

# DRAFT

## 2004 Canary and Lingcod Allocation Options

<b>Canary Rockfish - 50:50</b>			OY=	42
<b>Total Commercial</b>			<b>20.5</b>	
Trawl	59%	12.1		
LE FG	3%	0.6		
OA	12%	2.5		
Tribal	26%	5.3		
<b>Total Recreational</b>			<b>20.5</b>	
WA	6%	1.2		
OR	34%	6.9		
CA	60%	12.4		

<b>Canary Rockfish - 61:39</b>			OY=	46
<b>Total Commercial</b>			<b>27.4</b>	
Trawl	59%	16.2		
LE FG	3%	0.8		
OA	12%	3.3		
Tribal	26%	7.1		
<b>Total Recreational</b>			<b>17.6</b>	
WA	6%	1.1		
OR	34%	5.9		
CA	60%	10.6		

<b>Lingcod - 31:69</b>			OY=	735
<b>Total Commercial</b>			<b>227.9</b>	
Trawl	49%	111.6		
LE FG	12%	27.3		
OA	32%	72.9		
Tribal	7%	15.9		
<b>Total Recreational</b>			<b>507.2</b>	
WA	13%	65.9		
OR	22%	111.6		
CA	65%	329.6		

Table M1.--Scenario: Council OY-1. Management parameters for the Council-approved OY scenario

Period	Shallow line (fm)	Deep line (fm)	Bi-monthly trip limits							
			sablefish	longspine	shortspine	dover	arrowtooth	petrale	otr. flatfish	
<b>N. of 40°10'</b>										
1	75	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	
2	60	150	7,500	10,000	2,000	26,000	999,999	100,000	100,000	
3	60	150	7,500	10,000	2,000	26,000	150,000	100,000	100,000	
4	75	150	7,500	10,000	2,000	26,000	150,000	100,000	100,000	
5	75	150	7,500	10,000	2,000	26,000	150,000	100,000	100,000	
6	75	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	
If small footrope used in period										
1	75	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
2	60	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
3	60	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
4	75	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
5	75	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
6	75	150	3,500	3,000	1,000	15,000	5,000	20,000	50,000	
<b>38°-40°10'</b>										
1	100	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	
2	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
3	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
4	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
5	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
6	100	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	
<b>S. of 38°</b>										
1	75	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	
2	75	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
3	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
4	100	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
5	75	150	7,500	10,000	2,000	26,000	10,000	20,000	100,000	
6	75	150	7,500	10,000	2,000	26,000	999,999	999,999	100,000	

Note: a trip limit of amount of 999,999 represents no limit on the amount of the species that may be landed during that period

Table M2.--Scenario: Council OY-1. Projected catch, landings, and discard of major target species.

	sablefish	longspine	shortspine	dover	arrowtooth	petrale	otr. flatfish
<b>Total catch/mortality (mt)</b>							
N. of 40°10'	2,636	1,225	631	5,008	2,496	1,571	2,611
38°-40°10'	479	288	190	1,334	24	425	1,299
S. of 38°	362	262	120	972	3	105	193
Coastwide	3,477	1,776	942	7,313	2,522	2,102	4,103
<b>Retained catch (mt)</b>							
N. of 40°10'	1,447	993	412	4,306	1,682	1,521	1,615
38°-40°10'	278	234	124	1,156	15	391	804
S. of 38°	249	212	78	840	2	102	120
Coastwide	1,974	1,439	614	6,302	1,699	2,014	2,539
<b>Discard mortality (mt)</b>							
N. of 40°10'	1,189	232	219	701	814	50	996
38°-40°10'	201	55	67	178	9	34	495
S. of 38°	113	50	42	132	1	4	73
Coastwide	1,503	337	328	1,011	823	88	1,564

Table M3.--Scenario: Council OY-1. Projected total bycatch of rebuilding species.

