

SALMON TECHNICAL TEAM

***PRELIMINARY ANALYSIS OF TENTATIVE 2010  
OCEAN SALMON FISHERY  
MANAGEMENT MEASURES***

April 13, 2010

TABLE 1. Commercial troll management options collated by the STT for non-Indian ocean salmon fisheries, 2010 (Page 1 of 5)
<b>A. SEASON OPTION DESCRIPTIONS</b>
<b>North of Cape Falcon</b>
<b>Supplemental Management Information</b>
<p>1. Overall non-Indian TAC: 117,000 (non-mark-selective equivalent of 110,000) Chinook and 90,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 56,000 Chinook and 13,400 marked coho.</p> <p>3. No preseason trade with recreational fishery.</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 42,000 Chinook quota.</li> </ul> <p>Seven days per week (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>An inseason conference call will occur when it is projected that 35,000 Chinook have been landed to consider modifying the open period and adding landing and possession limits to extend the fishery through the end of June.</p>
<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>• July 1 through earlier of September 14 or 14,000 preseason Chinook guideline (C.8) or a 13,400 marked coho quota (C.8.d).</li> </ul> <p>Open July 1-6, then Friday through Tuesday through July 27, then Saturday through Tuesday thereafter. Landing and possession limit of 150 Chinook and 50 coho per vessel per open period north of Leadbetter Point or 150 Chinook and 50 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 be marked (C.8.d). 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>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 collated by the STT for non-Indian ocean salmon fisheries, 2010 (Page 2 of 5)

<b>A. SEASON OPTION DESCRIPTIONS</b>
<b>South of Cape Falcon</b>
<b>Supplemental Management Information</b>
<p>1. Sacramento River Basin recreational fishery catch assumption: quota of 8,200 adult Sacramento River fall Chinook (12.6% of the total allowable harvest).</p> <p>2. Sacramento River fall Chinook spawning escapement of 174,990 adults.</p> <p>3. Klamath River recreational fishery allocation: 10,250 adult Klamath River fall Chinook.</p> <p>4. Klamath tribal allocation: 34,950 adult Klamath River fall Chinook.</p> <p>5. Klamath River fall Chinook spawning escapement of 40,700 adults.</p>
<p><b>Cape Falcon to Humbug Mt.</b></p> <ul style="list-style-type: none"> <li>• May 1-July 6, July 9-13, 16-20, 23-27, August 1-25, September 1-30 (C.9).</li> </ul> <p>All salmon except coho; landing and possession limit of 50 Chinook per vessel per calendar week in September (C.7). 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.</p> <p>In 2011, the season will open March 15 for all salmon except coho. This opening could be modified following Council review at its March 2011 meeting.</p>
<p><b>Humbug Mt. to OR/CA Border (Oregon KMZ)</b></p> <ul style="list-style-type: none"> <li>• May 1-31;</li> <li>• July 1 through earlier of July 31, or a 1,500 Chinook quota;</li> <li>• Aug. 1 through earlier of Aug. 31, or a 1,500 Chinook quota (C.9).</li> </ul> <p>All salmon except coho (C.7). Chinook 28 inch total length minimum size limit (B). Prior to June 1, landing and possession limit of 100 Chinook per vessel per calendar week; all vessels fishing in the area must land their fish in the area or Port Orford. June 1 through August 31, landing and possession limit of 30 Chinook per vessel per day and 90 Chinook per vessel per calendar week; all vessels fishing in this area must land and deliver all fish within this area or Port Orford, within 24 hours of any closure in this fishery, and prior to fishing outside of this area. Oregon State regulations require all fishers landing salmon from any quota managed season within this area to notify Oregon Dept. of Fish and Wildlife (ODFW) within 1 hour of delivery or prior to transport away from the port of landing by calling (541) 867-0300 ext. 252. Notification shall include vessel name and number, number of salmon by species, port of landing and location of delivery, and estimated time of delivery. See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> <li>• June 1-30; September 1-30</li> </ul> <p>Sufficient impacts to conduct an experimental genetic stock identification study. All salmon must be released in good condition after collection of biological samples.</p> <p>In 2011, 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 2011 meeting.</p>
<p><b>OR/CA Border to Humboldt South Jetty (California KMZ)</b></p> <p>Closed except for sufficient impacts to conduct an experimental genetic stock identification study May 1 through September 30. All salmon must be released in good condition after collection of biological samples.</p>
<p><b>Humboldt South Jetty to Horse Mt.</b></p> <p>Closed.</p>

