

## NATIONAL MARINE FISHERIES SERVICE REPORT

Situation: National Marine Fisheries Service (NMFS) will report on the status of regulatory and non-regulatory activities and issues affecting ocean salmon fishery management.

### **Council Task**:

- 1. Provide information and discussion.**

### Reference Materials:

1. None.

### Agenda Order:

- a. Agendum Overview
- b. Reports and Comments of Advisory Bodies
- c. Public Comment
- d. Council Discussion

Bill Robinson

PFMC  
08/21/02

TABLE D.2.a. Sequence of events in ocean salmon fishery management, 2002<sup>a/</sup> (page 1 of 7)

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**GENERAL MANAGEMENT ACTIONS AND INSEASON CONFERENCES**

Mar. 11	National Marine Fisheries Service (NMFS) provides the Council with a letter outlining the 2001 management guidance for stocks listed under the Endangered Species Act (ESA).
Mar. 12	NMFS inseason conference number one (at the Council meeting) results in a Council recommendation to open the commercial fishery off Oregon from Cape Falcon to the Oregon/California border on March 20 for all salmon except coho, and the recreational fishery from Cape Falcon to Humbug Mt. on April 1 for all salmon except coho. There were no requests for test fisheries opening prior to May 1.
Mar. 14	Council adopts three troll and three recreational ocean salmon fishery management options for public review.
Mar. 20-21	North of Cape Falcon Salmon Forum meets in Portland, Oregon to initiate consideration of recommendations for treaty Indian and non-Indian salmon management options.
Apr. 1-2	Council holds public hearings on proposed 2002 management options in three locations within the three Pacific Coast states. In addition, the states of Oregon and California hold additional hearings in Tillamook, Oregon and Moss Landing, California, respectively.
Apr. 2-3	North of Cape Falcon Salmon Forum meets in Seattle, Washington to further consider recommendations for treaty Indian and non-Indian salmon management options.
Apr. 11	Council adopts final ocean salmon fishery management recommendations for approval and implementation by the U.S. Secretary of Commerce. The proposed measures include selective fisheries and comply with the salmon fishery management plan (FMP) and the current biological opinions for listed species. An emergency rule is not required for implementation.
May 7	Ocean salmon seasons implemented as recommended by the Council and published in the <i>Federal Register</i> on May 7 (67 FR 36016).
June 5	NMFS inseason conference number two results in closure of the U.S./Canada border to Cape Falcon non-Indian commercial troll fishery effective midnight, June 7, 2002, because the quota of 50,000 chinook was projected to be met.
June 26	NMFS inseason conference number three results in an initial opening period of the non-Indian commercial troll salmon season from the U.S./Canada border to Cape Falcon from July 1-8 with a 250 fish landing limit per vessel for the eight day period.
July 11	NMFS inseason conference number four results in a second opening period of the non-Indian commercial troll salmon season from the U.S./Canada border to Cape Falcon from July 12-22 with a 400 fish landing limit per vessel for the 11 day period, and a requirement to land fish within 24 hours of the closure and to provide notice to Oregon Department of Fish and Wildlife for vessels landing fish south of Cape Falcon.
July 18	NMFS inseason conference number five results a minimum size limit of 28 inches for chinook in the Westport, La Push, and Neah Bay ocean recreational salmon fishery, and a minimum size limit of 26 inches in the Columbia River ocean recreational salmon fishery, to slow the chinook catch rate. The respective chinook guidelines for the four areas north of Cape Falcon were combined into one quota for the entire area, and recalculated to account for hook and release mortality of fish less than the new minimum sizes. The new quota is 42,769 (47,500 pre-season plus 569 rollover from May/June fishery - 5,300 hook-and-release mortality).
July 23	NMFS inseason conference number six results in closure of the Horse Mt. to Point Arena non-Indian commercial salmon fishery effective July 23, 2002, as the quota of 10,000 was projected to have been met.
July 25	NMFS inseason conference number seven results in an update of the Cape Falcon to Humbug Mt. selective recreational coho fishery, but no action was taken as the quota was not projected to be taken until the following week.

