888	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000041
1887	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000180
1912	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000051
1911	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000076
1910	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000037
1909	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000290
1908	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000069
1907	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000206
1906	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000108
1905	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000081
1904	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000078
1929	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000021
1928	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000093
1927	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000071
1926	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000037
1925	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000050
1924	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000044
1923	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000041
1922	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000131
1921	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000041
1946	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000003
1945	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003655
1944	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000256
1943	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.001025
1942	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.001482
1941	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000025
1940	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000418
1939	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003978
1938	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.003329
1951	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000002
1950	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000066
1949	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000010
1948	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000017
1947	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000009

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1937	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000015
1936	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000003
1935	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000225
1934	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000303
1933	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000586
1932	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000038
1931	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000051
1930	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000121
1920	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000001
1919	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000026
1918	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000193
1917	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000009
1916	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000012
1915	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000017
1914	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000016
1913	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000016
1903	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000001
1902	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000009
1901	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000002
1900	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000932
1899	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000009
1898	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000718
1897	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000011
1896	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000001
1886	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000147
1885	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000069
1884	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000076
1883	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000066
1882	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000243
1881	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000027
1880	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000216
1879	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000160
1878	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000929
1877	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000023
1876	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000112
1875	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000221
1874	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000002
1873	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000262
1872	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000030
1871	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.001890
1843	7690	36.892294	-122.056576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000366

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1841	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.028418
1839	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.002249
1837	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.039650
1835	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.015415
1834	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.012544
1833	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes paucispinis	Bocaccio	0.000157
252	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
253	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002192
254	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003472
255	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000082
256	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000020
257	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
258	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003192
259	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000030
260	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000011
261	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000128
262	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000428
263	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001365
264	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001411
265	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000039
266	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000024
267	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002703
268	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000172
269	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000195
270	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000192
271	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000061
272	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000200
273	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000299
274	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000225
275	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000102
276	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000126
277	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000267
278	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000277
279	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000176
280	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000233
281	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000261
282	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000337
283	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001332
284	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001869
126	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002666
285	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000863

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
286	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001892
287	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002073
288	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000615
289	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.011377
290	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000037
291	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001022
292	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001128
135	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000113
134	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000348
133	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.018721
132	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000254
131	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001730
130	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000842
129	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.005260
128	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003164
127	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000205
293	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000139
294	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.007000
295	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000132
296	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000130
297	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000273
298	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000105
299	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000386
300	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002890
136	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000402
301	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000780
302	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
303	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000967
304	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
305	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000009
306	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000030
307	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000011
308	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000276
153	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.004055
152	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000017
151	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.020220
150	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000251
149	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000011
148	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
147	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
146	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
145	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000022
170	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.010583
169	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001761
168	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001691
167	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.003587
166	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001773
165	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.003916
164	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000008
163	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000032
162	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.002776
315	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.017239
251	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000332
250	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001002
249	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.003236
248	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000084
247	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001963
246	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001959
245	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001436
244	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000014
243	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000028
242	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001072
241	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.001255
240	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000904
239	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000757
238	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000115
237	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000844
236	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000538
235	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000105
234	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000614
233	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000012
232	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000022
231	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000289
230	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000252
229	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000140
228	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000739
227	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000014
226	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000011
225	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000397
224	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000281
223	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000147
222	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes pinniger	Canary rockfish	0.000499

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
221	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000151
220	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000024
219	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000310
218	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001042
217	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000495
216	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000128
215	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000199
214	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000063
213	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000407
212	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000015
211	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001258
210	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000042
209	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000028
208	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001175
207	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000027
206	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001348
205	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002499
204	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002081
203	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003886
202	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000069
201	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000763
200	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001652
199	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000173
198	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001655
197	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001067
196	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000435
195	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000839
194	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000136
193	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000071
192	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000074
191	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001553
190	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000076
189	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000117
125	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000914
124	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000044
123	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000981
122	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000012
121	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000250
120	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000014
119	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000013
118	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000034

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
117	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000141
334	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000392
333	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001419
332	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001434
331	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000378
330	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001521
329	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000005
328	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001946
327	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003928
326	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.011860
325	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000356
324	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.044036
323	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.007621
322	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001952
321	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000610
320	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001378
319	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.027399
318	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001941
317	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000745
316	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000140
116	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000036
115	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000064
114	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000013
113	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000010
112	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000004
111	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003652
110	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001349
109	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000039
108	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000058
107	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000098
106	8231	37.353610	-122.486470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000009
105	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000071
104	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000448
103	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000068
102	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000180
101	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000184
100	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000140
99	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002107
98	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000045
97	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000131
96	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000099

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
95	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000043
188	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001050
187	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000111
186	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001342
185	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000567
184	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000132
183	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001346
182	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.007511
181	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000071
180	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.004206
179	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000151
178	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001961
177	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000001
176	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001000
175	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001144
174	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001924
173	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.018434
172	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001539
171	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.008712
161	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000697
160	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.005205
159	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002911
158	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.003688
157	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001210
156	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.002360
155	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000036
154	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.008786
144	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000053
143	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000018
142	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000132
141	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000075
140	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000007
139	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000219
138	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000019
137	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000395
309	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000312
310	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001362
311	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.001225
312	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.000448
313	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.007279
314	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes pinniger	Canary rockfish	0.005985

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
3075	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.002037
3082	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.011102
3099	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.015231
3098	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000046
3097	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.037562
3096	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.002112
3095	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.018234
3094	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.143676
3093	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.001420
3092	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.096649
3091	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.110701
3090	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.055103
3089	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.003452
3088	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.016544
3087	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.022556
3086	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.010236
3085	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000540
3084	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.001593
3083	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.036838
3116	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.006881
3115	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.010017
3114	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.041917
3113	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.108349
3112	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.051299
3111	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.143259
3110	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.028033
3109	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000006
3108	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000254
3134	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000001
3133	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000038
3132	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000006
3131	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000004
3130	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.001211
3129	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000368
3128	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.011805
3127	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.004286
3126	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.001565
3151	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000005
3150	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.008418
3149	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.006007
3148	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes goodei	Chilipepper rockfish	0.000002

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3147	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.003091
3146	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.011457
3145	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000008
3144	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.003081
3143	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000009
3168	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000428
3167	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000223
3166	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.005524
3165	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000624
3164	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000044
3163	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000444
3162	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000004
3161	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001522
3160	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3123	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000110
3216	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000006
3215	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3214	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000003
3213	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000053
3212	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000445
3211	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000294
3210	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000147
3209	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3208	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000004
3207	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000016
3206	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000005
3205	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000010
3204	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000108
3203	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000061
3202	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000055
3201	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000019
3200	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001428
3199	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000003
3198	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000053
3197	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.016027
3196	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.010939
3195	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000887
3194	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001051
3193	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000108
3192	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3191	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000006

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3190	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000102
3189	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000055
3188	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3187	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000014
3186	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000002
3185	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000108
3184	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000003
3183	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.015673
3182	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.006865
3181	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000009
3180	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3179	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000017
3178	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000498
3177	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000068
3176	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000602
3175	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000140
3174	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000644
3173	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000013
3172	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.003968
3171	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000287
3170	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000323
3169	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000025
3159	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.002052
3158	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000009
3157	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001369
3156	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000179
3155	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000057
3154	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000193
3153	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000006
3152	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001482
3142	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000034
3141	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000070
3140	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000004
3139	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000916
3138	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000041
3137	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.007053
3136	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000259
3135	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000058
3125	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000001
3124	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000299
3122	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000631

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3121	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000002
3120	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000057
3119	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000002
3118	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.019587
3117	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001716
3107	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000974
3106	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000112
3105	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.022482
3104	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000193
3103	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000622
3102	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000914
3101	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000046
3100	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.041819
3081	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.019142
3076	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.002215
3078	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.018467
3079	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.000038
3080	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.013445
3077	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes goodei	Chilipepper rockfish	0.002493
1952	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000012
1959	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.002543
1968	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000007
1967	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.001234
1966	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.001233
1965	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000951
1964	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.001750
1963	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.002286
1962	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.001471
1961	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.031952
1960	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000144
1990	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000003
1989	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000007
1988	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000099
1987	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000026
1986	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000017
1985	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000001
1984	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000239
1983	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000038
1982	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000144
1981	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000329
1980	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000024

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1979	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000005
1978	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000361
1977	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000010
1976	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000010
1975	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000301
1974	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.002303
1973	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000209
1972	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.001189
1971	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000047
1970	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000233
1969	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.002924
1958	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000376
1953	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000024
1955	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000263
1956	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000044
1957	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.004315
1954	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes levis	Cowcod	0.000210
1324	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.001498
1331	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000560
1340	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000196
1339	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000434
1338	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000015
1337	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000161
1336	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000002
1335	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000265
1334	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000160
1333	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000859
1332	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000755
1365	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000017
1364	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000002
1363	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000003
1362	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000006
1361	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000001
1360	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.003086
1359	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000265
1358	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000002
1357	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000010
1374	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000265
1373	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000100
1372	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000011
1371	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000382

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1370	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000007
1369	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000308
1368	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000142
1367	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000062
1366	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000109
1356	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001
1355	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000042
1354	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000108
1353	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000197
1352	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000010
1351	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000052
1350	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.008790
1349	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000007
1348	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001629
1347	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000003
1346	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000017
1345	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000126
1344	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000035
1343	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000036
1342	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000877
1341	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000035
1383	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000066
1382	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000356
1381	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000224
1380	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001
1379	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000020
1378	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000756
1377	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1376	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000723
1375	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000989
1464	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001593
1463	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000268
1462	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000033
1461	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000431
1460	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000283
1459	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000023
1458	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000005
1457	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000346
1456	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000194
1455	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000166
1454	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000003

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1453	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001131
1452	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000178
1451	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001
1450	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002128
1449	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.014666
1448	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000006
1447	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.014578
1446	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.023162
1445	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001538
1444	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.024344
1443	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.016923
1442	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1441	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000276
1440	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002256
1439	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005020
1438	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000141
1437	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002213
1436	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000237
1435	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001263
1434	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000202
1433	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001477
1432	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.013586
1431	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000448
1430	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000346
1429	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.021019
1428	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000018
1427	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000038
1426	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000004
1425	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000080
1424	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001686
1423	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005370
1422	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000040
1421	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000038
1420	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000035
1419	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000027
1418	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000035
1417	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003392
1416	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000058
1415	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000033
1414	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001020
1413	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000009

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1412	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000149
1411	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000162
1410	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000883
1409	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000048
1408	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.007225
1407	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000021
1406	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003398
1405	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000039
1404	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000065
1403	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000079
1402	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.017771
1401	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001035
1400	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000111
1399	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.007272
1398	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000070
1397	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001783
1396	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000019
1395	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000487
1394	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000011
1393	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003283
1392	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002162
1659	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000179
1658	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.006538
1657	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000028
1656	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000024
1655	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001
1654	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000089
1653	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000158
1652	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000028
1651	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000313
1650	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000291
1649	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003540
1648	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.012435
1647	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000118
1646	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000311
1645	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000014
1644	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000315
1643	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002694
1642	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005868
1641	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002399
1640	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000278

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1639	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000022
1638	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000008
1637	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.007057
1636	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1635	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000324
1634	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001207
1633	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001468
1632	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1631	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000107
1630	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001132
1629	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.014071
1628	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001987
1627	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000509
1626	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002180
1625	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001128
1624	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.015652
1623	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000317
1622	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005057
1621	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.009402
1620	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000053
1619	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000514
1496	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000658
1495	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000221
1494	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000143
1493	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000159
1492	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000272
1491	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005387
1490	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000120
1489	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000022
1488	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005796
1487	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000163
1486	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005007
1485	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000041
1484	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002168
1483	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000044
1482	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000170
1481	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000157
1480	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000469
1479	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001774
1478	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001629
1477	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000029

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1476	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000028
1475	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000445
1474	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000985
1473	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004954
1472	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000032
1471	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000326
1470	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000702
1469	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.007361
1468	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003002
1467	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000347
1466	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000162
1465	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001521
1617	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000183
1616	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000368
1615	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000063
1614	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000238
1613	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000352
1612	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000119
1611	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000024
1610	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.013549
1609	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005453
1608	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000005
1607	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000052
1606	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.008268
1605	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000081
1604	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000109
1603	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001058
1602	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.006765
1601	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004918
1600	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000012
1599	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000116
1598	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001036
1597	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002934
1596	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003117
1595	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000306
1594	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003797
1593	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003773
1592	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000774
1591	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001
1590	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001723
1589	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.011401

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1588	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001037
1587	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004831
1586	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003216
1585	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003264
1584	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001553
1583	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003000
1582	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001004
1581	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000061
1580	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000853
1579	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000903
1578	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000248
1577	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000725
1576	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000565
1575	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001171
1574	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001597
1573	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000028
1572	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000329
1571	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000629
1570	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000522
1569	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002868
1568	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004481
1567	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000224
1566	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000383
1565	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000497
1564	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001146
1563	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000557
1562	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000047
1561	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000330
1560	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000878
1559	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000369
1558	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000086
1557	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000661
1556	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001253
1555	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000091
1554	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001162
1553	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000829
1552	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001552
1551	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004266
1550	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001042
1549	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002220
1548	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.056459

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1547	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005841
1546	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000218
1545	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000070
1618	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000277
1544	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001221
1543	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000086
1542	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001689
1541	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000124
1540	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005381
1539	18019	45.435401	-124.860792	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000072
1538	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000015
1537	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001001
1536	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000041
1535	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000003
1534	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000153
1533	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000138
1532	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000040
1531	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001994
1530	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000165
1529	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000623
1528	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000078
1527	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.005132
1526	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.008883
1525	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.051822
1524	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.071441
1523	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001102
1522	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000075
1521	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.007064
1520	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.013204
1519	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.015362
1518	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.004721
1517	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.011903
1516	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.002463
1515	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.006038
1514	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001117
1513	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000042
1512	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.006293
1511	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000576
1510	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000203
1509	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003801
1508	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.003969

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1507	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.031661
1506	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.012913
1505	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000401
1504	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000397
1503	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000668
1502	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.006145
1501	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000786
1500	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000147
1499	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000056
1498	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000302
1497	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000200
1675	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000011
1674	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000211
1673	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000103
1672	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000042
1671	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000155
1670	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000288
1669	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000609
1668	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000214
1667	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1666	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000616
1665	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1664	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000029
1663	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000024
1662	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000059
1661	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000007
1660	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000002
1391	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001347
1390	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.009453
1389	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000004
1388	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001671
1387	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000845
1386	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000014
1385	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001996
1384	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.001107
1330	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000167
1325	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000006
1327	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000059
1328	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000668
1329	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000099
1326	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes crameri	Darkblotched rockfish	0.000001