period	lingcod	canary	POP	darkblotched	widow	yelloweye	bocaccio	cowcod
<b>N. of 40°10'</b>								
1	2.4	0.4	21.2	24.2	0.2	0.0	0.0	0.0
2	3.6	0.5	23.3	26.6	0.3	0.0	0.0	0.0
3	10.4	1.1	18.6	21.4	0.4	0.0	0.0	0.0
4	18.4	4.0	22.3	25.0	0.4	0.2	0.0	0.0
5	11.0	2.4	19.6	22.1	0.3	0.1	0.0	0.0
6	2.5	0.5	12.7	14.4	0.1	0.0	0.0	0.0
Total	48.3	8.9	117.7	133.8	1.6	0.3	0.0	0.0
<b>S. of 40°10'</b>								
1	3.3	0.1	0.1	4.8	0.1	0.0	1.3	0.0
2	3.9	0.1	0.1	4.6	0.1	0.0	1.6	0.0
3	7.6	0.3	0.1	4.0	0.1	0.0	8.7	0.2
4	8.1	0.2	0.1	5.4	0.1	0.0	8.0	0.2
5	4.2	0.1	0.1	5.9	0.1	0.0	1.6	0.0
6	3.3	0.1	0.1	6.1	0.1	0.0	1.2	0.0
Total	30.5	0.9	0.3	30.9	0.5	0.1	22.5	0.6
<b>Coastwide</b>								
1	5.6	0.6	21.3	29.1	0.3	0.0	1.3	0.0
2	7.6	0.6	23.3	31.3	0.3	0.0	1.6	0.0
3	18.1	1.4	18.6	25.5	0.4	0.0	8.7	0.2
4	26.5	4.3	22.4	30.4	0.5	0.2	8.0	0.2
5	15.2	2.5	19.7	28.0	0.4	0.1	1.6	0.0
6	5.8	0.6	12.7	20.5	0.2	0.0	1.2	0.0
Total	78.8	9.8	118.0	164.7	2.1	0.4	22.5	0.6

TABLE B-2. Black rockfish allocation and OY options (grey cells are those values that would not accommodate the low end of the range of options for state caps specified for each alternative shown in TABLE B-3).

	Allocation Shares	OY Level				Change from Historic Harvest (2003 Cap)						1994-2003 Average					
		Low	Med	High	Mt	1998			2002			2003 (Cap)			Low	Med	High
		729 mt	775 mt	861 mt		Low	Med	High	Low	Med	High	Low	Med	High			
Oregon	0.63	459	488	542	-166	-137	-83	91	120	174	6	35	89	-55	-26	28	
California	0.37	270	287	319	68	85	117	21	38	70	139	156	188	23	40	72	
Oregon	0.58	423	449	499	-202	-176	-126	55	81	131	-30	-4	46	-92	-65	-15	
California	0.42	306	326	362	104	124	160	57	77	113	175	195	231	60	79	115	
Oregon	0.56	408	434	482	-217	-191	-143	40	66	114	-45	-19	29	-106	-81	-33	
California	0.44	321	341	379	119	139	177	72	92	130	190	210	248	74	95	132	
Oregon	0.49	357	380	422	-268	-246	-203	-11	12	54	-96	-73	-31	-157	-135	-93	
California	0.51	372	395	439	170	193	237	123	147	190	241	264	308	125	149	193	
Oregon	0.65	474	504	560	-151	-122	-66	106	136	192	21	51	107	-41	-11	45	
California	0.35	255	271	301	53	69	99	6	23	53	124	140	170	9	25	55	
<b>Oregon</b>																	
Max Alloc	0.65	474	504	560	-151	-122	-66	106	136	192	21	51	107	-41	-11	45	
Min Alloc	0.49	357	380	422	-268	-246	-203	-11	12	54	-96	-73	-31	111	133	176	
<b>California</b>																	
Max Alloc	0.51	372	395	439	170	193	237	123	147	190	241	264	308	-143	-119	-76	
Min Alloc	0.35	255	271	301	53	69	99	6	23	53	124	140	170	9	25	55	

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Estimated groundfish impacts for selected species under various options for the 2004 Oregon recreational fishery

9/9/03

Option	Estimated Impacts in mt				
	Canary	Yelloweye	Lingcod	Widow	Black rk Other nearshore rk
1. Status quo	9.5	3.9	97.3	2.9	316.2 41.7
2. Closed outside of 50-fathoms in July	9.0	3.8	96.0	2.4	321.4 42.2
3. Closed outside of 40-fathoms June-Sept	6.5	2.8	88.9	0.9	334.9 44.0
4. Closed outside of 40-fathoms except March-May	6.0	2.7	87.5	0.7	337.5 44.5
5. Closed outside of 50-fathoms all year	5.9	3.0	87.7	0.4	346.0 45.4
6. Closed outside of 40-fathoms all year	5.2	2.5	84.5	0.4	346.0 45.4
7. Closed outside of 30-fathoms all year	5.1	2.5	84.5	0.2	346.0 45.4
8. Closed outside of 40-fathoms all year and no yelloweye and canary retention June	5.0	2.5	84.5	0.4	346.0 45.4
9. Closed outside of 40-fathoms all year and no canary retention all year	4.3	2.5	84.5	0.4	346.0 45.4

Note:

- Options arranged in order of reducing canary rk impacts
- Assumes all-depth halibut fishery with non-retention of canary and yelloweye rk
- Estimates are soft and depend on limited onboard observations, uncertain effects of other fisheries (i.e., salmon opportunities for 2004), and angler response to offshore closures
- Other nearshore rk includes blue rk