

Observer Fixed Gear 2002-2006

SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
366	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000043
367	2497	38.769890	-123.750877	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000095
369	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000214
368	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000024
370	3318	41.459649	-124.626767	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000422
372	3647	42.532342	-124.849908	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000029
374	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000856
376	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.003568
378	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000497
387	4418	45.029740	-124.548832	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000623
386	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.005529
385	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000326
384	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.006017
383	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.003087
382	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000412
381	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001745
380	4196	44.319552	-125.070175	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000605
379	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000786
404	5077	47.181893	-124.762060	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.135114
403	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.015017
402	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.010049
401	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.003106
400	4966	46.825224	-125.032153	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.007911
399	4913	46.640999	-124.510800	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.029415
398	4912	46.643705	-124.772876	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.006562
397	4858	46.461745	-124.515124	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.005642
396	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.003154
395	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.004071
394	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001415
393	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001244
392	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000194
391	4583	45.566353	-124.536373	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000894
390	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001631
389	4473	45.208565	-124.544703	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000114
388	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001550
416	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.066128
415	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.027823
414	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.060773
413	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.047914
412	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.042189
411	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.044228

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
410	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.023558
409	5241	47.722956	-125.017809	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.095786
408	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.036128
407	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.025620
406	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.027440
405	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.021833
377	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000534
375	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.004560
373	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.001379
371	3319	41.456688	-124.385115	Limited-Entry Groundfish Fixed Gear	2002-2006	Atheresthes stomias	Arrowtooth flounder	0.000084
117	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes paucispinis	Bocaccio	0.000047
118	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes paucispinis	Bocaccio	0.000133
119	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes paucispinis	Bocaccio	0.000162
195	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.001333
196	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000106
197	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000491
198	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000474
199	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000026
200	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000680
201	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000068
202	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000193
203	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000025
204	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.003060
205	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000702
206	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.018614
207	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000157
208	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000030
209	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.001013
210	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000339
211	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000140
194	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000858
193	2989	40.386712	-124.410719	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.002028
212	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000267
213	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.005326
214	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000107
215	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.001171
216	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000586
217	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000249
218	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes pinniger	Canary rockfish	0.000699
341	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes goodei	Chilipepper rockfish	0.001140
120	1092	33.878225	-118.465988	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes levis	Cowcod	0.001077

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
219	984	33.489291	-118.071885	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000486
220	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000076
221	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000312
222	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000107
223	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000153
224	3318	41.459649	-124.626767	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000077
225	3319	41.456688	-124.385115	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000058
226	3647	42.532342	-124.849908	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000187
227	3702	42.710753	-124.846761	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.001077
228	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000099
229	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000530
230	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000100
231	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000434
232	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000022
233	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000057
234	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000094
235	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000079
236	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000020
237	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000187
238	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000021
239	4583	45.566353	-124.536373	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000077
240	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000083
241	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000073
242	4912	46.643705	-124.772876	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000076
243	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000122
244	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000534
245	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000143
246	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000138
247	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000187
248	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000100
249	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes crameri	Darkblotched rockfish	0.000041
265	767	32.723420	-117.508538	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.004938
272	986	33.456803	-117.642035	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.007747
297	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000126
296	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000285
295	4196	44.319552	-125.070175	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000816
294	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.002575
293	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000657
292	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000982
291	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000199
290	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000047

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
289	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000102
314	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001954
313	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.041057
312	4966	46.825224	-125.032153	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001253
311	4913	46.640999	-124.510800	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000291
310	4912	46.643705	-124.772876	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000493
309	4858	46.461745	-124.515124	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000319
308	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000528
307	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000120
306	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000196
324	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001332
323	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001200
322	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000486
321	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000850
320	5241	47.722956	-125.017809	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000222
319	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001119
318	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001073
317	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.003840
316	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001694
315	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.003765
305	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000111
304	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000782
303	4583	45.566353	-124.536373	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001034
302	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000059
301	4418	45.029740	-124.548832	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000071
300	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000033
299	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000412
298	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000140
327	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000273
326	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000149
325	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000591
288	3319	41.456688	-124.385115	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000534
287	3318	41.459649	-124.626767	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000199
286	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000298
285	2989	40.386712	-124.410719	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000289
284	2988	40.389626	-124.648541	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.002159
283	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000196
282	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000215
281	2497	38.769890	-123.750877	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000287
280	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.000091
279	1953	36.949959	-122.449803	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.012166

