

SALMON TECHNICAL TEAM

***INITIAL ANALYSIS
OF PRELIMINARY
SALMON MANAGEMENT ALTERNATIVES
FOR 2011 OCEAN FISHERIES***

March 8, 2011

TABLE 1. Commercial troll management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011 (Page 1 of 9)			3/8/2011 2:10 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
North of Cape Falcon	North of Cape Falcon	North of Cape Falcon	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
<p>1. Overall non-Indian TAC: 97,000 (non-mark-selective equivalent of 90,000) Chinook and 95,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 45,000 Chinook and 15,200 marked coho.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: 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: 77,000 (non-mark-selective equivalent of 70,000) Chinook and 80,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 35,000 Chinook and 12,800 marked coho.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: 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: 57,000 (non-mark-selective equivalent of 50,000) Chinook and a quota equivalent to 65,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Non-Indian commercial troll TAC: 25,000 Chinook and a quota equivalent to 10,400 marked coho.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: 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>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> • May 1 through earlier of June 30 or 33,750 Chinook quota. <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). An inseason conference call will occur when it is projected that 29,000 Chinook have been landed to consider modifying the open period to five days per week and adding landing and possession limits to ensure the guideline is not exceeded.</p>	<p>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> • May 1 through earlier of June 30 or 23,450 Chinook quota. <p>Friday through Tuesday, landing and possession limit of 120 Chinook per open period (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). An inseason conference call will occur when it is projected that 22,000 Chinook have been landed to consider modifying the open period, landing, and possession limits to extend the fishery through the end of June.</p>	<p>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> • May 1 through earlier of June 30 or 16,750 Chinook quota. <p>Saturday through Tuesday, landing and possession limit of 100 Chinook per open period (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>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 either calling 541-867-0300 Ext. 271 or sending notification via e-mail to nfallcon.trollreport@state.or.us. 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>			

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A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
<p>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> July 1 through earlier of September 15 or 11,250 preseason Chinook guideline (C.8) or a 15,200 marked coho quota (C.8.d). <p>Friday through Tuesday; landing and possession limit of 100 Chinook and 90 coho per vessel per open period north of Leadbetter Point or 100 Chinook and 90 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>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> July 1 through earlier of September 15 or 11,550 preseason Chinook guideline (C.8) or a 12,800 marked coho quota (C.8.d). <p>Friday through Tuesday; landing and possession limit of 70 Chinook and 80 coho per vessel per open period north of Leadbetter Point or 70 Chinook and 80 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>U.S./Canada Border to Cape Falcon</p> <ul style="list-style-type: none"> July 1 through earlier of September 15 or 8,250 preseason Chinook guideline (C.8) or a coho quota equivalent to 10,400 marked coho (C.8.d). <p>Saturday through Tuesday; landing and possession limit of 60 Chinook and 65 marked coho per vessel per open period north of Leadbetter Point or 60 Chinook and 65 marked coho south of Leadbetter Point through August 15, 40 Chinook and 75 coho (non-mark-selective) per vessel per open period north of Leadbetter Point or 40 Chinook and 75 coho (non-mark-selective) south of Leadbetter Point thereafter (C.1). All Salmon except no chum retention north of Cape Alava, Washington in August and September (C.7). 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>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 either calling 541-867-0300 Ext. 271 or sending notification via e-mail to nfallcon.trollreport@state.or.us. 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 Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 3 of 9)			3/8/2011 2:10 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
South of Cape Falcon	South of Cape Falcon	South of Cape Falcon	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 61,100 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 375,300 adults. 3. Klamath River recreational fishery allocation: 7,800 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 34,800 adult Klamath River fall Chinook. 5. 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. 	<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 61,300 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 376,800 adults. 3. Klamath River recreational fishery allocation: 9,100 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 34,600 adult Klamath River fall Chinook. 5. 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. 	<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 68,000 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 368,700 adults. 3. Klamath River recreational fishery allocation: 9,100 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 34,500 adult Klamath River fall Chinook. 5. 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>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> • April 15 through August 31; October 1-31 (C.9). Seven days per week. All salmon except coho; landing and possession limit of 50 Chinook per vessel per calendar week in October (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>In 2012, the season will open March 15 for all salmon except coho. This opening could be modified following Council review at its March 2012 meeting.</p>	<p>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> • April 15 through July 9, July 18 through August 31, October 1-31. (C.9). Seven days per week. All salmon except coho; landing and possession limit of 50 Chinook per vessel per calendar week in October (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>In 2012, same as Alternative I</p>	<p>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> • April 15 through July 9, July 18 through August 13, August 21-31 (C.9). Seven days per week. All salmon except coho (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>In 2012, same as Alternative I</p>	

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A. SEASON ALTERNATIVE DESCRIPTIONS		
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III
<p>Humbug Mt. to OR/CA Border (Oregon KMZ)</p> <ul style="list-style-type: none"> • May 1-31; • June 1 through earlier of June 30, or a 2,000 Chinook quota; • July 1 through earlier of July 31, or a 1,200 Chinook quota; • Aug. 1 through earlier of Aug. 31, or a 1,800 Chinook quota (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook 28 inch total length minimum size limit (B). June 1 through August 31, landing and possession limit of 30 Chinook per vessel per day. Any remaining portion of the June and/or July Chinook quotas may be transferred inseason on an impact neutral basis to the next open quota period (C.8). 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 either calling (541) 867-0300 ext. 252 or sending notification via e-mail to KMZOR.trollreport@state.or.us. 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> <p>In 2012, 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 2012 meeting.</p>	<p>Humbug Mt. to OR/CA Border (Oregon KMZ)</p> <ul style="list-style-type: none"> • May 1-31; • June 1 through earlier of June 30, or a 1,000 Chinook quota; • July 1 through earlier of July 31, or a 1,200 Chinook quota; • Aug. 1 through earlier of Aug. 31, or a 1,500 Chinook quota (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook 28 inch total length minimum size limit (B). June 1 through August 31, landing and possession limit of 30 Chinook per vessel per day. 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 either calling (541) 867-0300 ext. 252 or sending notification via e-mail to KMZOR.trollreport@state.or.us. 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> <p>In 2012, same as Alternative I</p>	<p>Humbug Mt. to OR/CA Border (Oregon KMZ)</p> <ul style="list-style-type: none"> • May 1-31; • June 1 through earlier of June 30, or a 1,000 Chinook quota; • July 1 through earlier of July 31, or a 1,000 Chinook quota; • Aug. 1 through earlier of Aug. 31, or a 1,000 Chinook quota (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook 28 inch total length minimum size limit (B). 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 either calling (541) 867-0300 ext. 252 or sending notification via e-mail to KMZOR.trollreport@state.or.us. 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> <p>In 2012, same as Alternative I</p>