**GENERAL MANAGEMENT ACTIONS AND INSEASON CONFERENCES, (continued)**

- July 25 NMFS inseason conference number eight results in a third opening period of the non-Indian commercial troll salmon season from the U.S./Canada border to Cape Falcon from July 26 to August 5 with a 500 fish landing limit per vessel for the 11 day period.
- July 26 NMFS inseason conference number nine results in closure of the Humbug Mt. to Oregon/California border non-Indian commercial salmon fishery effective July 26,2002 as the quota of 1,500 chinook was projected to have been met.
- July 29 NMFS inseason conference number ten results in closure of the Cape Falcon to Humbug Mt. selective recreational coho fishery effective August 1, 2002 as the quota of 22,500 adipose fin clipped coho was projected to have been met.
- Aug. 2 NMFS inseason conference number eleven results in a forth opening period of the non-Indian commercial troll salmon season from the U.S./Canada border to Cape Falcon from August 9-18 with a 400 fish landing limit per vessel for the 10 day period, and rescinding the restriction of a maximum of 4-spreads per line in the Cape Falcon to Leadbetter Point area to allow better access to coho.
- Aug. 14 NMFS inseason conference number twelve results in prohibiting chinook retention in the Columbia River, La Push, and Neah Bay recreational ocean fisheries effective August 8, 2002; changing the bag limit in the Westport recreational ocean salmon fishery to two salmon, no more than one of which may be a chinook, effective August 11-15; and closing the Westport fishery on Friday and Saturday, August 16-17 pending an update. The overall chinook quota for the north of Cape Falcon recreational ocean salmon fishery was reduced by 1,800 chinook to 40,969 to account for hook and release mortality associated with the coho only regulation for the Columbia River, La Push, and Neah Bay areas.
- Aug. 15 NMFS inseason conference number thirteen results in allowing two additional days in the Westport recreational ocean salmon fishery, August 18-19, with closure of the fishery effective midnight August 19, 2002.

**NON-INDIAN COMMERCIAL TROLL SEASONS**

- Mar. 20 Cape Falcon to Florence south jetty, non-Indian commercial all-salmon-except-coho fishery opens through July 15. The fishery will reopen August 1 through 29 and September 1 through October 31.
- Florence south jetty to Humbug Mt., non-Indian commercial all-salmon-except-coho fishery opens through June 30. The fishery will reopen July 17 through August 29 and September 1 through October 31.
- Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery opens through May 31. The fishery is scheduled to reopen June 1 through the earlier of June 30 or a 3,000 chinook quota, reopen again July 1 through the earlier of July 31 or a 1,500 chinook quota, reopen again August 1 through the earlier of August 29 or a 3,000 chinook quota, and reopen again September 1 through the earlier of September 30 or a 2,000 chinook quota.
- May 1 U.S./Canada border to Cape Falcon, non-Indian commercial all-salmon-except-coho fishery opens through the earlier of June 30 or a 50,000 chinook quota guideline.
- Pt. Arena to Pigeon Point, non-Indian commercial all-salmon-except-coho fishery opens through September 30.
- Pigeon Point to U.S./Mexico border, non-Indian commercial all-salmon-except-coho fishery opens through September 30.

**NON-INDIAN COMMERCIAL TROLL SEASONS, (continued)**

May 31	Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery closes. The fishery is scheduled to reopen June 1 through the earlier of June 30 or a 3,000 chinook quota, reopen again July 1 through the earlier of July 31 or a 1,500 chinook quota, reopen again August 1 through the earlier of August 29 or a 3,000 chinook quota, and reopen again September 1 through the earlier of September 30 or a 2,000 chinook quota.
June 1	Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery reopens through the earlier of June 30 or a 3,000 chinook quota.
June 7	U.S./Canada border to Cape Falcon, non-Indian commercial all-salmon-except-coho fishery closes effective midnight as the 50,000 chinook guideline is reached.
June 30	Florence South Jetty to Humbug Mt., non-Indian commercial all-salmon-except-coho fishery closes. The fishery is scheduled to reopen July 17 through August 29, and September 1 through October 31.  Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery closes as scheduled. The fishery is scheduled to reopen July 1 through the earlier of July 31 or a 1,500 chinook quota, reopen again August 1 through the earlier of August 29 or a 3,000 chinook quota, and reopen again September 1 through the earlier of September 30 or a 2,000 chinook quota.
July 1	Humbug Mt. to Oregon/California border, all-salmon-except-coho fishery reopens through the earlier of July 29 or a 1,500 chinook quota.
July 1-8	U.S./Canada border to Cape Falcon, non-Indian commercial all-salmon-except-coho fishery opens with a 250 chinook landing limit per vessel for the eight day open period. The fishery is scheduled to run through the earlier of September 8 or a guideline of 35,532 chinook (32,500 preseason plus 3,032 rollover from May/June season).
July 12-22	U.S./Canada border to Cape Falcon, non-Indian commercial all-salmon-except-coho fishery opens with a 400 chinook landing limit per vessel for the eleven day open period.
July 15	Cape Falcon to Florence south jetty, non-Indian commercial all-salmon-except-coho fishery closes. The fishery is scheduled to reopen August 1 through 29 and September 1 through October 31
July 17	Florence south jetty to Humbug Mt., Oregon, all-salmon-except-coho fishery opens through August 29.
July 20	Horse Mt. to Point Arena, non-Indian commercial all-salmon-except-coho fishery opens through the earlier of July 30 or a 10,000 chinook quota.
July 23	Horse Mt. to Point Arena, non-Indian commercial all-salmon-except-coho fishery closes effective midnight as the 10,000 chinook quota is reached. The fishery is scheduled to reopen August 1 through August 30 and again September 1 through September 30.
July 26	Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery closes effective midnight as the 1,500 chinook quota is reached.
July 26-Aug. 5	U.S./Canada border to Cape Falcon, non-Indian commercial all-salmon-except-coho fishery opens with a 500 chinook landing limit per vessel for the eleven day open period.
Aug. 1-5	Leadbetter Point to Cape Falcon, non-Indian commercial fishery opens for the selective retention of coho with a healed adipose fin clip and the chinook landing restrictions for the U.S./Canada border to Cape Falcon fishery. Coho retention is scheduled to run through the earlier of September 8 or a subarea quota of 5,000 coho, or a chinook guideline of 35,532 for the U.S./Canada border to Cape Falcon, non-Indian commercial fishery.

