

**FINAL MINUTES**  
**KLAMATH FISHERY MANAGEMENT COUNCIL MEETING**  
**April 3-5, 2005**  
**Sheraton Tacoma Hotel, Tacoma, WA**  
**Meeting # 80**

**Sunday, April 3**

3:00 pm Convene Klamath Fishery Management Council (KFMC) meeting and introduce members

**Representative Seat**

California Department of Fish and Game	Eric Larson
California In-River Sport Fishing Community	Virginia Bostwick
California Ocean Commercial Salmon Fishery	Dave Bitts
Hoopla Valley Tribe	Mike Orcutt
National Marine Fisheries Service	Craig Heberer
Non-Hoopla Indians Residing in Klamath Conservation Area	Dave Hillemeier
Oregon Commercial Salmon Fishing Industry	Keith Wilkinson
Oregon Department of Fish and Wildlife	Curt Melcher, Chair
Pacific Fishery Management Council	Jim Harp, Vice Chair
U.S. Department of the Interior	Phil Detrich
California Offshore Recreational Fishing Industry	vacant

**Agendum 1. Review and approve agenda**

The group reviewed the agenda and added time for an update on the nomination of officers, an update on the Fish and Game Commission's public meeting, and time for discussion on the letter from the Shasta Valley Resource Conservation District to the KFMC.

**Motion by Keith Wilkinson to approve the amended agenda.**

**Seconded by Dave Bitts.**

**Motion passed with Eric Larson abstaining.**

**Agendum 2. Nominations to KFMC and election of officers**

Eric Larson said the State of California is currently soliciting nominations for Dave Bitts' and Virginia Bostwick's seats. Mike Orcutt asked how this coincides with the KFMC's re-chartering. Phil Detrich said the renewal of charter won't change the nomination process. Curt Melcher asked about the terms of the non-agency seats on the KFMC. Phil Detrich responded that they have four-year terms. He received a fax from the California governor's office appointing Ryan Broderick to the KFMC as the California Department of Fish and Game (CDFG) representative, with Eric Larson and Neil Manji as his alternates.

The group discussed election of KFMC officers.

**Motion by Keith Wilkinson to maintain the present Chair and Vice Chair through the next annual cycle.**

**Seconded by Dave Bitts.**

Mike Orcutt stated that there has never been leadership by tribal representation in the 20 years of this restoration program. Virginia Bostwick recalled that Sue Maston was a previous Vice Chair. Eric Larson made a friendly amendment to Keith Wilkinson's motion to maintain the existing Secretary position. Keith Wilkinson and Dave Bitts accepted the friendly amendment.

**Friendly amendment by Eric Larson to maintain the existing Secretary position.  
Motion passed with Mike Orcutt abstaining.**

**Agendum 3. California Fish and Game Commission report**

Eric Larson stated that the KFMC left their March meeting with four salmon fishing options for the 2005 season, because the California Fish and Game Commission had not yet decided what the Klamath fall Chinook in-river allocation would be. The Commission had heard from in-river interests that they would like a larger allocation, so the Commission wanted time to discuss that. After a public hearing, the Commission decided to leave the allocation at 15% for the in-river sport fishery.

Mike Orcutt asked if there would be additional public meetings before this decision is finalized. Eric Larson said the Commission voted and set forward an allocation decision, however the in-river regulations won't be adopted until May. The Pacific Fishery Management Council (PFMC) is moving forward with the 15% allocation, and in order to change this the Commission would have vote to overturn the 15% allocation and then vote to approve a new allocation, which is highly unlikely. Curt Melcher asked whether this is an annual process. Eric Larson said yes; it may continue to be an annual issue. He encouraged Virginia Bostwick to work with the in-river constituency to raise their issues through the KFMC process rather than the Fish and Game Commission process.

**Agendum 4. Review of the Pacific Fishery Management Council's (PFMC) salmon-fishing options for public review**

Curt Melcher stated that there have been a series of public meetings up and down the coast to gather input on the 2005 salmon fishing season. There is strong discontent for the proposed ocean seasons in California and Oregon. There weren't a lot of constructive suggestions to shaping the seasons, just more discontent. He asked Dave Bitts to give an update on the meeting that occurred in Ft. Bragg.