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3951	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012140
3895	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001285
3904	11590	40.167356	-124.712254	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.165643
3903	11589	40.168573	-124.830783	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.108794
3902	11588	40.169673	-124.949316	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038044
3901	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006460
3900	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022506
3899	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.057444
3898	11482	40.076843	-124.595579	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.067930
3897	11481	40.078176	-124.713948	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.092936
3896	11480	40.079392	-124.832321	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027017
3929	12461	40.881964	-124.818333	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.072779
3928	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000378
3927	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006133
3926	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007519
3925	12353	40.791565	-124.700272	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.182159
3924	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004926
3923	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004082
3922	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.120781
3921	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007669
3938	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009087
3937	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004468
3936	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010823
3935	12571	40.969902	-124.696807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.295175
3934	12570	40.971134	-124.816758	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.096872
3933	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004485
3932	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005869
3931	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020148
3930	12462	40.880734	-124.698542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.224339
3920	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007838
3919	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016836
3918	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004237
3917	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005772
3916	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008173
3915	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024664
3914	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032804
3913	11700	40.255197	-124.591875	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013544
3912	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.086982
3911	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.065311
3910	11697	40.258854	-124.947931	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.098598
3909	11696	40.259837	-125.066624	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011110

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3908	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005749
3907	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008659
3906	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017896
3905	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.057380
3947	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004545
3946	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026134
3945	12790	41.146883	-124.573058	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.108638
3944	12789	41.148238	-124.693324	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.059746
3943	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006493
3942	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017763
3941	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.118704
3940	12680	41.059070	-124.695068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.199007
3939	12679	41.060303	-124.815179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.045814
3846	9093	38.097160	-123.599951	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.070713
3845	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002325
3844	8985	38.005461	-123.488182	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.042129
3843	8984	38.007896	-123.603014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.044909
3842	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002420
3841	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003800
3840	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002009
3839	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004652
3838	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.051613
3837	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.080292
3836	8448	37.535607	-122.591584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000632
3835	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000385
3834	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008086
3833	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.060969
3832	8339	37.446328	-122.595898	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000784
3831	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003212
3830	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.058364
3829	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.050007
3828	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005175
3827	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002659
3826	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.048520
3825	8226	37.369636	-123.055236	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.043054
3824	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004982
3823	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.060258
3822	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.042920
3821	8117	37.280325	-123.058956	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.051611
3820	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033169
3819	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054367

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3818	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029438
3817	8008	37.191006	-123.062666	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.062416
3816	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005606
3815	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010874
3814	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.077780
3813	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.130502
3812	7900	37.098708	-122.953022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.141296
3811	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000909
3810	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014725
3809	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038848
3808	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.226413
3807	7692	36.884238	-121.830668	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000063
3806	7691	36.888322	-121.943616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000512
3805	7690	36.892294	-122.056576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000590
3804	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008343
3803	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033177
3802	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.098955
3801	7686	36.907060	-122.508540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.118834
3800	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.244825
3799	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009993
3798	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016930
3797	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.295115
3796	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002417
3795	7471	36.717494	-122.179148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.307270
3794	7470	36.721233	-122.291851	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.363888
3793	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021869
3792	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.074690
3791	7144	36.449428	-122.193455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.051571
3790	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009204
3789	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.057678
3788	7035	36.360052	-122.198201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.107817
3787	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.068512
3786	6926	36.270666	-122.202934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.166847
3785	6604	35.982250	-121.659312	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.036461
3784	6495	35.892841	-121.664688	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033191
3783	6385	35.807671	-121.781301	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.040615
3782	6277	35.713988	-121.675400	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.053359
3781	6169	35.620193	-121.569773	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.028818
3780	6168	35.624544	-121.680736	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008419
3779	6061	35.526284	-121.464419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009120
3778	6060	35.530741	-121.575232	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009676

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3777	5952	35.436825	-121.470000	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008887
3776	5845	35.338129	-121.254526	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000028
3775	5843	35.347352	-121.475568	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003851
3774	5736	35.248654	-121.260351	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000614
4172	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003837
4171	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.030190
4170	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032769
4169	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003508
4168	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003977
4167	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012850
4166	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024057
4165	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004295
4164	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.053933
4163	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000954
4162	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001442
4161	18019	45.435401	-124.860792	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013473
4160	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011451
4159	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008581
4158	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.045861
4157	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014894
4156	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001623
4155	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.060936
4154	17910	45.345949	-124.862417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011701
4153	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010252
4152	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009325
4151	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002303
4150	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007823
4149	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054745
4148	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015008
4147	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001129
4146	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015476
4145	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017338
4144	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012542
4143	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003934
4142	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008535
4141	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027903
4140	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023550
4139	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013628
4138	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018942
4137	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016039
4136	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004192

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4135	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017215
4134	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001291
4133	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018664
4132	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015763
4131	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015831
4130	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013413
4129	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009962
4128	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002050
4127	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002976
4126	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017255
4125	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016945
4124	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026630
4123	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006158
4122	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003401
4121	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000984
4120	17364	44.899921	-124.997901	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005675
4119	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002409
4118	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005459
4117	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006933
4116	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006734
4115	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000956
4114	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000820
4113	17255	44.810535	-124.999318	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007204
4112	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000858
4111	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000686
4110	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002946
4109	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019104
4108	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000532
4107	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000591
4106	17146	44.721159	-125.000730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003175
4105	17145	44.722088	-125.127805	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011940
4104	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000277
4103	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015129
4102	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022734
4101	17037	44.631793	-125.002139	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005607
4100	17036	44.632721	-125.129035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007888
4309	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029624
4308	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011017
4307	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.048977
4306	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016534
4305	20738	47.681096	-125.618350	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022213

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4304	20737	47.681411	-125.751648	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022146
4303	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013121
4302	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005883
4301	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023290
4300	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.030275
4299	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014417
4298	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029732
4297	20631	47.590217	-125.352718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006988
4296	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.042559
4295	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010753
4294	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.044018
4293	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017578
4292	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.080661
4291	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032315
4290	20522	47.500385	-125.353674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006702
4289	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.031220
4288	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029574
4287	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023131
4286	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038825
4285	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029386
4284	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015298
4283	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019968
4282	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.037954
4281	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013456
4280	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008456
4279	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015458
4278	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.107476
4277	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025387
4276	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015326
4275	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021043
4274	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.183583
4273	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017651
4272	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006268
4271	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000258
4270	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000353
4269	19869	46.961082	-125.227619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020910
4268	19768	46.861036	-124.176606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003469
4267	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012965
4266	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.028038
4265	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.059952
4264	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018255

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4263	19761	46.870545	-125.097213	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007210
4262	19760	46.871379	-125.228748	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013672
4261	19659	46.771366	-124.179267	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001141
4260	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007884
4259	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032404
4258	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026657
4257	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054537
4256	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.063994
4255	19652	46.780860	-125.098530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.086741
4254	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000333
4253	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006578
4252	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.030859
4251	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.047278
4250	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018425
4249	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019738
4248	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.063142
4247	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.062529
4246	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005232
4245	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026279
4244	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.056324
4243	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016588
4242	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014089
4241	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007830
4240	19435	46.600579	-124.970196	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.084490
4239	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029789
4238	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012141
4237	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.048787
4077	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007386
4359	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033075
4358	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001369
4357	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008816
4356	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001971
4355	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009176
4354	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024815
4353	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004635
4352	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010103
4351	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003599
4350	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007685
4349	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021791
4348	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033760
4347	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002279

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4346	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000272
4345	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006184
4344	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011883
4343	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003870
4342	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017700
4341	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009536
4340	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013444
4339	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032915
4338	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015029
4337	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005255
4336	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004460
4335	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011509
4334	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.088608
4333	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012337
4332	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020847
4331	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011010
4330	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014760
4329	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008766
4328	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014742
4327	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010742
4326	21071	47.946069	-124.813344	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000425
4325	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010691
4324	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002800
4323	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025128
4322	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010418
4321	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011367
4320	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015972
4319	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003009
4318	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009450
4317	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.046696
4316	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.032540
4315	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011387
4314	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004330
4313	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029671
4312	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017353
4311	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025621
4310	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019028
4236	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008574
4235	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025406
4234	19327	46.509855	-124.840930	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018283
4233	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023911

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4232	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033804
4231	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.046709
4230	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021819
4229	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018155
4228	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.047133
4227	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.064200
4226	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.041346
4225	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011658
4224	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016226
4223	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.056566
4222	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.141021
4221	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.097478
4220	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.095791
4219	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.028830
4218	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025893
4217	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.078618
4216	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.079541
4215	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001449
4214	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054846
4213	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.035844
4212	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.030117
4211	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.079631
4210	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027243
4209	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024129
4208	18789	46.050742	-123.940716	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000230
4207	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002690
4206	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.034356
4205	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.035738
4204	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018647
4203	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038715
4202	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027493
4201	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014273
4200	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003602
4199	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.031373
4198	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.059631
4197	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009184
4196	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.069458
4195	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.044525
4194	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021677
4193	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004204
4192	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029928

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4191	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.058709
4190	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016522
4189	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018311
4188	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.047930
4187	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006774
4186	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038147
4185	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015910
4184	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004517
4183	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013000
4182	18455	45.793333	-124.854248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.039057
4181	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007467
4180	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.057658
4179	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011674
4178	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009909
4177	18346	45.703831	-124.855891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.045577
4176	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005624
4175	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027790
4174	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005770
4173	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001779
4099	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011743
4098	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007806
4097	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005456
4096	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.043741
4095	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002164
4094	16927	44.543363	-125.130261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011848
4093	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003764
4092	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017281
4091	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020551
4090	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005088
4089	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024033
4088	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017563
4087	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009889
4086	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.034307
4085	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011809
4084	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027894
4083	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015300
4082	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.106750
4081	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004765
4080	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023758
4079	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018169
4078	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027772

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3888	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.051935
3887	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020944
3886	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016848
3885	11158	39.804610	-124.247418	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.078754
3884	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002926
3883	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.040809
3882	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007147
3881	10941	39.624451	-124.134424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.085871
3880	10833	39.533359	-124.019443	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.037254
3879	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.052734
3878	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021932
3877	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.067487
3876	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012018
3875	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.077169
3874	10506	39.265783	-124.027166	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003329
3873	10505	39.267680	-124.144122	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.099676
3872	10397	39.176582	-124.029726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011684
3871	10396	39.178477	-124.146531	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.086011
3870	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000108
3869	10288	39.087377	-124.032280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004721
3868	10287	39.089270	-124.148934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.096170
3867	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004476
3866	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006603
3865	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001108
3864	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.018945
3863	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012401
3862	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.040647
3861	9853	38.728510	-123.926384	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.090982
3860	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001343
3859	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.068615
3858	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022310
3857	9636	38.547940	-123.815978	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.112919
3856	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015248
3855	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.034549
3854	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010494
3853	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.137419
3852	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022067
3851	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.046976
3850	9310	38.277996	-123.709084	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.178993
3849	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.043148
3848	9202	38.186417	-123.596881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.071042

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3847	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.071277
3773	5735	35.253316	-121.370730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001396
3772	5627	35.159166	-121.266161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001530
3771	5520	35.060033	-121.051781	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000004
3770	5518	35.069665	-121.271957	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001943
3769	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016192
3768	5409	34.980150	-121.277740	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.003001
3767	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008654
3766	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013488
4076	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029866
4075	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017471
4074	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.059109
4073	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.117990
4072	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.016389
4071	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022256
4070	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.030507
4069	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054865
4068	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026593
4067	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019820
4066	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021927
4065	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.080841
4064	15947	43.738624	-125.016013	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.056549
4063	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027367
4062	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.020078
4061	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.047078
4060	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.088677
4059	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.029331
4058	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.019831
4057	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023146
4056	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.073353
4055	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.120989
4054	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014999
4053	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017866
4052	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.037325
4051	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.044996
4050	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.071078
4049	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022306
4048	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004708
4047	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.057166
4046	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.054753
4045	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.037962

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4044	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.091104
4043	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.028676
4042	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.034480
4041	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007058
4040	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013139
4039	15293	43.203080	-125.024153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.053447
4038	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.025808
4037	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027140
4036	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.038832
4035	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006705
4034	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023413
4033	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.076687
4032	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.085943
4031	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024486
4030	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.052394
4029	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.017545
4028	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.043341
4027	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.067676
4026	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023771
4025	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007195
4024	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.042669
4023	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.164428
4022	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001111
4021	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006594
4020	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014358
4019	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.055567
4018	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007850
4017	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.041766
4016	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000664
4015	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007403
4014	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.022746
4013	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.013726
4012	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026498
4011	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024042
4010	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010517
4009	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.046789
4008	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011981
4007	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010375
4006	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.055782
4005	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015195
4004	13987	42.130403	-124.795894	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.014766

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4003	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.048605
4002	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008479
4001	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.021446
4000	13878	42.041218	-124.797525	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.074946
3999	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.062318
3998	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002260
3997	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001600
3996	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.037415
3995	13769	41.952036	-124.799152	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.124175
3994	13768	41.953166	-124.920891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.098561
3993	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.008792
3992	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.002374
3991	13661	41.861608	-124.679204	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.041052
3990	13660	41.862857	-124.800774	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.113978
3989	13659	41.863985	-124.922349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.066460
3988	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006387
3987	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.006218
3986	13552	41.772432	-124.680985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.074220
3985	13551	41.773679	-124.802392	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.108312
3984	13550	41.774805	-124.923803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.102582
3983	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007603
3982	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.012093
3981	13443	41.683258	-124.682762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.107402
3980	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.096530
3979	13441	41.685628	-124.925252	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.123988
3978	13440	41.686633	-125.046504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.015494
3977	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004456
3976	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004504
3975	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.011539
3974	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.062398
3973	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.111005
3972	13332	41.596452	-124.926698	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.079116
3971	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004718
3970	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.001697
3969	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005269
3968	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.075744
3967	13224	41.506155	-124.807219	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.107950
3966	13223	41.507277	-124.928141	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.083901
3965	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000869
3964	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004898
3963	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.009086