TABLE 1. Commercial troll management options collated by the STT for non-Indian ocean salmon fisheries, 2010 (Page 3 of 5)

<b>A. SEASON OPTION DESCRIPTIONS</b>	
<b>South of Cape Falcon</b>	
<p><b>Horse Mt. to Point Arena (Fort Bragg)</b></p> <ul style="list-style-type: none"> <li>July 1-4, 8-11,</li> <li>July 15-18, 22-31 or a quota of 20,530 Chinook.</li> <li>August 1 through the earlier of August 29 or 19,580 Chinook quota (C.9).</li> </ul> <p>All salmon except coho (C.7). Chinook minimum size limit of 27 inches total length (B). All vessels fishing in the area must land their fish in the area when the fishery is managed under a quota; all fish must be offloaded within 24 hours of any closure of the fishery (C1). See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> <li>May 1 through June 30; September 1-30</li> </ul> <p>Sufficient impacts to conduct an experimental genetic stock identification study. All salmon must be released in good condition after collection of biological samples.</p>	
<p><b>Pt. Arena to U.S./Mexico Border</b></p> <ul style="list-style-type: none"> <li>July 1-4, 8-11 (C.9).</li> </ul> <p>All salmon except coho (C.7). Chinook minimum size limit of 27 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> <li>May 1 through June 30; July 13 through September 30</li> </ul> <p>Sufficient impacts to conduct an experimental genetic stock identification study. All salmon must be released in good condition after collection of biological samples.</p>	
<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 Horse Mt.	28.0	21.5	-	-	None
Horse Mt. 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:

- a. Salmon may be taken only by hook and line using single point, single shank, barbless hooks.
- 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. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)****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.

**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 25,035 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 2 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 3 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 collated by the STT for non-Indian ocean salmon fisheries, 2010 (Page 5 of 5)

**C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)**

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 on a fishery impact equivalent basis if there is agreement among the areas' representatives on the Salmon Advisory Subpanel (SAS).
  - c. At the March 2011 meeting, the Council will consider inseason recommendations for special regulations for any experimental fisheries (proposals must meet Council protocol and be received in November 2010).
  - d. If retention of unmarked coho is permitted by inseason action, the allowable coho quota will be adjusted to ensure preseason projected mortality of critical stocks is not exceeded.
  - e. Landing limits may be modified inseason to sustain season length and keep harvest within overall quotas.
- C.9. State Waters Fisheries: 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 Klamath Management Zone (KMZ) for the ocean salmon season shall be that area from Humbug Mt., Oregon, to Horse Mt., California.

TABLE 2. Recreational management options collated by the STT for non-Indian ocean salmon fisheries, 2010. (Page 1 of 4)

