

# South of Humbug Mountain Workgroup and Policy Group Summary



# Alternatives Analyzed

- Alternative 1. Prohibit retention of Pacific halibut on:
  - a. Both salmon and groundfish trips
  - b. Salmon trips
  - c. Groundfish trips
- Alternative 2. Restrict the days of the week; include at least one weekend day

# Alternatives Analyzed

- Alternative 3. Restrict season dates including the following scenarios
  - a. open May through July and September through October
  - b. open May through July 15 and September through October
  - c. open May through June and August through September
  - d. open May through June and September through October

# Alternatives Analyzed

- Alternative 4. Evaluate and if possible, quantify the catch reductions resulting from new MPAs off the north coast of California that were effective in 2012
- Alternative 5. Examine the potential for harvest reduction of other time and area closures off California

# Alternatives Analyzed

- Alternative 6. Separate the South of Humbug Subarea at the OR/CA Border
  - a. Incorporate the Oregon Portion of the South of Humbug Subarea into the Central Oregon Coast Subarea
  - b. Create a new Southern Oregon Subarea
- Alternative 7. Additional Analysis
  - a. Season length based on expected catch per day (Puget Sound Methodology)

# Average Annual Recreational Landings

Year	SOH Allocation	SOH Landings (net pounds)		
		Oregon	California	Total
<b>2008</b>	7,541	-	13,303	13,303
<b>2009</b>	5,872	48	34,847	34,895
<b>2010</b>	5,007	280	23,936	24,216
<b>2011</b>	5,625	9,648	13,637	23,285
<b>2012</b>	6,056	5,130	25,394	30,524
<b>Average</b>	<b>6,020</b>	<b>3,021</b>	<b>22,223</b>	<b>25,244</b>

# Alternative 1.

Alternatives	Percent Reduction	Predicted Catch Amount (net pounds)		
		Oregon	California	Entire Subarea
<b>1a. No salmon and groundfish</b>	27%	2,297	16,187	18,484
<b>1b. No salmon</b>	19%	2,439	17,988	20,427
<b>1c. No groundfish</b>	8%	2,878	20,423	23,301

# Alternative 2.

- Analysis was attempted
- Neither state produces catch or effort estimates on daily basis
- Results highly uncertain, therefore not presented
- In general, results indicated that catch is slightly higher at the end of the week and on Saturdays
- Other areas have seen effort shifts and “derby” mentality with changes in open days of the week



# Alternative 3.

<b>Month</b>	<b>Alt. 3a. May-July &amp; Sept-Oct</b>	<b>Alt. 3b. May-15 July &amp; Sept-Oct</b>	<b>Alt. 3c. May-June &amp; Aug-Sept</b>	<b>Alt. 3d. May-June &amp; Sept-Oct</b>
<b>May</b>	1,367	1,367	1,367	1,367
<b>June</b>	4,347	4,347	4,347	4,347
<b>July</b>	5,683	2,841		
<b>Aug</b>			10,016	
<b>Sept</b>	3,492	3,492	3,492	3,492
<b>Oct</b>	340	340		340
<b>Total</b>	15,228	12,387	19,221	9,545

# Alternative 4.

Avg. California Catch (net lbs.)	Reductions from MPAs	Expected Catch (net lbs.)
22,223	2.98%	21,561