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3962	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.027553
3961	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.102486
3960	13115	41.416984	-124.808820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.123051
3959	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.007997
3958	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.004091
3957	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010378
3956	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.076479
3955	13007	41.326574	-124.689822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.039470
3954	13006	41.327813	-124.810416	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.050606
3953	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010201
3952	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.005757
3950	12899	41.236050	-124.571148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.103485
3949	12898	41.237406	-124.691576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.033340
3948	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.000648
3894	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.023973
3889	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.010398
3891	11373	39.987663	-124.597424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.062933
3892	11374	39.986215	-124.479215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.044967
3893	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.026834
3890	11372	39.988994	-124.715637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Microstomus pacificus	Dover sole	0.024950
3500	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000020
3442	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.020206
3451	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006999
3450	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000094
3449	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.023306
3448	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000628
3447	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000007
3446	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.015584
3445	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001148
3444	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000007
3443	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.060658
3476	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002979
3475	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.028204
3474	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000078
3473	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000051
3472	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.064985
3471	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017993
3470	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000202
3469	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000017
3468	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.092053
3485	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.009739

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3484	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.042617
3483	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000155
3482	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.036935
3481	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000008
3480	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.011936
3479	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002048
3478	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.016046
3477	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006033
3467	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006388
3466	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000039
3465	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.085550
3464	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007371
3463	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000004
3462	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.063058
3461	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017344
3460	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000005
3459	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.033440
3458	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.036811
3457	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000313
3456	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000126
3455	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.060082
3454	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002781
3453	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000100
3452	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.064716
3494	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000055
3493	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000114
3492	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000018
3491	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000057
3490	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000009
3489	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000051
3488	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000006
3487	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.013137
3486	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017597
3429	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000030
3428	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000007
3427	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000037
3426	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000011
3425	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.016869
3424	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003204
3423	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000004
3422	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000738

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3421	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000003
3420	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000150
3419	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000996
3418	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001716
3417	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000646
3416	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000076
3415	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001924
3414	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000111
3413	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000765
3412	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000563
3411	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000191
3410	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004012
3409	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000120
3408	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.044033
3407	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.064297
3406	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.032645
3405	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.018514
3404	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006466
3403	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.076246
3402	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.008957
3401	8448	37.535607	-122.591584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.049698
3400	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.122829
3399	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.084902
3398	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000301
3397	8339	37.446328	-122.595898	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.051485
3396	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.022243
3395	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.008113
3394	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000029
3393	8231	37.353610	-122.486470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.051335
3392	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.040911
3391	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.026420
3390	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000325
3389	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.039194
3388	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.043836
3387	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002827
3386	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.011229
3385	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.024295
3384	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000009
3383	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.109067
3382	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.092283
3381	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.011743

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3380	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000147
3379	7900	37.098708	-122.953022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000236
3378	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.066496
3377	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.045604
3376	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.021667
3375	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000746
3374	7692	36.884238	-121.830668	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.032871
3373	7691	36.888322	-121.943616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.039374
3372	7690	36.892294	-122.056576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017443
3371	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.009187
3370	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003831
3369	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003423
3368	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.018457
3367	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.013997
3366	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.021700
3365	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001641
3364	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000009
3363	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002908
3362	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001573
3361	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000919
3360	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001354
3359	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001787
3358	7035	36.360052	-122.198201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000010
3357	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000543
3567	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017396
3566	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000044
3565	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.025701
3564	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002049
3563	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.031731
3562	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.010389
3561	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000535
3560	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000121
3559	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.040215
3558	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004374
3557	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002243
3556	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.036113
3555	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017394
3554	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.005647
3553	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000240
3552	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000005
3551	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002614

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3550	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000711
3549	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001807
3548	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000001
3547	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.008736
3546	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000080
3545	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000032
3544	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000014
3543	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.015593
3542	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000232
3541	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000012
3540	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000012
3539	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000017
3538	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.020826
3537	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000150
3536	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000007
3535	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000032
3534	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.034013
3533	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006535
3532	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000026
3531	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000014
3530	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000069
3529	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.039145
3528	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000037
3527	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000002
3526	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000124
3525	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000359
3524	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002033
3523	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000017
3522	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002543
3521	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002057
3520	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.091503
3519	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.045364
3518	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002277
3517	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.061715
3516	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.054279
3515	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.054791
3514	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.026622
3513	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.086155
3512	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.117681
3511	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001720
3510	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000382

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3509	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.161040
3508	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.080503
3507	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.025891
3506	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000636
3505	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.145088
3504	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003870
3503	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.012851
3502	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000016
3501	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000075
3435	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000145
3434	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000009
3433	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000001
3432	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000013
3431	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000015
3430	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000009
3765	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000432
3764	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002335
3763	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000448
3762	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000144
3761	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.031994
3760	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000477
3705	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001728
3704	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000005
3703	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007114
3702	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006898
3701	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.013394
3700	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000459
3699	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006482
3698	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003263
3697	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003160
3696	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006629
3695	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003804
3694	19768	46.861036	-124.176606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.061501
3693	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.015269
3692	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.011213
3691	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000180
3690	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000741
3689	19659	46.771366	-124.179267	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.076903
3688	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.040246
3687	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.019685
3686	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.020155

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3685	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000743
3684	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000012
3683	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.057978
3682	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.014614
3681	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.013437
3680	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002119
3679	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001040
3678	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000595
3677	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.042427
3676	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.016358
3675	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007963
3674	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007174
3673	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000789
3672	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.073510
3671	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.043327
3670	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007192
3669	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000028
3668	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000319
3667	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.076119
3666	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.016984
3665	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.009667
3664	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004453
3663	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001997
3662	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.045692
3661	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003629
3660	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002265
3659	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001110
3658	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000012
3657	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000098
3656	19006	46.231826	-124.064910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.010279
3655	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.098042
3654	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006626
3653	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002208
3652	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000066
3651	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000456
3650	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000077
3649	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000049
3648	18898	46.140282	-123.937742	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.016597
3647	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.041334
3646	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.054188
3645	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007352

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3644	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002610
3643	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.005910
3642	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001248
3641	18789	46.050742	-123.940716	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017460
3640	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.045398
3639	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.062147
3638	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.012709
3637	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000624
3636	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001840
3635	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000649
3634	18680	45.961217	-123.943682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.035547
3633	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.061841
3759	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001553
3758	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001381
3757	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.043917
3756	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.038898
3755	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004286
3754	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.005919
3753	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003903
3752	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.019813
3751	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.021268
3750	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007000
3749	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.012103
3748	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001319
3747	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.022641
3746	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003516
3745	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002580
3744	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003465
3743	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.009659
3742	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.011701
3741	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.026389
3740	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.027408
3739	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003907
3738	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000172
3737	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000035
3736	21071	47.946069	-124.813344	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003097
3735	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.019693
3734	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000156
3733	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000090
3732	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000047
3731	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000759

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3730	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000013
3729	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000013
3728	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000002
3727	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002007
3726	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000034
3725	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.019776
3724	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004282
3723	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000014
3722	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.115350
3721	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.060434
3720	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.010079
3719	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.003749
3718	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000208
3717	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000014
3716	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.176271
3715	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.017485
3714	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004989
3713	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000525
3712	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000498
3711	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.166116
3710	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.005900
3709	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002319
3708	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.008070
3707	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000616
3706	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.010795
3632	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.041461
3631	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.008668
3629	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000720
3628	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000583
3627	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.079790
3626	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.040628
3625	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002276
3624	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000707
3623	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.053496
3622	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.034854
3621	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000008
3620	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000162
3619	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.052203
3618	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.029079
3617	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001155
3616	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000215

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3615	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.050504
3614	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006180
3613	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000038
3612	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000168
3611	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000016
3610	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.067623
3609	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.002187
3608	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.070255
3607	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.006511
3606	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000319
3605	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.064832
3604	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000092
3603	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.077438
3602	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.044223
3601	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000570
3600	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000002
3599	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000137
3598	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.076002
3597	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.028767
3596	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001798
3595	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000004
3594	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000006
3593	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000038
3592	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.044896
3591	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.005997
3590	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.004177
3589	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000006
3588	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.088724
3587	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.012055
3586	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.018313
3585	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000056
3584	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.037140
3583	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.019367
3582	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.007460
3581	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000110
3580	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.027019
3579	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.026989
3578	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.010383
3577	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.001061
3576	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000244
3575	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Parophrys vetulus	English sole	0.000003

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
3574	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.021561
3573	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.001020
3572	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.055743
3571	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.024672
3570	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.001793
3569	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000100
3568	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.033204
3356	6926	36.270666	-122.202934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000043
3355	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000072
3630	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000103
3499	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000164
3498	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.048633
3497	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000130
3496	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000009
3495	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000464
3441	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000016
3436	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000133
3438	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000688
3439	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000017
3440	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.003589
3437	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Parophrys vetulus	English sole	0.000003
335	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.005551
342	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.009826
368	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000067
367	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.002337
366	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.001321
365	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000078
364	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.001158
363	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000545
362	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000517
361	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.003017
351	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.002179
377	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.001949
376	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000099
375	8339	37.446328	-122.595898	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.004189
374	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.003239
373	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000068
372	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.000001
371	8231	37.353610	-122.486470	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.015448
370	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.009609
369	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006		Ophiodon elongatus	Lingcod	0.001193

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
394	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001775
393	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000186
392	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000308
391	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000006
390	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000001
389	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010900
388	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.027825
387	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000969
386	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.022529
411	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003326
410	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000013
409	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.020632
408	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000202
407	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000087
406	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000024
405	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000022
404	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000107
403	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000032
428	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008683
427	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000082
426	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002548
425	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000164
424	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.016122
423	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010820
422	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001086
421	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014462
420	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013099
445	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002197
444	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.012981
443	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000748
442	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000439
441	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003724
440	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000041
439	12790	41.146883	-124.573058	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000001
438	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004687
437	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000067
588	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005174
587	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000112
586	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000562
585	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001430
584	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000095

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
583	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010302
582	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002189
581	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000007
580	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000079
579	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006515
578	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002581
577	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000351
576	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000111
575	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006170
574	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005846
573	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000712
572	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004358
571	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005144
570	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.020573
569	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000010
568	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000961
567	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004546
566	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003336
565	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.033965
564	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002442
563	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000409
562	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011849
561	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.026455
560	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003423
559	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.009172
558	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.035546
557	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.030481
556	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000713
555	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002092
554	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000018
553	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017264
552	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.044005
551	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.028461
550	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010985
549	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.037224
548	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.117666
547	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.044165
546	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.035453
545	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001073
544	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001152
543	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.086790

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
542	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.023718
541	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000012
540	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.048114
539	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.019945
538	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003904
537	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000275
536	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.179198
535	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008342
534	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000084
533	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.025624
532	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001862
531	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.020758
530	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002701
529	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000063
528	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000794
527	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000186
526	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010232
525	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.016924
524	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007481
523	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000183
522	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.025935
521	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.041140
520	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005445
519	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006755
518	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000010
517	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000237
716	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.028232
737	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011941
736	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.021977
735	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001369
734	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002939
733	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017343
732	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000881
731	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011540
730	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002152
729	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.018785
728	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.009967
727	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008754
726	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007111
725	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.044641
724	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.009013

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
723	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005545
722	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.039720
721	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.038117
720	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017315
719	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017383
718	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.092233
717	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.040747
650	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007358
649	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007458
648	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002953
647	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006127
646	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000301
645	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000803
644	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004421
643	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008704
642	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000519
641	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000346
640	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000819
639	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003890
638	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.016388
637	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002409
636	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002852
635	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014613
634	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.012502
633	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007264
632	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000122
631	19006	46.231826	-124.064910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000137
630	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001625
629	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014338
628	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.020745
627	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000890
626	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000014
625	18898	46.140282	-123.937742	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000299
624	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000688
623	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002074
622	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006561
621	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.022993
620	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.023675
619	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000341
618	18789	46.050742	-123.940716	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000233
617	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002553

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
616	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.012113
615	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014360
614	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.026131
613	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006745
612	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003390
611	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000002
610	18680	45.961217	-123.943682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000293
609	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003895
608	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011058
607	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017151
606	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.038619
605	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005300
604	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006981
603	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011012
602	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.019749
601	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002118
600	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000207
599	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006881
598	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.015645
597	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.019724
596	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.019176
595	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001238
594	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007779
593	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.015252
592	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014392
591	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001445
590	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010476
589	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013812
715	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.043809
714	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.018723
713	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000034
712	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.035128
711	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.053514
710	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.029765
709	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000637
708	21071	47.946069	-124.813344	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003263
707	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013292
706	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000161
705	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000166
704	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004606
703	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004666

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
702	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007494
701	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000102
700	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000157
699	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000539
698	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004468
697	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008271
696	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011919
695	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010012
694	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008229
693	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.025951
692	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.026444
691	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001447
690	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005801
689	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006957
688	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.031370
687	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003774
686	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001881
685	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004847
684	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.031021
683	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.015971
682	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.042868
681	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.053840
680	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.042891
679	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.091246
678	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000603
677	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010595
676	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011957
675	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.030282
674	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.015702
673	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010900
672	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.032286
671	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013847
670	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.012112
669	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006221
668	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014923
667	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005163
666	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002680
665	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001554
664	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001680
663	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004847
662	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003850

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
661	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002419
660	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000153
659	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000022
658	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002421
657	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005428
656	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.025088
655	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.024583
654	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003987
653	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000124
652	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001842
651	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000595
516	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000156
515	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002927
514	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007540
513	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000136
512	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000015
511	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000275
510	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007000
509	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000178
508	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008431
507	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000176
506	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000056
505	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.024492
504	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002484
503	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000181
502	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000430
501	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006144
500	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000063
499	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001920
498	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001835
497	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001484
496	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004931
495	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011018
494	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007500
493	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006442
492	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010295
491	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.016719
490	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.112261
489	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000748
488	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006984
487	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.090881

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
486	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000805
485	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006341
484	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013016
483	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008152
482	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013292
481	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000443
480	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002496
479	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000006
478	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000042
477	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000104
476	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.018049
475	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005347
474	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002647
473	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003664
472	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000117
471	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000430
470	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000048
469	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000088
468	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.029692
467	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000799
466	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.048393
465	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.016679
464	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.040115
463	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000954
462	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007534
461	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000004
460	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007237
459	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000006
458	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.012536
457	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.019850
456	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000244
455	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011729
454	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006490
453	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000483
452	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004738
451	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.009970
450	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010524
449	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000088
448	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014685
447	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014071
446	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.011336

