

SALMON TECHNICAL TEAM

***ANALYSIS  
OF PRELIMINARY  
SALMON MANAGEMENT OPTIONS  
FOR 2008 OCEAN FISHERIES***

Friday  
March 14, 2008

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 1 of 7)			3/14/2008 1:45 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<b>North of Cape Falcon</b>	<b>North of Cape Falcon</b>	<b>North of Cape Falcon</b>	
<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	
<p>1. Overall non-Indian TAC: 45,000 Chinook and 25,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 22,500 Chinook and 4,000 marked coho.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	<p>1. Overall non-Indian TAC: 35,000 Chinook and 25,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 17,500 Chinook and 4,000 marked coho.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	<p>1. Overall non-Indian TAC: 25,000 Chinook and 15,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 12,500 Chinook and 2,400 marked coho.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	
<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>May 1 through earlier of June 30 or 15,000 Chinook quota.</li> </ul> <p>Thursday through Monday. May 1-5 and 8-12 landing and possession limit of 60 Chinook per vessel for each open period north of Leadbetter Point and 40 Chinook south of Leadbetter Point; beginning May 15, a landing and possession limit of 60 Chinook per vessel for each open period north of Leadbetter Point and 30 Chinook south of Leadbetter Point (C.1). All salmon except coho (C.7). Cape Flattery, Mandatory Yelloweye Rockfish Conservation Area, and Columbia Control Zones closed (C.5). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>May 1 through earlier of June 30 or 8,750 Chinook quota.</li> </ul> <p>Thursday through Monday with a landing and possession limit of 50 Chinook per vessel for each open period north of Leadbetter Point and 50 Chinook south of Leadbetter Point (C.1). All salmon except coho (C.7). Cape Flattery, Mandatory Yelloweye Rockfish Conservation Area, and Columbia Control Zones closed (C.5). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>U.S./Canada Border to Leadbetter Point</b></p> <ul style="list-style-type: none"> <li>May 1 through earlier of June 30 or 7,083 Chinook quota.</li> </ul> <p>Friday through Monday with a landing and possession limit of 30 Chinook per vessel for each open period (C.1). All salmon except coho (C.7). Cape Flattery and Mandatory Yelloweye Rockfish Conservation Area Control Zones closed (C.5). See gear restrictions and definitions (C.2, C.3).</p> <p><b>Leadbetter Point to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>May 1 through earlier of June 30 or 1,875 Chinook quota.</li> </ul> <p>Friday through Monday with a landing and possession limit of 30 Chinook per vessel for each open period. All salmon except coho (C.7). Columbia Control Zone closed (C.5). See gear restrictions and definitions (C.2, C.3).</p>	
<p>Oregon State regulations require that fishers south of Cape Falcon, OR intending to fish within this area notify Oregon Department of Fish and Wildlife before transiting the Cape Falcon, OR line (45°46'00" N. lat.) at the following number: 541-867-0300 Ext. 271. Vessels must land and deliver their fish within 24 hours of any closure of this fishery. Under state law, vessels must report their catch on a state fish receiving ticket. Vessels fishing or in possession of salmon while fishing north of Leadbetter Point must land and deliver their fish within the area and north of Leadbetter Point. Vessels fishing or in possession of salmon while fishing south of Leadbetter Point must land and deliver their fish within the area and south of Leadbetter Point, except that Oregon permitted vessels may also land their fish in Garibaldi, Oregon. Oregon State regulations require all fishers landing salmon into Oregon from any fishery between Leadbetter Point, Washington and Cape Falcon, Oregon must notify ODFW within one hour of delivery or prior to transport away from the port of landing by calling 541-867-0300 Ext. 271. Notification shall include vessel name and number, number of salmon by species, port of landing and location of delivery, and estimated time of delivery. Inseason actions may modify harvest guidelines in later fisheries to achieve or prevent exceeding the overall allowable troll harvest impacts (C.8).</p>			

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 2 of 7)			3/14/2008 1:45 PM
A. SEASON OPTION DESCRIPTIONS			
OPTION I	OPTION II	OPTION III	
<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 16 or 7,500 preseason Chinook guideline (C.8) or a 4,000 marked coho quota (C.8.d).</li> </ul> <p>Open July 1-2, then Saturday through Tuesday thereafter. Landing and possession limit of 40 Chinook and 25 coho per vessel per open period north of Leadbetter Point and 20 Chinook and 25 coho south of Leadbetter Point (C.1). All Salmon except no chum retention north of Cape Alava, Washington in August and September (C.7). All coho must have a healed adipose fin clip, except an inseason conference call may occur to consider allowing retention of all legal sized coho, in the area between Leadbetter Point and Cape Falcon, no earlier than September 1 (C.8.d). Gear restricted to plugs six inches or longer. See gear restrictions and definitions (C.2, C.3). Cape Flattery, Mandatory Yelloweye Rockfish Conservation Area, and Columbia Control Zones closed (C.5).</p>	<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>July 5 through earlier of Sept. 16 or 8,750 preseason Chinook guideline (C.8) or a 4,000 marked coho quota. Saturday through Tuesday. Landing and possession limit of 30 Chinook and 30 coho per vessel per open period (C.1). All Salmon except no chum retention north of Cape Alava, Washington in August and September (C.7). All coho must have a healed adipose fin clip. Gear restricted to plugs six inches or longer. See gear restrictions and definitions (C.2, C.3). Mandatory Yelloweye Rockfish Conservation Area, Cape Flattery and Columbia Control Zones closed (C.5).</li> </ul>	<p><b>U.S./Canada Border to Leadbetter Point</b></p> <ul style="list-style-type: none"> <li>July 4 through the earlier of Sept. 15 or 3,542 preseason Chinook guideline (C.8) or a 2,400 marked coho quota shared with the south of Leadbetter Point fishery.</li> </ul> <p>Open Friday through Monday. Landing and possession limit of 30 Chinook and 30 coho per vessel per open period (C.1). All Salmon except no chum retention north of Cape Alava, Washington in August and September (C.7). All coho must have a healed adipose fin clip. Gear restricted to plugs six inches or longer. Mandatory Yelloweye Rockfish Conservation Area, Cape Flattery and Columbia Control Zones closed (C.5).</p>	
		<p><b>Leadbetter Point to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>July 4 through the earlier of Sept. 15 or any remaining Chinook quota from the May-June fishery or (C.8) or a 2,400 marked coho quota shared with the north of Leadbetter Point fishery.</li> </ul> <p>Open Friday through Monday. Landing and possession limit of 30 Chinook and 30 coho per vessel per open period (C.1). All Salmon (C.7). All coho must have a healed adipose fin clip. Gear restricted to plugs six inches or longer. See gear restrictions and definitions (C.2, C.3). Columbia Control Zone closed (C.5)..</p>	
<p>Oregon State regulations require that fishers south of Cape Falcon, OR intending to fish within this area notify Oregon Department of Fish and Wildlife before transiting the Cape Falcon, OR line (45°46'00" N. lat.) at the following number: 541-867-0300 Ext. 271. Vessels must land and deliver their fish within 24 hours of any closure of this fishery. Under state law, vessels must report their catch on a state fish receiving ticket. Vessels fishing or in possession of salmon while fishing north of Leadbetter Point must land and deliver their fish within the area and north of Leadbetter Point. Vessels fishing or in possession of salmon while fishing south of Leadbetter Point must land and deliver their fish within the area and south of Leadbetter Point, except that Oregon permitted vessels may also land their fish in Garibaldi, Oregon. Oregon State regulations require all fishers landing salmon into Oregon from any fishery between Leadbetter Point, Washington and Cape Falcon, Oregon must notify ODFW within one hour of delivery or prior to transport away from the port of landing by calling 541-867-0300 Ext. 271. Notification shall include vessel name and number, number of salmon by species, port of landing and location of delivery, and estimated time of delivery. Inseason actions may modify harvest guidelines in later fisheries to achieve or prevent exceeding the overall allowable troll harvest impacts (C.8)..</p>			