<b>A. SEASON OPTION DESCRIPTIONS</b>
<b>North of Cape Falcon</b>
<b>Supplemental Management Information</b>
<p>1. Overall non-Indian TAC: 117,000 (non-mark-selective equivalent of 110,000) Chinook and 90,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 61,000 (non-mark selective equivalent of 54,000) Chinook and 75,600 marked coho; all retained coho must be marked.</p> <p>3. No preseason trade with recreational fishery.</p> <p>4. No Area 4B add-on fishery.</p> <p>5. Buoy 10 fishery opens Aug. 1 with an expected landed catch of 12,000 marked coho.</p>
<p><b>U.S./Canada Border to Cape Falcon</b></p> <ul style="list-style-type: none"> <li>• June 12 through earlier of June 30 or a <b>marked Chinook guideline of 12,000</b> (C.5). Seven days per week. Two fish per day, all salmon except coho, <b>all Chinook must be marked with a healed adipose fin clip (C.1)</b>. There will be a conference call no later than June 23 to consider changing bag limits. 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).</li> </ul>
<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 19 or 7,860 marked coho subarea quota with a subarea guideline of 5,400 Chinook (C.5). Tuesday through Saturday. All salmon except no chum beginning August 1. Two fish per day, only one of which can be a Chinook; there will be a conference call no later than July 14 to consider removing the one Chinook bag limit restriction. All retained coho must be marked (C.1). See gear restrictions and definitions (C.2, C.3). 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).</li> </ul>
<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 19 or 1,920 marked coho subarea quota with a subarea guideline of 2,450 Chinook (C.5).</li> <li>• September 25 through earlier of October 10 or 50 marked coho quota or 50 Chinook quota (C.5) in the area north of 47°50'00" N. lat. and south of 48°00'00" N. lat.</li> </ul> <p>Tuesday through Saturday. All salmon, two fish per day, only one of which can be a Chinook; there will be a conference call no later than July 14 to consider removing the one Chinook bag limit restriction. All retained coho must be marked (C.1). See gear restrictions and definitions (C.2, C.3). 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 4 through earlier of September 19 or 27,970 marked coho subarea quota with a subarea guideline of 28,000 Chinook (C.5). Sunday through Thursday. All salmon, two fish per day, only one of which can be a Chinook; there will be a conference call no later than July 14 to consider removing the one Chinook bag limit restriction. All retained coho must be marked (C.1). See gear restrictions and definitions (C.2, C.3). Grays Harbor 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).</li> </ul>
<p><b>Leadbetter Point to Cape Falcon (Columbia River Subarea)</b></p> <ul style="list-style-type: none"> <li>• July 1 through earlier of September 30 or 37,800 marked coho subarea quota with a subarea guideline of 13,100 Chinook (C.5). Seven days per week. All salmon, two fish per day, only one of which can be a Chinook; there will be a conference call no later than July 14 to consider removing the one Chinook bag limit restriction. All retained coho must be marked (C.1). 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).</li> </ul>

TABLE 2. Recreational management options collated by the STT for non-Indian ocean salmon fisheries, 2010. (Page 2 of 4)

<b>A. SEASON OPTION DESCRIPTIONS</b>			
<b>South of Cape Falcon</b>			
<b>Supplemental Management Information</b>			
1. Sacramento River Basin recreational fishery catch assumption: quota of 8,200 adult Sacramento River fall Chinook (12.6% of the total allowable harvest). 2. Sacramento River fall Chinook spawning escapement of 174,990 adults. 3. Klamath River recreational fishery allocation: 10,250 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 34,950 adult Klamath River fall Chinook. 5. Klamath River fall Chinook spawning escapement of 40,700 adults. 6. Overall recreational TAC: 30,000 marked coho.			
<b>Cape Falcon to Humbug Mt.</b> <ul style="list-style-type: none"> <li>Except as provided below during the all-salmon mark-selective coho fishery, the season will be May 29 through September 6 (C.6).</li> </ul> All salmon except coho; two fish per day (C.1). See gear restrictions and definitions (C.2, C.3).  <ul style="list-style-type: none"> <li>All-salmon mark-selective coho fishery: Cape Falcon to OR/CA Border: June 26 through earlier of Sept. 6 or a landed catch of 30,000 marked coho. The all salmon except coho season may reopen upon attainment of the coho quota. Open seven days per week, all salmon, two fish per day. All retained coho must be marked (C.1). Fishing in the Stonewall Bank groundfish conservation area restricted to trolling only on days the all depth recreational halibut fishery is open (call the halibut fishing hotline 1-800-662-9825 for specific dates) (C.3.b, C.4.d). Open days may be adjusted inseason to utilize the available quota (C.5).</li> </ul> In 2011, the season between Cape Falcon and Humbug Mt. will open March 15 for all salmon except coho, two fish per day (B, C.1, C.2, C.3).			
<b>Humbug Mt. to OR/CA Border. (Oregon KMZ)</b> <ul style="list-style-type: none"> <li>Except as provided above during the all-salmon mark-selective coho fishery, the season will be May 29 through September 6 (C.6).</li> </ul> All salmon except coho, except as noted above in the all-salmon mark-selective coho fishery. Seven days per week, two fish per day (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3).			
<b>OR/CA Border to Horse Mt. (California KMZ)</b> <ul style="list-style-type: none"> <li>May 29 through September 6 (C.6).</li> </ul> Seven days per week. All salmon except coho. Two fish per day (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3). Klamath Control Zone closed in August (C.4.e). See California State regulations for additional closures adjacent to the Smith, Eel, and Klamath rivers.			
<b>Horse Mt. to Point Arena (Fort Bragg)</b> <ul style="list-style-type: none"> <li>April 3 through September 6.</li> </ul> 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).			
<b>Point Arena to U.S./Mexico Border</b> <ul style="list-style-type: none"> <li>April 3-30</li> </ul> Seven days per week. 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).  <ul style="list-style-type: none"> <li>May 1 through September 6.</li> </ul> Thursday through Monday. All salmon except coho; two fish per day (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3).			