**NON-INDIAN COMMERCIAL TROLL SEASONS, (continued)**

Aug. 1	<p>Horse Mt. to Point Arena, non-Indian commercial all-salmon-except-coho fishery opens through August 30.</p> <p>Humbug Mt. to Oregon/California, border non-Indian commercial all-salmon-except-coho fishery reopens through the earlier of August 29 or a 3,000 chinook quota.</p> <p>Cape Falcon to Florence south jetty, Oregon, non-Indian commercial all-salmon-except-coho fishery opens through August 29.</p>
Aug. 9-18	<p>U.S./Canada border to Cape Falcon, non-Indian commercial fishery opens with a 400 chinook landing limit per vessel for the ten day open period.</p>
Aug. 16	<p>Oregon/California border to Humboldt south jetty, non-Indian commercial all-salmon-except-coho fishery opens through the earlier of August 30 or a 3,000 chinook quota. The fishery reopens September 1 through the earlier of September 30 or a 10,000 chinook quota.</p>
Aug. 29	<p>Cape Falcon to Florence south jetty, non-Indian commercial all-salmon-except-coho fishery closes for 2 days. The fishery reopens September 1 through October 31.</p> <p>Florence south jetty to Humbug Mt., non-Indian commercial all-salmon-except-coho fishery closes for 2 days. The fishery reopens September 1 through October 31.</p> <p>Scheduled closure of the Humbug Mt. to Oregon/California border, non-Indian commercial all-salmon-except-coho fishery. The fishery reopens September 1 through the earlier of September 30 or a 2,000 chinook quota.</p>
Aug. 30	<p>Scheduled closure of the Oregon/California border to Humboldt south jetty, non-Indian commercial all-salmon-except-coho fishery</p> <p>Horse Mt. to Point Arena, non-Indian commercial all-salmon-except-coho fishery closes for one day. Fishery reopens September 1 through September 30.</p>
Sep. 1	<p>Cape Falcon to Florence south jetty, non-Indian commercial all-salmon-except-coho fishery reopens through October 31.</p> <p>Florence south jetty to Humbug Mt., non-Indian commercial all-salmon-except-coho fishery reopens through October 31.</p> <p>Humbug Mt. to Oregon/California, border non-Indian commercial all-salmon-except-coho fishery reopens through the earlier of September 30 or a 2,000 chinook quota.</p> <p>Oregon/California border to Humboldt south jetty, non-Indian commercial all-salmon-except-coho fishery reopens through the earlier of September 30 or a quota of 10,000 chinook.</p> <p>Horse Mt. to Pt. Arena, all-salmon-except-coho fishery reopens through September 30.</p>
Sep. 8	<p>Scheduled closure of the U.S./Canada border to Cape Falcon, non-Indian commercial salmon fishery.</p>
Sept. 30	<p>Pigeon Pt. to U.S./Mexico border, non-Indian commercial all-salmon-except-coho fishery closes.</p> <p>Pt. Arena to Pigeon Pt., non-Indian commercial all-salmon-except-coho fishery closes.</p> <p>Horse Mt. to Pt. Arena, non-Indian commercial all-salmon-except-coho fishery closes.</p> <p>Scheduled closure of the Oregon/California border to Humboldt south jetty, non-Indian commercial fishery.</p> <p>Scheduled closure of the Humbug Mt. to Oregon/California border, non-Indian commercial fishery.</p>

**NON-INDIAN COMMERCIAL TROLL SEASONS, (continued)**

- Oct. 1 Pt. Reyes to Pt. San Pedro, non-Indian commercial all-salmon-except-coho fishery opens Monday through Friday through October 18.
- Oct. 18 Pt. Reyes to Pt. San Pedro, non-Indian commercial all-salmon-except-coho fishery closes.
- Oct. 31 Cape Falcon to Florence south jetty non-Indian commercial all-salmon-except-coho fishery closes.  
Florence south jetty to Humbug Mt., non-Indian commercial all-salmon-except-coho fishery closes.

**TREATY INDIAN COMMERCIAL TROLL SEASONS**

- May 1 All-salmon-except-coho fisheries open through the earlier of June 30 or a 30,000 chinook quota for the May through June season (any remainder of the quota is not transferable to the July 1 through September 15 season).
- June 30 All-salmon-except-coho fisheries close as scheduled.
- July 1 All-salmon fisheries open through the earlier of September 15, a 30,000 chinook quota, or a 60,000 coho quota.
- Sept. 15 All-salmon fisheries close.