Dave Bitts reported that the ocean constituency tried to provide constructive suggestions with two options: a market driven option and a production option. The trollers were trying to come to grips with either spreading the season out or just going fishing. They looked at having a trip or possession limit, fishing a limited number of days per week, and dividing the fleet into squads. The Pacific Coast Federation of Fishermen's Associations (PCFFA) had a board meeting, and they preferred the limited number of days per week on the water. We will ask the PFMC this week to spread the fishing time out to maintain the flow of the market with some flexibility. They will also ask the PFMC to consider opening only below Pigeon Point. Eric Larson thanked Dave Bitts for his effort at the Ft. Bragg meeting. The PFMC's Salmon Advisory Subpanel (SAS) and Salmon Technical Team (STT) will have to come up with options that will appease everyone.

Keith Wilkinson gave a re-cap of comments heard at the North Bend hearing. There was not a lot of testimony directed to the options, but there were some specific option changes suggested for ocean troll at Humbug to the California/Oregon border - a reduction to 30 fish per day. There was also testimony on recreational fishing in the Klamath Management Zone (KMZ).

Curt Melcher discussed how the PFMC looked at model runs that met the minimum needs for the in-river tribal fishery. He asked if Dave Hillemeier or Mike Orcutt had talked to their constituents about it. Mike Orcutt asked if there had been any more discussion or evaluation of the KOHM in terms of its performance last year. Curt Melcher said they felt it was safe that the model results would exceed the California coastal Chinook requirements. There has been no analysis of managing for the natural spawner floor. The longer term plan is that there will be some assessment of the model. Craig Heberer stated that NMFS is going to be reinitiating consultation on the performance of the KOHM. The biological opinion will stand through the 2005 season. Dave Bitts added that there was some talk at the PFMC's March meeting of applying a buffer to the KOHM. Dave Hillemeier said he assumes the projected ocean harvest rates will be substantially less than 16% this year. Curt Melcher agreed; it is less than 8%. Dave Hillemeier said the Yurok Tribe will decide how to use its fish after the surplus is determined this week.

Curt Melcher said he thinks it's valuable for the KFMC to have a consensus statement from all sectors on the 2005 prospects. Keith Wilkinson made a motion for the KFMC to consider the options that are represented in Pre-Season Report 2 and the recreation option on page 30. Also included in the motion is the recommendation to consider the commercial troll option on page 20. Jim Harp seconded the motion for discussion.

Mike Orcutt said he believes there are distorted media messages in the Klamath Basin. Fishery management has a large role in the Basin, and there are some issues with the KOHM. There may need to be some conservatism this year, and fisheries managers should reflect on this. He said the recent juvenile loss to disease could overshadow the 2002 adult fish kill. He wanted to discuss what the KFMC can do as conservative/protective measures.

Curt Melcher stated that he is reluctant to vote on specific seasons. He would rather have the SAS come up with the season and have the KFMC agree on the general issues. Eric Larson agreed, though he is willing to accept the recreational KMZ recommendation. Dave Bitts stated that he doesn't disagree with the options as presented, but he is reluctant to vote on portions of the ocean seasons, and for the KFMC to be that specific in its recommendations. Keith Wilkinson clarified that the intent of his motion was to provide direction to the SAS, knowing this action is not going to determine the seasons for 2005. He withdrew the motion.

Dave Bitts stated that the Bodega Bay test fishery was discussed at the Ft. Bragg meeting. A request was made for those results to be employed in operating a small bubble fishery in Bodega Bay this year. Dave Hillemeier recalled the STT developing some criteria for implementing experimental fisheries. He asked if all of those criteria have been followed through on, and if they are ready for implementation. Dave Bitts replied that the fishery was conducted according to the criteria. He's not sure if the results have been reviewed and if those follow-up things have happened.

### **Agendum 5. Public comment**

Jim Welter, SAS, noted that regarding the letter from the Shasta RCD (see agendum 12 handout), the ocean fisheries are paying for all the problems in the Klamath River. Today, the Klamath system is no different from when this process started 18 years ago. There are problems when there isn't any water. We need to go back and look at the process. It is irrelevant to deal with habitat if you don't have good water. The only decent salmon production being seen is from the Trinity Side. Dave Bitts agreed with the substance of Jim Welter's remarks, but reminded him that the KFMC is quite limited as to what it can do about it, so we are being careful right now. Jim Welter encouraged everyone to see Scott Foote's presentation on disease. Mike Orcutt stated that all things that affect stocks need to be looked at, including harvest. He spends a lot of time on the habitat side of things.

Bob Crouch, Klamath Management Zone Coalition, stated that there are fewer Klamath fish out there this year, and 1.6 million Sacramento fish. With fewer and fewer Klamath fish, it will cut down on the number of connections with Klamath fish and he doesn't think this has been looked at.