<b>B. MINIMUM SIZE (Inches) (See C.1)</b>			
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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	-	24.0
Horse Mt. to Pt. Arena	20.0	-	20.0
Pt. Arena. to U.S./Mexico Border:			
Apr. 3-30	20.0	-	24.0
May 1-Sep. 6	24.0	-	20.0

TABLE 2. Recreational management options collated by the STT for non-Indian ocean salmon fisheries, 2010. (Page 3 of 4)

**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. *Horse Mt., California, to Point Conception, California:* Single point, single shank, barbless circle hooks (see gear definitions 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.

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).

TABLE 2. Recreational management options collated by the STT for non-Indian ocean salmon fisheries, 2010. (Page 4 of 4)

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

- 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 a fishery impact equivalent 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 a fishery impact equivalent basis if there is agreement among the representatives of the Salmon Advisory Subpanel (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.
- C.6. Additional Seasons in State Territorial Waters: Consistent with Council management objectives, the States of Washington, Oregon, and California may establish limited seasons in state waters. Check state regulations for details.

TABLE 3. Treaty Indian troll management options collated by the STT for ocean salmon fisheries, 2010. (Page 1 of 1)

<b>A. SEASON OPTION DESCRIPTIONS</b>
<b>Supplemental Management Information</b>
1. Overall Treaty-Indian TAC: 55,000 Chinook and 43,000 coho.
<ul style="list-style-type: none"> <li>• May 1 through the earlier of June 30 or 27,500 Chinook quota. 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).</li> <li>• July 1 through the earlier of September 15, or 27,500 preseason Chinook quota, or 43,000 coho quota. All Salmon. See size limit (B) and other restrictions (C).</li> </ul>

<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 eight 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 2004-2009. Fish taken during this fishery are to be counted against treaty troll quotas established for the 2010 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.

TABLE 5. Projected key stock escapements (thousands of fish) or management criteria for 2009 ocean fishery management measures collated by the STT.<sup>af</sup> (Page 1 of 2)