**RECREATIONAL SEASONS**

- Feb. 16 Horse Mt. to Pt. Arena, all-salmon-except-coho fishery opens through July 7. The fishery is scheduled to reopen July 20 through November 17.
- Mar. 30 Pigeon Pt. to the U.S./Mexico border, all-salmon-except-coho fishery opens through September 29.
- Apr. 1 Cape Falcon to Humbug Mt., all-salmon-except-coho fishery opens through October 31. The fishery allows retention of adipose fin clipped coho beginning July 7 through the earlier of August 4 or a 22,500 coho quota, then reverts back to all-salmon-except-coho for the remainder of the season.
- Apr. 13 Point Arena to Pigeon Pt., all-salmon-except-coho fishery opens through November 10.
- May 15 Humbug Mt. to Horse Mt., all-salmon-except-coho fishery opens through June 30. The fishery reopens July 3 through 4, and reopens again August 1 through September 15.
- May 25 U.S./Canada border to Cape Falcon, all-salmon-except-coho fishery opens through the earlier of June 16 or a 20,000 chinook quota.
- June 16 U.S./Canada border to Cape Falcon, all-salmon-except-coho fishery closes as scheduled.
- June 30 Queets River to Leadbetter Pt., all-salmon fishery opens though the earlier of September 8, a 32,000 chinook guideline, or a 39,280 coho quota. Fishery runs Sunday to Thursday through August 15, and seven days per week starting August 16. Daily-bag-limit is two fish; all coho must have a healed adipose fin clip.  
Humbug Mt. to Horse Mt., all-salmon-except-coho fishery closes. The fishery reopens July 3 through 4, and reopens again August 1 through September 15.
- July 3 Humbug Mt. to Horse Mt., all-salmon-except-coho fishery reopens through July 4.
- July 4 Humbug Mt. to Horse Mt., all-salmon-except-coho fishery closes. The fishery reopens August 1 through September 3.

**RECREATIONAL SEASONS, (continued)**

July 7	<p>U.S./Canada border to Cape Alava, all-salmon fishery opens seven days per week through the earlier of September 8, a 2,600 chinook guideline, or a 11,780 coho quota. Daily-bag-limit is two fish; all coho must have a healed adipose fin clip.</p> <p>Cape Alava to Queets River, all-salmon fishery opens seven days per week though the earlier of September 8, a 1,500 chinook guideline, or a 2,770 coho quota. Daily-bag-limit is two fish; all coho must have a healed adipose fin clip.</p> <p>Leadbetter Pt. to Cape Falcon, all-salmon fishery opens though the earlier of September 30, a 11,200 chinook guideline, or a 55,700 coho quota. Fishery runs Sunday to Thursday through August 15, and seven days per week starting August 16. Daily-bag-limit is two fish; all coho must have a healed adipose fin clip. Closed between Tillamook Head and Cape Falcon beginning August 1.</p> <p>Horse Mt. to Pt. Arena, all-salmon-except-coho fishery closes. The fishery is scheduled to reopen July 20 through November 17.</p> <p>Cape Falcon to Humbug Mt., all-salmon selective coho fishery opens seven days per week through the earlier of August 4 or a quota of 22,500 coho; all coho must have a healed adipose fin clip. The fishery reopens for all-salmon-except-coho the earlier of August 5 or the attainment of the coho quota, through October 31.</p>
July 20	Horse Mt. to Pt. Arena, all-salmon-except-coho fishery reopens through November 17.
July 21	U.S./Canada border to Cape Alava, Cape Alava to Queets River, and Queets River to Leadbetter Pt., fisheries increase chinook minimum length from 24 inches to 28 inches; Leadbetter Pt. to Cape Falcon all-salmon fishery increases chinook minimum length from 24 inches to 26 inches; chinook quota for all areas north of Cape Falcon adjusted for additional hook-and-release mortality on 24- 28-inch fish to 42,769 (47,500 preseason plus 569 rollover from May/June season - 5,300 for hooking mortality).
July 26	Cape Falcon to Humbug Mt., all-salmon selective coho fishery closes as the coho quota of 22,500 is reached.
July 27	Cape Falcon to Humbug Mt., all-salmon-except-coho fishery reopens following the closure of the all-salmon selective coho fishery through October 31.
Aug. 1	Humbug Mt. to Horse Mt., all-salmon-except-coho fishery reopens through September 15.
Aug. 8	U.S./Canada border to Cape Alava, Cape Alava to Queets River, and Leadbetter Pt. to Cape Falcon fisheries prohibit retention of chinook.
	Queets River to Leadbetter Pt., all-salmon fishery bag limit changed to two fish, only one of which may be a chinook.
Aug. 15	Queets River to Leadbetter Pt., all-salmon fishery closes for two days.
Aug. 18	Queets River to Leadbetter Pt., all-salmon fishery reopens through August 19.
Aug. 19	Queets River to Leadbetter Pt., all-salmon fishery closes.
Sept. 8	Scheduled closure of the U.S./Canada border to Cape Alava, all-salmon selective coho fishery.
	Scheduled closure of the Cape Alava to Queets River, all-salmon selective coho fishery.
Sept. 15	Humbug Mt. to Horse Mt., all-salmon-except-coho fishery closes.
Sept. 21	La Push area (Teahwhit Head to "Q" buoy to Cake Rock east to the shoreline), all-salmon selective coho fishery reopens through the earlier of October 21, a 100 chinook guideline, or a 100 coho quota.
Sep. 29	Pigeon Pt. to U.S./Mexico border, all-salmon-except-coho fishery closes.