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 3 of 7)			3/14/2008 3:23 PM
A. SEASON OPTION DESCRIPTIONS			
OPTION I	OPTION II	OPTION III	
South of Cape Falcon	South of Cape Falcon	South of Cape Falcon	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
1. Central Valley recreational fishery allocation ____. 2. Klamath River recreational fishery allocation: ____%. 3. Klamath tribal allocation: _____. 4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.	1. Central Valley recreational fisheries prohibit Chinook retention. 2. Klamath River recreational fishery allocation: ____%. 3. Klamath tribal allocation: _____. 4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.	1. Central Valley recreational fisheries prohibit Chinook retention. 2. Klamath River recreational fishery allocation: ____%. 3. Klamath tribal allocation: _____. 4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.	
<b>Cape Falcon to Humbug Mt.</b> <ul style="list-style-type: none"> <li>April 15 through May 31.</li> </ul> All salmon except coho (C.7). Chinook 28 inch total length minimum size (B). All vessels fishing in the area must land their fish in the State of Oregon. See gear restrictions and definitions (C.2, C.3) and Oregon State regulations for a description of special regulations at the mouth of Tillamook Bay.  In 2009, the season will open March 15 for all salmon except coho. This opening could be modified following Council review at its March 2009 meeting.	<b>Cape Falcon to Humbug Mt.</b> <ul style="list-style-type: none"> <li>Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> All salmon must be released in good condition after collection of biological samples.  In 2009, same as Option I	<b>Cape Falcon to Humbug Mt.</b> Closed.  In 2009, same as Option I	
<b>Humbug Mt. to OR/CA Border (Oregon KMZ)</b> <ul style="list-style-type: none"> <li>April 15 through May 31;</li> </ul> All salmon except coho (C.7). Chinook 28 inch total length minimum size limit (B). See gear restrictions and definitions (C.2, C.3). All vessels fishing in the area must land their fish in the State of Oregon. <del>State regulations require fishers intending to transport and deliver their catch to other locations after first landing in one of these ports notify ODFW prior to transport away from the port of landing by calling 541-867-0300 Ext. 271, with vessel name and number, number of salmon by species, location of delivery, and estimated time of delivery.</del>  In 2009, the season will open March 15 for all salmon except coho, with a 28 inch Chinook minimum size limit. This opening could be modified following Council review at its March 2009 meeting.	<b>Humbug Mt. to OR/CA Border (Oregon KMZ)</b> <ul style="list-style-type: none"> <li>Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> All salmon must be released in good condition after collection of biological samples.  In 2009, same as Option I	<b>Humbug Mt. to OR/CA Border (Oregon KMZ)</b> Closed.  In 2009, same as Option I	

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 4 of 7)			3/14/2008 1:45 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<p><b>OR/CA Border to Humboldt South Jetty (California KMZ)</b></p> <ul style="list-style-type: none"> <li>• August 1 through the earlier of August 31 or 3,000 Chinook quota (C.9)</li> </ul> <p>All salmon except coho. Chinook minimum size limit of 27 inches total length (B). All vessels fishing in the area must land their fish in the area; all fish must be offloaded within 24 hours of any closure (C1). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>OR/CA Border to Humboldt South Jetty (California KMZ)</b></p> <ul style="list-style-type: none"> <li>• Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> <p>All salmon must be released in good condition after collection of biological samples.</p>	<p><b>OR/CA Border to Humboldt South Jetty (California KMZ)</b></p> <p>Closed.</p>	
<p><b>Humboldt South Jetty to Horse Mt.</b></p> <p>Closed.</p>	<p><b>Humboldt South Jetty to Horse Mt.</b></p> <p>Closed.</p>	<p><b>Humboldt South Jetty to Horse Mt.</b></p> <p>Closed.</p>	
<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>• August 1 through the earlier of August 31 or 3,000 Chinook quota (C.9)</li> </ul> <p>All salmon except coho. Chinook minimum size limit of 27 inches total length (B). All vessels fishing in the area must land their fish in the area; all fish must be offloaded within 24 hours of any closure (C1). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>• Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> <p>All salmon must be released in good condition after collection of biological samples.</p>	<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <p>Closed.</p>	
<p><b>Pt. Arena to Pigeon Pt. (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• August 1 through the earlier of August 31 or 3,000 Chinook quota (C.9)</li> </ul> <p>All salmon except coho. Chinook minimum size limit of 27 inches total length (B). All vessels fishing in the area must land their fish in the area; all fish must be offloaded within 24 hours of any closure (C1). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>Pt. Arena to Pigeon Pt. (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> <p>All salmon must be released in good condition after collection of biological samples.</p>	<p><b>Pt. Arena to Pigeon Pt. (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	
<p><b>Pigeon Pt. to Pt. Sur (Monterey)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	<p><b>Pigeon Pt. to Pt. Sur (Monterey)</b></p> <ul style="list-style-type: none"> <li>• Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> <p>All salmon must be released in good condition after collection of biological samples.</p>	<p><b>Pigeon Pt. to Pt. Sur (Monterey)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	
<p><b>Pt. Sur to U.S./Mexico Border (Morro Bay)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	<p><b>Pt. Sur to U.S./Mexico Border (Morro Bay)</b></p> <ul style="list-style-type: none"> <li>• Closed except for sufficient impacts to conduct experimental genetic stock identification study May 1 through August 31.</li> </ul> <p>All salmon must be released in good condition after collection of biological samples.</p>	<p><b>Pt. Sur to U.S./Mexico Border (Morro Bay)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	

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<b>B. MINIMUM SIZE (Inches) (See C.1)</b>					
Area (when open)	Chinook		Coho		Pink
	Total Length	Head-off	Total Length	Head-off	
North of Cape Falcon	28.0	21.5	16.0	12.0	None
Cape Falcon to OR/CA Border	28.0	21.5	-	-	None
OR/CA Border to U.S./Mexico Border	27.0	20.5	-	-	None

**C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS**

C.1. Compliance with Minimum Size or Other Special Restrictions: All salmon on board a vessel must meet the minimum size, landing/possession limit, or other special requirements for the area being fished and the area in which they are landed if the area is open. Salmon may be landed in an area that has been closed more than 96 hours only if they meet the minimum size, landing/possession limit, or other special requirements for the area in which they were caught. Salmon may be landed in an area that has been closed less than 96 hours only if they meet the minimum size, landing/possession limit, or other special requirements for the areas in which they were caught and landed.

States may require fish landing/receiving tickets be kept on board the vessel for 90 days after landing to account for all previous salmon landings.

C.2. Gear Restrictions: Salmon may be taken only by hook and line using barbless hooks.

- a. Single point, single shank, barbless hooks are required in all fisheries.
- b. Cape Falcon, Oregon, to the OR/CA border: No more than 4 spreads are allowed per line.
- c. OR/CA border to U.S./Mexico border: No more than 6 lines are allowed per vessel, and barbless circle hooks are required when fishing with bait by any means other than trolling.

C.3. Gear Definitions:

*Trolling defined:* Fishing from a boat or floating device that is making way by means of a source of power, other than drifting by means of the prevailing water current or weather conditions.

*Troll fishing gear defined:* One or more lines that drag hooks behind a moving fishing vessel. In that portion of the fishery management area (FMA) off Oregon and Washington, the line or lines must be affixed to the vessel and must not be intentionally disengaged from the vessel at any time during the fishing operation.

*Spread defined:* A single leader connected to an individual lure or bait.

*Circle hook defined:* A hook with a generally circular shape and a point which turns inward, pointing directly to the shank at a 90° angle.