Key Stock/Criteria	Projected Ocean Escapement <sup>b/</sup> or Other Criteria (Council Area Fisheries)	Spawner Objective or Other Comparative Standard as Noted
<b>CHINOOK</b>		
<u>COLUMBIA RIVER</u>		
Columbia Upriver Brights	319.1	88.2 Minimum ocean escapement to attain 60.0 adults over McNary Dam, with normal distribution and no mainstem harvest.
Snake River Fall (threatened) SRFI	45.1%	≤ 70.0% Of 1988-1993 base period exploitation rate for all ocean fisheries (NMFS ESA consultation standard).
Mid-Columbia Brights	74.6	13.2 Minimum ocean escapement to attain 4.7 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	85.0	22.1 Minimum ocean escapement to attain 12.4 adults for hatchery egg-take, with average conversion and no lower river mainstem or tributary harvest.
Columbia Lower River Natural Tules (threatened)	37.9%	≤ 38.0% ESA guidance met by a total adult equivalent fishery exploitation rate on Coweeman tules (NMFS ESA consultation standard).
Columbia Lower River Wild <sup>cl</sup> (threatened)	10.0	6.8 Minimum ocean escapement to attain MSY spawner goal of 5.7 for N. Lewis River fall Chinook (NMFS ESA consultation standard).
Spring Creek Hatchery Tules	162.9	8.8 Minimum ocean escapement to attain 7.0 adults for Spring Creek Hatchery egg-take, assuming average conversion and no mainstem harvest.
<u>CALIFORNIA</u>		
Klamath River Fall	40.7	40.7 Minimum number of adult spawners to natural spawning areas. 2008 Council adopted rebuilding objective and 2010 Council guidance.
Federally recognized tribal harvest	50.0%	50.0% Equals 34.95 (thousand) adult fish for Yurok and Hoopa tribal fisheries.
Spawner Reduction Rate	52.8%	≤ 66.7% Equals 45.5 (thousand) fewer natural adult spawners due to fishing.
Adult river mouth return	109.4	NA Natural and hatchery adults.
Age-4 ocean harvest rate	13.2%	≤ 16.0% NMFS ESA consultation standard for threatened California Coastal Chinook.
KMZ sport fishery share	13.9%	No Council guidance for 2010.
River recreational fishery share	29.3%	≥ 15% 2010 Council Guidance. Equals 10.25 (thousand) adult fish for recreational inriver fisheries.
Sacramento River Winter (endangered)	Met	Recreational seasons: Point Arena to Pigeon Point between the first Saturday in April and the second Sunday in November; Pigeon Point to the U.S./Mexico Border between the first Saturday in April and the first Sunday in October. Minimum size limit ≥ 20 inches total length. In addition, for 2010, fisheries south of Pt. Arena must have either a minimum size limit ≥ 24 inches total length May 1-Aug. 31, or be closed for 61 consecutive days between May 1 and August 31. Commercial seasons: Point Arena to the U.S./Mexico border between May 1 and September 30, except Point Reyes to Point San Pedro between October 1 and 15. Minimum size limit ≥ 26 inches total length. (NMFS ESA Guidance for 2010).
Sacramento River Fall	174.99	≥150-180 2010 Council and NMFS guidance for natural and hatchery adult spawners.
Ocean commercial impacts	34.4	Include fall (Sept-Dec) 2009 impacts; equals 0 SRFC.
Ocean recreational impacts	27.9	Include fall (Sept. -Dec.) 2009 impacts (76 SRFC).
River recreational impacts	8.2	Assumes 0.000 (thousand) adult fish for recreational inriver fisheries.
Hatchery spawner goal	≥ 22.0	22.0 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 2009 ocean fishery management measures collated by the STT. <sup>a/</sup> (Page 2 of 2)

Key Stock/Criteria	Projected Ocean Escapement <sup>b/</sup> or Other Criteria (Council Area Fisheries)	Spawner Objective or Other Comparative Standard as Noted
<b>COHO</b>		
Interior Fraser (Thompson River)	<b>10.07%</b> (5.5%)	≤ 10.0% 2010 Southern U.S. exploitation rate ceiling; 2002 PSC coho agreement.
Skagit	38.1%(5.0%) 59.7	≤ 60.0% 2010 total exploitation rate ceiling; FMP matrix <sup>e/</sup> 30.0 MSP level of adult spawners Identified in FMP.
Stillaguamish	37.2%(3.5%) 16.3	≤ 50.0% 2010 total exploitation rate ceiling; FMP matrix <sup>e/</sup> 17.0 MSP level of adult spawners Identified in FMP.
Snohomish	32.3%(3.5%) 67.6	≤ 40.0% 2010 total exploitation rate ceiling; FMP matrix <sup>e/</sup> 70.0 MSP level of adult spawners Identified in FMP.
Hood Canal	<b>48.5%</b> (5.3%) 17.2	≤ 45.0% 2010 total exploitation rate ceiling; FMP matrix <sup>e/</sup> 21.5 MSP level of adult spawners Identified in FMP.
Strait of Juan de Fuca	11.4%(3.9%) 7.5	≤ 20.0% 2010 total exploitation rate ceiling; FMP matrix <sup>e/</sup> 12.8 MSP level of adult spawners Identified in FMP.
	10.2%	≤ 10.0% 2010 Southern U.S. exploitation rate ceiling; 2002 PSC coho agreement.
Quillayute Fall	20.5	6.3-15.8 FMP objective MSY adult spawner range <sup>e/</sup>
Hoh	6.4	2.0-5.0 FMP objective MSY adult spawner range <sup>e/</sup>
Queets Wild	16.9	5.8-14.5 FMP objective MSY adult spawner range <sup>e/</sup>
Grays Harbor	61.8	35.4 FMP objective MSY adult spawner range <sup>e/</sup>
Lower Columbia River Natural (threatened)	12.4%	≤ 15.0% Total marine and mainstem Columbia River fishery exploitation rate (NMFS ESA consultation standard). Value depicted is marine fishery exploitation rate only.
Upper Columbia	≥ 75%	≥ 50% Minimum percentage of the run to Bonneville Dam.
Columbia River Hatchery Early	170.2	31.2 Minimum ocean escapement to attain hatchery egg-take goal of 14.1 early adult coho, with average conversion and no mainstem or tributary fisheries.
Columbia River Hatchery Late	92.1	9.3 Minimum ocean escapement to attain hatchery egg-take goal of 7.1 late adult coho, with average conversion and no mainstem or tributary fisheries.
Oregon Coastal Natural	12.0%	≤ 15.0% Marine and freshwater fishery exploitation rate.
Northern California (threatened)	10.2%	≤ 13.0% Marine fishery exploitation rate for R/K hatchery coho (NMFS ESA consultation standard).