**RECREATIONAL SEASONS, (continued)**

Sept. 30	Scheduled closure of the Leadbetter Pt. to Cape Falcon, all-salmon selective coho fishery
Oct. 6	Scheduled closure of the La Push area, all-salmon selective coho fishery.
Oct. 31	Cape Falcon to Humbug Mt., all-salmon-except-coho fishery closes.
Nov. 10	Pt. Arena to Pigeon Pt., all-salmon-except-coho fishery closes.
Nov. 17	Horse Mt. to Pt. Arena, all-salmon-except-coho fishery closes.

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a/ Unless stated otherwise, season openings or modifications of restrictions are effective at 0001 hours of the listed date. Closures are effective at midnight.



**STATUS REPORT OF THE 2002 OCEAN SALMON FISHERIES OFF WASHINGTON, OREGON, and CALIFORNIA.**  
 Preliminary Data Through August 31, 2002.

Fishery and Area	Season Dates	Effort Days fished	CHINOOK			COHO		
			Catch	Quota	Percent	Catch	Quota	Percent
<b>TROLL</b>								
a/ Treaty Indian	5/1-6/30	159	16,161	30,000	54%	Non-Retention		
	7/1-9/15	124	19,768	30,000	66%	8,080	60,000	13%
b/, c/ Non-Indian North of Falcon	5/1-6/7	710	46,986	50,000	94%	Non-Retention		
d/	7/1-8/28	1,000	35,082	35,532	99%	Non-Retention		
Leadbetter Pt. - Cape Falcon	8/1-8/28	w/above	w/ above	w/ above	w/ above	1,687	5,000	34%
Cape Falcon-Florence S. Jetty	3/20-7/15	2,500	38,900	None	NA	Non-Retention		
	8/1-8/29	700	11,200	None	NA	Non-Retention		
	9/1-10/31			None	NA	Non-Retention		
Florence S. Jetty - Humbug Mt.	3/20-6/30	2,600	63,500	None	NA	Non-Retention		
	7/17-8/29	700	17,000	None	NA	Non-Retention		
	9/1-10/31			None	NA	Non-Retention		
Humbug Mtn-OR/CA Border	3/20-5/31	40	200	None	NA	Non-Retention		
	6/1-6/30	60	800	3,000	27%	Non-Retention		
	7/1-7/26	80	1,400	1,500	93%	Non-Retention		
	8/1-8/29	70	1,300	3,000	43%	Non-Retention		
	9/1-9/30			2,000	0%	Non-Retention		
OR/CA Border -Humboldt S. Jetty	8/16-8/30	100	1,970	3,000	66%	Non-Retention		
	9/1-9/30			10,000	0%	Non-Retention		
Horse Mtn-Pt. Arena	7/20-7/23	195	17,280	10,000	173%	Non-Retention		
	8/1-8/30	840	31,200	None	NA	Non-Retention		
	9/1-9/30			None	NA	Non-Retention		
Pt. Arena-Pigeon Pt.	5/1-9/30	5,400	265,800	None	NA	Non-Retention		
Pt. Reyes to Pt. San Pedro	10/1-10/18			None	NA	Non-Retention		
Pigeon Pt.-US/Mexico Border	5/1-9/30	2,900	70,600	None	NA	Non-Retention		