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 6 of 7)	3/14/2008 1:45 PM
<b>C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)</b>	

- C.4. Transit Through Closed Areas with Salmon on Board: It is unlawful for a vessel to have troll or recreational gear in the water while transiting any area closed to fishing for a certain species of salmon, while possessing that species of salmon; however, fishing for species other than salmon is not prohibited if the area is open for such species, and no salmon are in possession.
- C.5. Control Zone Definitions:
- a. Cape Flattery Control Zone - The area from Cape Flattery (48°23'00" N. lat.) to the northern boundary of the U.S. EEZ; and the area from Cape Flattery south to Cape Alava (48°10'00" N. lat.) and east of 125°05'00" W. long.
  - b. Mandatory Yelloweye Rockfish Conservation Area – The area in Washington Marine Catch Area 3 from 48°00.00' N. lat.; 125°14.00' W. long. to 48°02.00' N. lat.; 125°14.00' W. long. to 48°02.00' N. lat.; 125°16.50' W. long. to 48°00.00' N. lat.; 125°16.50' W. long. and connecting back to 48°00.00' N. lat.; 125°14.00' W. long.
  - c. Columbia Control Zone - An area at the Columbia River mouth, bounded on the west by a line running northeast/southwest between the red lighted Buoy #4 (46°13'35" N. lat., 124°06'50" W. long.) and the green lighted Buoy #7 (46°15'09" N. lat., 124°06'16" W. long.); on the east, by the Buoy #10 line which bears north/south at 357° true from the south jetty at 46°14'00" N. lat., 124°03'07" W. long. to its intersection with the north jetty; on the north, by a line running northeast/southwest between the green lighted Buoy #7 to the tip of the north jetty (46°15'48" N. lat., 124°05'20" W. long.), and then along the north jetty to the point of intersection with the Buoy #10 line; and, on the south, by a line running northeast/southwest between the red lighted Buoy #4 and tip of the south jetty (46°14'03" N. lat., 124°04'05" W. long.), and then along the south jetty to the point of intersection with the Buoy #10 line.
  - d. Bandon High Spot Control Zone - The area west of a line between 43°07'00" N. lat.; 124°37'00" W. long. and 42°40'30" N. lat; 124° 52'0" W. long. extending to the western edge of the exclusive economic zone (EEZ).
  - e. Klamath Control Zone - The ocean area at the Klamath River mouth bounded on the north by 41°38'48" N. lat. (approximately six nautical miles north of the Klamath River mouth); on the west, by 124°23'00" W. long. (approximately 12 nautical miles off shore); and on the south, by 41°26'48" N. lat. (approximately six nautical miles south of the Klamath River mouth).
- C.6. Notification When Unsafe Conditions Prevent Compliance with Regulations: If prevented by unsafe weather conditions or mechanical problems from meeting special management area landing restrictions, vessels must notify the U.S. Coast Guard and receive acknowledgment of such notification prior to leaving the area. This notification shall include the name of the vessel, port where delivery will be made, approximate amount of salmon (by species) on board, and the estimated time of arrival.
- C.7. Incidental Halibut Harvest: During authorized periods, the operator of a vessel that has been issued an incidental halibut harvest license may retain Pacific halibut caught incidentally in Area 2A while trolling for salmon. Halibut retained must be no less than 32 inches in total length, measured from the tip of the lower jaw with the mouth closed to the extreme end of the middle of the tail, and must be landed with the head on. License applications for incidental harvest must be obtained from the International Pacific Halibut Commission (phone: 206-634-1838). Applicants must apply prior to April 1 of each year. Incidental harvest is authorized only during May and June troll seasons and after June 30 if quota remains and if announced on the NMFS hotline (phone: 800-662-9825). ODFW and Washington Department of Fish and Wildlife (WDFW) will monitor landings. If the landings are projected to exceed the 37,707 pound preseason allocation or the total Area 2A non-Indian commercial halibut allocation, NMFS will take inseason action to prohibit retention of halibut in the non-Indian salmon troll fishery.
- Option I*: Beginning May 1, license holders may land no more than one Pacific halibut per each **three** Chinook, except one Pacific halibut may be landed without meeting the ratio requirement, and no more than **35** halibut may be landed per trip. Pacific halibut retained must be no less than 32 inches in total length (with head on).
- Options II and III*: Beginning May 1, license holders may land no more than one Pacific halibut per each **two** Chinook, except one Pacific halibut may be landed without meeting the ratio requirement, and no more than **35** halibut may be landed per trip. Pacific halibut retained must be no less than 32 inches in total length (with head on).

TABLE 1. Commercial troll management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 7 of 7)	3/14/2008 1:45 PM
<b>C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)</b>	

- A "C-shaped" yelloweye rockfish conservation area is an area to be voluntarily avoided for salmon trolling. NMFS and the Council request salmon trollers voluntarily avoid this area in order to protect yelloweye rockfish. The area is defined in the Pacific Council Halibut Catch Sharing Plan in the North Coast subarea (Washington marine area 3), with the following coordinates in the order listed:
- 48°18' N. lat.; 125°18' W. long.;
  - 48°18' N. lat.; 124°59' W. long.;
  - 48°11' N. lat.; 124°59' W. long.;
  - 48°11' N. lat.; 125°11' W. long.;
  - 48°04' N. lat.; 125°11' W. long.;
  - 48°04' N. lat.; 124°59' W. long.;
  - 48°00' N. lat.; 124°59' W. long.;
  - 48°00' N. lat.; 125°18' W. long.;
- and connecting back to 48°18' N. lat.; 125°18' W. long.
- C.8. Inseason Management: In addition to standard inseason actions or modifications already noted under the season description, the following inseason guidance is provided to NMFS:
- a. Chinook remaining from the May through June non-Indian commercial troll harvest guideline north of Cape Falcon may be transferred to the July through September harvest guideline on a fishery impact equivalent basis.
  - b. NMFS may transfer fish between the recreational and commercial fisheries north of Cape Falcon if there is agreement among the areas' representatives on the SAS.
  - c. At the March 2009 meeting, the Council will consider inseason recommendations for special regulations for any experimental fisheries (proposals must meet Council protocol and be received in November 2008).
  - d. If retention of unmarked coho is permitted in the area from the U.S./Canada border to Cape Falcon, Oregon, by inseason action, the allowable coho quota will be adjusted to ensure preseason projected mortality of critical stocks is not exceeded.
- C.9. Consistent with Council management objectives:
- a. the State of Oregon may establish additional late-season fisheries in state waters.
  - b. the State of California may establish limited fisheries in selected state waters.
- Check state regulations for details.
- C.10. For the purposes of California Department of Fish and Game (CDFG) Code, Section 8232.5, the definition of the KMZ for the ocean salmon season shall be that area from Humbug Mt., Oregon, to Horse Mt., California.



TABLE 2. Recreational management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 1 of 8)			3/14/2008 1:53 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
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<b>North of Cape Falcon</b>	<b>North of Cape Falcon</b>	<b>North of Cape Falcon</b>	
<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	
<p>1. Overall non-Indian TAC: 45,000 Chinook and 25,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 22,500 Chinook and 21,000 marked coho; all retained coho must be marked.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. No Area 4B add-on fishery.</p> <p>5. Buoy 10 fishery opens Aug. 1 with an expected landed catch of 3,500 marked coho in August and September.</p> <p>6. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	<p>1. Overall non-Indian TAC: 35,000 Chinook and 25,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 17,500 Chinook and 21,000 marked coho; all retained coho must be marked.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. Area 4B add-on fishery of 5,000 marked coho.</p> <p>5. Buoy 10 fishery opens Aug. 1 with an expected landed catch of 4,000 marked coho in August and September.</p> <p>6. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	<p>1. Overall non-Indian TAC: 25,000 Chinook and 15,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 12,500 Chinook and 12,600 marked coho; all retained coho must be marked.</p> <p>3. Trade: May be considered at the April Council meeting</p> <p>4. No Area 4B add-on fishery.</p> <p>5. Buoy 10 fishery opens Aug. 1 with an expected landed catch of 4,500 marked coho in August and September.</p> <p>6. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries.</p>	
<p><b>U.S./Canada Border to Leadbetter Point</b></p> <ul style="list-style-type: none"> <li>May 24 through earlier of June 30 or a quota of 6,000 Chinook (C.5).</li> </ul> <p>Seven days per week except Sunday through Thursday in the Westport subarea. All salmon except coho, one fish per day. Chinook 24-inch total length minimum size limit (B). See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>May 25 through earlier of June 15 or a quota of 3,500 Chinook (C.5).</li> </ul> <p>Seven days per week. All salmon except coho, one fish per day. Chinook 24-inch total length minimum size limit (B). See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>		
<p><b>Leadbetter Point to Cape Falcon (Columbia River Subarea)</b></p> <ul style="list-style-type: none"> <li>May 24 through earlier of June 28 or a subarea guideline of 5,900 Chinook (C.5).</li> </ul> <p>Seven days per week. All salmon except coho, one fish per day. Chinook 24-inch total length minimum size limit (B). See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>			