a/ Assumptions for Canadian and Southeast Alaska Chinook fisheries operating under aggregate abundance based management (AABM) regimes are based on allowable catch levels determined under the 2009 PST Chinook agreement and the 2010 calibration of the PSC Chinook Model. The allowable catch levels are for an Alaska all-gear catch of 221,800, a Northern BC troll and Queen Charlotte Islands catch of 152,100, and a WCVI troll and outside sport catch of 143,700.

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

d/ Projected ISBM indices for these stocks, which are based on an average of 2005-2007 terminal harvest rates, exceed 60%, but the state of Oregon intends to manage 2009 freshwater fishery impacts to comply with the general obligation.

e/ 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.

TABLE 7. Expected coastwide lower Columbia Natural (LCN) Oregon coastal natural (OCN) and Rogue/Klamath (RK) coho, and Lower Columbia River (LCR) tule Chinook exploitation rates by fishery for 2010 ocean fisheries management measures collated by the STT.

Fishery	Exploitation Rate (Percent)			
	LCN Coho	OCN Coho	RK Coho	LCR Tule
SOUTHEAST ALASKA	0.0%	0.0%	0.0%	2.6%
BRITISH COLUMBIA	0.0%	0.1%	0.0%	11.5%
PUGET SOUND/STRAIT	0.2%	0.1%	0.0%	0.3%
NORTH OF CAPE FALCON				
Treaty Indian Ocean Troll	2.5%	0.7%	0.0%	4.5%
Recreational	4.5%	0.9%	0.0%	3.9%
Non-Indian Troll	1.8%	0.5%	0.0%	5.2%
SOUTH OF CAPE FALCON				
Recreational:				0.1%
Cape Falcon to Humbug Mt.	0.2%	2.8%	0.4%	
Humbug Mt. OR/CA border (KMZ)	0.1%	0.4%	0.8%	
OR/CA border to Horse Mt. (KMZ)	0.1%	0.9%	4.1%	
Fort Bragg	0.1%	0.6%	1.5%	
South of Pt. Arena	0.0%	0.4%	1.0%	
Troll:				1.8%
Cape Falcon to Humbug Mt.	1.0%	1.1%	0.2%	
Humbug Mt. OR/CA border (KMZ)	0.0%	0.0%	0.1%	
OR/CA border to Horse Mt. (KMZ)	0.0%	0.1%	0.3%	
Fort Bragg	0.0%	0.6%	1.4%	
South of Pt. Arena	0.0%	0.1%	0.1%	
BUOY 10	1.1%	0.1%	0.0%	8.1%
ESTUARY/FRESHWATER	NA	2.6%	0.2%	
TOTAL <sup>a/</sup>	12.35%	12.0%	10.0%	37.9%

a/ Totals do not include estuary/freshwater or Buoy 10 for LCN or RK coho.



