

**Draft Minutes  
Klamath Fishery Management Council  
March 7, 1999  
Oxford Suites Hotel  
Portland, OR  
Meeting # 56**

2:00 pm      CONVENE MEETING

**Members present:**

<b>Dave Bitts</b>	<b>California Commercial Salmon Fishing Industry</b>
<b>Virginia Bostwick</b>	<b>California In-river Sport Fishing Community</b>
<b>Troy Fletcher</b>	<b>Non-Hoopa Indians Residing in the Klamath Conservation Area</b>
<b>Ron Iverson</b>	<b>Department of the Interior</b>
<b>Steve King (for D. McIsaac)</b>	<b>Oregon Department of Fish and Wildlife</b>
<b>Paul Kirk</b>	<b>California Offshore Recreational Fishing Industry</b>
<b>Jim Lone</b>	<b>Pacific Fisheries Management Council</b>
<b>Leonard Masten, Jr.</b>	<b>Hoopa Valley Tribe</b>
<b>Dan Viele</b>	<b>National Marine Fisheries Service</b>
<b>Keith Wilkinson</b>	<b>Oregon Commercial Salmon Fishing Industry</b>

**Other Speakers:**

<b>Jennifer Silveira</b>	<b>Yreka Fish and Wildlife Office, U.S. Fish and Wildlife Service</b>
<b>George Kautsky</b>	<b>Technical Advisory Team, Hoopa Fisheries Dept.</b>
<b>Duncan MacLean</b>	<b>Salmon Advisory Sub-panel, Califor</b>

**Iverson served as chair in Don McIsaac's absence, as there was no vice chair yet elected.**

**Agendum 1. Review, approve agenda**

The following additions were made to the agenda:

**Item 12a:** status of marking yearlings at the Iron Gate Hatchery (has it been done the past 2 years?)  
(Fletcher)

**Item 6a:** Information on the environmental impact statement (EIS) for long term operations of the  
Klamath Project (Fletcher)

**Include in Item 12** a wrap-up of the common objectives of the Task Force (TF) and Klamath Fishery  
Management Council (KFMC) (Kirk)

**Motion: to approve agenda with changes.**

**[Passed unanimously]**

**Agendum 2. Review handouts**

Silveira reviewed the handouts for the meeting (see Attachment 1).

**Agendum 3. Nomination of vice chair**

Bostwick nominated Wilkinson for vice chair. Wilkinson nominated Kirk for vice chair. Wilkinson requested a short caucus. After the caucus, Kirk declined nomination.

**Motion: to elect Keith Wilkinson as vice chair.**

**[Passed unanimously]**

**Wilkinson assumed chair.**

**Agendum 4. Report on assistance to the California Department of Fish and Game (CDFG) on the inriver non-tribal fishery recommendation**

Kautsky explained that the Technical Advisory Team (TAT) received this assignment on February 25, 1999, (see Handouts B and C), and had insufficient time to complete it. They were not prepared to comment on the likelihood of the options exceeding the quota, but hoped to have more information later in the week.

Fletcher asked the TAT to “brainstorm” ideas for CDFG, rather than do a lot of technical work. He suggested one idea: giving the CDFG authority to close the fishery when the quota is exceeded.

Bostwick reminded the Council that they had agreed not to tell each other how to run their fisheries. She suggested dropping the jack size limit, and wondered whether an underage in the ocean sport fishery could be rolled over to the inriver fishery.

Kautsky stated that there are many variables in the inriver fishery (gear, closures, regulations), and the TAT has most of its experience in ocean fisheries and modeling, so they are not comfortable “throwing around ideas” without time to consider them carefully.

Bostwick questioned whether a letter sent to Jerry Mallet of the PFMC by the Yurok tribe (see Handout D), alleging “the consistent over-harvest by the recreational fishery violates [the tribal] harvest sharing mandate” was correct.

Fletcher replied that the TAT could verify that.

**Agendum 5. Harvest rate model results on range of options passed February 25, 1999**

Kautsky presented two runs of the Quick Harvest Rate Model (QHRM): one using a 15% inriver share (See Handout F, dated 2/17/99), and one using a 20% inriver share (See Handout G, dated 3/7/99). With a 15% inriver share, total harvest was 29,929; tribal harvest was 14,965; ocean harvest was 12,720; and inriver recreational harvest was 2,245. With a 20% share, total harvest was 29,765; tribal harvest was 14,882; ocean harvest was 11,906; and inriver recreational harvest was 2,976. He cautioned that the QHRM is simplistic compared to the Klamath Ocean Harvest Model (KOHM), so there are differences in the results of the two models-- usually less than 300 fish.