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A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
<p>OR/CA Border to Humboldt South Jetty (California KMZ)</p> <ul style="list-style-type: none"> • June 25 through earlier of June 30, or a 1,500 Chinook quota; • July 2-6 and 9-13 or attainment of a 1,500 Chinook quota; • Aug. 1 through earlier of Aug. 10, or a 1,500 Chinook quota • Sept. 15 through earlier of Sept 30, or a 4,000 Chinook quota (C.9). <p>Seven days per week except in July. All salmon except coho (C.7). Chinook 27 inch total length minimum size limit (B). June 25 through August 10, landing and possession limit of 15 Chinook per vessel per day; 30 Chinook per vessel per day in September. All vessels fishing in this area must land and deliver all fish within this area, within 24 hours of any closure in this fishery, and prior to fishing outside of this area. See compliance requirements (C.1) and gear restrictions and definitions (C.2, C.3). Klamath Control Zone closed (C.5.e). See California State regulations for additional closures adjacent to the Smith and Klamath rivers. When the fishery is closed between the OR/CA border and Humbug Mt. and open to the south, vessels with fish on board caught in the open area off California may seek temporary mooring in Brookings, Oregon prior to landing in California only if such vessels first notify the Chetco River Coast Guard Station via VHF channel 22A between the hours of 0500 and 2200 and provide the vessel name, number of fish on board, and estimated time of arrival.</p>	<p>OR/CA Border to Humboldt South Jetty (California KMZ)</p> <ul style="list-style-type: none"> • July 1 through earlier of July 10, or a 750 Chinook quota; • Aug. 1 through earlier of Aug. 10, or a 750 Chinook quota (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook 27 inch total length minimum size limit (B). Landing and possession limit of 15 Chinook per vessel per day. All vessels fishing in this area must land and deliver all fish within this area, within 24 hours of any closure in this fishery, and prior to fishing outside of this area. See compliance requirements (C.1) and gear restrictions and definitions (C.2, C.3). Klamath Control Zone closed (C.5.e). See California State regulations for additional closures adjacent to the Smith and Klamath rivers. When the fishery is closed between the OR/CA border and Humbug Mt. and open to the south, vessels with fish on board caught in the open area off California may seek temporary mooring in Brookings, Oregon prior to landing in California only if such vessels first notify the Chetco River Coast Guard Station via VHF channel 22A between the hours of 0500 and 2200 and provide the vessel name, number of fish on board, and estimated time of arrival.</p>	<p>OR/CA Border to Humboldt South Jetty Closed.</p>	
<p>Humboldt South Jetty to Horse Mt. Closed.</p>	<p>Humboldt South Jetty to Horse Mt. Closed.</p>	<p>Humboldt South Jetty to Horse Mt. Closed.</p>	
<p>State regulations require all fish shall be made available to a CDFG representative for sampling immediately at port of landing. Any person in possession of a salmon with a missing adipose fin, upon request by an authorized agent or employee of the CDFG, shall immediately relinquish the head of the salmon to the state. (California Fish and Game Code §8226)</p>			

TABLE 1. Commercial troll management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 6 of 9)			3/8/2011 2:10 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> • June 25 through earlier of June 30, or a 1,500 Chinook quota; • July 2-6 and 9-13 or attainment of a 1,500 Chinook quota; • Aug. 1-29, • Sept. 1-30 (C.9). <p>Seven days per week except in July. All salmon except coho (C.7). Chinook 27 inch total length minimum size limit (B). June 25 through July 13, landing and possession limit of 15 Chinook per vessel per day. Any remaining portion of the June Chinook quota may be transferred inseason on an impact neutral basis to the July quota (C.8). All vessels fishing in this area must land and deliver all fish within this area, within 24 hours of any closure in this fishery, and prior to fishing outside of this area (C.1). See gear restrictions and definitions (C.2, C.3).</p>	<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> • July 1 through earlier of July 10, or a 1,200 Chinook quota; • Aug. 1-29; • Sept. 1-30 (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook 27 inch total length minimum size limit (B). Landing and possession limit of 15 Chinook per vessel per day in July. All vessels fishing in this area must land and deliver all fish within this area, within 24 hours of any closure in this fishery, and prior to fishing outside of this area (C.1). See gear restrictions and definitions (C.2, C.3).</p>	<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> • Aug. 1-29; • Sept. 1-15 (C.9) <p>Seven days per week. All salmon except coho (C.7). Chinook 27 inch total length minimum size limit (B). All vessels fishing in this area must land and deliver all fish within this area, within 24 hours of any closure in this fishery, and prior to fishing outside of this area (C.1). See gear restrictions and definitions (C.2, C.3).</p>	
<p>Pt. Arena to Pigeon Pt. (San Francisco)</p> <ul style="list-style-type: none"> • May 1-31 • June 25 through July 6 • July 9-27 • July 30 through Aug. 29 • September 1-30 (C.9). <p>Seven days per week through July 6; Saturday through Wednesday July 9-27; Seven days per week thereafter. All salmon except coho (C.7). Chinook minimum size limit of 27 inches total length (B) (C.1). All fish must be landed in California and offloaded within 24 hours of the August 29 closure. All fish caught in the area when the Fort Bragg quota fisheries are open must be landed south of Point Arena (C1). See gear restrictions and definitions (C.2, C.3).</p> <p>Pt. Reyes to Pt. San Pedro (Fall Area Target Zone)</p> <ul style="list-style-type: none"> • October 3-14. <p>Monday through Friday. All salmon except coho (C.1). Chinook minimum size limit 27 inches total length (B). All vessels fishing in this area must land and deliver all fish between Point Arena and Pigeon Point. See gear restrictions and definitions (C.2, C.3).</p>	<p>Pt. Arena to Pigeon Pt. (San Francisco)</p> <ul style="list-style-type: none"> • May 1-31 • July 1 through Aug. 29 • September 1-30 (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook minimum size limit of 27 inches total length (B) (C.1). All fish must be landed in California and offloaded within 24 hours of the August 29 closure. All fish caught in the area when the Fort Bragg quota fisheries are open must be landed south of Point Arena (C1). See gear restrictions and definitions (C.2, C.3).</p>	<p>Pt. Arena to Pigeon Pt. (San Francisco)</p> <ul style="list-style-type: none"> • May 1 through June 7 • July 1 through Aug. 29 • September 1-15 (C.9). <p>Seven days per week. All salmon except coho (C.7). Chinook minimum size limit of 27 inches total length (B) (C.1). All fish must be landed in California and offloaded within 24 hours of the August 29 closure. All fish caught in the area when the Fort Bragg quota fisheries are open must be landed south of Point Arena (C1). See gear restrictions and definitions (C.2, C.3).</p>	
<p>Pigeon Pt. to U.S./Mexico Border (Monterey)</p> <p>Same as Pt. Arena to Pigeon Pt.</p>	<p>Pigeon Pt. to U.S./Mexico Border (Monterey)</p> <p>Same as Pt. Arena to Pigeon Pt.</p>	<p>Pigeon Pt. to U.S./Mexico Border (Monterey)</p> <p>Same as Pt. Arena to Pigeon Pt.</p>	
<p>State regulations require all fish shall be made available to a CDFG representative for sampling immediately at port of landing. Any person in possession of a salmon with a missing adipose fin, upon request by an authorized agent or employee of the CDFG, shall immediately relinquish the head of the salmon to the state. (California Fish and Game Code §8226)</p>			