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
436	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000100
435	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.014317
434	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000416
433	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000003
432	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.022078
431	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005103
430	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000213
429	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.008039
419	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001815
418	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000643
417	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002954
416	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000359
415	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001732
414	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000144
413	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000073
412	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000611
402	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006673
401	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006066
400	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004220
399	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.055597
398	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001241
397	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003976
396	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005566
395	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.010447
385	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.055036
384	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.031256
383	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.013831
382	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.006566
381	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001753
380	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000118
379	8448	37.535607	-122.591584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002558
378	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000653
350	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003899
349	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000791
348	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.007756
347	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002913
346	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000040
345	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.015481
344	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.004825
343	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000160
360	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000058

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
359	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.002224
358	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000682
357	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000466
356	7692	36.884238	-121.830668	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001562
355	7691	36.888322	-121.943616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001734
354	7690	36.892294	-122.056576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003102
353	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005142
352	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.003126
341	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.017235
336	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.001172
338	5520	35.060033	-121.051781	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000024
339	5629	35.149524	-121.045715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000076
340	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.005435
337	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Ophiodon elongatus	Lingcod	0.000557
2599	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000417
2199	5735	35.253316	-121.370730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.049410
2332	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004439
2331	12353	40.791565	-124.700272	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016229
2330	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000009
2329	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003048
2328	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011986
2327	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000210
2326	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002180
2325	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000688
2324	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002051
2323	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002192
2322	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018540
2321	11700	40.255197	-124.591875	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001027
2320	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008526
2319	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005851
2318	11697	40.258854	-124.947931	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.033094
2317	11696	40.259837	-125.066624	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.035007
2316	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000008
2315	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000571
2314	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001838
2313	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007172
2312	11590	40.167356	-124.712254	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.036571
2311	11589	40.168573	-124.830783	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.047937
2310	11588	40.169673	-124.949316	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.036704
2309	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001377
2308	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009340

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY	SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS			
2307	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.041588
2306	11482	40.076843	-124.595579	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.062724
2305	11481	40.078176	-124.713948	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.055734
2304	11480	40.079392	-124.832321	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.043256
2303	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001496
2302	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010005
2301	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.049994
2300	11374	39.986215	-124.479215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.057706
2299	11373	39.987663	-124.597424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.056862
2298	11372	39.988994	-124.715637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.034689
2297	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002078
2296	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.021898
2295	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000751
2294	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006814
2293	11158	39.804610	-124.247418	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.044520
2292	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000306
2291	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020123
2290	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005722
2289	10941	39.624451	-124.134424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.041479
2288	10833	39.533359	-124.019443	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018510
2287	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.050440
2286	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008078
2285	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.046817
2284	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003055
2283	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.031571
2282	10506	39.265783	-124.027166	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001491
2281	10505	39.267680	-124.144122	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.025212
2280	10397	39.176582	-124.029726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002072
2279	10396	39.178477	-124.146531	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.036604
2278	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000123
2277	10288	39.087377	-124.032280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001458
2276	10287	39.089270	-124.148934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.024300
2275	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000272
2274	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001331
2273	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000425
2272	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001652
2271	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002473
2270	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003207
2269	9853	38.728510	-123.926384	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010326
2268	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000735
2267	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005986

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2266	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003498
2265	9636	38.547940	-123.815978	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.014908
2264	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001293
2263	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009145
2262	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004308
2261	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.046192
2260	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002433
2405	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001848
2404	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003646
2403	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006494
2402	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016174
2401	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000625
2400	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006269
2399	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.031381
2398	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000977
2397	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009371
2396	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.034162
2395	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003042
2394	13987	42.130403	-124.795894	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.015539
2393	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.040973
2392	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020042
2391	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010266
2390	13878	42.041218	-124.797525	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.021028
2389	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.039965
2388	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000394
2387	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018070
2386	13769	41.952036	-124.799152	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.057068
2385	13768	41.953166	-124.920891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.047778
2384	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001022
2383	13661	41.861608	-124.679204	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010101
2382	13660	41.862857	-124.800774	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020524
2381	13659	41.863985	-124.922349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.079672
2380	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001999
2379	13552	41.772432	-124.680985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.024874
2378	13551	41.773679	-124.802392	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.026880
2377	13550	41.774805	-124.923803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.046006
2376	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002174
2375	13443	41.683258	-124.682762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.046985
2374	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.022606
2373	13441	41.685628	-124.925252	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.031556
2372	13440	41.686633	-125.046504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.022973

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2371	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003328
2370	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.037720
2369	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.031263
2368	13332	41.596452	-124.926698	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.040436
2367	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003540
2366	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004983
2365	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.035991
2364	13224	41.506155	-124.807219	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.030597
2363	13223	41.507277	-124.928141	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009093
2362	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000189
2361	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003043
2360	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010921
2359	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.036753
2358	13115	41.416984	-124.808820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.025294
2357	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003938
2356	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018166
2355	13007	41.326574	-124.689822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.025918
2354	13006	41.327813	-124.810416	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.023316
2353	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005418
2352	12899	41.236050	-124.571148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016956
2351	12898	41.237406	-124.691576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.030511
2350	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000027
2349	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006870
2348	12790	41.146883	-124.573058	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.015769
2347	12789	41.148238	-124.693324	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.033735
2346	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000013
2345	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003235
2344	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.015897
2343	12680	41.059070	-124.695068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.017484
2342	12679	41.060303	-124.815179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.032010
2341	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001027
2340	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006404
2339	12571	40.969902	-124.696807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.028681
2338	12570	40.971134	-124.816758	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.025210
2337	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000168
2336	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006231
2335	12462	40.880734	-124.698542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019705
2334	12461	40.881964	-124.818333	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.012855
2333	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000120
2251	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000033
2605	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000008

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2604	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000042
2603	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000018
2602	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000085
2601	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000002
2600	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000261
2541	19435	46.600579	-124.970196	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.032733
2540	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002979
2539	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003265
2538	19327	46.509855	-124.840930	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009121
2537	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000774
2536	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004449
2535	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001091
2534	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004211
2533	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.109063
2532	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000209
2531	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000353
2530	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005370
2529	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.080131
2528	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019101
2527	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.012785
2526	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.035395
2525	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000764
2524	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008533
2523	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001687
2522	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.014566
2521	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003811
2520	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.029970
2519	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003883
2518	18455	45.793333	-124.854248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.051583
2517	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001271
2516	18346	45.703831	-124.855891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.046924
2515	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000033
2514	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001300
2513	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.064080
2512	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005499
2511	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003940
2510	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.048652
2509	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003294
2508	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011631
2507	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001712
2506	18019	45.435401	-124.860792	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.050857

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2505	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008802
2504	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.022033
2503	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.027329
2502	17910	45.345949	-124.862417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.044958
2501	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009907
2500	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019819
2499	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.028416
2498	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.039725
2497	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.037483
2496	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003303
2495	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.029194
2494	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.033004
2493	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000021
2492	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.012796
2491	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.015099
2490	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.036542
2489	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000344
2488	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008846
2487	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011751
2486	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.037943
2485	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000022
2484	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002047
2483	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003023
2482	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.014735
2481	17364	44.899921	-124.997901	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.037868
2480	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003241
2479	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008045
2478	17255	44.810535	-124.999318	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.034861
2477	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002611
2476	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008469
2475	17146	44.721159	-125.000730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.021442
2474	17145	44.722088	-125.127805	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.035661
2473	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.013112
2472	17037	44.631793	-125.002139	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018622
2471	17036	44.632721	-125.129035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.023600
2470	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007269
2469	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.015548
2468	16927	44.543363	-125.130261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.098316
2467	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003275
2466	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.017474
2465	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003059

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2464	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019432
2463	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001870
2462	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018406
2461	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003890
2460	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005178
2459	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009166
2458	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000702
2457	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003210
2456	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000186
2455	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000308
2454	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001369
2453	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006773
2452	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000378
2451	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002018
2450	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.017440
2449	15947	43.738624	-125.016013	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005727
2448	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000100
2447	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001837
2446	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.040595
2445	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005073
2444	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000151
2443	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007234
2442	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.044651
2441	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009362
2440	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001919
2439	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006943
2438	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.014367
2437	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016552
2436	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000054
2435	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007404
2434	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010031
2433	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.017996
2432	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003087
2431	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000793
2430	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011002
2429	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000128
2428	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001061
2427	15293	43.203080	-125.024153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008863
2426	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000001
2598	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000434
2597	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000456

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2596	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006334
2595	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000142
2594	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000940
2593	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001124
2592	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000871
2591	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019412
2590	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000479
2589	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000335
2588	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007149
2587	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.032734
2586	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004564
2585	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000263
2584	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002059
2583	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007787
2582	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.043967
2581	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.060317
2580	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000821
2579	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011250
2578	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.031893
2577	20738	47.681096	-125.618350	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.041578
2576	20737	47.681411	-125.751648	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.050678
2575	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000019
2574	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000996
2573	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.012453
2572	20631	47.590217	-125.352718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.065551
2571	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002207
2570	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004353
2569	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.023774
2568	20522	47.500385	-125.353674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.085149
2567	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000064
2566	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.038907
2565	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000025
2564	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000013
2563	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000917
2562	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000001
2561	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001511
2560	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000001
2559	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000014
2558	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005521
2557	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006210
2556	19869	46.961082	-125.227619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.034408

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2555	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000581
2554	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003811
2553	19761	46.870545	-125.097213	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.013573
2552	19760	46.871379	-125.228748	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006169
2551	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002478
2550	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010765
2549	19652	46.780860	-125.098530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.021605
2548	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000115
2547	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004134
2546	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.026228
2545	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009439
2544	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001315
2543	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002977
2542	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008907
2425	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000552
2424	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002973
2423	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000026
2422	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000002
2421	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007403
2420	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000182
2419	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000001
2418	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007877
2417	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.023877
2416	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000665
2415	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001193
2414	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006391
2413	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006395
2412	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000254
2411	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003095
2410	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011337
2409	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020067
2408	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007366
2407	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018426
2406	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000119
2259	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.022799
2258	9310	38.277996	-123.709084	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.099288
2257	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000573
2256	9202	38.186417	-123.596881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.035673
2255	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002094
2254	9093	38.097160	-123.599951	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.047104
2253	8985	38.005461	-123.488182	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005502

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2216	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000072
2215	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003165
2214	7035	36.360052	-122.198201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.032198
2213	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003545
2212	6926	36.270666	-122.202934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019798
2211	6604	35.982250	-121.659312	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.011453
2210	6495	35.892841	-121.664688	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.017672
2209	6385	35.807671	-121.781301	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.040449
2208	6277	35.713988	-121.675400	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.032495
2233	7900	37.098708	-122.953022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.013345
2232	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000147
2231	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000955
2230	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020154
2229	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000350
2228	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002149
2227	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001786
2226	7686	36.907060	-122.508540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004956
2225	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000084
2242	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000330
2241	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.003453
2240	8117	37.280325	-123.058956	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010364
2239	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000127
2238	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002818
2237	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009320
2236	8008	37.191006	-123.062666	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016655
2235	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001067
2234	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008672
2252	8984	38.007896	-123.603014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.070970
2250	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000121
2249	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006668
2248	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.005396
2247	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.007828
2246	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.002819
2245	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.010337
2244	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006332
2243	8226	37.369636	-123.055236	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.016629
2224	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000009
2223	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.001316
2222	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.021571
2221	7471	36.717494	-122.179148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009711
2220	7470	36.721233	-122.291851	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020753

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2219	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000519
2218	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.009194
2217	7144	36.449428	-122.193455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.043442
2207	6169	35.620193	-121.569773	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.013668
2206	6168	35.624544	-121.680736	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.020721
2205	6061	35.526284	-121.464419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.008859
2204	6060	35.530741	-121.575232	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.006365
2203	5952	35.436825	-121.470000	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.019136
2202	5845	35.338129	-121.254526	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000056
2201	5843	35.347352	-121.475568	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.043949
2200	5736	35.248654	-121.260351	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.004916
2198	5629	35.149524	-121.045715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000003
2193	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000662
2195	5518	35.069665	-121.271957	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.041935
2196	5520	35.060033	-121.051781	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.000026
2197	5627	35.159166	-121.266161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.018524
2194	5409	34.980150	-121.277740	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus altivelis	Longspine thornyhead	0.145298
2007	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000007
2014	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000010
2146	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.009813
2145	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.002009
2144	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000941
2143	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.003082
2142	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.002361
2141	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.001005
2140	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000665
2139	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.001998
2138	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000158
2137	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.001061
2136	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000867
2135	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000002
2134	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000005
2133	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.002755
2132	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000390
2131	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000240
2130	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000013
2129	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000304
2128	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000119
2127	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000517
2126	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000015
2125	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000089

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
2124	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.005377
2123	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002677
2122	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000002
2121	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.009116
2120	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002020
2119	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001989
2118	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002106
2117	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000021
2116	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.004072
2115	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.004754
2114	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2113	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.013820
2112	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001532
2111	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000009
2110	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000991
2109	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2108	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2107	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000012
2106	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.010570
2105	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000365
2104	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000017
2103	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000051
2102	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000169
2101	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000544
2100	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001078
2099	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000035
2098	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000742
2097	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000349
2096	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001080
2095	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000019
2094	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000587
2093	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000028
2092	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.003990
2091	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000174
2090	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2089	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000078
2088	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000285
2087	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002064
2086	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000013
2085	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000627
2084	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002423

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
2083	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000265
2082	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000118
2081	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.006500
2080	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001639
2079	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000099
2078	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001531
2077	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.018199
2076	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001480
2075	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000400
2074	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.009594
2006	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000016
2005	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2004	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2003	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000010
2002	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2001	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000011
2000	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
1999	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000015
1998	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000011
1997	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000065
1996	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
1995	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000010
1994	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
1993	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
1992	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000007
1991	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2192	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000015
2191	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2190	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000031
2189	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000060
2188	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000049
2187	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.003086
2186	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000022
2185	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.017362
2184	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000006
2183	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2182	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000373
2181	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002223
2180	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000003
2179	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000499
2178	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000947

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
2177	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000409
2176	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000011
2175	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000547
2174	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001682
2173	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000514
2172	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000558
2171	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000149
2170	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.006862
2169	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.009254
2168	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000784
2167	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001066
2166	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000260
2165	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001019
2164	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000341
2163	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.004817
2162	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001500
2161	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000417
2160	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000048
2159	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.002834
2158	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000101
2157	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000508
2156	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000179
2155	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001528
2154	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000093
2153	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000127
2152	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.012945
2151	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000647
2150	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001350
2149	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.009867
2148	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000525
2147	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000132
2073	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000002
2072	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2071	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000645
2070	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2069	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000639
2068	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000027
2067	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000026
2031	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000757
2030	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000018
2029	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000406