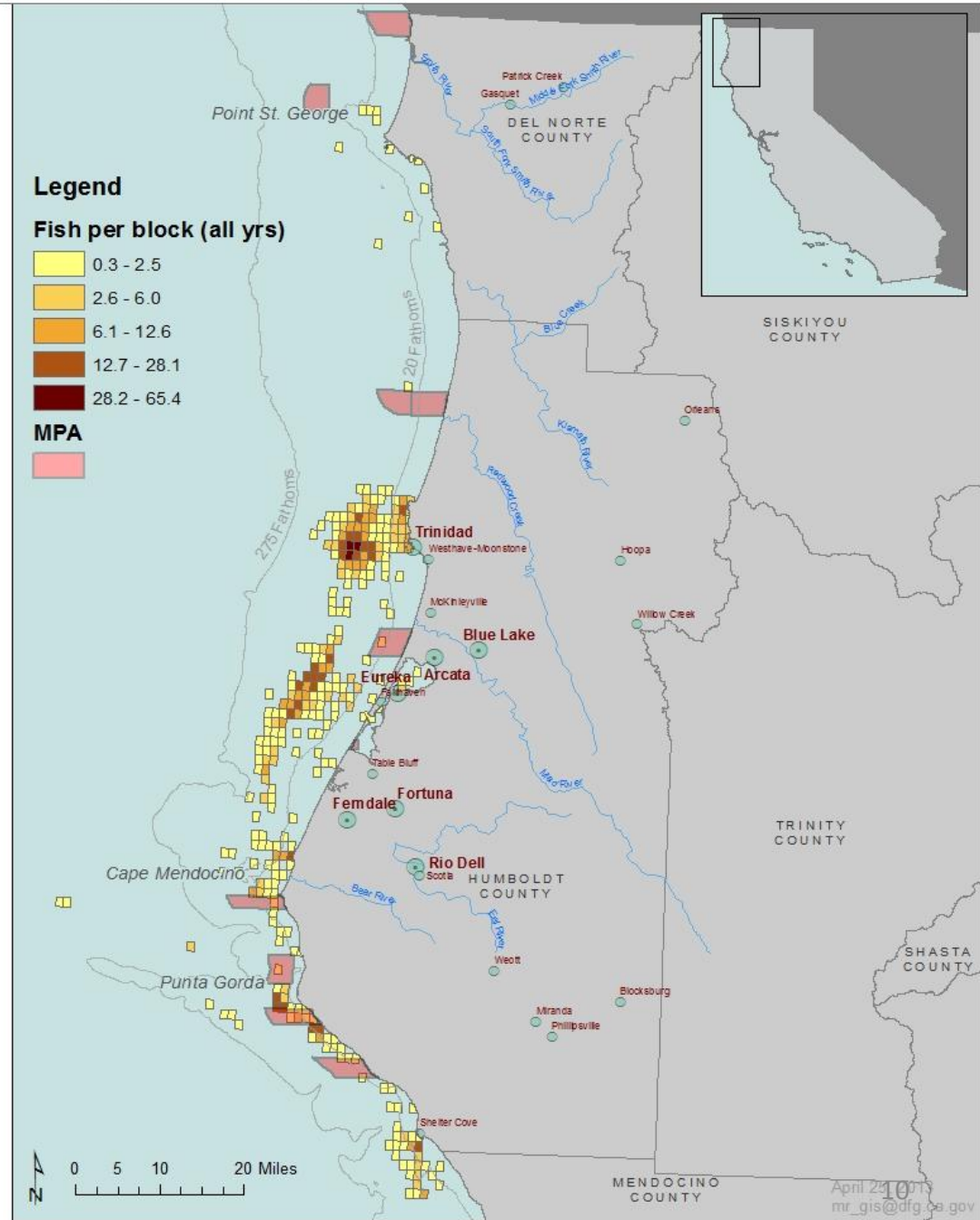


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# Alternative 5.

<b>Month</b>	<b>Alt. 5a. May &amp; Sept- Oct</b>	<b>Alt. 5b. July &amp; Oct</b>	<b>Alt. 5c. May-June &amp; Oct</b>
<b>May</b>	1,367		1,367
<b>June</b>			4,347
<b>July</b>		5,683	
<b>Aug</b>			
<b>Sept</b>	3,492		
<b>Oct</b>	340	340	340
<b>Total</b>	<b>5,199</b>	<b>6,023</b>	<b>6,054</b>

# Alternative 6a.



# Alternative 6b.



# Alternative 7.

Percent Change to Sub-quota	Quota Amount (net pounds)	Days Available to Fishing	
		Entire Subarea	CA Only
+25%	7,579	40	40
+20%	7,276	38	38
+10%	6,669	35	35
+5%	6,366	34	34
<b>Status Quo</b>	<b>6,063</b>	<b>32</b>	<b>32</b>
-5%	6,033	32	32
-10%	5,457	29	29
-15%	5,154	27	27
-20%	4,850	26	26
-25%	4,547	24	24

# Workgroup Conclusions

1. Did not attempt to incorporate or estimate potential changes in angler behavior
2. Expected catch could be reduced by up to 27% if halibut retention prohibited on salmon and bottomfish trips
3. Expected catch could be reduced more when the number of months that the season is open is reduced (Alternatives 3 and 5)
  - a. Significantly shorter seasons than currently available would be necessary

# Workgroup Conclusions

5. Alternative 6 would allow Oregon and California to develop different management approaches for their respective subareas
6. Alternative 7 shows that the season would need to be reduced from 184 days to 32 days to keep catch to recent allocation
7. Did not analyze combining alternatives, but the Council could mix and match