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 2 of 8)			3/14/2008 1:53 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<p><b>U.S./Canada Border to Cape Alava (Neah Bay)</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 13 or 2,180 marked coho subarea quota with a subarea guideline of 1,550 Chinook (C.5).</li> </ul> <p>Tuesday through Saturday. All salmon, except no chum retention August 1 through Sept. 13; two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Beginning August 1, Chinook non-retention east of the Bonilla-Tatoosh line (C.4.a) during Council managed ocean fishery. Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>U.S./Canada Border to Cape Alava (Neah Bay)</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 13 or 1,260 marked coho subarea quota with a subarea guideline of 1,500 Chinook (C.5).</li> </ul> <p>Tuesday through Saturday. All salmon, except no chum retention August 1 through Sept. 13; two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Beginning August 1, Chinook non-retention east of the Bonilla-Tatoosh line (C.4.d) during Council managed ocean fishery. Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>U.S./Canada Border to Cape Alava (Neah Bay)</b></p> <ul style="list-style-type: none"> <li>July 8 through earlier of September 13 or 1,310 marked coho subarea quota with a subarea guideline of 1,350 Chinook (C.5).</li> </ul> <p>Tuesday through Saturday. All salmon, except no chum retention August 1 through Sept. 13; two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Beginning August 1, Chinook non-retention east of the Bonilla-Tatoosh line (C.4.a) during Council managed ocean fishery. Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	
<p><b>Cape Alava to Queets River (La Push Subarea)</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 13 or 500 marked coho subarea quota with a subarea guideline of 650 Chinook (C5).</li> <li>September 20 through earlier of October 5 or 50 marked coho quota or 100 Chinook quota (C5): In the area north of 47°50'00 N. lat. and south of 48°00'00" N. lat. (C.6).</li> </ul> <p>Tuesday through Saturday through September 13. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Cape Alava to Queets River (La Push Subarea)</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 13 or 560 marked coho subarea quota with a subarea guideline of 600 Chinook (C5).</li> <li>September 20 through earlier of October 5 or 50 marked coho quota or 100 Chinook quota (C5): In the area north of 47°50'00 N. lat. and south of 48°00'00" N. lat. (C.6).</li> </ul> <p>Tuesday through Saturday through September 13. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Cape Alava to Queets River (La Push Subarea)</b></p> <ul style="list-style-type: none"> <li>July 8 through earlier of September 13 or 290 marked coho subarea quota with a subarea guideline of 550 Chinook (C5).</li> <li>September 20 through earlier of October 5 or 50 marked coho quota or 100 Chinook quota (C5): In the area north of 47°50'00 N. lat. and south of 48°00'00" N. lat. (C.6).</li> </ul> <p>Tuesday through Saturday through September 13. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions (C.2). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	
<p><b>Queets River to Leadbetter Point (Westport Subarea)</b></p> <ul style="list-style-type: none"> <li>July 1 through earlier of September 13 or 7,770 marked coho subarea quota with a subarea guideline of 8,300 Chinook (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Grays Harbor Control Zone closed beginning August 1 (C.4.b). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Queets River to Leadbetter Point (Westport Subarea)</b></p> <ul style="list-style-type: none"> <li>June 16 through earlier of September 13 or 8,640 marked coho subarea quota with a subarea guideline of 8,100 Chinook (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Grays Harbor Control Zone closed beginning August 1 (C.4.b). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Queets River to Leadbetter Point (Westport Subarea)</b></p> <ul style="list-style-type: none"> <li>May 25 through earlier of September 13 or 4,650 marked coho subarea quota with a subarea guideline of 7,200 Chinook (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Grays Harbor Control Zone closed beginning August 1 (C.4.b). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 2 of 8)		3/14/2008 1:53 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>		
OPTION I	OPTION II	OPTION III
<p><b>Leadbetter Point to Cape Falcon (Columbia River Subarea)</b></p> <ul style="list-style-type: none"> <li>June 29 through earlier of September 30 or 10,500 marked coho subarea quota with any remainder of the 5,900 Chinook subarea guideline from the May-June Chinook directed fishery (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Columbia Control Zone closed (C.4.c). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Leadbetter Point to Cape Falcon (Columbia River Subarea)</b></p> <ul style="list-style-type: none"> <li>June 29 through earlier of September 30 or 10,500 marked coho subarea quota with a subarea guideline of 3,700 Chinook (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Columbia Control Zone closed (C.4.a). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>	<p><b>Leadbetter Point to Cape Falcon (Columbia River Subarea)</b></p> <ul style="list-style-type: none"> <li>July 13 through earlier of September 30 or 6,300 marked coho subarea quota with a subarea guideline of 3,300 Chinook (C.5).</li> </ul> <p>Sunday through Thursday. All salmon, two fish per day. Chinook 24-inch total length minimum size limit (B). All retained coho must be marked. See gear restrictions and definitions (C.2, C.3). Columbia Control Zone closed (C.4.a). Inseason management may be used to sustain season length and keep harvest within the overall Chinook recreational TAC for north of Cape Falcon (C.5).</p>