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C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)	
B. MINIMUM SIZE (Inches) (See C.1)	

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:

- 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.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.

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C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS (continued)**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, the estimated time of arrival, and the specific reason landing in the open area is unavailable. In addition to contacting the U.S. Coast Guard, California State fishers must notify CDFG within one hour of delivery or prior to transport away from the port of landing by calling 800-889-8346. Notification shall include the same information as reported to the U.S. Coast Guard.

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.

TABLE 1. Commercial troll management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 9 of 9)

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

Alternative 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).

Alternative II: 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).

Alternative III: Beginning May 1, license holders may land no more than one Pacific halibut per each 4 Chinook, except one Pacific halibut may be landed without meeting the ratio requirement, and no more than 25 halibut may be landed per trip. Pacific halibut retained must be no less than 32 inches in total length (with head on).

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. Chinook remaining from the June and/or July non-Indian commercial troll quotas in the Oregon KMZ may be transferred to the Chinook quota for the next open period on a fishery impact equivalent basis.
- c. Chinook remaining from the June non-Indian commercial troll quota in the Fort Bragg area may be transferred to the July Fort Bragg quota on a fishery impact equivalent basis.
- d. 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).
- e. At the March 2012 meeting, the Council will consider inseason recommendations for special regulations for any experimental fisheries (proposals must meet Council protocol and be received in November 2011).
- f. 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.
- g. 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 Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 1 of 9)			3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
North of Cape Falcon	North of Cape Falcon	North of Cape Falcon	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
<p>1. Overall non-Indian TAC: 97,000 (non-mark-selective equivalent of 90,000) Chinook and 95,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 52,000 (non-mark selective equivalent of 45,000) Chinook and 79,800 marked coho; all retained coho must be marked.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: 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 6,000 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: 77,000 (non-mark-selective equivalent of 70,000) Chinook and 80,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 42,000 (non-mark selective equivalent of 35,000) Chinook and 67,200 marked coho; all retained coho must be marked.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: 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 6,000 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: 57,000 (non-mark-selective equivalent of 50,000) Chinook and a quota equivalent to 65,000 coho marked with a healed adipose fin clip (marked).</p> <p>2. Recreational TAC: 32,000 (non-mark selective equivalent of 25,000) Chinook and 54,600 marked coho; all retained coho must be marked.</p> <p>3. Trade of Chinook or coho between non-Indian commercial and recreational fisheries: May be considered at the April Council meeting.</p> <p>4. Area 4B add-on fishery of with a quota of 4,000 marked coho following the closure of the Neah Bay fishery (C.6).</p> <p>5. Buoy 10 fishery opens Aug. 1 with an expected landed catch of 7,000 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>U.S./Canada Border to Leadbetter Point</p> <ul style="list-style-type: none"> June 4 through earlier of June 25 or a coastwide marked Chinook quota of 12,000 (equivalent to a 5,000 non-selective Chinook quota) (C.5). Seven days per week. Two fish per day, all salmon except coho, all Chinook must be marked with a healed adipose fin clip (C.1). 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>U.S./Canada Border to Leadbetter Point</p> <ul style="list-style-type: none"> June 11 through earlier of June 30 or a coastwide marked Chinook quota of 12,000(C.5). Seven days per week. Two fish per day, all salmon except coho, all Chinook must be marked with a healed adipose fin clip (C.1). 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>Leadbetter Point to Cape Falcon</p> <ul style="list-style-type: none"> June 11 through earlier of June 25 or a coastwide marked Chinook quota of 12,000 (equivalent to a 5,000 non-selective Chinook quota) (C.5). Seven days per week. Two fish per day, all salmon except coho, all Chinook must be marked with a healed adipose fin clip (C.1). 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 	<p>Leadbetter Point to Cape Falcon</p> <p>Same as Alternative 1</p>		

recreational TAC for north of Cape Falcon (C.5).		
TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 2 of 9)		3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS		
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III
<p>U.S./Canada Border to Cape Alava (Neah Bay)</p> <ul style="list-style-type: none"> June 26 through earlier of September 18 or 8,300 marked coho subarea quota with a subarea guideline of 4,400 Chinook (C.5). <p>Seven days per week. All salmon except no chum beginning August 1; two fish per day plus two additional pink salmon; 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>U.S./Canada Border to Cape Alava (Neah Bay)</p> <ul style="list-style-type: none"> July 1 through earlier of September 18 or 6,990 marked coho subarea quota with a subarea guideline of 3,300 Chinook (C.5). <p>Seven days per week. All salmon except no chum beginning August 1; two fish per day, no more than one of which can be a Chinook plus one additional pink salmon; 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>U.S./Canada Border to Cape Alava (Neah Bay)</p> <ul style="list-style-type: none"> June 24 through earlier of September 18 or 4,940 marked coho subarea quota with subarea guidelines of 1,340 marked Chinook prior to July 23 and 2,200 non-mark selective Chinook thereafter. (C.5). <p>Tuesday through Saturday. All salmon, two fish per day, all coho must be marked; during the non-mark-selective Chinook period no more than one Chinook can be retained (C.1). Non-selective Chinook regulations will go into effect the earlier of July 25 or the next open day following attainment of the mark-selective Chinook guideline. 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>Cape Alava to Queets River (La Push Subarea)</p> <ul style="list-style-type: none"> June 26 through earlier of September 18 or 2,020 marked coho subarea quota with a subarea guideline of 1,850 Chinook (C.5). September 24 through earlier of October 9 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. <p>Seven days per week. All salmon; two fish per day plus two additional pink salmon; 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>Cape Alava to Queets River (La Push Subarea)</p> <ul style="list-style-type: none"> July 1 through earlier of September 18 or 1,700 marked coho subarea quota with a subarea guideline of 1,450 Chinook (C.5). September 24 through earlier of October 9 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. <p>Seven days per week. All salmon; two fish per day, no more than one of which can be a Chinook plus one additional pink salmon; 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>Cape Alava to Queets River (La Push Subarea)</p> <ul style="list-style-type: none"> June 24 through earlier of September 18 or 1,420 marked coho subarea quota with subarea guidelines of 560 marked Chinook prior to July 23 and 900 non-mark selective Chinook thereafter. (C.5). September 24 through earlier of October 9 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. <p>Tuesday through Saturday. All salmon, two fish per day, all coho must be marked; during the non-mark-selective Chinook period no more than one Chinook can be retained (C.1). Non-selective Chinook regulations will go into effect the earlier of July 25 or the next open day following attainment of the mark-selective Chinook guideline. 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>