Fishery and Area	Season Dates	Effort Angler Days	CHINOOK			COHO		
			Catch	Quota	Percent	Catch	Quota	Percent
<b>RECREATIONAL</b>								
c/ US/Canada Border to Cape Falcon	5/25-6/16		19,437	20,000		Non-Retention		
b/, e/ US/Canada Border-Cape Alava	7/7-9/8	17,317	3,777	2,600	145%	11,780		0%
b/, e/ Cape Alava-Queets River	7/7-9/8	10,180	1,724	1,600	108%	2,770		0%
	9/21-10/6	2,542		100	0%	100		0%
b/, e/ Queets River-Leadbetter Pt.	6/30-8/19	29,296	26,987	32,000	84%	39,280		0%
b/, e/ Leadbetter Pt.-Cape Falcon	7/7-9/30	42,846	8,426	11,200	75%	55,700		0%
Cape Falcon-Humbug Mtn	4/1-10/31	22,000	15,400	None	NA	Non-Retention		
	7/7-7/29	33,400	12,300	None	NA	22,500		0%
Humbug Mtn-Horse Mtn	5/15-6/30	15,800	11,400	None	NA	Non-Retention		
	7/3-7/4	900	435	None	NA	Non-Retention		
	8/1-9/15	13,500	8,500	None	NA	Non-Retention		
Horse Mtn-Pt. Arena	2/16-7/7	18,200	19,300	None	NA	Non-Retention		
	7/20-11/17	12,200	11,200	None	NA	Non-Retention		
Pt. Arena-Pigeon Pt.	4/13-11/10	78,300	82,100	None	NA	Non-Retention		
Pigeon Pt.-US/Mexico Border	3/30-9/29	56,300	40,400	None	NA	Non-Retention		

TOTALS TO DATE	Effort			Chinook Catch			Coho Catch		
	2002	2001	2000	2002	2001	2000	2002	2001	2000
<b>TROLL</b>									
Treaty Indian	283	539	241	35,929	25,382	7,660	8,080	36,755	22,174
Washington Non-Indian	1,310	714	407	54,425	20,852	10,226	170	4,984	4,833
Oregon	7,200	8,300	4,100	160,000	212,000	62,000	1,500	6,300	6,600
California	9,435	10,600	16,400	386,850	155,500	417,300	0	0	0
Total Troll	18,228	20,153	21,148	637,204	413,734	497,186	9,750	48,039	33,607
<b>RECREATIONAL</b>									
Washington	74,224	107,800	47,300	38,518	21,409	8,478	69,014	143,089	66,132
Oregon	78,200	101,900	60,200	35,700	21,200	5,100	33,400	87,700	10,000
California	183,900	140,300	191,100	167,200	84,400	165,500	1,200	1,300	500
Total Recreational	336,324	350,000	298,600	241,418	127,009	179,078	103,614	232,089	76,632
PFMC Total	354,552	370,153	319,748	878,622	540,743	676,264	113,364	280,128	110,239

- a/ Treaty troll effort is reported as landings.
- b/ Numbers shown as chinook quotas for non-Indian troll and recreational fisheries North of Falcon are guidelines rather than quotas. Only the total chinook allowable catch is a quota.
- c/ All coho fisheries are mark selective for coho with healed adipose fin clips.
- d/ Preseason chinook guideline of 32,500 chinook.
- e/ For areas north of Cape Falcon, the total allowable chinook catch quota as of August 31, 2002 was 40,933 resulting from a 47,500 preseason quota plus 550 remaining from May-June chinook fishery minus 5,300 for hooking mortality associated with inseason change in size limits minus 1,817 for hooking mortality associated with inseason change to chinook nonretention in all areas except Leadbetter Point to Queets River. Values for individual

## UPDATE OF ONGOING FISHERIES

Situation: A summary of the management events for the 2002 salmon season (updated through August 31) is contained in Exhibit D.2.a. Through August 20, there have been 13 inseason management conferences to adjust fisheries. Most conferences resulted in orderly closure of quota fisheries or modifications of season dates, size, bag, and landing limits. The commercial quota fisheries in July for Fort Bragg and for the Oregon portion of the Klamath Management Zone exceeded their respective quotas and were closed on short notice.

Mr. Dell Simmons, Chair of the Salmon Technical Team (STT), will provide detailed effort and harvest data for salmon fisheries through the end of August in his report to the Council (Supplemental STT Report D.2.b).

### Council Task:

1. **Discuss issues relevant to inseason management of salmon fisheries.**

### Reference Materials:

1. Sequence of Events in Ocean Salmon Fishery Management, January through August 21, 2002 (Exhibit D.2.a, Sequence of Events).
- ✓ 2. Status Report of the 2002 Ocean Salmon Fisheries off Washington, Oregon, and California (Exhibit D.2.b, Supplemental STT Report). *received 9-11-02*

### Agenda Order:

- a. Sequence of Events
- b. Status of Fisheries
- c. Reports and Comments of Advisory Bodies
- d. Public Comment
- e. Council Discussion