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 3 of 8)			3/14/2008 3:35 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<b>South of Cape Falcon</b>	<b>South of Cape Falcon</b>	<b>South of Cape Falcon</b>	
<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	
<p>1. Central Valley recreational fishery allocation: ____.</p> <p>2. Klamath River recreational fishery allocation: ____%.</p> <p>3. Klamath tribal allocation: ____.</p> <p>4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.</p> <p>5. All retained coho must be marked with a healed adipose fin clip (marked).</p>	<p>1. Central Valley recreational fisheries prohibit Chinook retention.</p> <p>2. Klamath River recreational fishery allocation: ____%.</p> <p>3. Klamath tribal allocation: ____.</p> <p>4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.</p> <p>5. All retained coho must be marked with a healed adipose fin clip (marked).</p>	<p>1. Central Valley recreational fisheries prohibit Chinook retention.</p> <p>2. Klamath River recreational fishery allocation: ____%.</p> <p>3. Klamath tribal allocation: ____.</p> <p>4. Fisheries may need to be adjusted to meet NMFS ESA consultation standards, FMP requirements, other management objectives, or upon receipt of new allocation recommendations from the California Fish and Game Commission.</p> <p>5. All retained coho must be marked with a healed adipose fin clip (marked).</p>	
<p><b>Cape Falcon to Humbug Mt.</b></p> <ul style="list-style-type: none"> <li>• April 15 through June 15 (C.6). Seven days per week. All salmon except coho; one fish per day (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3). Fishing in the Stonewall Bank groundfish conservation area restricted to trolling only on days the all depth recreational halibut fishery is open (see 70 FR 20304, and call the halibut fishing hotline 1-800-662-9825 for additional dates)</li> </ul> <p>In 2009, the season will open March 15 for all salmon except coho, two fish per day (C.1). Chinook minimum size limit of 24 inches total length (B); and the same gear restrictions as in 2008 (C.2, C.3).</p>	<p><b>Cape Falcon to Humbug Mt.</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I</p>	<p><b>Cape Falcon to Humbug Mt.</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I.</p>	
<p><b>Cape Falcon to OR/CA Border</b></p> <ul style="list-style-type: none"> <li>• June 22 through earlier of August 31 or a landed catch of 10,000 marked coho.</li> </ul> <p>Seven days per week. Except as provided below in the Humbug Mt. to OR/CA border fishery for July 4-6 and August 28-31, all salmon except Chinook, two fish per day, (C.1). All retained coho must be marked with a healed adipose fin clip. Fishing in the Stonewall Bank groundfish conservation area restricted to trolling only on days the all depth recreational halibut fishery is open (see 70 FR 20304, and call the halibut fishing hotline 1-800-662-9825 for additional dates) (C.3, C.4.d). Open days may be adjusted inseason to utilize the available quota (C.5).</p>	<p><b>Cape Falcon to Humbug Mt.</b></p> <ul style="list-style-type: none"> <li>• June 22 through earlier of August 31 or a landed catch of 6,000 marked coho.</li> </ul> <p>Four days per week, no more than one weekend day. All salmon except Chinook, two fish per day (C.1). All retained coho must be marked with a healed adipose fin clip. Fishing in the Stonewall Bank groundfish conservation area restricted to trolling only on days the all depth recreational halibut fishery is open (see 70 FR 20304, and call the halibut fishing hotline 1-800-662-9825 for additional dates) (C.3, C.4.d). Open days may be adjusted inseason to utilize the available quota (C.5).</p>	<p><b>Cape Falcon to OR/CA Border</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 4 of 8)			3/14/2008 1:53 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<p><b>Humbug Mt. to OR/CA Border. (Oregon KMZ)</b></p> <ul style="list-style-type: none"> <li>• May 24-26; July 4-6; August 28-31 (C.6).</li> </ul> <p>Except as provided above in the selective coho fishery, all salmon except coho. <u>One fish per day in May. Two fish per day, no more than one of which may be a Chinook in July and August.</u> (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p> <p>In 2009, the season will open March 15 for all salmon except coho, two fish per day (C.1). Chinook minimum size limit of 24 inches total length (B); and the same gear restrictions as in 2008 (C.2, C.3).</p>	<p><b>Humbug Mt. to OR/CA Border. (Oregon KMZ)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I</p>	<p><b>Humbug Mt. to OR/CA Border. (Oregon KMZ)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I</p>	
<p><b>OR/CA Border to Horse Mt. (California KMZ)</b></p> <ul style="list-style-type: none"> <li>• May 24-26; July 4-6; August 28-31 (C.6).</li> </ul> <p>All salmon except coho. <u>Two fish per day</u> (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p>	<p><b>OR/CA Border to Horse Mt. (California KMZ)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	<p><b>OR/CA Border to Horse Mt. (California KMZ)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	
<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>• May 24-26; July 4-6; August 28-31 (C.6).</li> </ul> <p>All salmon except coho. <u>Two fish per day</u> (C.1). Chinook minimum size limit of 20 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p> <p>In 2009, season opens February 14 (nearest Saturday to February 15) for all salmon except coho, two fish per day (C.1). Chinook minimum size limit of 20 inches total length (B); and the same gear restrictions as in 2008 (C.2, C.3).</p>	<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option 1.</p>	<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	
<p><b>Point Arena to Pigeon Point (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• May 24-26; July 4-6; August 28-31 (C.6).</li> </ul> <p>All salmon except coho. <u>Two fish per day</u> (C.1). Chinook minimum size limit of 20 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p> <p>In 2009, the season will open April 4 for all salmon except coho, two fish per day (C.1). Chinook minimum size limit of 20 inches total length (B); and the same gear restrictions as in 2007 (C.2, C.3).</p>	<p><b>Point Arena to Pigeon Point (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I</p>	<p><b>Point Arena to Pigeon Point (San Francisco)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 5 of 8)			3/14/2008 1:53 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<p><b>Pigeon Point to U.S./Mexico Border (Monterey South)</b></p> <ul style="list-style-type: none"> <li>• May 18-26 (C.6).</li> </ul> <p>All salmon except coho. Two fish per day (C.1). Chinook minimum size limit of 20 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p> <p>In 2009, the season will open April 4 for all salmon except coho, two fish per day (C.1). Chinook minimum size limit of 20 inches total length (B); and the same gear restrictions as in 2007 (C.2, C.3).</p>	<p><b>Pigeon Point to U.S./Mexico Border (Monterey)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul> <p>In 2009, same as Option I.</p>	<p><b>Pigeon Point to U.S./Mexico Border (Monterey)</b></p> <ul style="list-style-type: none"> <li>• Closed.</li> </ul>	

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 7 of 8)	3/14/2008 1:53 PM
<b>B. MINIMUM SIZE (Inches) (See C.1)</b>	

Area (when open)	Chinook	Coho	Pink
North of Cape Falcon	24.0	16.0	None
Cape Falcon to OR/CA Border	24.0	16.0	None
OR/CA Border to Horse Mountain	24.0	-	20.0
Horse Mt. to U.S./Mexico Border	20.0	-	20.0

**C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS**

C.1. Compliance with Minimum Size and Other Special Restrictions: All salmon on board a vessel must meet the minimum size or other special requirements for the area being fished and the area in which they are landed if that area is open. Salmon may be landed in an area that is closed only if they meet the minimum size or other special requirements for the area in which they were caught.

*Ocean Boat Limits*: Off the coast of Washington, Oregon, and California, each fisher aboard a vessel may continue to use angling gear until the combined daily limits of salmon for all licensed and juvenile anglers aboard has been attained (additional state restrictions may apply).

C.2. Gear Restrictions: Salmon may be taken only by hook and line using barbless hooks. All persons fishing for salmon, and all persons fishing from a boat with salmon on board, must meet the gear restrictions listed below for specific areas or seasons.

- a. U.S./Canada Border to Point Conception, California: No more than one rod may be used per angler; and no more than two single point, single shank barbless hooks are required for all fishing gear. [Note: ODFW regulations in the state-water fishery off Tillamook Bay may allow the use of barbed hooks to be consistent with inside regulations.]
- b. Cape Falcon, Oregon, to Point Conception, California: Anglers must use no more than two single point, single shank, barbless hooks.
- c. Horse Mt., California, to Point Conception, California: Single point, single shank, barbless circle hooks (below) are required when fishing with bait by any means other than trolling, and no more than two such hooks shall be used. When angling with two hooks, the distance between the hooks must not exceed five inches when measured from the top of the eye of the top hook to the inner base of the curve of the lower hook, and both hooks must be permanently tied in place (hard tied). Circle hooks are not required when artificial lures are used without bait.

C.3. Gear Definitions:

- a. *Recreational fishing gear defined*: Angling tackle consisting of a line with no more than one artificial lure or natural bait attached. Off Oregon and Washington, the line must be attached to a rod and reel held by hand or closely attended; the rod and reel must be held by hand while playing a hooked fish. No person may use more than one rod and line while fishing off Oregon or Washington. Off California, the line must be attached to a rod and reel held by hand or closely attended. Weights directly attached to a line may not exceed four pounds (1.8 kg). While fishing off California north of Point Conception, no person fishing for salmon, and no person fishing from a boat with salmon on board, may use more than one rod and line. Fishing includes any activity which can reasonably be expected to result in the catching, taking, or harvesting of fish.
- b. *Trolling defined*: Angling from a boat or floating device that is making way by means of a source of power, other than drifting by means of the prevailing water current or weather conditions.
- c. *Circle hook defined*: A hook with a generally circular shape and a point which turns inward, pointing directly to the shank at a 90° angle.