### **Agendum 6. Assignments to the Technical Advisory Team (TAT), staff, and members**

Curt Melcher stated that George Kautsky was going to provide the KFMC with information on constant fractional marking. George Kautsky referred back to the February minutes and how the assignment to Staff to look for previous letters written on constant fractional marking was not completed. The TAT has not yet taken up the issue of constant fractional marking.

Dave Hillemeier asked about the previous TAT assignment to give advice to the Klamath Task Force's Technical Work Group (TWG) on funding monitoring for harvest management. George Kautsky said this was dealt with in March. The TAT gave that information to Petey Brucker.

Phil Detrich said his Staff will continue to look for documents regarding constant fractional marking. George Kautsky said the KFMC has discussed the issue of marking rates at Iron Gate Hatchery in the past, and it would be helpful to see these documents to develop marking options. Mike Orcutt said the Hoopa Valley Tribe, in collaboration with other managers, has entered into settlement with the PCFFA. Part of that settlement included some funding for various fishery management items, including looking at increasing the coded wired tagging rate at Iron Gate Hatchery. The Tribe chose not to move forward yet, and in the interim is going to do some feasibility analyses with PacifiCorp, CDFG, and the Department of Interior (DOI) and flesh the issue out more thoroughly. What comes out of that process can be brought back to the KFMC and the TAT.

Dave Hillemeier said it might be worthwhile to send a letter to FERC regarding increasing marking rates at Iron Gate Hatchery. Curt Melcher said he feels this is appropriate because it has to do with harvest management. Phil Detrich said he will check with higher levels at DOI about the letter being in the jurisdiction of the KFMC. He suggested someone who is very familiar with the issue provide the first draft. Eric Larson will ask Neil Manji if he will draft the letter. Dave Hillemeier recalled a letter written in May 2003 that should be provided to Neil Manji by Staff.

**Assignment: Neil Manji will draft a letter to FERC regarding the need for an increase in constant fractional marking. Staff will provide Neil Manji with the May 2003 letter for**

**reference. The letter will be sent around for review and comment by KFMC members.**

Dave Hillemeier brought up the topic of spring Chinook management for possible discussion at the October KFMC meeting. He would like to see the KFMC finalize the packet of technical information that would be necessary for spring Chinook management. He would also like to see the cohort reconstruction model go through the TAT for review and if possible get agreement that it's an appropriate model to use.

**Assignment: Staff will include time for discussion on spring Chinook management on the October 2005 KFMC agenda.**

Curt Melcher said the Hoopa Valley Tribe has done a lot of work that could be brought to the TAT to review. Dave Hillemeier would also like to see the various fishery harvest rates over the years, potential management options, and what some of the escapement levels have been in various locations over the years. He is also interested in seeing information on the late entrance of fish coming into the estuary during the month of August.

Curt Melcher discussed the cohort reconstruction model. He asked if it is possible to use some of the module used for fall Chinook. The biggest lacking part is that we don't have a nice set of age structured escapement data for the non-hatchery component. We would have to discuss with the TAT if the hatchery fish can be used to estimate harvest rates. George Kautsky reviewed some areas in the model that still need work. Curt Melcher asked whether the TAT has the necessary information from the coded wire tags, and can that information be used to give us a sense of impacts on Klamath spring chinook. George Kautsky responded that there is missing information on harvest, so the overall reconstruction is missing some information. Curt Melcher thinks it would be useful to look at the magnitude in terms of the hatchery fish using a simplified approach. George Kautsky said he will share that information with the TAT and be prepared to present it to the KFMC at the October meeting.

**Assignment: TAT will meet and conduct a simple exploitation analysis of hatchery spring Chinook in relation to what is known about the fall Chinook exploitation rate.**

**Agendum 7. Letter to the Klamath Task Force regarding funding for monitoring and fish health studies**

Curt Melcher said he is looking for additional comments, edits and endorsement from the KFMC on this draft letter to the Task Force (see agendum 7 handout). Dave Hillemeier asked about the third paragraph in the draft letter. He asked if there is reference to harvest management activities and if this is opening the door to go below what is currently set aside. Phil Detrich said yes, that is why the TAT and TWG are working together to address this issue. His recollection is that less funding would go toward monitoring because of the directed amount to fish health. Keith Wilkinson reminded the group that this can come under discussion at June Task Force meeting and is not yet final. Dave Hillemeier endorsed the letter without the second sentence in the third paragraph. The group agreed to delete the sentence.