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PFMC  
08/21/02

**Subject: Early reminder - Sal. Meth. Rev.****Date:** Thu, 25 Jul 2002 12:14:59 -0700**From:** Chuck Tracy <Chuck.Tracy@mercury.akctr.noaa.gov>**To:** Henry Yuen <henry\_yuen@fws.gov>, Doug Milward <Milwadam@dfw.wa.gov>, Dell Simmons <Dell.Simmons@noaa.gov>, Robert Kope <Robert.Kope@noaa.gov>, Gary Morishima <Morikog@aol.com>, Michael Mohr <Michael.Mohr@noaa.gov>, Allen Grover <AGrover@dfg2.ca.gov>, Mike Burner <Mike.Burner@state.or.us>, Chuck Tracy <Chuck.Tracy@noaa.gov>, Melodie Palmer-Zwahlen <mpalmerz@dfg2.ca.gov>, Alan Byrne <abyrne@idfg.state.id.us>, Brian Allee <ballee@nwppc.org>, Kevin Hill <khill@ucsd.edu>, Peter Lawson <Peter.W.Lawson@noaa.gov>, "Robert H. Conrad" <bconrad@nwifc.wa.gov>, Shijie Zhou <shijie.zhou@state.or.us>, Burnie Bohn <BOHNB@DFW.STATE.OR.US>, LB Boydston <LBBoydston@dfg.ca.gov>, Phil Anderson <anderpma@dfw.wa.gov>**CC:** Larrie LaVoy <LaVoyLWL@dfw.wa.gov>, Jim Packer <PackerJFP@dfw.wa.gov>

Greetings all:

This is just a reminder that the Council will be establishing priorities for salmon methodology review by the SSC at the September Council meeting. A rather long list of potential subjects was considered at the April Council Meeting (see below), and it will be useful to have updates on the priorities and whether some of the projects are suitably complete for review. It is unlikely that the SSC will have time to review all the subjects this year, or that all will be ready for review. Please discuss these projects with appropriate parties and have recommendations ready for the September meeting.

Thanks.

1. Klamath Ocean Harvest Model (KOHM) Effort Estimates for Ft. Bragg Area: A review of the KOHM effort submodel is needed to examine commercial fishing effort estimates, which are apparently high and unrealistic for the Ft. Bragg cell.
2. Coho Impact Model (CIM) for California: Coho encounters modeled for California are not scaled to Oregon Production Index coho abundance as they are for fisheries north of the Klamath Management Zone.
3. Oregon Coastal Natural (OCN) Coho Prediction Methodology: The OCN coho prediction methodology has performed poorly in the past several years.
4. Oregon Department of Fish and Wildlife (ODFW) Management Plan for Lower Columbia River Coho: ODFW is developing a fishery management plan for Lower Columbia River (LCR) coho and has requested SSC review of the document. ODFW's LCR Recovery Plan includes an exploitation rate matrix which may constrain Council-managed ocean fisheries.
5. Fishery Regulation Assessment Model (FRAM) Models for Mark-Selective Fisheries: The chinook FRAM has reportedly been modified by Mr. Jim Packer to accommodate mark-selective fisheries using methodologies similar to that of the coho FRAM. In addition to modeling harvest impacts, effects of mark-selective fisheries on the coast-wide coded-wire tag database are of concern.
6. Columbia River Fall Chinook Abundance Predictors: The current Columbia River fall chinook predictor is based on inriver run size. A more useful predictor for the purpose of fishery modeling would account

for ocean abundance.

7. Coho FRAM Terminal Fisheries: The coho FRAM may need to be revised in the way it handles terminal fisheries in the final time step.

8. Protocol for Boundary Changes: The STT raised a concern that there is no standard methodology for evaluating impacts of changing management boundaries for salmon stocks. At this point, it is unclear whether this is a technical issue for further consideration by the SSC.

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SCIENTIFIC AND STATISTICAL COMMITTEE COMMENTS ON UPDATE ON SCIENTIFIC AND  
STATISTICAL COMMITTEE METHODOLOGY REVIEW

The Scientific and Statistical Committee (SSC), in consultation with the Salmon Technical Team (STT), reviewed the status of the salmon methodology topics identified as possible review candidates at the April 2002, Council meeting. There has been little progress on most of these items due, primarily, to limited agency resources. Modifications to the chinook Fisheries Regulation Assessment Model (FRAM) for mark-selective fisheries are scheduled for review in October. Two other items, the Management Plan for Lower Columbia River coho salmon and coho FRAM Terminal Fisheries may have material for review in early 2003. Discussion of specific projects identified in April follows.