TABLE 2. <b>Recreational</b> management options analyzed by the STT for non-Indian ocean salmon fisheries, 2008. (Page 8 of 8)	3/14/2008 1:53 PM
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<b>B. MINIMUM SIZE (Inches) (See C.1)</b>
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**C.4. Control Zone Definitions:**

- a. *The Bonilla-Tatoosh Line:* A line running from the western end of Cape Flattery to Tatoosh Island Lighthouse (48°23'30" N. lat., 124°44'12" W. long.) to the buoy adjacent to Duntze Rock (48°28'00" N. lat., 124°45'00" W. long.), then in a straight line to Bonilla Point (48°35'30" N. lat., 124°43'00" W. long.) on Vancouver Island, British Columbia.
- b. *Grays Harbor Control Zone* - The area defined by a line drawn from the Westport Lighthouse (46° 53'18" N. lat., 124° 07'01" W. long.) to Buoy #2 (46° 52'42" N. lat., 124°12'42" W. long.) to Buoy #3 (46° 55'00" N. lat., 124°14'48" W. long.) to the Grays Harbor north jetty (46° 36'00" N. lat., 124°10'51" W. long.).
- c. *Columbia Control Zone:* An area at the Columbia River mouth, bounded on the west by a line running northeast/southwest between the red lighted Buoy #4 (46°13'35" N. lat., 124°06'50" W. long.) and the green lighted Buoy #7 (46°15'09" N. lat., 124°06'16" W. long.); on the east, by the Buoy #10 line which bears north/south at 357° true from the south jetty at 46°14'00" N. lat., 124°03'07" W. long. to its intersection with the north jetty; on the north, by a line running northeast/southwest between the green lighted Buoy #7 to the tip of the north jetty (46°15'48" N. lat., 124°05'20" W. long. and then along the north jetty to the point of intersection with the Buoy #10 line; and on the south, by a line running northeast/southwest between the red lighted Buoy #4 and tip of the south jetty (46°14'03" N. lat., 124°04'05" W. long.), and then along the south jetty to the point of intersection with the Buoy #10 line.
- d. *Stonewall Bank Groundfish Conservation Area:* The area defined by the following coordinates in the order listed:  
 44°37.46' N. lat.; 124°24.92' W. long.;  
 44°37.46' N. lat.; 124°23.63' W. long.;  
 44°28.71' N. lat.; 124°21.80' W. long.;  
 44°28.71' N. lat.; 124°24.10' W. long.;  
 44°31.42' N. lat.; 124°25.47' W. long.;  
 and connecting back to 44°37.46' N. lat.; 124°24.92' W. long.
- e. *Klamath Control Zone:* The ocean area at the Klamath River mouth bounded on the north by 41°38'48" N. lat. (approximately six nautical miles north of the Klamath River mouth); on the west, by 124°23'00" W. long. (approximately 12 nautical miles off shore); and, on the south, by 41°26'48" N. lat. (approximately 6 nautical miles south of the Klamath River mouth).

**C.5. Inseason Management:** Regulatory modifications may become necessary inseason to meet preseason management objectives such as quotas, harvest guidelines, and season duration. In addition to standard inseason actions or modifications already noted under the season description, the following inseason guidance is provided to NMFS:

- a. Actions could include modifications to bag limits, or days open to fishing, and extensions or reductions in areas open to fishing.
- b. Coho may be transferred inseason among recreational subareas north of Cape Falcon on an impact neutral basis to help meet the recreational season duration objectives (for each subarea) after conferring with representatives of the affected ports and the Council's SAS recreational representatives north of Cape Falcon.
- c. Chinook and coho may be transferred between the recreational and commercial fisheries north of Cape Falcon on an impact neutral basis if there is agreement among the representatives of the SAS.
- d. If retention of unmarked coho is permitted in the area from the U.S./Canada border to Cape Falcon, Oregon, by inseason action, the allowable coho quota will be adjusted to ensure preseason projected mortality of critical stocks is not exceeded.
- e. Chinook remaining from the May through June recreational quota north of Leadbetter Point may be transferred to the July through September harvest overall North of Cape Falcon quota on a fishery impact equivalent basis.

**C.6. Additional Seasons in State Territorial Waters:** Consistent with Council management objectives, the States of Washington and Oregon, and California may establish limited seasons in state waters. Oregon State-water fisheries are limited to Chinook salmon. Check state regulations for details.



TABLE 3. Management Options analyzed by the STT for 2008 Treaty Indian ocean troll fisheries. (Page 1 of 2)			3/14/2008 1:54 PM
<b>A. SEASON OPTION DESCRIPTIONS</b>			
OPTION I	OPTION II	OPTION III	
<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	<b>Supplemental Management Information</b>	
<p>1. Overall Treaty-Indian TAC: 40,000 Chinook and 25,000 coho.</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries</p>	<p>1. Overall Treaty-Indian TAC: 35,000 Chinook and 20,000 coho.</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries</p>	<p>1. Overall Treaty-Indian TAC: 20,000 Chinook and 15,000 coho.</p> <p>4. Overall Chinook and/or coho TACs may need to be reduced or fisheries adjusted to meet NMFS ESA guidance, FMP requirements, upon conclusion of negotiations in the North of Falcon forum, or upon receipt of preseason catch and abundance expectations for Canadian and Alaskan fisheries</p>	
<ul style="list-style-type: none"> <li>• May 1 through the earlier of June 30 or 22,500 Chinook quota.</li> </ul> <p>All salmon except coho. If the Chinook quota for the May-June fishery is not fully utilized, the excess fish cannot be transferred into the later all-salmon season. If the Chinook quota is exceeded, the excess will be deducted from the later all-salmon season. See size limit (B) and other restrictions (C).</p> <ul style="list-style-type: none"> <li>• July 1 through the earlier of September 15, or 17,500 preseason Chinook quota, or 25,000 coho quota (C.5).</li> </ul> <p>All Salmon. See size limit (B) and other restrictions (C).</p>	<ul style="list-style-type: none"> <li>• May 1 through the earlier of June 30 or 17,500 Chinook quota.</li> </ul> <p>All salmon except coho. If the Chinook quota for the May-June fishery is not fully utilized, the excess fish cannot be transferred into the later all-salmon season. If the Chinook quota is exceeded, the excess will be deducted from the later all-salmon season. See size limit (B) and other restrictions (C).</p> <ul style="list-style-type: none"> <li>• July 1 through the earlier of September 15, or 17,500 preseason Chinook quota, or 20,000 coho quota.</li> </ul> <p>All salmon. See size limit (B) and other restrictions (C).</p>	<ul style="list-style-type: none"> <li>• May 1 through the earlier of June 30 or 10,000 Chinook quota.</li> </ul> <p>All salmon except coho. If the Chinook quota for the May-June fishery is not fully utilized, the excess fish cannot be transferred into the later all-salmon season. If the Chinook quota is exceeded, the excess will be deducted from the later all-salmon season. See size limit (B) and other restrictions (C).</p> <ul style="list-style-type: none"> <li>• July 1 through the earlier of September 15, or 10,000 preseason Chinook quota, or 15,000 coho quota.</li> </ul> <p>All salmon. See size limit (B) and other restrictions (C).</p>	

TABLE 3. Management Options analyzed by the STT for 2008 Treaty Indian ocean troll fisheries. (Page 2 of 2)	3/14/2008 1:54 PM
<b>B. MINIMUM SIZE (Inches)</b>	

Area (when open)	Chinook		Coho		Pink
	Total Length	Head-off	Total Length	Head-off	
North of Cape Falcon	24.0 (61.0 cm)	18.0 (45.7 cm)	16.0 (40.6 cm)	12.0 (30.5 cm)	None