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
2028	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000463
2027	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000090
2026	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
2025	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000009
2024	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000048
2023	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001025
2048	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000018
2047	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000047
2046	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000775
2045	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000150
2044	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000002
2043	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000006
2042	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2041	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000012
2040	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000009
2057	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000196
2056	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000193
2055	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000038
2054	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.006636
2053	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2052	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000057
2051	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000171
2050	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001447
2049	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000136
2066	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000094
2065	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000043
2064	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000003
2063	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2062	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000028
2061	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000072
2060	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000026
2059	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000046
2058	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000023
2039	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000020
2038	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000028
2037	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000201
2036	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000739
2035	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000490
2034	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000585
2033	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000078
2032	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000193

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
2022	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000002
2021	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.001027
2020	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000136
2019	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000277
2018	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000005
2017	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000003
2016	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000009
2015	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000045
2013	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000033
2008	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000001
2010	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000008
2011	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000003
2012	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000029
2009	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes alutus	Pacific Ocean Perch	0.000004
4461	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.001361
4402	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.002147
4593	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.004828
4460	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000134
4459	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.002494
4458	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.004124
4457	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000050
4456	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.001671
4455	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.003493
4454	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.001477
4453	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.002120
4570	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.001154
4569	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.003930
4568	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.004947
4567	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000971
4566	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.007940
4565	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.007751
4564	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.001331
4563	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.003240
4562	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.010583
4561	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000088
4560	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000001
4559	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.003402
4558	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000174
4557	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000328
4556	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.011680
4555	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006		Eopsetta jordani	Petrале sole	0.000009

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4554	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000001
4553	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000007
4552	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007580
4551	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000027
4550	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000007
4549	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000006
4548	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000068
4547	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003300
4546	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000026
4545	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000007
4544	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000127
4543	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005542
4542	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000028
4541	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000010
4540	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000016
4539	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000201
4538	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002423
4537	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000027
4536	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000030
4535	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000337
4534	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000094
4533	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000136
4532	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000250
4531	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000156
4530	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000393
4529	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002881
4528	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000370
4527	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000309
4526	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002689
4525	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004826
4524	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004146
4523	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000169
4522	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005806
4521	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005916
4520	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000248
4519	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003704
4518	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003145
4517	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000533
4516	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007763
4515	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000382
4514	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000200

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4513	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000268
4512	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000269
4511	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003763
4510	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000626
4509	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005149
4508	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000009
4507	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000087
4506	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000190
4505	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000027
4504	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4503	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4502	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000024
4501	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000019
4500	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000115
4499	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000026
4498	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000681
4644	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.018601
4643	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002592
4642	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000041
4641	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.010249
4640	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012808
4639	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000006
4638	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000391
4637	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012456
4636	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.009124
4635	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000826
4634	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000494
4633	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006002
4632	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001542
4631	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001315
4630	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001137
4629	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000460
4628	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000166
4627	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000668
4626	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000016
4625	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.038588
4624	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005145
4623	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000377
4622	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.021388
4621	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006089
4620	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4619	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.020197
4618	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005415
4617	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000001
4616	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000020
4615	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000304
4614	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000018
4613	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.022408
4612	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.019641
4611	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.024041
4610	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000896
4609	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000584
4608	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000025
4607	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.020551
4606	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015626
4605	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.020975
4604	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000900
4603	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000107
4602	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000077
4601	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000028
4600	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.014293
4599	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015684
4598	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000005
4597	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000106
4596	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4595	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.019710
4594	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012033
4592	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000461
4591	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000074
4590	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.019270
4589	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.009968
4588	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003089
4587	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000415
4586	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015629
4585	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.025824
4584	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.014917
4583	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003067
4582	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.054793
4581	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001966
4580	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.020793
4579	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006933
4578	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000076

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4577	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000185
4576	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015374
4575	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001446
4574	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000183
4573	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004767
4572	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000356
4571	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002741
4497	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000177
4496	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4495	13768	41.953166	-124.920891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000010
4494	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002794
4493	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000015
4492	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001992
4491	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000008
4490	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000873
4489	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000677
4488	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000013
4487	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001598
4486	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000883
4485	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001131
4484	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000031
4483	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000025
4482	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001296
4481	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000087
4480	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000049
4479	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003217
4478	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001142
4477	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000344
4476	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000098
4475	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000013
4474	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003727
4473	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003647
4472	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000091
4471	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000009
4470	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004075
4469	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005522
4468	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000005
4467	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004941
4466	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000434
4465	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000006
4464	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000792

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4463	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000015
4462	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000436
4395	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000001
4394	8231	37.353610	-122.486470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001162
4393	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.016905
4392	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006922
4391	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000072
4390	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003842
4389	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003304
4388	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000345
4387	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000846
4386	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001982
4385	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000009
4384	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.009525
4383	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005755
4382	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000092
4381	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.009443
4380	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012938
4379	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.011195
4378	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000020
4377	7692	36.884238	-121.830668	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012207
4376	7691	36.888322	-121.943616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007860
4375	7690	36.892294	-122.056576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001274
4374	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000486
4373	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001780
4372	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002745
4371	7583	36.794927	-121.835897	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.009638
4370	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001870
4369	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000232
4368	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000233
4716	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001979
4715	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006025
4714	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000021
4713	19659	46.771366	-124.179267	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000256
4712	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000046
4711	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003687
4710	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005761
4709	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000424
4708	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000037
4707	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000658
4706	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002738

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4705	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003596
4704	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000448
4703	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000475
4702	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000116
4701	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000017
4700	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003276
4699	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001569
4698	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001719
4697	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000503
4696	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000144
4695	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000040
4694	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004498
4693	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002889
4692	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002304
4691	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000028
4690	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004939
4689	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004879
4688	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006197
4687	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.008610
4686	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000069
4685	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.011174
4684	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.008331
4683	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004099
4682	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003769
4681	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000316
4680	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000009
4679	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000052
4678	19006	46.231826	-124.064910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000058
4677	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003619
4676	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001226
4675	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001105
4674	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000123
4673	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006796
4672	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000040
4671	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000025
4670	18898	46.140282	-123.937742	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002335
4669	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002929
4668	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.016250
4667	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001897
4666	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000979
4665	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002465

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4664	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012690
4663	18789	46.050742	-123.940716	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000438
4662	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012440
4661	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.021022
4660	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007954
4659	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001918
4791	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001927
4658	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001774
4657	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005820
4656	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000096
4655	18680	45.961217	-123.943682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000062
4654	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015121
4653	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.018352
4652	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.016477
4651	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002213
4650	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002315
4649	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005857
4648	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000045
4647	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.012102
4646	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015399
4645	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.008280
4790	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005587
4789	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000317
4788	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.008837
4787	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000686
4786	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005147
4785	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001138
4784	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007913
4783	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006817
4782	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000922
4781	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000011
4780	21501	48.310640	-125.614352	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001545
4779	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001833
4778	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006937
4777	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001790
4776	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003982
4775	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000455
4774	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.016700
4773	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.050633
4772	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.028936
4771	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.008084

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4770	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003068
4769	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001882
4768	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.013346
4767	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.014748
4766	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.043013
4765	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000336
4764	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000646
4763	21071	47.946069	-124.813344	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000017
4762	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002745
4761	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000022
4760	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000042
4759	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000063
4758	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000926
4757	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002670
4756	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000136
4755	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4754	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000004
4753	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000061
4752	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000426
4751	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004127
4750	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000005
4749	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001995
4748	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004551
4747	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000446
4746	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003864
4745	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007646
4744	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004907
4743	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006794
4742	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000008
4741	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000899
4740	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001175
4739	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006590
4738	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007810
4737	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000485
4736	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000852
4735	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002020
4734	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015102
4733	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006923
4732	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001256
4731	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.013563
4730	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002203

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4729	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.013750
4728	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000266
4727	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000008
4726	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.020249
4725	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.010136
4724	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002464
4723	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004593
4722	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.026320
4721	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.003014
4720	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.005475
4719	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004381
4718	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000032
4717	19768	46.861036	-124.176606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000217
4367	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000127
4366	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001002
4365	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001448
4364	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000666
4363	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000118
4362	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000413
4361	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000120
4360	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000756
4452	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002027
4451	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000013
4450	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001602
4449	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000258
4448	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002292
4447	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000954
4446	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004560
4419	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000005
4418	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000016
4417	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000212
4416	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000062
4415	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000019
4414	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000003
4413	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4412	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4411	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4428	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000068
4427	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000017
4426	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000071
4425	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000048

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
4424	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000008
4423	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000010
4422	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000001
4421	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4420	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000006
4445	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002622
4444	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000698
4443	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000043
4442	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000018
4441	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000002
4440	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000160
4439	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000023
4438	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000097
4437	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000010
4436	11590	40.167356	-124.712254	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000024
4435	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000085
4434	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000072
4433	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000025
4432	11482	40.076843	-124.595579	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000011
4431	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000035
4430	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000048
4429	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000003
4410	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000051
4409	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000012
4408	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.007179
4407	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.015017
4406	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.013712
4405	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.010462
4404	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001846
4403	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.017537
4401	8448	37.535607	-122.591584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.004337
4396	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.000109
4398	8339	37.446328	-122.595898	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002997
4399	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.006366
4400	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.001953
4397	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Eopsetta jordani	Petrale sole	0.002813
850	10941	39.624451	-124.134424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005846
744	5627	35.159166	-121.266161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001923
941	13332	41.596452	-124.926698	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009606
940	13228	41.500470	-124.323581	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005023
939	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016872

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
938	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019028
937	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003912
936	13224	41.506155	-124.807219	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003426
935	13223	41.507277	-124.928141	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000418
934	13120	41.409587	-124.205096	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000004
933	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006206
932	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038968
931	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025756
930	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002278
929	13115	41.416984	-124.808820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018922
928	13011	41.320426	-124.207501	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000134
927	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029151
926	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027985
925	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029440
924	13007	41.326574	-124.689822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003311
923	13006	41.327813	-124.810416	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.143387
922	12902	41.231266	-124.209899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018232
921	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020735
920	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043513
919	12899	41.236050	-124.571148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030236
918	12898	41.237406	-124.691576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006947
917	12793	41.142106	-124.212291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003295
916	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007393
915	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.045522
914	12790	41.146883	-124.573058	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029336
913	12789	41.148238	-124.693324	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011343
912	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007991
911	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030125
910	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028646
909	12680	41.059070	-124.695068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017657
908	12679	41.060303	-124.815179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012010
907	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006148
906	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021112
905	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018682
904	12571	40.969902	-124.696807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043935
903	12570	40.971134	-124.816758	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.060852
902	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004326
901	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024524
900	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028934
899	12462	40.880734	-124.698542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.048549
898	12461	40.881964	-124.818333	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.084277

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
897	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001735
896	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020789
895	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034551
894	12353	40.791565	-124.700272	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.057637
893	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010494
892	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027231
891	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038756
890	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000747
889	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017525
888	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016529
887	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001340
886	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013598
885	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020396
884	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027138
883	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.052185
882	11700	40.255197	-124.591875	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019810
881	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033685
880	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027835
879	11697	40.258854	-124.947931	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011611
878	11696	40.259837	-125.066624	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010101
877	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014984
876	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.039204
875	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033279
874	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017156
873	11590	40.167356	-124.712254	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016476
872	11589	40.168573	-124.830783	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033435
871	11588	40.169673	-124.949316	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010820
870	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025146
869	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038627
1146	18346	45.703831	-124.855891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033943
1145	18243	45.605220	-124.084305	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001118
1144	18242	45.607061	-124.213159	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028588
1143	18241	45.608773	-124.342020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000728
1142	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047230
1141	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.106019
1140	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046488
1139	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025023
1138	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033666
1137	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.081680
1136	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.064626
1135	18025	45.426308	-124.089775	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.106476

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1134	18024	45.428143	-124.218261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.610943
1133	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014879
1132	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034799
1131	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056450
1130	18019	45.435401	-124.860792	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.072279
1129	17916	45.336870	-124.092498	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026231
1128	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.595370
1127	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.140560
1126	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.058742
1125	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022676
1124	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.054027
1123	17910	45.345949	-124.862417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.068796
1122	17807	45.247445	-124.095214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011481
1121	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.065131
1120	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008101
1119	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023486
1118	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038640
1117	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.048937
1116	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009701
1115	17698	45.158030	-124.097922	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010308
1180	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023644
981	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.035016
980	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.064076
979	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031842
978	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023426
977	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046470
976	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022572
975	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030737
974	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024935
973	13987	42.130403	-124.795894	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.060898
972	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022627
971	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021054
970	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028546
969	13878	42.041218	-124.797525	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034077
968	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031927
967	13772	41.947924	-124.433963	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003548
966	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022368
965	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021272
964	13769	41.952036	-124.799152	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.032750
963	13768	41.953166	-124.920891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.035762
962	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009286

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
961	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019700
960	13661	41.861608	-124.679204	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013049
959	13660	41.862857	-124.800774	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021539
958	13659	41.863985	-124.922349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034492
957	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031398
956	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022169
955	13552	41.772432	-124.680985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017104
954	13551	41.773679	-124.802392	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037574
953	13550	41.774805	-124.923803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029295
952	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030049
951	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021586
950	13443	41.683258	-124.682762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033971
949	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024215
948	13441	41.685628	-124.925252	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028257
947	13440	41.686633	-125.046504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000457
946	13337	41.589635	-124.321325	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010080
945	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041562
944	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024791
943	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007116
942	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024148
1220	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002586
1219	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002468
1218	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030345
1217	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036828
1216	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016807
1215	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056713
1214	19441	46.592077	-124.184564	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000914
1213	19440	46.593820	-124.315487	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017564
1212	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008869
1211	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022301
1210	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037510
1209	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027664
1208	19435	46.600579	-124.970196	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.015272
1207	19332	46.502457	-124.187202	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001235
1206	19331	46.504197	-124.317934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003803
1205	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033337
1204	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031004
1203	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018250
1202	19327	46.509855	-124.840930	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038694
1201	19223	46.412852	-124.189831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001189
1200	19222	46.414589	-124.320374	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007541