A. SEASON ALTERNATIVE DESCRIPTIONS		
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III
<p>Queets River to Leadbetter Point (Westport Subarea)</p> <ul style="list-style-type: none"> June 26 through earlier of September 18 or 29,530 marked coho subarea quota with a subarea guideline of 23,400 Chinook (C.5). <p>Sunday through Thursday. All salmon, two fish per day plus two additional pink salmon; 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).</p>	<p>Queets River to Leadbetter Point (Westport Subarea)</p> <ul style="list-style-type: none"> July 3 through earlier of September 18 or 24,860 marked coho subarea quota with a subarea guideline of 17,500 Chinook (C.5). <p>Sunday through Thursday. All salmon, two fish per day, no more than one of which can be a Chinook plus one additional pink salmon; 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).</p>	<p>Queets River to Leadbetter Point (Westport Subarea)</p> <ul style="list-style-type: none"> June 26 through earlier of September 18 or 20,890 marked coho subarea quota with subarea guidelines of 7,000 marked Chinook prior to July 21 and 11,675 non-mark selective Chinook thereafter (C.5). <p>Sunday through Thursday. All salmon, two fish per day, all coho must be marked; during the non-mark-selective Chinook period no more than one Chinook can be retained (C.1). Non-selective Chinook regulations will go into effect the earlier of July 24 or the next open day following attainment of the mark-selective Chinook guideline. 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>Leadbetter Point to Cape Falcon (Columbia River Subarea)</p> <ul style="list-style-type: none"> June 26 through earlier of September 30 or 39,900 marked coho subarea quota with a subarea guideline of 10,300 Chinook (C.5). <p>Seven days per week. All salmon, two fish per day. 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).</p>	<p>Leadbetter Point to Cape Falcon (Columbia River Subarea)</p> <ul style="list-style-type: none"> June 26 through earlier of September 30 or 33,600 marked coho subarea quota with a subarea guideline of 7,700 Chinook (C.5). <p>Seven days per week. All salmon, two fish per day, no more than one of which can be a Chinook. 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).</p>	<p>Leadbetter Point to Cape Falcon (Columbia River Subarea)</p> <ul style="list-style-type: none"> July 3 through earlier of September 30 or 27,300 marked coho subarea quota with subarea guidelines of 3,100 marked Chinook prior to July 21 and 5,175 non-mark selective Chinook thereafter (C.5). <p>Seven days per week in July and September; Sunday through Thursday in August. All salmon, two fish per day, all coho must be marked; during the non-mark-selective Chinook period no more than one Chinook can be retained (C.1). Non-selective Chinook regulations will go into effect the earlier of July 24 or the 9day following attainment of the mark-selective Chinook guideline. 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>

TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 2 of 9)

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TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 4 of 9)			3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
South of Cape Falcon	South of Cape Falcon	South of Cape Falcon	
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 63,400 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 389,200 adults. 3. Klamath River recreational fishery allocation: 9,300 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 34,100 adult Klamath River fall Chinook. 5. Overall recreational TAC: 21,500 marked coho. 6. 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. 	<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 62,800 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 385,900 adults. 3. Klamath River recreational fishery allocation: 12,600 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 33,700 adult Klamath River fall Chinook. 5. Overall recreational coho TAC: 15,000 marked coho and 3,000 non-mark selective quotas. 6. 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. 	<ol style="list-style-type: none"> 1. Sacramento River Basin recreational fishery catch assumption: 64,300 adult Sacramento River fall Chinook. 2. Sacramento River fall Chinook spawning escapement of 394,900 adults. 3. Klamath River recreational fishery allocation: 14,300 adult Klamath River fall Chinook. 4. Klamath tribal allocation: 33,300 adult Klamath River fall Chinook. 5. Overall recreational coho TAC: 10,500 non-selective coho quota. 6. 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. 	

TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 5 of 9)			3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
South of Cape Falcon	South of Cape Falcon	South of Cape Falcon	
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
<p>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> Except as provided below during the all-salmon mark-selective coho fishery, the season will be March 15 through October 31 (C.6). <p>All salmon except coho; two fish per day (C.1). See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> All-salmon mark-selective coho fishery: Cape Falcon to OR/CA Border: June 25 through earlier of September 5 or a landed catch of 21,500 marked coho. The all salmon except coho season reopens the earlier of September 6 or attainment of the coho quota. Seven days per week. All salmon, two fish per day. All retained coho must be marked (C.1). <p>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).</p> <p>In 2012, 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).</p>	<p>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> Except as provided below during the all-salmon mark-selective and non-selective coho fisheries, the season will be March 15 through September 30 (C.6). <p>All salmon except coho; two fish per day (C.1). See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> Cape Falcon to Humbug Mt. all-salmon mark-selective coho fishery: July 2 through earlier of August 13 or a landed catch of 15,000 marked coho. Seven days per week. All salmon, two fish per day. All retained coho must be marked (C.1). Any remainder of the mark selective coho quota will be transferred on an impact neutral basis to the September non-selective coho quota listed below. The all salmon except coho season reopens the earlier of August 14 or attainment of the coho quota, through August 31. Cape Falcon to Humbug Mt. non-selective coho fishery: September 1 through the earlier of September 10 or a landed catch of 3,000 non-selective coho quota. Thursday through Saturday. All salmon, two fish per day. The all salmon except coho season reopens the earlier of September 11 or attainment of the coho quota. <p>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).</p> <p>In 2012, same as Alternative I</p>	<p>Cape Falcon to Humbug Mt.</p> <ul style="list-style-type: none"> Except as provided below during the all-salmon non-mark-selective coho fishery, the season will be March 15 through September 10 (C.6). <p>Seven days per week. All salmon except coho; two fish per day (C.1). See gear restrictions and definitions (C.2, C.3).</p> <ul style="list-style-type: none"> Cape Falcon to Humbug Mt. non-selective coho fishery: August 18 through the earlier of September 10 or a landed catch of 10,500 non-selective coho quota. Thursday through Saturday. All salmon, two fish per day. The all salmon except coho season will reopen if the coho quota is attained prior to September 10. <p>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).</p> <p>In 2012, same as Alternative I</p>	

TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 6 of 9)			3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
<p>Humbug Mt. to OR/CA Border. (Oregon KMZ)</p> <ul style="list-style-type: none"> Except as provided above during the all-salmon mark-selective coho fishery, the season will be May 7 through September 5 (C.6). <p>Seven days per week. All salmon except coho, two fish per day except as noted above in the all-salmon mark-selective coho fishery (C.1). Chinook minimum size limit of 24 inches total length (B). See gear restrictions and definitions (C.2, C.3).</p>	<p>Humbug Mt. to OR/CA Border. (Oregon KMZ)</p> <ul style="list-style-type: none"> May 21 through September 5 (C.6). <p>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).</p>	<p>Humbug Mt. to OR/CA Border. (Oregon KMZ)</p> <ul style="list-style-type: none"> May 28 through September 5 (C.6). <p>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).</p>	
<p>OR/CA Border to Horse Mt. (California KMZ)</p> <ul style="list-style-type: none"> May 7 through September 5 (C.6). <p>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.</p>	<p>OR/CA Border to Horse Mt. (California KMZ)</p> <ul style="list-style-type: none"> May 21 through September 5 (C.6). <p>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.</p>	<p>OR/CA Border to Horse Mt. (California KMZ)</p> <ul style="list-style-type: none"> May 28 through September 5 (C.6). <p>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.</p>	
<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> April 2 through November 13. <p>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).</p> <p>In 2012, season opens February 18 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 2011 (C.2, C.3).</p>	<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> April 2 through October 16. <p>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).</p> <p>In 2012, season opens March 17 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 2011 (C.2, C.3).</p>	<p>Horse Mt. to Point Arena (Fort Bragg)</p> <ul style="list-style-type: none"> April 2 through September 18. <p>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).</p> <p>In 2012, season opens April 7 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 2011 (C.2, C.3).</p>	
<p>Point Arena to Pigeon Point (San Francisco)</p> <ul style="list-style-type: none"> April 2 through November 13. <p>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).</p> <p>In 2012, season opens April 7 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 2011 (C.2, C.3).</p>	<p>Point Arena to Pigeon Point (San Francisco)</p> <ul style="list-style-type: none"> April 2 through October 16. <p>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).</p> <p>In 2012, same as Alternative I.</p>	<p>Point Arena to Pigeon Point (San Francisco)</p> <ul style="list-style-type: none"> April 2 through September 18. <p>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).</p> <p>In 2012, same as Alternative I.</p>	

TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 7 of 9) 3/8/2011 2:11 PM

A. SEASON ALTERNATIVE DESCRIPTIONS		
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III
<p>Pigeon Point to U.S./Mexico Border (Monterey South)</p> <ul style="list-style-type: none"> April 2 through October 2. <p>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).</p> <p>In 2012, season opens April 7 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 2011 (C.2, C.3).</p>	<p>Pigeon Point to U.S./Mexico Border (Monterey)</p> <ul style="list-style-type: none"> April 2 through October 16. <p>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).</p> <p>In 2012, same as Alternative I.</p>	<p>Pigeon Point to U.S./Mexico Border (Monterey)</p> <ul style="list-style-type: none"> April 2 through September 5. <p>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).</p> <p>In 2012, same as Alternative I.</p>

B. MINIMUM SIZE (Inches) (See C.1)

Area (when open)	Chinook Prior to Sept. 1	After Sept. 1	Coho	Pink
North of Cape Falcon	24.0	24.0	16.0	None
Cape Falcon to OR/CA Border	24.0	24.0	16.0	None
OR/CA Border to Horse Mt.	24.0	24.0	-	24.0
Horse Mt. to U.S./Mexico Border:				
Alternatives I and III	24.0	24.0	-	24.0
Alternative II	24.0	24.0	-	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).

TABLE 2. Recreational management Alternatives analyzed by the STT for non-Indian ocean salmon fisheries, 2011. (Page 8 of 9)	3/8/2011 2:11 PM
C. REQUIREMENTS, DEFINITIONS, RESTRICTIONS, OR EXCEPTIONS	

- 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).

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 an 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 Alternatives analyzed by the STT for ocean salmon fisheries, 2011. (Page 1 of 2)			3/8/2011 2:11 PM
A. SEASON ALTERNATIVE DESCRIPTIONS			
ALTERNATIVE I	ALTERNATIVE II	ALTERNATIVE III	
Supplemental Management Information	Supplemental Management Information	Supplemental Management Information	
<p>1. Overall Treaty-Indian TAC: 55,000 Chinook and 50,000 coho.</p> <p>2. 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: 45,000 Chinook and 42,000 coho.</p> <p>2. 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 30,000 coho.</p> <p>2. 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"> • May 1 through the earlier of June 30 or 27,500 Chinook quota. <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"> • July 1 through the earlier of September 15, or 27,500 preseason Chinook quota, or 50,000 coho quota. <p>All Salmon. See size limit (B) and other restrictions (C).</p>	<ul style="list-style-type: none"> • May 1 through the earlier of June 30 or 22,500 Chinook quota. <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 on an impact neutral basis. 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"> • July 1 through the earlier of September 15, or 22,500 preseason Chinook quota, or 42,000 coho quota. <p>All salmon. See size limit (B) and other restrictions (C).</p>	<ul style="list-style-type: none"> • May 1 through the earlier of June 30 or 17,500 Chinook quota. <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"> • July 1 through the earlier of September 15, or 17,500 preseason Chinook quota, or 30,000 coho quota. <p>All salmon. See size limit (B) and other restrictions (C).</p>	

TABLE 3. Treaty Indian troll management Alternatives analyzed by the STT for ocean salmon fisheries, 2011. (Page 2 of 2)