**C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS**

- C.1. Tribe and Area Boundaries. All boundaries may be changed to include such other areas as may hereafter be authorized by a Federal court for that tribe's treaty fishery.
- S'KLALLAM - Washington State Statistical Area 4B (All).
  - MAKAH - Washington State Statistical Area 4B and that portion of the FMA north of 48°02'15" N. lat. (Norwegian Memorial) and east of 125°44'00" W. long.
  - QUILEUTE - That portion of the FMA between 48°07'36" N. lat. (Sand Pt.) and 47°31'42" N. lat. (Queets River) and east of 125°44'00" W. long.
  - HOH - That portion of the FMA between 47°54'18" N. lat. (Quillayute River) and 47°21'00" N. lat. (Quinault River) and east of 125°44'00" W. long.
  - QUINAULT - That portion of the FMA between 47°40'06" N. lat. (Destruction Island) and 46°53'18"N. lat. (Point Chehalis) and east of 125°44'00" W. long.
- C.2. Gear restrictions
- a. Single point, single shank, barbless hooks are required in all fisheries.
  - b. No more than 8 fixed lines per boat.
  - c. No more than four hand held lines per person in the Makah area fishery (Washington State Statistical Area 4B and that portion of the FMA north of 48°02'15" N. lat. (Norwegian Memorial) and east of 125°44'00" W. long.)
- C.3. Quotas
- a. The quotas include troll catches by the S'Klallam and Makah tribes in Washington State Statistical Area 4B from May 1 through September 15.
  - b. The Quileute Tribe will continue a ceremonial and subsistence fishery during the time frame of September 15 through October 15 in the same manner as in 2004, 2005, and 2006. Fish taken during this fishery are to be counted against treaty troll quotas established for the 2007 season (estimated harvest during the October ceremonial and subsistence fishery: 100 Chinook; 200 coho).
- C.4. Area Closures
- a. The area within a six nautical mile radius of the mouths of the Queets River (47°31'42" N. lat.) and the Hoh River (47°45'12" N. lat.) will be closed to commercial fishing.
  - b. A closure within two nautical miles of the mouth of the Quinault River (47°21'00" N. lat.) may be enacted by the Quinault Nation and/or the State of Washington and will not adversely affect the Secretary of Commerce's management regime.
- C.5. Inseason Management: In addition to standard inseason actions or modifications already noted under the season description, the following inseason guidance is provided to NMFS:
- a.

TABLE 5. Projected key stock escapements (thousands of fish) or management criteria for 2008 ocean fishery options analyzed by the STT.<sup>ai</sup> (Page 1 of 3)

Key Stock/Criteria	Projected Ocean Escapement <sup>br</sup> or other Criteria (Council Area impacts in parens)			Spawner Objective or Other Comparative Standard as Noted
	Option I	Option II	Option III	
<b>CHINOOK</b>				
Columbia Upriver Brights	162.9	163.1	163.5	57.3 Minimum ocean escapement to attain 46.0 adults over McNary Dam, with normal distribution and no mainstem harvest.
Mid-Columbia Brights	54.1	54.2	54.3	16.6 Minimum ocean escapement to attain 5.75 adults for Bonneville Hatchery and 2.0 for Little White Salmon Hatchery egg-take, assuming average conversion and no mainstem harvest.
Columbia Lower River Hatchery Tules	55.0	56.4	596.1	31.1 Minimum ocean escapement to attain 14.1 adults for hatchery egg-take, with average conversion and no lower river mainstem or tributary harvest.
Columbia Lower River Natural Tules <sup>cl</sup> (threatened)	36.4%	34.7%	31.9%	≤ 41.0% ESA guidance met by a total adult equivalent fishery exploitation rate on Coweeman tules (NMFS ESA consultation standard).
Columbia Lower River Wild (threatened)	<b>3.8</b>	<b>3.8</b>	<b>3.8</b>	5.7 MSY spawner goal for North Lewis River fall chinook (NMFS ESA consultation standard).
Spring Creek Hatchery Tules	85.0	88.4	94.1	11.1 Minimum ocean escapement to attain 7.0 adults for Spring Creek Hatchery egg-take, assuming average conversion and no mainstem harvest.
Snake River Fall (threatened) SRFI	60.4%	57.4%	50.8%	≤ 70.0% Of 1988-1993 base period exploitation rate for all ocean fisheries (NMFS ESA consultation standard).
Klamath River Fall	40.7	40.7	40.7 <sup>hl</sup>	40.7 Minimum number of adult spawners to natural spawning areas. 2008 Council guidance.
Federally recognized tribal harvest	50.0%	50.0%	50.0%	50.0% Equals 27.4, 26.4, and 27.1 (thousand) adult fish for Yurok and Hoopa tribal fisheries.
Spawner Reduction Rate	47.1%	47.1%	47.1%	≤ 66.7% Equals 38.8, 35.8, and 33.8 (thousand) fewer adult spawners due to fishing.
Adult river mouth return	111.2	114.2	115.6	NA
Age 4 ocean harvest rate	5.3%	2.4%	2.4%	≤ 16.0% NMFS ESA consultation standard for threatened California coastal chinook.
KMZ sport fishery share	17.0%	13.4%	13.4%	17.0% 2007 Council guidance.
CA:OR troll fishery share	70:30	88:12	88:12	50:50 2006 KFMC recommendation, no guidance for 2008.
River recreational fishery share	65.5%	82.9%	83.3%	≥ 15% 2008 Council Guidance. Equals 17.9, 21.9, and 22.6 (thousand) adult fish for recreational inriver fisheries.
Sacramento River Winter (endangered)	Met	Met	Met	Recreational season between Point Arena and Pigeon Point shall open no earlier than the first Saturday in April and close no later than the second Sunday in November; the recreational season between Pigeon Point and the U.S./Mexico Border shall open no earlier than the first Saturday in April and close no later than the first Sunday in October. The minimum size limit shall be at least 20 inches total length. Commercial seasons between Point Arena and the U.S./Mexico border shall open no earlier than May 1 and close no later than September 30, with the exception of an October season conducted Monday through Friday between Point Reyes and Point San Pedro, which shall end no later than October 15. The minimum size limit shall be at least 26 inches total length. (NMFS ESA consultation
Sacramento River Fall				122.0-180.0 Sacramento River fall natural and hatchery adult spawners.
River recreational fishery harvest	1.0	0.0	0.0	Landed Catch 2008 Council Guidance.
Hatchery spawner goal	<b>Not Met</b>	<b>Not Met</b>	<b>Not Met</b>	16,000 Aggregate number of adults to achieve egg take goals at Coleman, Feather River, and Nimbus hatcheries.

TABLE 5. Projected key stock escapements (thousands of fish) or management criteria for 2008 ocean fishery options analyzed by the STT.<sup>ai</sup> (Page 2 of 3)