**Motion by Keith Wilkinson to approve the letter to the Task Force regarding funding for monitoring and fish health studies as amended.  
Seconded by Dave Bitts.**

**Motion passed with Eric Larson abstaining.**

**Agendum 8. Assignments to the Technical Advisory Team, staff, and members**

The TAT will meet in June.

**Agendum 9. Discuss agenda items for the October 2005 meeting**

The KFMC discussed agenda items for the October 2005 meeting. The TAT will report on assignments dealing with the performance of KOHM, marking rates at Iron Gate Hatchery, and the simple exploitation analysis of hatchery spring Chinook in relation to what we know about the fall exploitation rate. There will be an update on the status of the fisheries, an update on the biological opinion, and a report on the KOHM analysis by NMFS.

**Agendum 10. Set times and locations for the October 2005 and February 2006 meetings**

The KFMC will have a 1-day meeting on October 18<sup>th</sup>, 2005 in Klamath Falls.

**Agendum 11. Public Comment**

No public comment.

**Agendum 12. Discuss letter from the Shasta RCD regarding harvest planning for salmon from the Shasta River and near-by portions of the Klamath River**

Curt Melcher said he would like to get KFMC feedback on how to respond to the letter from the Shasta RCD (see agendum 12 handout). Dave Bitts voiced concern about the point of having an escapement goal if juvenile fish aren't going to survive. The RCD supports maximizing the number of spawners to see some survival, but neither of these approaches deals with the juvenile mortality problem. Curt Melcher commented that the fishing community is the only user group that annually numerically estimates their impacts and puts them out in a public forum. There are some inaccuracies in the letter from the RCD in regard to the reference to near total age class failure spanning multiple years. It is inaccurate to say that there have been near total failures.

Keith Wilkinson referenced the sentence dealing with harvest management in the second paragraph. He would respond by referencing the PFMC's Pre-Season 2 report, and the RCD can research that to see which entity is doing what. Another issue is that the letter does not address any of the other harvest that takes place in the river and is parochial in that sense. Unless they have addressed a similar letter to CDFG, this heading indicates they are singling out the ocean harvest.

Dave Hillemeier mentioned that in the past, they have come to the KFMC, and it seems they feel they are addressing all fisheries by coming to the KFMC. Mike Orcutt agreed and suggested the response be along the lines of what protective measures will be in place this year. It might also be good to mention that the question of weak stock management has been brought forward. The Klamath is managed as an entire basin and not managed for any one sub-basin. He would not mention un-managed fisheries and suggested commending the RCD for their monitoring efforts.

Eric Larson suggested that the KFMC recommends to the PFMC that they deal with this issue. This reads as a precursor to a lawsuit pending for this year's management strategy. The RCD thinks there should be zero harvest. Dave Bitts said the KFMC should respond directly to the Shasta RCD using the phrase "responsible harvest management" to show this year's season for each fishery, and compare that with the last three year's average harvest to demonstrate the measures being taken this year to meet the natural spawner floor.

Curt Melcher mentioned the zero fishing model run by the TAT to help inform the decisions made on the 2005 season. That model run can be used to reference the cost/benefit for the 2005 harvest plan.

Dave Hillemeier said there are major water diversion problems in the Shasta River. A lot has been done to address habitat issues, but not much has been done to address flow issues. It might be worth asking the RCD, if they are going to have less flow deliveries in order to get the most out of production this year. Eric Larson said his concern is that the season and harvest management is under the jurisdiction of the PFMC. He encouraged the group to move forward and recommend to the PFMC that this be dealt with carefully and in a legal manner.

Phil Detrich stated that there are individuals in the Shasta RCD who have made public statements in recent months that the entire Klamath system is broken. The things we need to respond to in this letter are complex subjects; a letter may not be the best way to respond. He recommended someone from the KFMC attend an RCD meeting to go over the entire harvest management process.

Keith Wilkinson agreed with Eric Larson on this issue. He feels the Shasta RCD letter seems politically motivated. He suggested that the KFMC report to the PFMC address our concerns regarding this letter and ask for their counsel or legal counsel on how to respond. Eric Larson suggested the content of a presentation to the PFMC: the KFMC received a letter from the Shasta RCD and needs to respond in some way. This matter has been referred to the PFMC for review and formal response because the harvest management for the seasons and final determination comes through the PFMC. The KFMC only makes recommendations to the PFMC. He would also add language on the process of the basin being managed as a whole unit and not in sub regions. Information can be provided on management strategy and how the model works, and then the PFMC can respond to the overall management strategy and legal aspect of it through their process.