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B. MINIMUM SIZE (Inches)					
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 2004-2010. Fish taken during this fishery are to be counted against treaty troll quotas established for the 2011 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 2011 ocean fishery Alternatives analyzed by the STT.^{a/} (Page 1 of 2)

Key Stock/Criteria	Projected Ocean Escapement ^{b/} or Other Criteria (Council Area Impacts in Pareds)			Spawner Objective or Other Comparative Standard as Noted
	Alternative I	Alternative II	Alternative III	
CHINOOK				
Columbia Upriver Brights	417.5	418.5	419.5	88.2 Minimum ocean escapement to attain 60.0 adults over McNary Dam, with normal distribution and no mainstem harvest.
Mid-Columbia Brights	104.9	105.2	105.4	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	125.7	129.3	134.7	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)	39.3%	36.8%	34.4%	≤ 37.0% Total adult equivalent fishery exploitation rate; 2011 ESA guidance (NMFS ESA consultation standard).
Columbia Lower River Wild ^{c/} (threatened)	0.1	13.1	13.2	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	112.1	116.7	122.5	8.8 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	41.6%	37.5%	33.6%	≤ 70.0% Of 1988-1993 base period exploitation rate for all ocean fisheries (NMFS ESA consultation standard).
Klamath River Fall	35.0	35.0	35.0	35.0 Minimum number of adult spawners to natural spawning areas; FMP.
Federally recognized tribal harvest	50.0%	50.0%	50.0%	50.0% Equals 34.8, 34.6, and 34.5 (thousand) adult fish for Yurok and Hoopa tribal fisheries.
Spawner Reduction Rate	53.8%	53.8%	53.8%	≤ 66.7% FMP; equals 40.8, 40.8, and 40.8 (thousand) fewer adult spawners due to fishing.
Adult river mouth return	101.4	102.5	102.4	NA
Age 4 ocean harvest rate	16.0%	14.9%	15.3%	≤ 16.0% NMFS ESA consultation standard for threatened California Coastal Chinook.
KMZ sport fishery share	13.1%	13.2%	12.7%	No Council guidance for 2011.
River recreational fishery share	22.4%	26.4%	26.4%	≥ 15% 2011 Council Guidance. Equals 7.8, 9.1, and 9.1 (thousand) adult fish for recreational inriver fisheries.
Sacramento River Winter (endangered)	Met	Met	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 2011, fisheries south of Pt. Arena must have either a minimum size limit ≥ 24 inches total length, or be closed for two consecutive months 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 2011).
Sacramento River Fall	375.3	376.8	368.7	≥150-180 2011 Council and NMFS guidance for natural and hatchery adult spawners.
Ocean commercial impacts	190.9	191.1	202.8	All options include fall (Sept-Dec) 2010 impacts; equals 0 SRFC.
Ocean recreational impacts	102.7	100.7	98.4	All options include fall 2010 impacts (386 SRFC).
River recreational impacts	61.1	61.3	68.0	No guidance in 2011.No guidance in 2011.No guidance in 2011.
Hatchery spawner goal	Met	Met	Met	22.0 Aggregate number of adults to achieve egg take goals at Coleman, Feather River,

TABLE 5. Projected key stock escapements (thousands of fish) or management criteria for 2011 ocean fishery Alternatives analyzed by the STT.^{a/} (Page 2 of 2)

Key Stock/Criteria	Projected Ocean Escapement ^{b/} or Other Criteria (Council Area Impacts in Parens)			COHO	Spawner Objective or Other Comparative Standard as Noted
	Alternative I	Alternative II	Alternative III		
Interior Fraser (Thompson River)	12.2%(5.0%)	11.0%(4.1%)	10.0%(3.1%)	≤ 10.0%	2011 Southern U.S. exploitation rate ceiling; 2002 PSC coho agreement.
Skagit	37.8%(4.5%)	37.2%(3.7%)	36.5%(2.9%)	≤ 60.0%	2011 total exploitation rate ceiling; FMP matrixd/
Stillaguamish	27.6%(3.2%)	27.1%(2.6%)	26.6%(2.0%)	≤ 50.0%	2011 total exploitation rate ceiling; FMP matrixd/
Snohomish	26.3%(3.2%)	25.8%(2.6%)	25.3%(2.0%)	≤ 60.0%	2011 total exploitation rate ceiling; FMP matrixd/
Hood Canal	41.6%(4.7%)	41.0%(3.9%)	40.4%(3.0%)	≤ 65.0%	2011 total exploitation rate ceiling; FMP matrixd/
Strait of Juan de Fuca	12.7%(3.7%)	12.2%(3.1%)	11.4%(2.4%)	≤ 40.0%	2011 total exploitation rate ceiling; FMP matrixd/
Quillayute Fall	26.2	26.5	26.7	6.3-15.8	FMP objective MSY adult spawner ranged/
Hoh	9.8	10.0	10.2	2.0-5.0	FMP objective MSY adult spawner ranged/
Queets Wild	10.2	10.5	10.7	5.8-14.5	FMP objective MSY adult spawner ranged/
Grays Harbor	81.0	81.9	83.0	35.4	FMP objective MSY adult spawner ranged/
Lower Columbia River Natural (threatened)	12.8%	10.9%	8.8%	≤ 15.0%	Total marine and mainstem Columbia River fishery exploitation rate (NMFS ESA c)
Upper Columbia ^{e/}	>50%	>50%	>50%	≥ 50%	Minimum percentage of the run to Bonneville Dam.
Columbia River Hatchery Early	154.1	162.9	175.5	31.2	Minimum ocean escapement to attain hatchery egg-take goal of 14.1 early adult co
Columbia River Hatchery Late	93.0	100.9	110.4	9.3	Minimum ocean escapement to attain hatchery egg-take goal of 7.1 late adult coho
Oregon Coastal Natural	12.9%	12.9%	13.0%	≤ 15.0%	Marine and freshwater fishery exploitation rate.
Southern Oregon/Northern California Coast (threatened)	8.5%	7.9%	7.9%	≤ 13.0%	Marine fishery exploitation rate for R/K hatchery coho (NMFS ESA consultation st

a/ Projections in the table assume a WCVI mortality for coho of the 2010 preseason level. Chinook fisheries in Southeast Alaska, North Coast BC, and WCVI troll and outside sport fisheries were assumed to have the same exploitation rates as expected preseason in 2010, as modified by the 2008 PST agreement. Assumptions for these Chinook fisheries will be changed prior to the April meeting when allowable catch levels for 2011 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/ Includes minor contributions from East Fork Lewis River and Sandy River.

d/ 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.

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

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 2011 ocean fisheries management Alternatives analyzed by the STT.