# Policy Group Conclusions

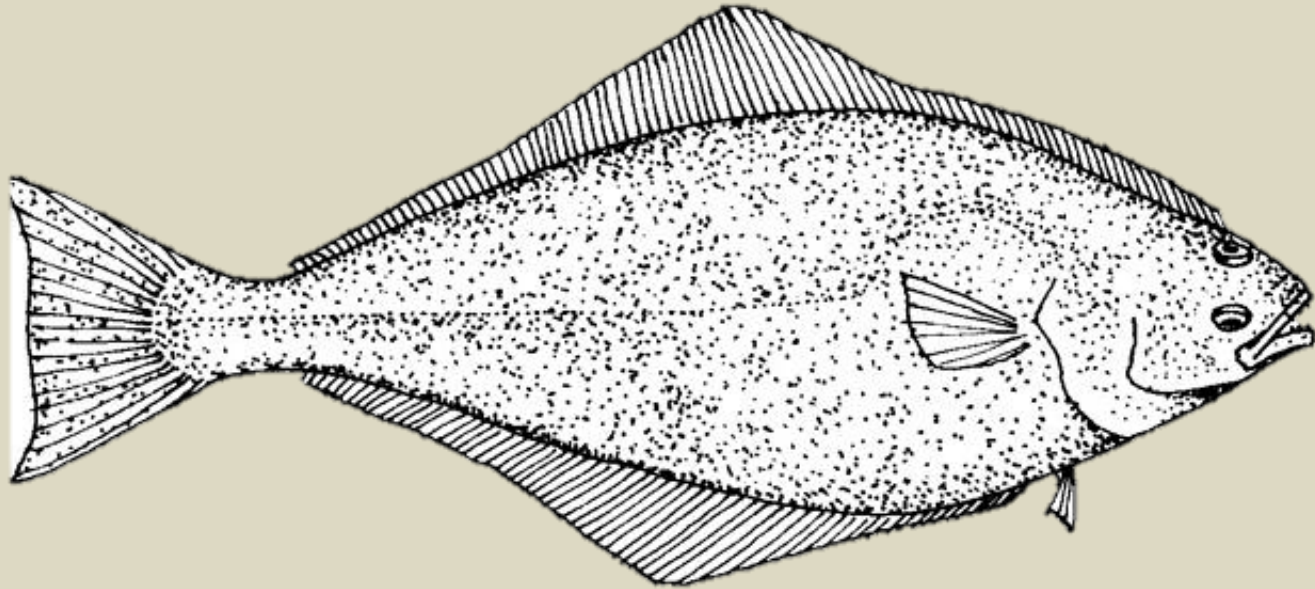
1. For 2014, reduce recreational catch in California by 40-60 % of the 5-year average
2. Take into consideration the uncertainty in the workgroup projections when developing season structure
3. Recommends an adaptive management approach to evaluate and adjust management measures annually
4. Recommends Alternative 6, separate at the OR/CA border



# Policy Group Conclusions

5. Defer to ODFW to recommend the preferred approach for the Oregon (Alternatives 6a vs. 6b) portion of the subarea
6. Recommends a fixed season for the California subarea be established with no expectation for inseason decisions
7. Recommends Council consider alternatives that would restrict the months available in California, based on historical landings
8. Recommends the retention prohibitions also be included as an available management measure

# Questions?



Alternatives		Expected Catch		
		Oregon	California	Entire Subarea
<b>Alternative 1: Prohibit Retention of Salmon or Groundfish</b>	• 1a. Prohibit salmon and groundfish	2,297	16,187	18,484
	• 1b. Prohibit salmon	2,439	17,988	20,427
	• 1c. Prohibit groundfish	2,878	20,423	23,301
<b>Alternative 2: Days of the Week</b>	Insufficient Data for Analysis			
<b>Alternative 3: Season Structure</b>	• 3a. Closed Aug	1,621	13,607	15,228
	• 3b. Closed 15 July-Aug	1,369	11,018	12,387
	• 3c. Closed July & Oct	2,505	16,716	19,221
	• 3d. Closed July & Aug	1,116	8,429	9,545
<b>Alternative 4: MPA Savings</b>	Effective 2012	3,021	21,561	24,582
<b>Alternative 5: Additional Time/Area Closures</b>	• 5a. Closed June-Aug	878	4,321	5,199
	• 5b. Open July & Oct	516	5,507	6,023
	• 5c. Closed July-Sep	422	5,632	6,054
<b>Alternative 6:</b>	Split SOH area at the OR/CA border			
<b>Puget Sound Methodology</b>	Reduce days open from 184 to 24-40			
<b>2013 SOH allocation</b>				<b>6,063</b>
<b>Average 2008-2012 Catch</b>		3,021	22,223	25,224