Iverson pointed out that the natural spawner escapement shown in the model runs was slightly under 35,000, and asked whether that would be acceptable to the National Marine Fisheries Service (NMFS).

Viele replied that rounded to the nearest 100 the number would be 35,000, and so would probably be acceptable.

Lone, Kirk, Wilkinson, Fletcher and Bostwick discussed whether the options detailing the inriver fishery should be included in the options forwarded to the PFMC, but no conclusion was reached.

**Agendum 6. Public comment**

Duncan MacLean, salmon advisor for California troll, suggested since the inriver fishery goes over its quota, that the Council start by giving the in-river fishery a smaller allocation, or if not a smaller allocation, then institute a buffer.

Agendum 6a. Long term interim environmental impact statement (EIS) for the Klamath Project  
Fletcher described how a long term interim EIS on flows in the Klamath River, now being developed by the Bureau of Reclamation (BOR), may be in effect for 25 years or more, until the Oregon adjudication is finished. He said that in the past the BOR has not reached out to in-river and coastal communities in their scoping process, and BOR economic models have not adequately included fisheries. He encouraged members and interested parties to become involved in the scoping process for the EIS by attending meetings (March 24 in Eureka), writing letters, and submitting comments on scoping documents.

**Agendum 7. Action: Develop a range of options for the 1999 management season, for discussion with Salmon Advisory Sub-panel; assign TAT to analyze technical feasibility of options**

Members reviewed the matrix of options (Handout E) approved by the Council at the February 25, 1999, meeting for modeling purposes by the TAT.

Lone and Kirk expressed disappointment that the matrix was not included by staff as an attachment to the letter to Robert Treanor of the California Fish and Game Commission (Commission), drafted at the February meeting (Handout C).

Bostwick stated she did not support sending the matrix to the PFMC as a recommendation, due to the in-river sport fishery options.

Members discussed the details of the matrix.

Lone made and later withdrew a motion for a fourth option that included a season designed by the Commission with in-river constituents.

Fletcher asked for a short caucus.

Bostwick offered a motion after the caucus:

**Motion: To add to the matrix an Option 4, with the rows for the Commercial, KMZ sport and Tribal fisheries being the same as Option 3, and with the “share” row of the River fishery saying “.15 to .20 range of the non-tribal share”, and with the “sub-quotas” row of the River fishery saying “the Commission will design regulations with CDFG staff and continuants, with the primary goal of meeting in-river sport management objectives”.**

King offered a friendly amendment that the footnote “Oregon fisheries held harmless to increase of 5%” be added to Option 4. The amendment was accepted, but after discussion of modeling the option to see the effect, King withdrew the friendly amendment.

Iverson offered a friendly amendment that was accepted:

**Friendly amendment: To add “for modeling purposes” to the matrix.**

**[Motion passed unanimously]**

Staff reviewed the motions and assignments. Staff was assigned to write a brief cover letter to Robert Treanor including an invitation to the next KFMC meeting, and to fax the matrix with the cover letter. The TAT was assigned to present ideas on the inriver sport fishery.

Wilkinson set the next meeting for Tuesday, March 9, at 12:00 pm in the Rogue room of the Columbia River Doubletree.

5:00 pm      RECESS

Klamath Fishery Management Council  
March 9, 1999  
Rogue room, Columbia River Doubletree Hotel  
Portland, OR  
Meeting # 56, (cont.)

12:00 pm, RECONVENE

**Members present:**

<b>Dave Bitts</b>	<b>California Commercial Salmon Fishing Industry</b>
<b>Virginia Bostwick</b>	<b>California In-river Sport Fishing Community</b>
<b>L.B. Boydston</b>	<b>California Department of Fish and Game</b>
<b>Troy Fletcher</b>	<b>Non-Hoopa Indians Residing in the Klamath Conservation Area</b>
<b>Ron Iverson</b>	<b>Department of the Interior</b>
<b>Don McIsaac</b>	<b>Oregon Department of Fish and Wildlife</b>
<b>Paul Kirk</b>	<b>California Offshore Recreational Fishing Industry</b>
<b>Jim Lone</b>	<b>Pacific Fisheries Management Council</b>
<b>Leonard Masten Jr.</b>	<b>Hoopa Valley Tribe</b>
<b>Dan Viele</b>	<b>National Marine Fisheries Services</b>
<b>Keith Wilkinson</b>	<b>Oregon Commercial Salmon Fishing Industry</b>