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%	2.7%	2.8%	2.9%
BRITISH COLUMBIA	0.1%	0.1%	0.1%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	11.5%	11.7%	11.9%
PUGET SOUND/STRAIT	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.5%	0.5%	0.5%
NORTH OF CAPE FALCON												
Treaty Indian Ocean Troll	2.5%	2.1%	1.5%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	5.4%	4.5%	3.6%
Recreational	5.4%	4.5%	3.5%	1.0%	0.8%	0.6%	0.0%	0.0%	0.0%	3.3%	2.6%	1.9%
Non-Indian Troll	1.9%	1.5%	1.1%	0.5%	0.4%	0.3%	0.0%	0.0%	0.0%	5.9%	4.6%	3.3%
SOUTH OF CAPE FALCON												
Recreational:										0.1%	0.1%	0.0%
Cape Falcon to Humbug Mt.	1.4%	1.2%	1.0%	2.0%	2.5%	3.0%	0.2%	0.2%	0.2%			
Humbug Mt. OR/CA border (KMZ)	0.0%	0.1%	0.1%	0.2%	0.4%	0.5%	0.4%	0.8%	0.9%			
OR/CA border to Horse Mt. (KMZ)	0.1%	0.1%	0.1%	0.8%	0.7%	0.7%	3.5%	3.4%	3.4%			
Fort Bragg	0.0%	0.0%	0.0%	0.5%	0.5%	0.5%	1.3%	1.3%	1.2%			
South of Pt. Arena	0.0%	0.0%	0.0%	0.4%	0.4%	0.4%	1.0%	1.0%	1.0%			
Troll:										2.0%	1.9%	1.9%
Cape Falcon to Humbug Mt.	0.9%	0.8%	0.8%	1.1%	1.0%	0.9%	0.2%	0.1%	0.1%			
Humbug Mt. OR/CA border (KMZ)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%			
OR/CA border to Horse Mt. (KMZ)	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.9%	0.2%	0.0%			
Fort Bragg	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.2%			
South of Pt. Arena	0.0%	0.0%	0.0%	0.2%	0.2%	0.3%	0.2%	0.2%	0.3%			
BUOY 10	0.5%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.9%	8.2%	8.5%
ESTUARY/FRESHWATER	N/A	N/A	N/A	4.8%	4.8%	4.8%	0.2%	0.2%	0.2%			
TOTAL^{a/}	12.8%	10.9%	8.8%	12.9%	12.9%	13.0%	8.5%	7.9%	7.9%	39.3%	36.8%	34.4%

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

TABLE A-1. **Sacramento River fall Chinook** ocean impacts, including non-retention impacts where applicable, by fishery and option. Sacramento River fall Chinook impacts were estimated for the fall of 2010 and projected for each of the proposed 2011 fishing season options. The impacts are displayed for each option by fishery, port area, and month.

Commercial										
Option I										
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total	
	Sept	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug		
NO			1,600	9,016	6,896	4,654	7,969		30,135	30,135
CO			2,674	2,816	3,136	2,670	2,726		14,022	14,021
KO				103	681	463	260		1,507	1,507
KC					313	933	346		1,592	1,592
FB					925	912	9,738		11,575	11,575
SF				38,667	5,902	25,418	9,009		78,996	78,997
MO				35,223	3,778	12,524	1,517		53,042	53,043
Total			4,275	85,825	21,631	47,573	31,566		190,870	190,870

Option II										
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total	
	Sep	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug		
NO			1,600	9,016	6,896	3,453	7,969		28,934	28,934
CO			2,674	2,816	3,136	1,981	2,726		13,333	13,333
KO				103	341	463	391		1,298	1,297
KC						467	173		640	640
FB						729	9,738		10,467	10,468
SF				38,667		34,816	9,009		82,492	82,492
MO				35,223		17,199	1,517		53,939	53,940
Total			4,275	85,825	10,372	59,107	31,523		191,102	191,102

Option III										
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total	
	Sep	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug		
NO			1,600	9,016	6,896	3,453	6,170		27,135	27,134
CO			2,674	2,816	3,136	1,981	2,110		12,717	12,717
KO				103	341	386	260		1,090	1,090
KC										
FB							9,738		9,738	9,738
SF				38,667	7,177	36,414	9,009		91,267	91,268
MO				35,223	5,963	18,116	1,517		60,819	60,819
Total			4,275	85,825	23,512	60,349	28,805		202,766	202,766

Recreational											
Option I											
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total		
	Sep	Oct Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug		
NO	18				8	13	75	628	585	1,309	1,327
CO					8	12	262	1,029	529	1,840	1,841
KO	27					398	696	993	522	2,609	2,636
KC						1,917	2,458	2,519	1,292	8,186	8,187
FB	62				287	1,090	2,907	3,802	1,521	9,607	9,670
SF	279				5,853	6,504	9,998	20,615	9,357	52,327	52,606
MO					10,054	3,847	4,872	6,626	1,017	26,416	26,416
Total	386				16,209	13,783	21,269	36,212	14,824	102,297	102,683

Option II											
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total		
	Sep	Oct Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug		
NO	18				8	13	16	608	299	944	962
CO					8	12	107	1,002	363	1,492	1,493
KO	27					175	696	993	522	2,386	2,413
KC						844	2,458	2,519	1,292	7,113	7,114
FB	62				287	1,090	2,907	3,802	1,521	9,607	9,670
SF	279				5,853	6,504	9,998	20,615	9,357	52,327	52,606
MO					10,054	3,847	4,872	6,626	1,017	26,416	26,416
Total	386				16,209	12,486	21,055	36,165	14,371	100,286	100,673

Option III											
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total		
	Sep	Oct Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug		
NO	18				8	13	16	12	187	236	255
CO					8	12	107	192	298	617	618
KO	27					64	696	993	522	2,275	2,301
KC						307	2,458	2,519	1,292	6,576	6,577
FB	62				287	1,090	2,907	3,802	1,521	9,607	9,670
SF	279				5,853	6,504	9,998	20,615	9,357	52,327	52,606
MO					10,054	3,847	4,872	6,626	1,017	26,416	26,416
Total	386				16,209	11,838	21,055	34,760	14,195	98,057	98,443

TABLE B-1. **Klamath River fall Chinook** ocean impacts, including non-retention impacts where applicable, by fishery and option. Klamath River fall Chinook impacts were estimated for the fall of 2010 and projected for each of the proposed 2011 fishing season options. The impacts are displayed for each option by fishery, port area, and month.