Key Stock/Criteria	Projected Ocean Escapement <sup>br</sup> or other Criteria (Council Area impacts in parens)			Spawner Objective or Other Comparative Standard as Noted
	Option I	Option II	Option III	
				<b>COHO</b>
Interior Fraser (Thompson River)	8.5%(3.3%)	8.1%(2.9%)	7.1%(1.9%)	≤ 10.0% Total exploitation rate for all U.S. fisheries south of the U.S./Canada border based on 2002 PSC coho agreement.
Skagit	32.2%(3.0%) 49.8	32.0%(2.7%) 50.0	31.2%(1.7%) 50.5	≤ 35.0% 2008 total exploitation rate ceiling based on 2002 PSC coho agreement <sup>ci</sup> 30.0 MSP level of adult spawners Identified in FMP.
Stillaguamish	39.4%(2.1%) 24.8	39.2%(1.8%) 24.9	38.8%(1.2%) 25.0	≤ 50.0% 2008 total exploitation rate ceiling based on 2002 PSC coho agreement <sup>ci</sup> 17.0 MSP level of adult spawners Identified in FMP.
Snohomish	36.3%(2.1%) 77.2	36.1%(1.8%) 77.5	35.7%(1.2%) 78.0	≤ 40.0% 2008 total exploitation rate ceiling based on 2002 PSC coho agreement <sup>ci</sup> 70.0 MSP level of adult spawners Identified in FMP.
Hood Canal	45.0%(3.1%) <b>19.8</b>	44.9%(2.8%) <b>19.8</b>	44.0%(1.8%) <b>20.1</b>	≤ 45.0% 2008 total exploitation rate ceiling based on 2002 PSC coho agreement <sup>ci</sup> 21.5 MSP level of adult spawners Identified in FMP.
Strait of Juan de Fuca	11.7%(2.4%) 21.7	11.4%(2.0%) 21.8	10.7%(1.4%) 21.9	≤ 40.0% 2008 total exploitation rate ceiling based on 2002 PSC coho agreement <sup>ci</sup> 12.8 MSP level of adult spawners Identified in FMP.
Quillayute Fall	10.1	10.1	10.2	6.3-15.8 MSY adult spawner range (not annual target). Annual management objectives may be different and are subject to agreement between WDFW and the treaty tribes under U.S. District Court orders.
Hoh	3.9	3.9	4.0	2.0-5.0 MSY adult spawner range (not annual target). Annual management objectives may be different and are subject to agreement between WDFW and the treaty tribes under U.S. District Court orders.
Queets Wild	9.0	9.1	9.3	5.8-14.5 MSY adult spawner range (not annual target). Annual management objectives may be different and are subject to agreement between WDFW and the treaty tribes under U.S. District Court orders.
Grays Harbor	41.5	41.7	42.2	35.4 MSY adult spawner range (not annual target). Annual management objectives may be different and are subject to agreement between WDFW and the treaty tribes under U.S. District Court orders.
Lower Columbia River Natural (threatened)	<b>6.6%</b>	<b>5.6%</b>	3.0%	≤ 8.0% Council area marine and mainstem Columbia River fishery exploitation rate (NMFS ESA consultation standard). Value depicted is ocean fishery exploitation rate only.
Upper Columbia <sup>gj</sup>	≥ 50%	≥ 50%	≥ 50%	≥ 50% Minimum percentage of the run to Bonneville Dam.
Columbia River Hatchery Early	91.8	93.7	100.0	38.7 Minimum ocean escapement to attain hatchery egg-take goal of 16.0 early adult coho, with average conversion and no mainstem or tributary fisheries.
Columbia River Hatchery Late	67.6	68.5	75.4	15.2 Minimum ocean escapement to attain hatchery egg-take goal of 9.7 late adult coho, with average conversion and no mainstem or tributary fisheries.
Oregon Coastal Natural	7.9%	6.6%	3.3%	≤ 8.0% Marine and freshwater fishery exploitation rate.
Northern California (threatened)	2.5%	2.4%	0.5%	≤ 13.0% Marine fishery exploitation rate for R/K hatchery coho (NMFS ESA consultation standard).

TABLE 5. Projected key stock escapements (thousands of fish) or management criteria for 2008 ocean fishery options analyzed by the STT.<sup>a/</sup> (Page 3 of 3)

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a/ Projections in the table assume a WCVI mortality for coho of the 2007 observed level. Southeast Alaska, North Coast BC, and WCVI troll and outside sport fisheries were assumed to have the same exploitation rates as expected preseason in 2007. Assumptions for these chinook fisheries will be changed prior to the April meeting when allowable catch levels for 2008 under the PST are known.

b/ Ocean escapement is the number of salmon escaping ocean fisheries and entering freshwater with the following clarifications. Ocean escapement for Puget Sound stocks is the estimated number of salmon entering Area 4B that are available to U.S. net fisheries in Puget Sound and spawner escapement after impacts from the Canadian, U.S. ocean, and Puget Sound troll and recreational fisheries have been deducted. Numbers in parentheses represent Council area exploitation rates for Puget sound coho stocks. For Columbia River early and late coho stocks, ocean escapement represents the number of coho after the Buoy 10 fishery. Exploitation rates for LCN coho include all marine impacts prior to the Buoy 10 fishery. Exploitation rates for OCN coho include impacts of freshwater fisheries.

c/ Annual management objectives may be different than FMP goals, and are subject to agreement between WDFW and the treaty tribes under U.S. District Court orders. Total exploitation rate includes Alaskan, Canadian, Council area, Puget Sound, and freshwater fisheries and is calculated as total fishing mortality divided by total fishing mortality plus spawning escapement. These total exploitation rates reflect the initial base package for inside fisheries developed by state and tribal comanagers. It is anticipated that total exploitation rates will be adjusted by state and tribal comanagers during the preseason planning process to comply with stock specific exploitation rate constraints.

d/ Includes minor contributions from East Fork Lewis River and Sandy River.

e/ The fisheries in this option will need to be restructured if negotiations in the North of Falcon forum or final preseason catch expectations for Canadian and Alaskan fisheries do not result in an SRFI at or below 0.700 as required by the NMFS ESA consultation standard.

f/ The fisheries in this option will need to be restructured if negotiations in the North of Falcon forum or final preseason catch expectations for Canadian and Alaskan fisheries do not result in a total exploitation rate for all U.S. fisheries south of the U.S./Canada border of no more than 10.0% as required by the 2002 PSC agreement.

g/ Includes projected impacts of inriver fisheries that have not yet been shaped.

h/ If the management expectation was for 35,000 natural area spawners, the tribal harvest would be \_\_\_\_\_ and river recreational harvest would be \_\_\_\_\_.

TABLE 7. Expected coastwide lower Columbia Natural (LCN) Oregon coastal natural (OCN) and Rogue/Klamath (RK) coho, and Lower Columbia River (LCR) natural tule Chinook exploitation rates by fishery for 2008 ocean fisheries management options analyzed by the Council (Page 1 of 1)

Fishery	Exploitation Rate (Percent)											
	LCN Coho			OCN Coho			RK Coho			LCR Tule		
	I	II	III	I	II	III	I	II	III	I	II	III
SOUTHEAST ALASKA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	3.0%	3.1%
BRITISH COLUMBIA	0.1%	0.1%	0.1%	0.4%	0.4%	0.4%	0.2%	0.2%	0.2%	14.4%	14.6%	14.9%
PUGET SOUND/STRAIT	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.4%	0.4%
NORTH OF CAPE FALCON												
Treaty Indian Ocean Troll	1.8%	1.5%	1.1%	1.2%	1.0%	0.7%	0.0%	0.0%	0.0%	4.8%	4.3%	2.5%
Recreational	2.5%	2.6%	1.3%	0.7%	0.7%	0.4%	0.0%	0.0%	0.0%	2.8%	2.0%	1.4%
Non-Indian Troll	1.0%	0.8%	0.5%	0.5%	0.4%	0.3%	0.0%	0.0%	0.0%	3.4%	2.8%	1.9%
SOUTH OF CAPE FALCON												
Recreational:	1.2%	0.7%	0.0%							0.0%	0.0%	0.0%
Cape Falcon to Humbug Mt.				2.9%	1.6%	0.0%	0.3%	0.1%	0.0%			
Humbug Mt. OR/CA border (KMZ)				0.1%	0.2%	0.0%	0.1%	0.3%	0.0%			
OR/CA border to Horse Mt. (KMZ)				0.1%	0.0%	0.0%	0.5%	0.0%	0.0%			
Fort Bragg				0.1%	0.0%	0.0%	0.2%	0.0%	0.0%			
South of Pt. Arena				0.1%	0.0%	0.0%	0.1%	0.0%	0.0%			
Troll:	0.1%	0.1%	0.0%							0.5%	0.3%	0.1%
Cape Falcon to Humbug Mt.				0.1%	0.1%	0.0%	0.0%	0.0%	0.0%			
Humbug Mt. OR/CA border (KMZ)				0.0%	0.1%	0.0%	0.0%	0.1%	0.0%			
OR/CA border to Horse Mt. (KMZ)				0.1%	0.3%	0.0%	0.6%	0.9%	0.0%			
Fort Bragg				0.0%	0.2%	0.0%	0.1%	0.4%	0.0%			
South of Pt. Arena				0.0%	0.1%	0.0%	0.0%	0.0%	0.0%			
BUOY 10	0.6%	0.6%	0.7%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	7.1%	7.3%	7.6%
ESTUARY/FRESHWATER	N/A	N/A	N/A	12.0%	1.2%	1.3%	0.3%	0.3%	0.3%			
TOTAL <sup>a/</sup>	6.6%	5.6%	3.0%	7.9%	6.6%	3.3%	2.5%	2.4%	0.5%	36.4%	34.7%	31.9%

a/ Total does not include Southeast Alaska, British Columbia, Puget Sound/Strait of Juna de Fuca, or Buoy 10 fisheries for LCN coho.