1. Klamath Ocean Harvest Model (KOHM) effort estimates for Ft. Bragg area: there has been no subsequent work. At the start of the March Council meeting the STT was going to use 1980s data to model 2002 Ft. Bragg effort in July and August. The STT responded to objections that the effort levels were inappropriate by modeling effort shifts from Monterey and San Francisco based on historical contribution rates. By December they will have complete data from 2002 fisheries in the Ft. Bragg area. The STT will have a summary of the performance of the model by March 2003. At that time the Council can make a decision on the need for future reviews. The STT anticipates using the revised method for 2003.
2. Coho Impact Model (CIM) for California: additional coho encounter rate data have been gathered by the California Department of Fish and Game (CDFG). No analysis or modeling has been done.
3. Oregon Coastal Natural (OCN) coho salmon prediction methodology: no new predictors have been proposed.
4. Oregon Department of Fish and Wildlife (ODFW) Management Plan for Lower Columbia River coho salmon: the draft plan needs data cleanup and method improvements. A reviewable document may be available in early 2003.
5. FRAM for mark-selective fisheries: the Washington Department of Fish and Wildlife (WDFW) has modified the chinook FRAM to accommodate mark-selective fisheries. The SSC will review these modifications in October.
6. Columbia River Fall chinook abundance predictors: there has been some preliminary work on producing ocean run-size predictors for these stocks. No methodology review is needed at this time.
7. Coho FRAM terminal fisheries: The Coho Technical Committee (CoTC) of the Pacific Salmon Commission (PSC) is in the process of working to modify the coho FRAM for bilateral management. Upcoming changes are anticipated to include: breaking the September-December time step into separate September and October-December time strata; incorporation of additional fishery sequences in the final time step to accommodate preterminal/terminal/extreme terminal fisheries; and addition of fishery and stock strata for Canadian management. The CoTC anticipates these modifications will be ready for use in 2004 and wishes to schedule a status update for the SSC in January or February 2003.
8. Protocol for boundary changes: when management boundaries shift, the associated fisheries databases change so historical information is not consistent with new management areas. There are usually insufficient data to evaluate effects of boundary changes or to model fishery impacts based on the resulting new management areas. There are no proposals for a protocol.

SALMON ADVISORY SUBPANEL REPORT ON SCIENTIFIC AND STATISTICAL COMMITTEE  
METHODOLOGY REVIEW PRIORITIES

The Salmon Advisory Subpanel has discussed the proposed methodology reviews listed in Exhibit D.3.a and have determined only number 5, Fishery Regulation Assessment Models (FRAMs) for Mark-Selective Fisheries, will be ready for review prior to the November Council meeting. The chinook FRAM has reportedly been modified by Mr. Jim Packer to accommodate mark-selective fisheries using methodologies similar to that of the coho FRAM. In addition to modeling harvest impacts, effects of mark-selective fisheries on the coast-wide coded-wire tag database are of concern.

The remainder of the Methodology Reviews listed in D.3.a are not ready for review at this time.

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SALMON TECHNICAL TEAM REPORT ON  
SCIENTIFIC AND STATISTICAL COMMITTEE METHODOLOGY REVIEW PRIORITIES

Of the eight methodology changes suggested in April for potential review this fall and implementation in 2003, only one will be ready for review by the Scientific and Statistical Committee (SCC) this cycle. The Washington Department of Fish and Wildlife has modified the Chinook Fishery Regulation Assessment Model (FRAM) model, used extensively by the Salmon Technical Team (STT) to estimate fishery impacts North of Cape Falcon, to allow analysis of the effects of mark selective fisheries for Chinook salmon. Methodologies employed are similar to those used to analyze selective fisheries for Coho.

The STT recommends the Council make review of this model a high priority if selective fisheries for Chinook are anticipated to occur in 2003 in either Council area or inside waters.

Several methodologies mentioned last spring are still being developed, but will not be available for Council use before 2004. These include direct prediction of Columbia River Chinook ocean abundance, and modifications to the Coho FRAM model necessary for implementation of the 2002 Coho agreement with Canada.

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## SCIENTIFIC AND STATISTICAL COMMITTEE METHODOLOGY REVIEW PRIORITIES

Situation: Each year, the Scientific and Statistical Committee (SSC) completes a methodology review to help assure new or significantly modified methodologies employed to estimate impacts of the Council's salmon management use the best available science. This review is preparatory to the Council's adoption, at the November meeting, of all proposed changes to be implemented in the coming season, or, in certain limited cases, of providing directions for handling any unresolved methodology problems prior to the formulation of salmon management options the following March. Because there is insufficient time to review new or modified methods at the March meeting, the Council may reject their use if they have not been approved the preceding November.

At its April 2002 meeting, the Council identified a list of potential subjects for the methodology review. These subjects are identified in a reminder letter sent out to the responsible agencies in July 2002, which requests agencies be prepared to speak to the status of the subjects in terms of completeness and priority (Exhibit D.3.a, Attachment 1). All materials for review are to be received at the Council office at least three weeks prior to the scheduled review meeting of the SSC salmon subcommittee, which is likely to be in mid- to late-October.

### Council Action:

1. Determine whether or not it is likely methodologies identified for review will be ready for the SSC salmon subcommittee meeting in October.
2. Set priorities for SSC review of methodologies.

### Reference Materials:

1. Email to the agencies from Chuck Tracy dated July 25, 2002 (Exhibit D.3.a, Attachment 1).
2. Scientific and Statistical Committee Comments on Update on Scientific and Statistical Committee Methodology Review (Exhibit D.3.b, Supplemental SSC Report).

### Agenda Order:

- a. Agendum Overview
- b. SSC Report
- c. Agency and Tribal Reports and Comments
- d. Reports and Comments of Advisory Bodies
- e. Public Comment
- f. **Council Action:** Confirm Salmon Methodology Review Priorities

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