Commercial												
Option I												
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total			
	Sept	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug	Total	Total		
NO				83	284	134	368	1,047	1,916	1,917		
CO				152	349	382	1,696	3,170	5,749	5,749		
KO					51	408	372	336	1,167	1,166		
KC						642	415	667	1,724	1,724		
FB							327	264	3,859	4,450		
SF						2,106	1,110	4,185	593	7,994		
MO						568	344	890	9	1,811		
Total				235	3,358	3,347	8,191	9,680	24,811	24,811		

Option II												
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total			
	Sept	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug	Total	Total		
NO				83	284	134	278	1,057	1,836	1,836		
CO				152	349	383	1,278	3,194	5,356	5,356		
KO					51	204	372	503	1,130	1,130		
KC							208	333	541	541		
FB								211	3,880	4,097		
SF						2,106		5,819	597	8,522		
MO						568		1,243	9	1,820		
Total				235	3,358	721	9,408	9,580	23,302	23,303		

Option III												
Port Area	Fall 2010		Summer 2011					Summer Total	Year Total			
	Sept	Oct-Dec	Mar	Apr	May	Jun	Jul	Aug	Total	Total		
NO				83	284	134	275	811	1,587	1,587		
CO				152	349	383	1,265	2,456	4,605	4,605		
KO					51	204	310	336	901	900		
KC												
FB								3,863	3,863	3,863		
SF						2,106	1,351	6,026	594	10,077		
MO						568	543	1,295	9	2,415		
Total				235	3,358	2,615	9,171	8,069	23,448	23,448		

Recreational													
Option I													
Port Area	Fall 2010			Summer 2011					Summer Total	Year Total			
	Sept	Oct	Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug	Total	Total	
NO									40	41	81	82	
CO							6	33	113	72	224	225	
KO							17	163	444	504	1,128	1,128	
KC							408	760	884	565	2,617	2,616	
FB						11	98	281	353	82	825	825	
SF						115	55	219	246	10	645	646	
MO						76	17	33	72	9	207	207	
Total						201	601	1,490	2,153	1,283	5,728	5,729	

Option II													
Port Area	Fall 2010			Summer 2011					Summer Total	Year Total			
	Sept	Oct	Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug	Total	Total	
NO									40	21	61	61	
CO							6	14	112	50	182	181	
KO							7	163	450	509	1,129	1,129	
KC							179	761	894	570	2,404	2,405	
FB						11	98	281	357	82	829	830	
SF						115	55	220	249	10	649	649	
MO						76	17	33	73	9	208	208	
Total						201	363	1,472	2,175	1,252	5,463	5,464	

Option III													
Port Area	Fall 2010			Summer 2011					Summer Total	Year Total			
	Sept	Oct	Nov-Dec	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug	Total	Total	
NO									1	13	14	14	
CO							6	14	21	41	82	82	
KO							3	164	446	504	1,117	1,117	
KC							65	761	888	565	2,279	2,279	
FB						11	98	281	355	82	827	827	
SF						115	55	220	248	10	648	648	
MO						76	17	33	72	9	207	207	
Total						201	244	1,473	2,031	1,225	5,174	5,174	

TABLE C-1. Klamath River fall Chinook **age-4 ocean HARVEST** by fishery and option. Klamath River fall Chinook age-4 HARVEST was projected for each of the proposed 2011 fishing season options. The harvest are displayed for each option by fishery, port area, and month.

Commercial										
Option I										
Port Area	Fall 2010		Mar	Summer 2011					Summer Total	Year Total
	Sept	Oct-Dec		Apr	May	Jun	Jul	Aug		
NO				60	222	93	151	368	894	893
CO				115	240	222	597	703	1,877	1,876
KO					33	177	128	85	423	423
KC						234	134	185	553	553
FB						114	91	698	903	904
SF					879	494	1,418	103	2,894	2,894
MO					453	174	361	8	996	996
Total				175	1,826	1,508	2,880	2,150	8,539	8,539

Option II										
Port Area	Fall 2010		Mar	Summer 2011					Summer Total	Year Total
	Sep	Oct-Dec		Apr	May	Jun	Jul	Aug		
NO				60	222	93	115	374	864	863
CO				115	240	222	454	715	1,746	1,746
KO					33	89	129	128	379	379
KC							68	93	161	161
FB							74	710	784	784
SF					879		1,993	105	2,977	2,977
MO					453		509	8	970	970
Total				175	1,826	404	3,341	2,132	7,878	7,879

Option III										
Port Area	Fall 2010		Mar	Summer 2011					Summer Total	Year Total
	Sep	Oct-Dec		Apr	May	Jun	Jul	Aug		
NO				60	222	93	113	285	773	772
CO				115	240	222	446	544	1,567	1,567
KO					33	89	107	84	313	313
KC										
FB								698	698	698
SF					879	601	2,046	103	3,629	3,629
MO					453	275	526	8	1,262	1,261
Total				175	1,826	1,280	3,237	1,722	8,240	8,240

Recreational													
Option I													
Port Area	Fall 2010			Jan-Feb	Mar	Summer 2011					Summer Total	Year Total	
	Sep	Oct	Nov-Dec			Apr	May	Jun	Jul	Aug			
NO									8	8		16	16
CO								1	7	22	14	44	44
KO								4	33	88	173	298	297
KC								87	153	174	214	628	628
FB							2	21	57	70	16	166	165
SF							24	12	44	49	2	131	131
MO							16	4	7	14	2	43	42
Total							43	128	300	425	429	1,325	1,324

Option II													
Port Area	Fall 2010			Jan-Feb	Mar	Summer 2011					Summer Total	Year Total	
	Sep	Oct	Nov-Dec			Apr	May	Jun	Jul	Aug			
NO									8	4		12	12
CO								1	3	22	10	36	36
KO								2	33	90	176	301	301
KC								38	153	179	218	588	588
FB							2	21	57	71	16	167	167
SF							24	12	44	50	2	132	132
MO							16	4	7	15	2	44	42
Total							43	77	296	435	427	1,278	1,278

Option III													
Port Area	Fall 2010			Jan-Feb	Mar	Summer 2011					Summer Total	Year Total	
	Sep	Oct	Nov-Dec			Apr	May	Jun	Jul	Aug			
NO										3		3	3
CO								1	3	4	8	16	16
KO								1	33	88	173	295	295
KC								14	153	176	214	557	557
FB							2	21	57	70	16	166	166
SF							24	12	44	49	2	131	131
MO							16	4	7	14	2	43	42
Total							43	52	296	401	417	1,209	1,209