Observer Fixed Gear 2002-2006

SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
278	1092	33.878225	-118.465988	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.002557
277	1091	33.893030	-118.682251	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.014300
276	1090	33.907404	-118.898600	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.011783
275	1089	33.921347	-119.115031	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.020801
274	1088	33.934859	-119.331541	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.017984
273	1037	33.699178	-118.484086	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.009113
271	985	33.473261	-117.856913	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001982
266	822	32.902652	-117.488361	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.006872
268	931	33.277751	-117.661995	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.006757
269	983	33.504892	-118.286947	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.004024
270	984	33.489291	-118.071885	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.001954
267	877	33.081811	-117.468088	Limited-Entry Groundfish Fixed Gear	2002-2006	Microstomus pacificus	Dover sole	0.003044
1	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.012669
8	3318	41.459649	-124.626767	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002683
17	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002797
16	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000275
15	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002842
14	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.001038
13	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000069
12	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000476
11	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000355
10	3647	42.532342	-124.849908	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000531
9	3319	41.456688	-124.385115	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.014493
43	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.001270
42	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000068
41	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002161
40	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.003693
39	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000764
38	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.027248
37	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.012938
36	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.005909
35	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.020237
34	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000181
33	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002996
32	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000810
31	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.006807
30	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000532
29	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.001656
28	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.007970
27	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.012173
26	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.005788

Observer Fixed Gear 2002-2006

SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
25	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002208
24	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.016846
23	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.008470
22	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002183
21	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000124
20	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000379
19	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000544
18	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.003304
7	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.003415
2	2497	38.769890	-123.750877	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002673
4	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002675
5	2988	40.389626	-124.648541	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.000539
6	2989	40.386712	-124.410719	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.002325
3	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Ophiodon elongatus	Lingcod	0.007817
342	767	32.723420	-117.508538	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.016108
349	986	33.456803	-117.642035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.022539
365	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000002
364	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000014
363	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000059
362	4858	46.461745	-124.515124	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000004
361	4473	45.208565	-124.544703	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000017
360	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000006
359	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000002
358	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000001
357	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.000005
356	1953	36.949959	-122.449803	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.001694
355	1092	33.878225	-118.465988	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.005110
354	1091	33.893030	-118.682251	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.034400
353	1090	33.907404	-118.898600	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.012961
352	1089	33.921347	-119.115031	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.008993
351	1088	33.934859	-119.331541	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.005788
350	1037	33.699178	-118.484086	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.006114
348	985	33.473261	-117.856913	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.026082
343	822	32.902652	-117.488361	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.042235
345	931	33.277751	-117.661995	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.025389
346	983	33.504892	-118.286947	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.005530
347	984	33.489291	-118.071885	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.029436
344	877	33.081811	-117.468088	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Longspine thornyhead	0.025248
121	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000006
128	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000071
127	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000072

Observer Fixed Gear 2002-2006

SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
122	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000008
124	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000637
125	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000243
126	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000171
123	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes alutus	Pacific Ocean Perch	0.000122
252	1953	36.949959	-122.449803	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000096
258	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000024
264	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000048
263	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000034
262	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000045
261	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000042
260	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000042
259	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000109
257	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000079
253	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000009
254	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000062
255	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000112
256	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Eopsetta jordani	Petrале sole	0.000094
70	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.100212
73	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.165211
75	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.189600
77	4196	44.319552	-125.070175	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.168990
79	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.162546
116	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.031488
115	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.024983
114	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.046327
113	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.045116
112	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.035920
111	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.036317
110	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.027504
109	5241	47.722956	-125.017809	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.070041
108	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.053277
107	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.038244
106	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.054131
88	4527	45.390081	-124.797391	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.068183
52	1037	33.699178	-118.484086	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.020586
51	986	33.456803	-117.642035	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.029243
50	985	33.473261	-117.856913	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.052823
49	984	33.489291	-118.071885	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.038542
48	983	33.504892	-118.286947	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.024556
47	931	33.277751	-117.661995	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.022082

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY YEARS	SCIENTIFIC NAME	COMMON NAME	DISCARD RATE
46	877	33.081811	-117.468088	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.014016
45	822	32.902652	-117.488361	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.022473
44	767	32.723420	-117.508538	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.066496
69	3702	42.710753	-124.846761	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.082334
68	3647	42.532342	-124.849908	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.075347
67	3319	41.456688	-124.385115	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.228807
66	3318	41.459649	-124.626767	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.386041
65	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.098677
64	2989	40.386712	-124.410719	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.192384
63	2988	40.389626	-124.648541	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.254086
62	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.184363
61	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.508691
60	2497	38.769890	-123.750877	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.336883
59	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.294533
58	1953	36.949959	-122.449803	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.271904
57	1092	33.878225	-118.465988	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.024998
56	1091	33.893030	-118.682251	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.032114
55	1090	33.907404	-118.898600	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.023465
54	1089	33.921347	-119.115031	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.007493
53	1088	33.934859	-119.331541	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.007909
87	4473	45.208565	-124.544703	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.179181
86	4472	45.211202	-124.800813	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.082796
85	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.152462
84	4418	45.029740	-124.548832	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.157523
83	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.212313
82	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.209620
81	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.092062
80	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.289423
105	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.045150
104	5077	47.181893	-124.762060	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.035562
103	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.066816
102	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.041351
101	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.080328
100	4966	46.825224	-125.032153	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.076928
99	4913	46.640999	-124.510800	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.063054
98	4912	46.643705	-124.772876	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.075013
97	4858	46.461745	-124.515124	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.085056
96	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.273319
95	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.138589
94	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.185614
93	4692	45.927014	-124.787005	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.149147