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1199	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036569
1198	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.089675
1197	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.039599
1196	19114	46.323262	-124.192453	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000329
1195	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.054315
1194	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.050198
1193	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025369
1192	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012950
1191	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028761
1190	19005	46.233687	-124.195068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000272
1189	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.032228
1188	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.069997
1187	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013651
1186	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029520
1185	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.052866
1184	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030503
1183	18897	46.142269	-124.067704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000067
1182	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003382
1181	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040766
1179	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014643
1178	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026965
1177	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.061423
1176	18788	46.052727	-124.070491	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001548
1175	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010420
1174	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.117049
1173	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017370
1172	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026454
1171	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.093105
1170	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.044838
1169	18679	45.963198	-124.073270	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002918
1168	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.055579
1167	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.074516
1166	18676	45.968368	-124.462080	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004584
1165	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033585
1164	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.062747
1163	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037484
1162	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001139
1161	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019443
1160	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027591
1159	18567	45.878846	-124.464291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003530
1158	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053475

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1157	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.045291
1156	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002207
1155	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019878
1154	18459	45.787747	-124.337259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041907
1153	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011991
1152	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036222
1151	18455	45.793333	-124.854248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040007
1150	18352	45.694695	-124.081558	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001860
1149	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023603
1148	18350	45.698254	-124.339643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.015462
1147	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029661
1027	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013264
1026	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.048912
1025	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.088564
1024	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.051329
1023	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.074958
1022	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018578
1021	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.050718
1020	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056521
1019	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.051756
1018	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.084641
1017	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022656
1016	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.035913
1015	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056942
1014	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.081749
1013	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.051908
1012	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033986
1011	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053922
1010	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.078191
1009	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027465
1008	15293	43.203080	-125.024153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028406
1007	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011186
1006	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.059053
1005	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028318
1004	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009997
1003	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004830
1002	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014358
1001	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030906
1000	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008839
999	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002578
998	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.044377

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
997	14966	42.935387	-125.028173	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.058363
996	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004617
995	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012519
994	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022255
993	14857	42.846167	-125.029506	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.088878
992	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007074
991	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026024
990	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018299
989	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.050127
988	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019775
987	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.042106
986	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026318
985	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004645
984	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016315
983	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014612
982	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023941
1311	21398	48.215911	-124.808025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008184
1310	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.054735
1309	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001590
1308	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003238
1307	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009352
1306	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024388
1305	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037073
1304	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033325
1303	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.279897
1302	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000778
1301	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029658
1300	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016421
1299	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016277
1298	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014774
1297	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003825
1296	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.091547
1295	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.062538
1294	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011808
1293	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030288
1292	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.067431
1291	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003745
1290	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.048258
1289	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047684
1288	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.032558
1287	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024471

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1286	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.080645
1285	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.039213
1323	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007173
1322	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018239
1321	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000833
1320	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003742
1319	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.158993
1318	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010122
1317	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003386
1316	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003908
1315	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.064196
1314	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040079
1313	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000216
1114	17697	45.159856	-124.225861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056064
1113	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.050262
1112	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018933
1111	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021113
1110	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.050918
1109	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.055746
1108	17589	45.068627	-124.100622	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010559
1107	17588	45.070451	-124.228380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.070696
1106	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.083937
1105	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025636
1104	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011475
1103	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.102206
1102	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.092346
1101	17479	44.981056	-124.230891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.067488
1100	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.104573
1099	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008790
1098	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023939
1097	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.071849
1096	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.070996
1095	17370	44.891672	-124.233396	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043681
1094	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.083948
1093	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.072352
1092	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030608
1091	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.052368
1090	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041746
1089	17364	44.899921	-124.997901	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028736
1088	17261	44.802298	-124.235893	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003686
1087	17260	44.803987	-124.363116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047364

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1086	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.057588
1085	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.054499
1084	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024981
1083	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.057211
1082	17255	44.810535	-124.999318	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029512
1081	17152	44.712935	-124.238383	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000415
1080	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001907
1079	17150	44.716181	-124.492476	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019746
1078	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027726
1077	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019333
1076	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037151
1075	17146	44.721159	-125.000730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046269
1074	17145	44.722088	-125.127805	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005533
1073	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001435
1072	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.052273
1071	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033984
1070	17037	44.631793	-125.002139	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053821
1069	17036	44.632721	-125.129035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024664
1068	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020033
1067	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031230
1066	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053625
1065	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033701
1064	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041337
1063	16927	44.543363	-125.130261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.108822
1062	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040901
1061	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.039234
1060	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027719
1059	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.039691
1058	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036639
1057	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030331
1056	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041071
1055	16603	44.272203	-124.755380	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020595
1054	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017611
1053	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033223
1052	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.032047
1051	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034114
1050	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005356
1049	16278	44.001569	-124.509313	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.065439
1048	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028104
1047	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034169
1046	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005506

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1045	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004432
1044	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037689
1043	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022842
1042	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026183
1041	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.063920
1040	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.076182
1039	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036120
1038	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038276
1037	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014405
1036	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.086193
1035	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.140506
1034	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.045999
1033	15947	43.738624	-125.016013	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047910
1032	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009639
1031	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.083473
1030	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.121991
1029	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.030429
1028	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.056113
1312	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007354
1284	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046240
1283	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040212
1282	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047503
1281	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.066474
1280	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.051153
1279	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022943
1278	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021424
1277	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013058
1276	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000909
1275	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002967
1274	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038202
1273	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036289
1272	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012197
1271	20738	47.681096	-125.618350	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000410
1270	20737	47.681411	-125.751648	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000490
1269	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000016
1268	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005725
1267	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.082367
1266	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034659
1265	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013433
1264	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.095908
1263	20631	47.590217	-125.352718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012775

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1262	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000011
1261	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022767
1260	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053917
1259	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014108
1258	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014859
1257	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028578
1256	20522	47.500385	-125.353674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001753
1255	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000007
1254	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013015
1253	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025091
1252	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031909
1251	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008270
1250	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019886
1249	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016967
1248	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008027
1247	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012861
1246	20092	47.135031	-124.564825	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002018
1245	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013008
1244	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007434
1243	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031135
1242	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004216
1241	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002460
1240	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000738
1239	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004685
1238	19873	46.956952	-124.700734	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001982
1237	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014088
1236	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003343
1235	19869	46.961082	-125.227619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028633
1234	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006782
1233	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003418
1232	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018810
1231	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020408
1230	19761	46.870545	-125.097213	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016322
1229	19760	46.871379	-125.228748	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033068
1228	19658	46.773115	-124.310571	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000698
1227	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001903
1226	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002407
1225	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031768
1224	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.036746
1223	19652	46.780860	-125.098530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043222
1222	19550	46.681714	-124.181920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000027

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1221	19549	46.683459	-124.313033	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003734
868	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022066
867	11482	40.076843	-124.595579	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014603
866	11481	40.078176	-124.713948	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014891
865	11480	40.079392	-124.832321	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002193
864	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008683
863	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014070
862	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017428
861	11374	39.986215	-124.479215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014835
860	11373	39.987663	-124.597424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012757
859	11372	39.988994	-124.715637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000770
858	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012213
857	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013881
856	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003805
855	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013299
854	11158	39.804610	-124.247418	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007585
853	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010779
852	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011462
851	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.015765
849	10833	39.533359	-124.019443	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024664
848	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004423
847	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033414
846	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007143
845	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038238
844	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006096
843	10506	39.265783	-124.027166	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026910
842	10505	39.267680	-124.144122	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.010865
841	10397	39.176582	-124.029726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024933
840	10396	39.178477	-124.146531	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008369
839	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026575
838	10288	39.087377	-124.032280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017539
837	10287	39.089270	-124.148934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.017259
836	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.014151
835	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020417
834	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023590
833	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034317
832	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046142
831	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026282
830	9853	38.728510	-123.926384	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.041184
829	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004679
828	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026684

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
827	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022904
826	9636	38.547940	-123.815978	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034052
825	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.021402
824	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027060
823	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031249
822	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.026426
821	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013394
820	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034376
819	9310	38.277996	-123.709084	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.035217
818	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.065826
817	9202	38.186417	-123.596881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025980
816	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.071950
815	9093	38.097160	-123.599951	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029110
814	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001718
813	8985	38.005461	-123.488182	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.034996
812	8984	38.007896	-123.603014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.028382
811	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005203
810	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.032260
809	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.037430
808	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.055420
807	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020881
806	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011076
805	8447	37.538933	-122.705615	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004002
804	8446	37.542145	-122.819656	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011013
803	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040637
802	8338	37.449650	-122.709785	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004922
801	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.040564
800	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.033028
799	8229	37.360359	-122.713945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005258
798	8228	37.363564	-122.827699	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.089801
797	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053698
761	7035	36.360052	-122.198201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027391
760	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029116
759	6926	36.270666	-122.202934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013382
758	6604	35.982250	-121.659312	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.024067
757	6495	35.892841	-121.664688	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004902
756	6385	35.807671	-121.781301	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013110
755	6277	35.713988	-121.675400	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005494
754	6169	35.620193	-121.569773	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002879
753	6168	35.624544	-121.680736	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003945
778	7691	36.888322	-121.943616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.022532

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
777	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019380
776	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.042840
775	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023481
774	7686	36.907060	-122.508540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004137
773	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.018250
772	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007018
771	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.008960
770	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.004825
787	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.011932
786	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005822
785	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.061402
784	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.025683
783	7900	37.098708	-122.953022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.053511
782	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019295
781	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013422
780	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.020087
779	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.016938
796	8226	37.369636	-123.055236	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.029050
795	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.075120
794	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.058924
793	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.046556
792	8117	37.280325	-123.058956	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.038513
791	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.072053
790	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043099
789	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.027967
788	8008	37.191006	-123.062666	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.043594
769	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005092
768	7471	36.717494	-122.179148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.019630
767	7470	36.721233	-122.291851	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.006945
766	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.013023
765	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.059575
764	7144	36.449428	-122.193455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012129
763	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000668
762	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.031596
752	6061	35.526284	-121.464419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001550
751	6060	35.530741	-121.575232	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.002549
750	5952	35.436825	-121.470000	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001141
749	5845	35.338129	-121.254526	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.001480
748	5843	35.347352	-121.475568	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000011
747	5736	35.248654	-121.260351	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.005867
746	5735	35.253316	-121.370730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.000028

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
745	5629	35.149524	-121.045715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.003169
743	5520	35.060033	-121.051781	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007769
738	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.023625
740	5409	34.980150	-121.277740	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.047984
741	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.012611
742	5518	35.069665	-121.271957	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.007569
739	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Anoplopoma fimbria	Sablefish	0.009223
2715	11267	39.893790	-124.245120	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006077
2612	5627	35.159166	-121.266161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000135
2809	13769	41.952036	-124.799152	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000602
2808	13768	41.953166	-124.920891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000469
2807	13662	41.860239	-124.557638	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000949
2806	13661	41.861608	-124.679204	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005870
2805	13660	41.862857	-124.800774	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
2804	13659	41.863985	-124.922349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000112
2803	13553	41.771065	-124.559584	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003500
2802	13552	41.772432	-124.680985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004060
2801	13551	41.773679	-124.802392	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000011
2800	13550	41.774805	-124.923803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000668
2799	13445	41.680407	-124.440291	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000108
2798	13444	41.681892	-124.561524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004337
2797	13443	41.683258	-124.682762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000312
2796	13442	41.684503	-124.804005	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000002
2795	13441	41.685628	-124.925252	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000330
2794	13440	41.686633	-125.046504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003265
2793	13336	41.591238	-124.442390	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000091
2792	13335	41.592722	-124.563459	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002045
2791	13334	41.594085	-124.684534	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000227
2790	13333	41.595328	-124.805614	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000128
2789	13332	41.596452	-124.926698	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000003
2788	13227	41.502071	-124.444482	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000053
2787	13226	41.503552	-124.565389	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002005
2786	13225	41.504914	-124.686302	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000075
2785	13224	41.506155	-124.807219	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000060
2784	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000063
2783	13118	41.412905	-124.446569	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001546
2782	13117	41.414384	-124.567314	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003329
2781	13116	41.415744	-124.688065	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000910
2780	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000109
2779	13009	41.323739	-124.448651	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004112
2778	13008	41.325216	-124.569234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004492

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2777	13007	41.326574	-124.689822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006968
2776	12901	41.232980	-124.330310	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000086
2775	12900	41.234574	-124.450726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004673
2774	12899	41.236050	-124.571148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003165
2773	12898	41.237406	-124.691576	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012576
2772	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000232
2771	12791	41.145410	-124.452797	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004009
2770	12790	41.146883	-124.573058	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001866
2769	12789	41.148238	-124.693324	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015062
2768	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000012
2767	12682	41.056246	-124.454861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003303
2766	12681	41.057717	-124.574962	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000827
2765	12680	41.059070	-124.695068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001892
2764	12679	41.060303	-124.815179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004315
2763	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000046
2762	12573	40.967082	-124.456921	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002239
2761	12572	40.968551	-124.576861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003914
2760	12571	40.969902	-124.696807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001253
2759	12570	40.971134	-124.816758	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000181
2758	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002175
2757	12463	40.879385	-124.578756	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003861
2756	12462	40.880734	-124.698542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000517
2755	12461	40.881964	-124.818333	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000045
2754	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001718
2753	12354	40.790218	-124.580645	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003507
2752	12353	40.791565	-124.700272	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000370
2751	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000507
2750	12245	40.701051	-124.582529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003593
2749	12244	40.702396	-124.701997	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000331
2748	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000465
2747	12136	40.611883	-124.584408	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003320
2746	12135	40.613226	-124.703718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003994
2745	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000015
2744	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005037
2743	12026	40.524055	-124.705434	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004834
2742	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011910
2741	11809	40.344371	-124.590016	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008674
2740	11700	40.255197	-124.591875	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002822
2739	11699	40.256533	-124.710556	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001332
2738	11698	40.257752	-124.829241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001477
2737	11697	40.258854	-124.947931	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005557