**Other Speakers:**

<b>George Kautsky</b>	<b>Technical Advisory Team, Hoopa Fisheries Dept.</b>
<b>Patty Wolf</b>	<b>California Department of Fish and Game</b>
<b>Michael Mohr</b>	<b>National Marine Fisheries Services</b>
<b>Jerry Reinholdt</b>	<b>Salmon Advisory Sub-panel</b>
<b>Jim Welter</b>	<b>Salmon Advisory Sub-panel</b>

Iverson reported to members that the matrix with cover letter had been faxed to Robert Treanor (Handout I), but that there was an error on one of the cells of the matrix. Under Option III, the river share cell should have said “.20 of non-tribal share” instead of “.15 of non-tribal share”.

Boydston introduced Mr. Treanor in the audience, who noted the correction.

McIsaac asked Mr. Treanor to come forward to speak.

Treanor explained the Commission meeting schedule and process for their in-river allocation decision.

Boydston asked whether the State could limit the number of fish taken per week using the salmon punch cards.

Treanor replied that it was possible, and that seasonal or annual bag limits had been discussed by the Commission, but not implemented.

Bostwick pointed out that there is a possession limit.

Treanor distinguished that from a bag limit, because with a possession limit you can eat your fish to stay under the limit.

Bitts pointed out the footnote in the matrix holding Oregon fisheries harmless from an increase in the inriver allocation, and explained that Option III would be modeled with Oregon held harmless and Option IV without, to see the effect on ocean fisheries.

Wilkinson expressed concern that the Commission would not hear the results of the PFMC's public review hearings on the options, held at the end of March.

Treanor replied that Boydston would update the Commission at their April 2 meeting.

McIsaac thanked Mr. Treanor.

#### **Agendum 8. Report from the Salmon Advisory Sub-panel (SAS)**

Bitts said that the SAS was considering the KFMC's options, that the California and Oregon delegates would separately submit options for their states, and that no controversy was anticipated.

Fletcher said that the SAS was preparing 1) comments on the sport fishery overage, 2) comments on the KOHM revision, and 3) input to the habitat committee.

Lone said that the SAS made a very negative comment on the lack of follow-up on the KOHM.

Boydston said that NMFS had been doing the majority of the work on the KOHM, and the CDFG needed to fill a personnel position that would assist in the KOHM revision. He cautioned that the KOHM revision would not solve all the problems with the model.

Patty Wolf, CDFG, added that John Geible would be assigned immediately to work on the KOHM.

Michael Mohr said the last year's version of the KOHM was almost ready for use this year.

#### **Agendum 4 (cont.) Report from the TAT on options for the inriver sport fishery**

Kautsky handed out a report (Handout J): Comments on Klamath Recreational Fishery Modeling. He explained how the management of the inriver fishery (apportioning harvest above and below Coon Cr. Falls) was originally designed based on empirical data. He stressed that the system works only if the harvest periods above and below the falls are uninterrupted. Recently the harvest periods have been broken up by intermittent closures to allow Labor Day harvests, leading to overages. Any further movement toward a seasonal approach, such as the options under consideration, would increase the risk of overages.

The members discussed shutting down the fishery once it meets the quota, the real-time monitoring (such as boat ramp surveys) needed to do that, and the possibility of a bias adjustment factor to avoid overages.

Boydston assured the members that the CDFG will try to meet the allocation.

McIsaac assigned the TAT to review the inriver Options I – III, and assign them to one of two categories: “likely to exceed the quota” and “not likely to exceed the quota”.

**Agendum 10. Public comment**

Jerry Reinholdt, Salmon Advisory Sub-panel, said he was astounded that the KFMC could consider an inriver allocation greater than 15% given the 400+% overage. He urged the KFMC to hold Oregon fisheries harmless.

Jim Welter, Salmon Advisory Sub-panel, Port of Brookings Harbor, said he did not believe the Klamath fish were present in a May ocean fishery.

Wilkinson made a motion setting the next meeting:

**Motion: to meet from 10:00 am until 1:00 pm on March 10, at the same location.**

Boydston said he would not be able to attend at that time.

**[Motion passed unanimously]**

12:00 pm      RECESS

Klamath Fishery Management Council  
March 10, 1999  
Rogue room, Columbia River Doubletree Hotel  
Portland, OR  
Meeting # 56, (cont.)