Mike Orcutt didn't see anything inflammatory in the letter from the Shasta RCD and doesn't share the same legal concern. Phil Detrich said the KFMC deals with harvest and should respond in some way. He agrees the response should be forwarded to the PFMC as the body who has the final say in the issue. The KFMC should also consider engaging in a face-to-face discussion with the RCD to explain the KFMC process.

Curt Melcher said the KFMC needs to respond with a short letter containing what Eric Larson suggested. He offered to draft a short letter and provide to the KFMC for discussion tomorrow. Dave Hillemeier would like to ask the RCD what they are doing with flow diversions this year, since it is one of the driest years on record. He doesn't think he can support a letter that doesn't ask this.

**Motion by Mike Orcutt for Curt Melcher to draft a response letter to the Shasta RCD for the PFMC to review and provide guidance before sending.**

**Seconded by Dave Bitts.**

**Motion passed with Eric Larson abstaining.**

**Agendum 13. Public Comment**

Jerry Reinhold, Salmon Advisory Panel, stated that this week's salmon season process predominately deals with the Klamath River, which alone has a 42 million loss this year. He would like to know what steps are being taken in the Shasta Basin to deal with water flow issues and if they are taking any. He believes the KFMC does have to respond to this type of letter, but he would like to know if they are going to address water flow issues on the Klamath. It is not just harvest; it is what is going on up river with other entities.

Richard Heath, Brookings, OR, stated that the KFMC has been the recipient of letters like this in the past, and it seems the intent is to demonstrate that no matter what happens with the fishery, it's not the Shasta RCD's fault and it's the fault of the harvest. A face-to-face meeting is not a bad idea and could include discussion on proportional use of water similar to our discussion on proportional use of harvest. One problem is with a sustained minimum instream flow. This council has 20 years experience managing harvest, and we are still yet to see a flow for salmon.

Bob Crouch, Klamath Management Zone Coalition, stated that it seems the Shasta RCD answers their own question in this letter, because they outline the problem that all these fish are dying of infection and poor water quality. As he sees it, and from data on the coded wired tags, there is one part of the river that is showing very little evidence of infection, and that is the Trinity side. The mainstem Klamath is the big problem. It's more than just increased flows, because we will still have polluted water coming down with increased flows. No matter how much you curtail the fishery or no matter how many hatchery fish are put in, they are all going to die. Putting responsibility on the fishery is not going to solve the problems. Regulating the fishery doesn't answer the problem; the river itself has to be dealt with.

7:00 pm Recess

**Monday, April 4**

7:00 pm Reconvene

**Agendum 14. Action: Develop additional recommendations for the 2005 management season, for discussion with the Salmon Advisory Subpanel and presentation to the Pacific Fishery Management Council**

Curt Melcher asked for comments on additional recommendations for the 2005 management season.

Mike Orcutt stated that he is concerned that some of the impacts from fisheries affected escapement levels last year and affected the available numbers of fish in this forecast. He made a motion that the KFMC direct the PFMC to do a technical review of the KOHM to evaluate potential biases leading to effects upon escapement, the 50/50 tribal sharing, and non-tribal sharing. Further, it is a concern of the KFMC that potential model bias may result in age-3 stock

depletion in one year, leading to reduced harvest opportunity the following year for all harvest sectors. Dave Hillemeier seconded the motion for discussion.

Eric Larson stated that the model accurately predicts the catch; the contact rate is modeled. The overall ocean harvest estimate is accurate; it is the contact rates of Klamath fish that were not modeled accurately last year. He added that NMFS is reviewing the model to determine why there is an inaccurate estimate of contact rates. In a sense, there is a placeholder for the model to be evaluated.

Dave Bitts said it is a matter of concern that there might be a bias in the way the model operates and those who created the model are most concerned about the biases. The fishermen want an accurate model for harvest rates in the ocean as well. He agrees the effort to evaluate the model is underway.

Craig Herberer added that the timeframe for completing the model review is by June. Other conservation measures in the biological opinion will be available then as well.

Mike Orcutt said he is hearing that the State and Federal agencies want him to trust them and the process. He would entertain some language that if there are biases found, the appropriate conservation measures would be implemented. He is very concerned about the inaccuracies of the 50/50 sharing over the past three years. Eric Larson said he doesn't disagree with Mike Orcutt's effort. The tribes have a lot at stake with this and he supports their concern and effort. He has concern about voting on a motion that reflects what is already underway.