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
92	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.192308
91	4583	45.566353	-124.536373	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.153568
90	4582	45.569007	-124.793949	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.052068
89	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.170602
78	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.153299
76	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.050124
74	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.107893
72	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.198418
71	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Anoplopoma fimbria	Sablefish	0.103376
129	767	32.723420	-117.508538	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.050168
134	984	33.489291	-118.071885	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.037070
136	986	33.456803	-117.642035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.039072
162	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000025
161	4307	44.674834	-124.810965	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000021
160	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000105
159	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000019
158	4196	44.319552	-125.070175	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000318
157	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000014
156	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000018
155	3978	43.600536	-124.581044	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000039
145	2551	38.952557	-123.977887	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000004
179	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000415
178	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000320
177	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000010
176	4966	46.825224	-125.032153	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000230
175	4913	46.640999	-124.510800	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000668
174	4912	46.643705	-124.772876	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001191
173	4858	46.461745	-124.515124	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.002638
172	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000045
171	4747	46.106098	-124.783504	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000012
192	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000374
191	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001440
190	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000401
189	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000528
188	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000680
187	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000778
186	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000055
185	5241	47.722956	-125.017809	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000909
184	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000726
183	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000488
182	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000761

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
181	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001609
180	5077	47.181893	-124.762060	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.003036
170	4582	45.569007	-124.793949	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000004
169	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000001
168	4527	45.390081	-124.797391	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000339
167	4473	45.208565	-124.544703	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000121
166	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000022
165	4418	45.029740	-124.548832	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000079
164	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000195
163	4362	44.853581	-124.807600	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000010
144	2442	38.591442	-123.756667	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000028
143	1953	36.949959	-122.449803	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000770
142	1092	33.878225	-118.465988	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.033625
141	1091	33.893030	-118.682251	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.056333
140	1090	33.907404	-118.898600	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.056919
139	1089	33.921347	-119.115031	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.048413
138	1088	33.934859	-119.331541	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.064889
137	1037	33.699178	-118.484086	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.060765
154	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000083
153	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000076
152	3757	42.889181	-124.843596	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000085
151	3702	42.710753	-124.846761	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000023
150	3647	42.532342	-124.849908	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000069
149	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000483
148	2989	40.386712	-124.410719	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001382
147	2988	40.389626	-124.648541	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.000192
146	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.001364
135	985	33.473261	-117.856913	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.027383
133	983	33.504892	-118.286947	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.135200
130	822	32.902652	-117.488361	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.103808
131	877	33.081811	-117.468088	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.080569
132	931	33.277751	-117.661995	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastolobus alascanus	Shortspine thornyhead	0.085981
250	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes entomelas	Widow rockfish	0.000048
251	4637	45.747984	-124.790487	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes entomelas	Widow rockfish	0.000565
417	2933	40.211276	-124.652103	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000170
433	5021	47.004626	-125.029318	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000387
432	4913	46.640999	-124.510800	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000420
431	4803	46.282552	-124.519423	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000249
430	4693	45.924343	-124.527947	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.002919
429	4528	45.387435	-124.540550	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000078
428	4419	45.026603	-124.293472	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000097

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SYS ID	GRID ID	LAT20KM	LONG20KM	FISHERY	SURVEY			DISCARD RATE
					YEARS	SCIENTIFIC NAME	COMMON NAME	
427	4363	44.850960	-124.552938	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000226
426	4308	44.672220	-124.557022	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000049
425	4252	44.496126	-124.814311	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000209
442	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000863
441	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000504
440	5241	47.722956	-125.017809	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000451
439	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000764
438	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000020
437	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000386
436	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000312
435	5077	47.181893	-124.762060	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.001943
434	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.001635
445	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.002601
444	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000726
443	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.001081
420	3867	43.246096	-124.837214	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000559
421	4086	43.962301	-125.075364	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000636
422	4087	43.960217	-124.824236	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000368
424	4197	44.317455	-124.817638	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000099
423	4141	44.140910	-125.072777	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000052
419	3812	43.067628	-124.840414	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.000223
418	3043	40.567969	-124.644960	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes ruberimus	Yelloweye rockfish	0.001814
328	4967	46.823033	-124.769292	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000255
329	5076	47.184098	-125.026466	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000345
330	5131	47.363642	-125.023598	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000099
331	5132	47.361429	-124.758413	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.002320
332	5186	47.543261	-125.020712	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000073
333	5187	47.541040	-124.754744	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.001399
334	5294	47.905599	-125.550035	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000012
335	5295	47.904433	-125.282456	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000894
336	5348	48.086101	-125.817079	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000155
337	5349	48.085467	-125.548694	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000227
338	5350	48.084296	-125.280316	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000255
339	5403	48.266056	-125.816532	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000139
340	5404	48.265420	-125.547344	Limited-Entry Groundfish Fixed Gear	2002-2006	Sebastes flavidus	Yellowtail rockfish	0.000195