10:00 am RECONVENE

**Members present:**

<b>Dave Bitts</b>	<b>California Commercial Salmon Fishing Industry</b>
<b>Virginia Bostwick</b>	<b>California In-river Sport Fishing Community</b>
<b>Patty Wolf</b> <b>(for L.B. Boydston)</b>	<b>California Department of Fish and Game</b>
<b>Troy Fletcher</b>	<b>Non-Hoopa Indians Residing in the Klamath Conservation Area</b>
<b>Ron Iverson</b>	<b>Department of the Interior</b>
<b>Don McIsaac</b>	<b>Oregon Department of Fish and Wildlife</b>
<b>Paul Kirk</b>	<b>California Offshore Recreational Fishing Industry</b>
<b>Leonard Masten Jr.</b>	<b>Hoopa Valley Tribe</b>
<b>Dan Viele</b>	<b>National Marine Fisheries Services</b>
<b>Keith Wilkinson</b>	<b>Oregon Commercial Salmon Fishing Industry</b>

**Other Speakers:**

<b>Jennifer Silveira</b>	<b>Yreka Fish and Wildlife Office, U.S. Fish and Wildlife Service</b>
<b>Alan Baracco</b>	<b>California Department of Fish and Game</b>

**Agendum 12. Report from committee on essential fisheries monitoring for FY 2000**

Handout K, "Essential monitoring needs for Klamath Basin Stock/Harvest Assessment", was distributed. Members discussed the document, agreeing that Section II addressed the urgent "tin cup" shortfalls, and that Section III addressed the "life boat" needs that Boydston had suggested the Pacific States Marine Fisheries Commission (PSMFC) might help lobby for, for Fiscal Year (FY) 2000.

Fletcher suggested that for the "tin cup" shortfall #2, (marking of Iron Gate Hatchery (IGH) fall chinook yearlings), the Yurok tribe would be willing to decode snouts of hatchery returns (an activity CDFG has funding for), thus loosening up \$5000 that could be applied to tagging.

Viele, Fletcher and McIsaac discussed "tin cup" shortfall #3, maxillary marking of IGH coho, concluding that the mark is not used on the Klamath, so this is not a priority.

McIsaac pointed out that although the Task Force can be asked to fund "tin cup" shortfall #1 (upper Klamath creel survey), the tagging must be done before the Task Force's next meeting in June.

Iverson said that all Task Force proposals pertaining to harvest monitoring will be earmarked for TAT review by the Yreka Fish and Wildlife Office. If the upper Klamath creel survey were submitted as a proposal and granted funding by the Task Force, it would be treated as a fast-track item for funding early in FY 2000.

Bitts suggested that Handout K was a good start, but was too telegraphic.

Masten pointed out that the Hoopa active creel count and census were missing from Section III.

McIsaac pointed out that the report did not include an upper river census, necessary to monitor when the inriver quota is exceeded.

A subcommittee of Bitts, Fletcher, Masten and Wolf (if she could make it) was established to add missing items and finalize the report.

Iverson described four main categories where fisheries restoration funding is deficient on the Klamath: 1) monitoring for harvest management (\$2 million); 2) the flow study (over \$20 million); 3) restoration activities; 4) program administration. He said people feel that the Department of the Interior should pay for the activities beyond the Klamath Act. He said Wilkinson, Fletcher and he would meet with others in the Department of Interior this spring and draft a “talking paper” on the “big boat” needs, to be reviewed by the Task Force in the fall.

**Agendum 15. Member comments on Umpqua and Rogue River spring chinook mass marking proposal**

Fletcher commented that if the mass marking proposal were for the Klamath, he would have concerns about additional hooking mortality.

Bostwick commented that such a proposal on the Klamath would benefit the inriver recreational fishery.

Wolf commented that the proposal would result in the CDFG processing more fish in their tag recovery program, and the CDFG will write a letter on that, but she didn't expect them to oppose it.

McIsaac planned to bring the KFMC a progress report on the results of the double indexed tagging, if the mass marking program is enacted.

**Agendum 14. Report on Bodega Bay test fishery**

Viele described the results of the test fishery thus far:

- Over 800 fish were turned in: a high sampling rate
- 70 fish heads had tags, and none were Klamath fish
- The results of the genetic (GSI) analysis estimated 0.2% of the catch were Klamath fish (the 90% confidence interval around this estimate includes 0) and 0.6% of the catch were Sacramento winter chinook.

McIsaac asked about the cost of the analysis.