Curt Melcher stated that the TAT originally made this model and he has no problem directing them to work with those who are currently reviewing it. We can also ask the TAT to look at the allocation issue. He views the TAT as the experts on the Klamath model, and the year-to-year variability that may occur. Phil Detrich suggested the TAT take this up and endorse the other reviews of the model that are under way.

Keith Wilkinson asked Mike Orcutt if he might reconsider the motion in light of this discussion and the ongoing efforts to evaluate the model that are in place. Mike Orcutt said yes, he might change it to be more inclusive.

**Motion by Mike Orcutt that the KFMC is concerned that ocean harvest rates have recently exceeded targets modeled by the KOHM. We endorse the review of the KOHM by PFMC and NOAA Fisheries and have directed our Technical Team to work with the PFMC's technical review to evaluate potential bias in the KOHM. We recommend that this review also include the examination of the model's accuracy of predicting escapement, age 3 harvest rates, and tribal/non-tribal sharing of total harvest. Subsequent to this review, corrections to any evident modeling bias would be prudent.**

**Seconded by Dave Bitts.**

**Motion passed unanimously.**

**Motion by Eric Larson that in light of the California Fish and Game Commission's decision, the KFMC recommends to the PFMC the adoption of the 15% in-river recreational allocation, and a 17% ocean recreational fishery allocation in the KMZ.**

**Seconded by Keith Wilkinson.**

**Motion passed with Mike Orcutt and Virginia Bostwick abstaining.**

**Agendum 15. Approve minutes from the February, 2005 meeting**

The KFMC discussed edits to the February 2005 minutes. In the future, Staff will send the minutes out and then KFMC members can get back to Staff with edits. Staff will redline a copy of the minutes and redistribute to the KFMC.

**Motion by Keith Wilkinson to approve the February 2005 minutes as amended.**

**Seconded by Phil Detrich.**

**Motion passed with Eric Larson abstaining.**

**Agendum 16. Presentation on fish disease in the Klamath River**

Scott Foote, U.S. Fish and Wildlife Service FWS Cal-Nevada Fish Health Center, gave a presentation on significant fish disease in the Klamath River. The number one fish health issue in the Klamath is Ceratomyxosis due to *C. shasta* infection in juvenile Chinook in the spring and summer. The number two issue is Columnaris in both juveniles and adults. The number three issue is Parvicapsula, which affects kidneys in juveniles. The number four issue is a pancreatic dysfunction that occurs in juvenile Chinook in the spring and summer. Infectious disease is a significant mortality factor for both juvenile and adult salmon in the Klamath Basin, and is far more prevalent in the mainstem than in the tributaries. Elevated water temperatures tend to favor many Klamath River fish pathogens, but infection occurs at relatively mild temperatures (20° C).

The audience asked questions:

- Are there resistance differences between wild and hatchery juveniles? Scott Foote said there are high infection rates in both groups. He's not sure how *C. shasta* affects coho. A few steelhead were infected in the estuary, but steelhead from Iron Gate Hatchery were resistant.
- Is the polychaete endemic? Scott Foote said they don't know for sure, but the polychaete is probably endemic.
- Comparisons have been made between conditions in the Rogue River and above Iron Gate Dam. Scott Foote said he did not participate in the Rogue River studies, so he is not sure, but generally, *C. shasta* is found in the Williamson River, the Sprague River, the Keno reach and the Copco reach, and rarely is infection found in the reservoirs. The infection load is really high, and it doesn't take long for fish to die below Iron Gate Dam.
- Is there any treatment that is specific to the parasite that doesn't hurt the fish? Scott Foote said there is one drug that is not legal in the United States, because it is very toxic and expensive.
- It seems the polychaete affects areas that have a lot of sediment and are highly vegetated. Would flushing flows disrupt that favorable polychaete habitat? Scott Foote replied that it could help, but the highest occurrence is in the cladophera, and he doesn't know what magnitude of flow it would take to scrub that off rocks.
- What are implications on coho? Scott Foote said it could be severe. We currently don't have enough information to determine if there is a high existence rate and if coho are utilizing the habitat where there is occurrence.

**Agendum 12 (cont). Discuss letter on harvest planning for salmon from the Shasta River and near-by portions of the Klamath River from the Shasta RCD**

The group reviewed the draft letter responding to the Shasta RCD. Curt Melcher mentioned that the PFMC does not usually respond to letters that aren't written to them. However, they will review it if we ask them to during the KFMC report to them tomorrow.