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3062	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000327
3061	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004953
3060	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000321
3059	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000177
3058	21282	48.130982	-125.749796	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002620
3057	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000084
3056	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003813
3055	21175	48.040259	-125.481985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003557
3054	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003710
3053	21173	48.041026	-125.750168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005441
3052	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001059
3051	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010480
3050	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004370
3049	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004086
3048	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002884
3047	21064	47.951091	-125.750540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000360
3046	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.014412
3045	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009293
3044	20958	47.859830	-125.349833	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003964
3043	20957	47.860413	-125.483524	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005387
3042	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006089
3041	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015392
3040	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012897
3039	20849	47.769939	-125.350798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012392
3038	20848	47.770521	-125.484290	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001812
3037	20847	47.770969	-125.617784	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000899
3036	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006647
3035	20741	47.679354	-125.218468	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006276
3034	20740	47.680068	-125.351759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010197
3033	20738	47.681096	-125.618350	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001311
3032	20737	47.681411	-125.751648	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000529
3031	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
3030	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003130
3029	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004012
3028	20632	47.589504	-125.219623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007168
3027	20631	47.590217	-125.352718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002410
3026	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000019
3025	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000566
3024	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005155
3023	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006247
3022	20523	47.499674	-125.220776	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005454

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3021	20522	47.500385	-125.353674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001725
3020	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000036
3019	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008337
3018	20414	47.409863	-125.221925	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012757
3017	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000013
3016	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007098
3015	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000078
3014	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000114
3013	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005814
3012	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000300
3011	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000038
3010	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015753
3009	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000460
3008	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000390
3007	19871	46.959279	-124.964168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009765
3006	19870	46.960246	-125.095891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.014022
3005	19869	46.961082	-125.227619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.038965
3003	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009086
3002	19761	46.870545	-125.097213	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006048
3001	19760	46.871379	-125.228748	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.036861
3000	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.019313
2999	19653	46.779896	-124.967191	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006750
2998	19652	46.780860	-125.098530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.017840
2997	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003546
2996	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007133
2995	19544	46.690229	-124.968696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011500
2994	19543	46.691191	-125.099844	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.033106
2993	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000011
2992	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004139
2991	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004504
2990	19436	46.599488	-124.839244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005482
2989	19435	46.600579	-124.970196	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.013840
2946	18128	45.524865	-124.859163	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002583
2945	18022	45.431429	-124.475256	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.043867
2944	18021	45.432881	-124.603762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.048584
2943	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005002
2942	18019	45.435401	-124.860792	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002725
2941	17915	45.338702	-124.220802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000008
2940	17914	45.340407	-124.349112	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.048051
2939	17913	45.341984	-124.477430	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.062829
2938	17912	45.343433	-124.605753	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.081498

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2937	17911	45.344755	-124.734082	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015812
2936	17910	45.345949	-124.862417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001936
2935	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.040228
2934	17804	45.252550	-124.479598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.063595
2933	17803	45.253997	-124.607738	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.053299
2932	17802	45.255317	-124.735885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015103
2931	17801	45.256509	-124.864037	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001731
2930	17800	45.257575	-124.992193	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000046
2929	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.022904
2928	17695	45.163128	-124.481759	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.031943
2927	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.013938
2926	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018749
2925	17692	45.167081	-124.865652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009613
2924	17587	45.072147	-124.356144	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004940
2923	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.027777
2922	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.075880
2921	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.013558
2920	17583	45.077664	-124.867262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009469
2919	17477	44.984317	-124.486064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.039943
2918	17476	44.985757	-124.613660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.088816
2917	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.020947
2916	17474	44.988258	-124.868869	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.022409
2915	17368	44.894928	-124.488208	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018430
2914	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.044990
2913	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010808
2912	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018998
2911	17364	44.899921	-124.997901	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001803
2910	17259	44.805549	-124.490345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000016
2909	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.063827
2908	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018512
2907	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018876
2906	17255	44.810535	-124.999318	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002381
2905	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003177
2904	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.014621
2903	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012037
2902	17146	44.721159	-125.000730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001662
2901	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.019662
2900	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010319
2899	17037	44.631793	-125.002139	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001607
2898	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.016921
2897	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.068676

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2896	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.020246
2895	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001749
2894	16927	44.543363	-125.130261	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.066024
2893	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008520
2892	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008502
2891	16819	44.453090	-125.004945	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004309
2890	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000158
2889	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003657
2888	16710	44.363752	-125.006342	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008598
2887	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001640
2886	16601	44.274424	-125.007735	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009836
2885	16492	44.185103	-125.009125	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004868
2884	16383	44.095792	-125.010510	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004356
2883	16277	44.002986	-124.634950	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001223
2882	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003494
2881	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000505
2880	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001112
2879	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004378
2878	16165	43.917192	-125.013269	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002896
2877	16059	43.824412	-124.638751	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006893
2876	16058	43.825701	-124.764043	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006063
2875	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003748
2874	16056	43.827904	-125.014643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008778
2873	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000008
2872	15950	43.735137	-124.640643	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.013957
2871	15949	43.736423	-124.765762	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006350
2870	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005958
2869	15947	43.738624	-125.016013	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004549
2868	15841	43.645868	-124.642530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009161
2867	15840	43.647153	-124.767475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004278
2866	15839	43.648313	-124.892425	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009780
2865	15838	43.649350	-125.017379	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001327
2864	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000007
2863	15732	43.556607	-124.644412	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008815
2862	15731	43.557889	-124.769184	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007261
2861	15730	43.559048	-124.893961	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011739
2860	15729	43.560083	-125.018741	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003464
2859	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005178
2858	15622	43.468632	-124.770888	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008525
2857	15621	43.469790	-124.895492	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003354
2856	15620	43.470823	-125.020100	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003937

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2855	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000409
2854	15513	43.379382	-124.772587	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005504
2853	15512	43.380537	-124.897019	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003020
2852	15511	43.381569	-125.021455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002838
2851	15404	43.290137	-124.774282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005290
2850	15403	43.291291	-124.898542	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003214
2849	15402	43.292322	-125.022806	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000357
2848	15295	43.200899	-124.775972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003614
2847	15294	43.202051	-124.900061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002013
2846	15293	43.203080	-125.024153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
2845	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000021
2844	15186	43.111666	-124.777657	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002733
2843	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005193
2842	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
2841	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001039
2840	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.021512
2839	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000205
2838	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007309
2837	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000002
2836	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000707
2835	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001613
2834	14750	42.754785	-124.784353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001051
2833	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000771
2832	14641	42.665576	-124.786015	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006889
2831	14640	42.666718	-124.909086	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002582
3074	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000246
3073	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000692
3072	21722	48.488935	-125.207910	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001266
3071	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000033
3070	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000162
3069	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000174
3068	21613	48.398894	-125.209097	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000298
3067	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000013
3066	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000211
3065	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
3064	21392	48.220641	-125.614928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000164
3063	21391	48.220959	-125.749422	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001192
2988	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001328
2987	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.020913
2986	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005101
2985	19327	46.509855	-124.840930	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000719

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2984	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000089
2983	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.018260
2982	19219	46.419021	-124.712044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008212
2981	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000212
2980	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000782
2979	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005024
2978	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002919
2977	19109	46.330637	-124.844288	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009770
2976	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002764
2975	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002255
2974	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007114
2973	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007526
2972	19000	46.241050	-124.845960	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.014273
2971	18999	46.242134	-124.976155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.019916
2970	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000004
2969	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000011
2968	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000114
2967	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015004
2966	18891	46.151478	-124.847627	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.023101
2965	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000073
2964	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012547
2963	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010449
2962	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000090
2961	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.016884
2960	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010829
2959	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009119
2958	18564	45.882849	-124.852600	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008736
2957	18458	45.789336	-124.466497	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000928
2956	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007955
2955	18455	45.793333	-124.854248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006558
2954	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005443
2953	18346	45.703831	-124.855891	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007111
2952	18239	45.611814	-124.599763	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.020405
2951	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004126
2950	18237	45.614342	-124.857529	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004443
2949	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.047537
2948	18130	45.522341	-124.601766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.019943
2947	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011693
3004	19763	46.868483	-124.834155	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.025966
2830	14532	42.576372	-124.787673	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009353
2829	14531	42.577512	-124.910575	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005184

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2828	14424	42.485910	-124.666596	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000137
2827	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002933
2826	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004576
2825	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006348
2824	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002951
2823	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008991
2822	14205	42.308781	-124.792619	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006417
2821	14204	42.309917	-124.915020	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002689
2820	14097	42.218335	-124.672028	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005629
2819	14096	42.219590	-124.794259	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007720
2818	14095	42.220725	-124.916494	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002672
2817	13988	42.129149	-124.673829	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002599
2816	13987	42.130403	-124.795894	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012114
2815	13986	42.131536	-124.917964	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011436
2814	13880	42.038594	-124.553731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000866
2813	13879	42.039966	-124.675626	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002104
2812	13877	42.042350	-124.919429	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002180
2811	13771	41.949415	-124.555687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000837
2810	13770	41.950786	-124.677417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001263
2736	11696	40.259837	-125.066624	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000087
2735	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001755
2734	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011844
2733	11592	40.164569	-124.475210	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006372
2732	11591	40.166021	-124.593730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003981
2731	11590	40.167356	-124.712254	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011997
2730	11589	40.168573	-124.830783	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008606
2729	11588	40.169673	-124.949316	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001385
2728	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003746
2727	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008299
2726	11483	40.075393	-124.477215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004941
2725	11482	40.076843	-124.595579	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003507
2724	11481	40.078176	-124.713948	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008349
2723	11480	40.079392	-124.832321	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011110
2722	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007693
2721	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005762
2720	11375	39.984649	-124.361012	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001088
2719	11374	39.986215	-124.479215	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002484
2718	11373	39.987663	-124.597424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004305
2717	11372	39.988994	-124.715637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010884
2716	11268	39.891992	-124.127083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006326
2714	11160	39.800903	-124.011661	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002543

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2713	11159	39.802815	-124.129536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005197
2712	11158	39.804610	-124.247418	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003388
2711	11051	39.711725	-124.014262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005289
2710	11050	39.713634	-124.131983	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005089
2709	10942	39.622544	-124.016856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007516
2708	10941	39.624451	-124.134424	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005410
2707	10833	39.533359	-124.019443	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005976
2706	10832	39.535264	-124.136858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004740
2705	10724	39.444171	-124.022024	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007384
2704	10723	39.446073	-124.139286	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002737
2703	10615	39.354979	-124.024598	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009949
2702	10614	39.356879	-124.141707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003346
2701	10506	39.265783	-124.027166	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006496
2700	10505	39.267680	-124.144122	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005343
2699	10397	39.176582	-124.029726	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006911
2698	10396	39.178477	-124.146531	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010995
2697	10289	39.085369	-123.915633	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001995
2696	10288	39.087377	-124.032280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005659
2695	10287	39.089270	-124.148934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000988
2694	10180	38.996162	-123.918331	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012216
2693	10179	38.998168	-124.034828	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003744
2692	10071	38.906950	-123.921023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001858
2691	10070	38.908953	-124.037368	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004624
2690	9962	38.817733	-123.923707	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006772
2689	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008328
2688	9853	38.728510	-123.926384	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015256
2687	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012325
2686	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011346
2685	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005636
2684	9636	38.547940	-123.815978	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009912
2683	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004174
2682	9528	38.456483	-123.703198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007602
2681	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008322
2680	9419	38.367243	-123.706145	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008540
2679	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002864
2678	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012612
2677	9310	38.277996	-123.709084	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.034391
2676	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008551
2675	9202	38.186417	-123.596881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.012936
2674	9094	38.094722	-123.484972	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008402
2673	9093	38.097160	-123.599951	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.019627

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2672	8985	38.005461	-123.488182	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006299
2671	8984	38.007896	-123.603014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.044134
2670	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000442
2669	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000355
2668	8768	37.824375	-123.380044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000529
2667	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.022282
2666	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.120058
2665	8444	37.548232	-123.047770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007629
2629	7035	36.360052	-122.198201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.009654
2628	6927	36.266837	-122.090944	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002350
2627	6926	36.270666	-122.202934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.021554
2626	6604	35.982250	-121.659312	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.086234
2625	6495	35.892841	-121.664688	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010285
2624	6385	35.807671	-121.781301	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.045971
2623	6277	35.713988	-121.675400	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.040402
2622	6169	35.620193	-121.569773	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.027090
2621	6168	35.624544	-121.680736	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.031150
2646	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002911
2645	7793	37.003106	-122.730481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001316
2644	7689	36.896154	-122.169550	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000190
2643	7688	36.899901	-122.282535	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005607
2642	7687	36.903537	-122.395532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002839
2641	7686	36.907060	-122.508540	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000577
2640	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000656
2639	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000028
2638	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000176
2655	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002140
2654	8009	37.188033	-122.949179	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011278
2653	8008	37.191006	-123.062666	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000833
2652	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
2651	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003168
2650	7901	37.095627	-122.839687	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005621
2649	7900	37.098708	-122.953022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004260
2648	7796	36.992861	-122.390998	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000039
2647	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000625
2664	8336	37.455955	-122.937590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002559
2663	8335	37.458938	-123.051508	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.004920
2662	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006354
2661	8226	37.369636	-123.055236	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005008
2660	8120	37.271059	-122.718095	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000016
2659	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001338

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
2658	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003878
2657	8117	37.280325	-123.058956	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007082
2656	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000572
2637	7579	36.810572	-122.287198	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000003
2636	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002367
2635	7471	36.717494	-122.179148	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008790
2634	7146	36.441641	-121.968928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001770
2633	7145	36.445591	-122.081186	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.011122
2632	7144	36.449428	-122.193455	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.010297
2631	7037	36.352274	-121.973953	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000091
2630	7036	36.356219	-122.086071	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.006502
2620	6061	35.526284	-121.464419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008825
2619	6060	35.530741	-121.575232	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.024526
2618	5952	35.436825	-121.470000	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.014423
2617	5845	35.338129	-121.254526	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.015053
2616	5843	35.347352	-121.475568	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001321
2615	5736	35.248654	-121.260351	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.008196
2614	5735	35.253316	-121.370730	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002541
2613	5629	35.149524	-121.045715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002719
2611	5520	35.060033	-121.051781	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.007290
2606	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002303
2608	5409	34.980150	-121.277740	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.041447
2609	5412	34.965554	-120.947899	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000819
2610	5518	35.069665	-121.271957	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.005716
2607	5303	34.876041	-120.954068	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000590
1679	7794	36.999803	-122.617309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000008
1682	7903	37.089126	-122.613049	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000144
1828	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000005
1827	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1826	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000013
1825	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1824	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1823	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000003
1822	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000208
1821	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000034
1820	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000157
1819	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000005
1818	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000010
1817	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000055
1816	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000041
1815	21068	47.949024	-125.214980	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1814	21067	47.949742	-125.348866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000003
1813	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000035
1812	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000078
1811	20959	47.859114	-125.216146	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000005
1810	20956	47.860862	-125.617216	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000006
1809	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000060
1808	20850	47.769224	-125.217309	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000026
1806	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000141
1805	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000116
1804	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.004627
1803	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000129
1802	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000053
1801	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1800	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000041
1799	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1798	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000040
1797	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000062
1796	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000006
1795	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000048
1794	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000034
1793	19762	46.869579	-124.965681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000028
1792	19654	46.778801	-124.835856	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000113
1791	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000033
1790	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000014
1789	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000064
1788	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000059
1787	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000039
1786	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000008
1785	19437	46.598267	-124.708296	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000009
1784	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000082
1783	19329	46.507286	-124.579420	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1782	19328	46.508636	-124.710172	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1781	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000738
1780	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000011
1779	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.002866
1778	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000621
1777	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000046
1776	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000011
1775	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000009
1774	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.001575
1773	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000019