Viele did not know, but offered that in another test fishery the genetic analysis cost \$20 per sample, not including any of the other sampling costs. For comparison, he said the cost of a coded-wire tag program runs around \$7-\$10 per fish.

Bostwick asked why when McIsaac presented the KFMC's options to the PFMC on March 9, 1999, there wasn't a handout of the matrix available at the PFMC meeting.

Silveira explained that handouts for the PFMC must go through the PFMC's secretarial staff for proper numbering and formatting, and that there wasn't enough time for them to produce the handout between the end of the KFMC meeting and the time McIsaac presented the options to the PFMC.

**Agendum 17. Plan agenda for April meeting**

McIsaac announced that he was offered and accepted a new position at the Oregon Dept. of Fish and Wildlife, and that the October, 1999, meeting would be his last KFMC meeting. He added the selection of a new chair to the April agenda.

Staff confirmed that the April meeting would begin at 6:00 pm on April 5, 1999, at the Red Lion's Sacramento Inn, in Sacramento, CA.

Members discussed and agreed to set the October KFMC meeting for October 5, 6, and 7, 1999, in Weitchpec at the soon-to-be-constructed Yurok tribal office. Sleeping rooms are available in Hoopa. Fletcher and Masten offered to show members their fishery/monitoring activities if a field trip is arranged.

**Agendum 4 (cont.) Report from the TAT on options for the inriver sport fishery**

Kautsky referred members to Handout J.

Iverson and Wilkinson asked for clarification on "full fishing" and the "empirical 28-day trigger method".

Kautsky explained that between 1978 and 1990 there was a mark/recapture program in the Klamath estuarine zone. Fish were reward-tagged. Based on the time and location at which the fish were recovered, it was estimated that once half of the inriver sport quota was achieved below Coon Creek, that it would take 28 days of fishing to catch the other half of the quota above Coon Creek. This was estimated assuming the fishery proceeded without interruption. There has been a departure from that, because upper river anglers complained that there were no fish present when their fishery was open. To accommodate up-river harvest, closure periods were instituted to extend the 28 days of fishing above Coon Creek later in the season. In 1998, fishing in the Trinity occurred from October 1 until October 28. That coincided with the peak of the run. If the fishing period was set using the 28-day trigger method as it was originally designed, the fishery would have been closed by October 6, thus missing the peak of the run.

Kautsky answered additional questions for clarification from members.

Viele asked whether the CDFG has the authority to close the up-river fishery once it has exceeded the quota.

Wolf and Alan Baracco did not know.

Bostwick said the Commission could close it via an emergency meeting.

McIsaac noted that the KFMC's letter to Robert Treanor recommended censusing the fisheries until the quota

was met, and then closing the fisheries. The TAT report did not consider this option.

Kautsky replied that the TAT was working within the present framework, since there is no funding for additional censusing this year.

Fletcher asked whether the TAT considered shortening the 28-day fishery.

Kautsky replied that he didn't believe the number of days open and the overage were directly related. What is more important is the timing of the days open in relation to the timing of the run. He said the tools available to increase the likelihood of meeting the allocation were (see Handout J): 1) a correction factor: use last year's management strategy, but lower the target allocation by the average overage proportion; 2) full fishing: recognize that the inriver recreational fishery takes a percentage of the run (in 1996 with full fishing it took 7.5% of the run, and Alan Barrocco estimates it generally takes 7%-9%), then have other fisheries adjust to increase ocean escapement to allow for it.

McIsaac asked whether, if the second method had been used in 1998, there would have been any ocean fishing.

Kautsky replied that 45%-50% of the run would have gone to the inriver recreational fishery. He added that the TAT was also concerned that inriver recreational fishery impacts are underestimated (see Handout J). Areas of concern are: 1) shaker mortality, especially during the jack-only fishery; 2) unmonitored portions of the fishery, especially below IGH; 3) the intensive fishery at the mouth of the Klamath, where release of foul-hooked fish is often noted in the vicinity of pinniped predators.

Members discussed ideas for reducing impacts, including posting a warden on the spit at the mouth, cutting the line rather than hauling foul-hooked fish up on shore, allowing for only one fish hooked at the spit, shortening the leader, using lures rather than bait, and closing the spit.

McIsaac asked for the results of the "likely to exceed the quota" assignment regarding the options.

Kautsky replied that the TAT categorized all the options as likely to exceed the quota, because the days open were set to hit the peak of the run.