Recess

**Tuesday, April 5**

12:00 pm Reconvene

Virginia Bostwick and Jim Harp were not present

**Agendum 17. Letter to the Secretary of Interior regarding KFMC accomplishments**

Phil Detrich stated that the charter of the KFMC states that the KFMC will report to the Secretary of Interior. He listed various accomplishments of the KFMC and the status of the issues as topics that would be addressed in the letter. He thinks this Administration has an interest in maintaining economic activity and providing protection to stocks. He asked that Curt Melcher help finish the letter, and then it will be circulated through the KFMC for discussion.

Keith Wilkinson mentioned about the Mid-Term Evaluation of the Klamath Program. He thinks that document should be used as a reference when talking about the performance of the KFMC.

Mike Orcutt suggested adding some background history on the state of the Klamath Basin before the Klamath Act was established. He feels both positives and negatives are needed in this report. Phil Detrich said his understanding is that overall, the role of the KFMC has been positive. He understands that the letter needs to be balanced and problems identified. Mike Orcutt does not want to infer that the fisheries will not be managed if the KFMC is not reauthorized, because there are co-managers that will continue to manage the fisheries. The group recalled some of the history before the KFMC came to be. Phil Detrich asked other KFMC members to assist in writing background information if they want it included. Mike Orcutt suggested using the document written by Ronnie Pierce as a reference.

Dave Bitts referred to the economics section. The fisheries are not all about the dollars; there are uneconomic values to each fishery. Some are recognized in the Solicitor's opinion and some are not.

The KFMC discussed the importance of including the services it provides to the PFMC. Craig Heberer suggested including the extensive ESA issue dealt with as well.

**Assignment: Curt Melcher and Phil Detrich will draft the letter to the Secretary of the Interior regarding KFMC accomplishments and email it to Council members for review and comment. Phil Detrich will seek advice on the letter due date from DOI.**

**Agendum 12 (cont). Discuss letter on harvest planning for salmon from the Shasta River and near-by portions of the Klamath River from the Shasta RCD**

**Motion by Keith Wilkinson that the KFMC approve of the effort to communicate with the Shasta RCD as described in the letter written from Curt Melcher and the KFMC.**

**Seconded by Dave Bitts.**

**The motion passed unanimously.**

**Assignment: Phil Detrich will make informal contact with the Shasta RCD and ask them if they would like to meet with the KFMC to discuss harvest management issues.**

Adjourn

**FINAL AGENDA**  
**KLAMATH FISHERY MANAGEMENT COUNCIL MEETING**  
**April 3-5, 2005**  
**Sheraton Tacoma Hotel, Tacoma, WA**  
**Meeting # 80**

**Sunday, April 3**

3:00 pm Convene Klamath Council meeting and introduce members

Administration

1. Review and approve agenda
2. Nominations to KFMC and election of officers

2005 Management Season

3. California Fish and Game Commission Report
4. Review of the Pacific Fishery Management Council's (PFMC) salmon-fishing options for public review
5. Public comment
6. Assignments to the Technical Advisory Team (TAT), staff, and members

General

7. Letter to the Klamath Task Force regarding funding for monitoring and fish health studies
8. Arrange times for follow-up meetings during the remainder of the week
9. Assignments to the TAT, staff, and members
10. Set times and locations for the October, 2005 and February, 2006 meetings
11. Public comment
12. Discuss letter from the Shasta RCD on harvest planning for salmon from the Shasta River and near-by portions of the Klamath River
13. Public comment

7:00 pm **Recess**

**Monday, April**

7:00 pm Reconvene

2005 Management Season (continued)

14. **Action:** Develop additional recommendations for discussion with the Salmon Advisory Subpanel and presentation to the Pacific Fishery Management Council

General

15. Approve minutes from the February, 2005 meeting
16. Presentation on fish disease in Klamath

- 12 (cont). Discuss letter from the Shasta RCD on harvest planning for salmon from the Shasta River and near-by portions of the Klamath River from the Shasta RCD
17. Letter to the Secretary of Interior regarding KFMC accomplishments
- 12 (cont). Discuss letter from the Shasta RCD on harvest planning for salmon from the Shasta River and near-by portions of the Klamath River from the Shasta RCD

**Adjourn**

**MOTIONS AND ASSIGNMENTS**  
**KLAMATH FISHERY MANAGEMENT COUNCIL MEETING**  
*April 3-5, 2005*  
*Sheraton Tacoma Hotel, Tacoma, WA*  
*Meeting # 80*

**Motions:**

**Agendum 1**

Motion by Keith Wilkinson to approve the amended agenda.  
Seconded by Dave Bitts.  
Eric Larson abstained.  
Motion carried.