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1772	18892	46.150267	-124.717625	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000066
1771	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1770	18783	46.060712	-124.719475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000257
1769	18782	46.061921	-124.849289	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.001277
1768	18674	45.971171	-124.721319	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000065
1767	18673	45.972378	-124.850947	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000012
1766	18565	45.881643	-124.723158	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1765	18456	45.792130	-124.724992	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000053
1764	18347	45.702629	-124.726820	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000131
1763	18129	45.523667	-124.730462	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000050
1762	18020	45.434205	-124.732275	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.006915
1761	17694	45.164573	-124.609718	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000014
1760	17693	45.165890	-124.737682	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000239
1759	17586	45.073717	-124.483915	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000024
1758	17585	45.075159	-124.611692	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000036
1757	17584	45.076475	-124.739475	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000882
1756	17475	44.987071	-124.741262	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000024
1755	17367	44.896366	-124.615623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000088
1754	17366	44.897678	-124.743044	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.003096
1753	17365	44.898863	-124.870470	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000008
1752	17258	44.806985	-124.617580	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000104
1751	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000547
1750	17256	44.809478	-124.872067	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000024
1749	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1748	17149	44.717615	-124.619532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000018
1747	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000864
1746	17147	44.720104	-124.873660	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000307
1745	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004
1744	17040	44.628254	-124.621478	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000035
1743	17038	44.630739	-124.875248	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000020
1742	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000033
1741	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000043
1740	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.001564
1739	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.009954
1738	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.002055
1737	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000006
1736	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.018272
1735	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000755
1699	9746	38.634946	-123.697283	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.003827
1698	9745	38.637171	-123.813165	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000294
1697	9637	38.545717	-123.700244	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
1696	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000014
1695	9420	38.364911	-123.590715	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000006
1694	9312	38.273223	-123.478528	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000003
1693	9311	38.275667	-123.593802	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1692	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000110
1691	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000011
1716	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000117
1715	14314	42.397974	-124.790975	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004
1714	14206	42.307523	-124.670222	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004
1713	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1712	12464	40.877918	-124.458974	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000008
1711	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000099
1710	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000010
1709	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000026
1708	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000034
1725	15842	43.644460	-124.517590	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000126
1724	15733	43.555200	-124.519646	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000089
1723	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000055
1722	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000809
1721	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000486
1720	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004
1719	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000064
1718	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000002
1717	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000004
1734	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000027
1733	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000018
1732	16279	44.000028	-124.383681	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000454
1731	16274	44.006488	-125.011892	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000139
1730	16170	43.910742	-124.385934	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000191
1729	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000700
1728	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000042
1727	15951	43.733726	-124.515530	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000203
1726	15948	43.737586	-124.890885	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1707	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000005
1706	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000297
1705	11593	40.162999	-124.356695	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1704	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000111
1703	11484	40.073825	-124.358857	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000001
1702	11377	39.981167	-124.124623	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000032
1701	11376	39.982966	-124.242815	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000012
1700	9854	38.726397	-123.810345	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes entomelas	Widow rockfish	0.000794

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
1690	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000042
1689	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000045
1688	8769	37.821718	-123.265519	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000241
1687	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.001678
1686	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000091
1685	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000041
1684	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000091
1683	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000075
1681	7902	37.092433	-122.726363	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000001
1676	5302	34.881011	-121.063867	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000036
1678	7581	36.802973	-122.061523	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000382
1807	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000137
1680	7795	36.996388	-122.504148	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000037
1677	7580	36.806829	-122.174355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes entomelas	Widow rockfish	0.000635
1	7473	36.709680	-121.953779	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.002708
2	7582	36.799006	-121.948704	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000043
71	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000009
70	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000614
69	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000021
68	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000007
67	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000188
66	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000070
65	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000025
64	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000070
63	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000024
88	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000154
87	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000134
86	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000157
85	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000014
84	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000933
83	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000076
82	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000029
81	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000045
80	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000085
94	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000029
93	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000062
92	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000036
91	21504	48.308877	-125.210281	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000522
90	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000005
89	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000127
79	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000060

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
78	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000073
77	21174	48.040709	-125.616076	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000004
76	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000002
75	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000007
74	20960	47.858264	-125.082462	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000005
73	20637	47.583949	-124.554214	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000545
72	20636	47.585326	-124.687286	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000019
3	7904	37.085707	-122.499745	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000259
4	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000026
5	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000030
6	9203	38.183976	-123.481754	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000065
7	9529	38.454148	-123.587621	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000177
8	11485	40.072141	-124.240504	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000041
9	11594	40.161312	-124.238187	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000250
10	14313	42.399112	-124.913543	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000010
11	14422	42.488310	-124.912061	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000010
12	14423	42.487171	-124.789326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000011
13	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000002
14	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000329
15	14858	42.845143	-124.906094	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000004
16	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000368
17	14967	42.934363	-124.904592	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000008
18	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000088
19	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000003
20	15076	43.023587	-124.903086	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000022
21	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000105
22	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000028
23	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000657
24	15185	43.112816	-124.901575	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000012
25	15514	43.378103	-124.648161	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000047
26	15623	43.467352	-124.646289	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000030
27	15624	43.465947	-124.521695	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000015
28	16057	43.826865	-124.889341	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000076
29	16166	43.916151	-124.887793	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000064
30	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000020
31	16602	44.273376	-124.881555	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
32	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
33	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000088
34	16820	44.452039	-124.878410	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000030
35	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000145
36	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000030

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY		SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
					YEARS				
37	16928	44.542437	-125.003544	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000182
38	16929	44.541385	-124.876831	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000067
39	16930	44.540207	-124.750123	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000037
40	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000266
41	16932	44.537473	-124.496721	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000009
42	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000026
43	17148	44.718922	-124.746593	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000185
44	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
45	17257	44.808295	-124.744821	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000079
46	18675	45.969834	-124.591696	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000346
47	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000369
48	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000193
49	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000017
50	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
51	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000192
52	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000036
53	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000018
54	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000194
55	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000072
56	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000039
57	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000181
58	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000040
59	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000020
60	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
61	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000001
62	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes ruberimus	Yelloweye rockfish	0.000060
3217	8010	37.184948	-122.835701	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000042
3218	8011	37.181750	-122.722234	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000045
3219	8118	37.277349	-122.945326	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000002
3220	8119	37.274260	-122.831705	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000089
3354	21725	48.485949	-124.802658	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000016
3353	21724	48.487079	-124.937737	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.006676
3352	21723	48.488074	-125.072822	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000080
3351	21616	48.395914	-124.804452	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.001551
3350	21615	48.397042	-124.939329	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000008
3349	21614	48.398036	-125.074211	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.010042
3348	21507	48.305901	-124.806241	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000632
3347	21506	48.307028	-124.940917	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000981
3346	21503	48.309599	-125.344968	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.001051
3345	21397	48.217035	-124.942499	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.000050
3344	21394	48.219602	-125.345947	Limited-Entry Groundfish Bottom Trawl	2002-2006		Sebastes flavidus	Yellowtail rockfish	0.005174

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3343	21393	48.220189	-125.480437	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002872
3342	21288	48.127065	-124.944077	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000069
3341	21287	48.128053	-125.078355	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002205
3340	21286	48.128907	-125.212637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002114
3339	21285	48.129627	-125.346923	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.028391
3338	21284	48.130213	-125.481212	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001553
3337	21283	48.130665	-125.615503	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001742
3336	21179	48.037116	-124.945650	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000127
3335	21178	48.038103	-125.079728	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000291
3334	21177	48.038955	-125.213810	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000536
3333	21176	48.039674	-125.347896	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001405
3332	21070	47.947188	-124.947218	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000323
3331	21066	47.950325	-125.482755	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000001
3330	21065	47.950775	-125.616647	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000015
3329	20851	47.768376	-125.083823	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.006021
3328	20744	47.676415	-124.818616	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.004976
3327	20742	47.678507	-125.085180	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.008805
3326	20635	47.586570	-124.820363	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000634
3325	20634	47.587681	-124.953445	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000036
3324	20633	47.588659	-125.086532	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000349
3323	20528	47.494128	-124.556349	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000001
3322	20527	47.495502	-124.689224	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000048
3321	20526	47.496744	-124.822105	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.005842
3320	20525	47.497853	-124.954991	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.004008
3319	20524	47.498830	-125.087881	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000064
3318	20419	47.404326	-124.558477	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000057
3317	20418	47.405698	-124.691156	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.004197
3316	20417	47.406938	-124.823841	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.007631
3315	20309	47.315912	-124.693083	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001719
3314	20308	47.317150	-124.825573	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.003442
3313	20200	47.226145	-124.695004	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001022
3312	20199	47.227381	-124.827299	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000307
3311	20198	47.228485	-124.959599	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.003614
3310	20091	47.136397	-124.696920	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000269
3221	8227	37.366656	-122.941463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000032
3222	8552	37.640394	-123.158238	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000070
3223	8553	37.637517	-123.044022	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002572
3224	8877	37.913647	-123.376705	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.005252
3225	8878	37.910988	-123.262035	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001869
3226	8986	38.002912	-123.373357	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000280
3227	11918	40.433543	-124.588151	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000006

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3228	12027	40.522713	-124.586282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000327
3229	12028	40.521254	-124.467135	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000772
3230	12137	40.610421	-124.465103	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000130
3231	12246	40.699587	-124.463066	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000092
3232	12355	40.788753	-124.461023	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000003
3233	12356	40.787169	-124.341406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000110
3234	12465	40.876331	-124.339199	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000087
3235	12574	40.965494	-124.336985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000032
3236	12683	41.054656	-124.334766	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000025
3237	12792	41.143818	-124.332541	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000015
3238	13010	41.322142	-124.328073	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000044
3239	13119	41.411306	-124.325830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000009
3240	13554	41.769577	-124.438187	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000022
3241	13663	41.858750	-124.436078	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000001
3242	14749	42.755929	-124.907592	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000003
3243	14751	42.753519	-124.661118	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000117
3244	14859	42.843998	-124.782686	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000261
3245	14860	42.842730	-124.659282	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000805
3246	14968	42.933216	-124.781014	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000429
3247	14969	42.931946	-124.657441	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000241
3248	15077	43.022438	-124.779338	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000441
3249	15078	43.021167	-124.655595	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000176
3250	15079	43.019772	-124.531858	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000681
3251	15187	43.110392	-124.653744	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000030
3252	16168	43.913695	-124.636853	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000312
3253	16169	43.912281	-124.511391	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000410
3254	16711	44.362703	-124.879985	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000114
3255	16712	44.361529	-124.753632	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000283
3256	16821	44.450863	-124.751880	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000511
3257	16822	44.449561	-124.625354	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000034
3258	16931	44.538903	-124.623419	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000395
3259	17042	44.625265	-124.367731	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000085
3260	17151	44.714621	-124.365427	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000012
3261	17369	44.893363	-124.360798	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000018
3262	17478	44.982750	-124.358474	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000040
3263	17696	45.161556	-124.353807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000099
3264	17805	45.250975	-124.351463	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000216
3265	18131	45.520887	-124.473075	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000051
3266	18238	45.613142	-124.728644	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000034
3267	18351	45.696538	-124.210597	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000019
3268	18460	45.786029	-124.208027	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000064

Observer Trawl 2002-2006

SYS ID	GRID ID	LAT10KM	LONG10KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
3309	20090	47.137630	-124.829021	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000587
3269	18461	45.784183	-124.078803	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000025
3270	18568	45.877254	-124.334867	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000090
3271	18569	45.875533	-124.205450	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000177
3272	18570	45.873684	-124.076040	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000005
3273	18677	45.966774	-124.332469	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000135
3274	18678	45.965051	-124.202866	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000171
3275	18784	46.059373	-124.589665	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000044
3276	18785	46.057905	-124.459861	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000265
3277	18786	46.056308	-124.330064	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000008
3278	18787	46.054582	-124.200274	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000020
3279	18893	46.148926	-124.587628	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.006901
3280	18894	46.147456	-124.457637	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.017715
3281	18895	46.145856	-124.327652	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000042
3282	18896	46.144127	-124.197675	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000071
3283	19001	46.239837	-124.715770	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000089
3284	19002	46.238494	-124.585585	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.003762
3285	19003	46.237021	-124.455406	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.014017
3286	19004	46.235419	-124.325233	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000427
3287	19110	46.329421	-124.713909	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000118
3288	19111	46.328076	-124.583536	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.003677
3289	19112	46.326601	-124.453168	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001481
3290	19113	46.324996	-124.322807	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000115
3291	19220	46.417674	-124.581481	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002325
3292	19221	46.416196	-124.450924	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.023372
3293	19330	46.505807	-124.448674	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.004871
3294	19438	46.596915	-124.577353	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000124
3295	19439	46.595433	-124.446417	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001340
3296	19545	46.689137	-124.837552	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000029
3297	19546	46.687913	-124.706414	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000038
3298	19547	46.686559	-124.575280	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002255
3299	19548	46.685075	-124.444153	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001605
3300	19656	46.776220	-124.573201	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000049
3301	19657	46.774733	-124.441883	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000325
3302	19765	46.865897	-124.571116	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000248
3303	19766	46.864408	-124.439606	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000069
3304	19874	46.955591	-124.569025	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000333
3305	19981	47.047897	-124.830737	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000861
3306	19982	47.046665	-124.698830	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000272
3307	19983	47.045303	-124.566928	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000124
3308	20089	47.138732	-124.961127	Limited-Entry Groundfish Bottom Trawl	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000156