Wilkinson requested that McIsaac inform the PFMC that Options I, II and III were determined by the TAT as likely to exceed the quota.

Wolf said the CDFG would report back with an inriver recreational fishery plan at the April meeting.

McIsaac and Viele suggested a letter to the Commission on the results of the TAT analysis, and McIsaac offered to draft it.

McIsaac asked for public comment; there was none.

**Agendum 12a. Common Issues with the Task Force**

Fletcher said that issues the Task Force and KFMC had in common were sub-basin management and stocks of concern: steelhead, spring and fall chinook, sturgeon and lamprey. He said he would like to see a report to the KFMC and Task Force once a year on those species.

McIsaac reviewed the work assignments and decisions made: 1) the KFMC will meet in Weitchpec on October 5,6 and 7, 1999; 2) McIsaac will draft a letter to the Commission on the results of the TAT analysis and staff will circulate it to members available during the remainder of the PFMC meeting for review; 3) a subcommittee will meet to add missing items and finalize the report on essential monitoring needs for Klamath Basin stock/harvest assessment.

1:00 pm      ADJOURN

**HANDOUTS**  
**KLAMATH FISHERY MANAGEMENT COUNCIL**  
**Portland, Oregon**  
**March 7-10, 1999**

Attachment #1

(Handouts are listed in the order they were introduced)

**March 7, 1999**

- Informational: Handout A. Motions from the February 23-25, 1999, meeting
- Informational: Handout B. Technical Team assignments from the February 23-25, 1999, meeting
- Agendum 4: Handout C. Letter to Robert Treanor, Exec. Director, CA Fish and Game Commission from KFMC, regarding overage in the in-river sport fishery in 1998.
- Agendum 4: Handout D. Memorandum to Robert Treanor, CA Fish and Game Commission, from CA Dept. of Fish and Game, regarding the in-river sport fishery allocation.
- Agendum 5: Handout E. Range of Options approved by KFMC on February 25, 1999.
- Agendum 5: Handout F. Quick Harvest Rate Model run dated February 17, 1999, using a river recreational allocation of 15% of the non-tribal harvest.
- Agendum 5: Handout G. Quick Harvest Rate Model run dated March 7, 1999, using a river recreational allocation of 20% of the non-tribal harvest.

**March 9, 1999**

- Agendum 7: Handout H. Range of Options approved by KFMC on March 7, 1999.
- Agendum 7: Handout I. Letter to Robert Treanor, CA Fish and Game Commission from KFMC, regarding matrix of options adopted March 7, 1999.
- Agendum 4: Handout J. Technical Advisory Team report to the KFMC: Comments on Klamath Recreational Fishery Modeling

**March 10, 1999**

- Agendum 12: Handout K. Essential monitoring needs for Klamath Basin Stock/Harvest Assessment

**ATTENDEES**  
**KLAMATH FISHERY MANAGEMENT COUNCIL**  
**Portland, Oregon**  
**March 7-10, 1999**

Attachment #2

**Members:**

Dave Bitts:	California Commercial Salmon Fishing Industry
Virginia Bostwick:	California In-river Sport Fishing Community
L.B. Boydston:	California Department of Fish and Game
Troy Fletcher:	Non-Hoopa Indians residing in the Klamath Conservation Area
Ron Iverson:	Department of the Interior
Paul Kirk:	California Offshore Recreational Fishing Industry
Jim Lone:	Pacific Fisheries Management Council
Leonard Masten, Jr.:	Hoopa Valley Tribe
Don McIsaac:	Oregon Department of Fish and Wildlife
Dan Viele:	National Marine Fisheries Service
Keith Wilkinson:	Oregon Commercial Salmon Fishing Industry

**Other Speakers:**

Robert Treanor:	California Fish and Game Commission
Steve King:	Oregon Department of Fish and Wildlife
Patty Wolf :	California Department of Fish and Game
Jennifer Silveira:	US Fish and Wildlife Service
Mike Orcutt:	Hoopa Valley Tribe
Dave Hillemeier:	Technical Advisory Team, Yurok Fisheries
George Kautsky:	Technical Advisory Team, Hoopa Fisheries
Duncan MacLean:	Salmon Advisory Sub-panel, California Troll
Jim Welter:	Salmon Advisory Sub-panel, Port of Brookings
Jerry Reinholdt:	Salmon Advisory Sub-panel
Alan Baracco:	California Department of Fish and Game
Michael Mohr:	Technical Advisory Team, National Marine Fisheries Service