**Agendum 2**

Motion by Keith Wilkinson to maintain the present Chair and Vice Chair through the next annual cycle.  
Seconded by Dave Bitts.  
Friendly amendment by Eric Larson to maintain the existing Secretary position.  
Mike Orcutt abstained.  
Motion carried.

**Agendum 7**

Motion by Keith Wilkinson to approve letter to the Task Force regarding funding for monitoring and fish health studies as amended.  
Seconded by Dave Bitts.  
Eric Larson abstained.  
Motion carried.

**Agendum 10**

Motion by Keith Wilkinson to approve the February 2005 minutes as amended.  
Seconded by Phil Detrich.  
Eric Larson abstained.  
Motion carried.

**Agendum 12**

Motion by Mike Orcutt for Curt Melcher to draft a response letter to the Shasta RCD for the PFMC to review and provide guidance before sending.  
Seconded by Dave Bitts.  
Eric Larson abstained.  
Motion carried.

Motion by Keith Wilkinson that the KFMC approve of the effort to communicate with the Shasta RCD as described in the letter written from Curt Melcher and the KFMC.  
Seconded by Dave Bitts.  
The motion carried.

#### **Agendum 14**

Motion by Mike Orcutt that the KFMC is concerned that ocean harvest rates have recently exceeded targets modeled by the KOHM. We endorse the review of the KOHM by PFMC and NOAA Fisheries and have directed our Technical Team to work with the PFMC's technical review to evaluate potential bias in the KOHM. We recommend that this review also include the examination of the model's accuracy of predicting escapement, age 3 harvest rates, and tribal/non-tribal sharing of total harvest. Subsequent to this review, corrections to any evident modeling bias would be prudent.

Seconded by Dave Bitts.

Motion carried.

Motion by Eric Larson that in light of the California Fish and Game Commission's decision, the KFMC recommends to the PFMC the adoption of the 15% in-river recreational allocation, and a 17% ocean recreational fishery allocation in the KMZ.

Seconded by Keith Wilkinson.

Mike Orcutt and Virginia Bostwick abstained.

Motion carried.

#### **Assignments:**

#### **Agendum 6**

Neil Manji will draft a letter to FERC regarding the need for an increase in constant fractional marking. Staff will provide Neil Manji with the May 2003 letter for reference. The letter will be sent around for review and comment by KFMC members.

Staff will include time for discussion on spring Chinook management on the October 2005 KFMC agenda.

The TAT will meet and conduct a simple exploitation analysis of spring hatchery Chinook in relation to what is known about the fall exploitation rate.

#### **Agendum 12**

Phil Detrich will make informal contact with the Shasta RCD and ask them if they would like to meet with the KFMC to discuss harvest management issues.

#### **Agendum 17**

Curt Melcher and Phil Detrich will draft the letter to the Secretary of the Interior regarding KFMC accomplishments and email it to KFMC members for review and comment. Phil Detrich will seek advice on the letter due date from DOI.

**LIST OF HANDOUTS**  
**KLAMATH FISHERY MANAGEMENT COUNCIL MEETING**  
**April 3-5, 2005**  
**Sheraton Tacoma Hotel, Tacoma, WA**  
**Meeting # 80**

- Agendum 2                    Klamath Fishery Management Council Membership List, dated April 1, 2005.
- Agendum 7                    Draft - Letter to John Engbring, Chair, Klamath River Basin Fisheries Task Force from Curt Melcher, Chair, Klamath Fishery Management Council regarding Klamath Task Force Budget for Fiscal Year 2006.
- Agendum 12                   Letter to Curt Melcher, Chair, Klamath Fishery Management Council from Amy Hansen, District Manager, Shasta Valley Resource Conservation District, regarding Harvest Planning for Salmon from the Shasta River Fish and Near-by Portions of the Klamath River, dated March 17, 2005.
- Agendum 15                   Draft Minutes for the February 23-24, 2005 Klamath Fishery Management Council Meeting.
- Informational Handout
- Letter to Michael J. Ryan, Area Manager, U.S. Bureau of Reclamation from Clifford Lyle Marshall, Chairman, Hoopa Valley Tribal Council regarding Trinity Management Council's Unauthorized Departure from Requirements of the Trinity River Restoration Program, dated March 4, 2005.

**LIST OF ATTENDEES**  
**KLAMATH FISHERY MANAGEMENT COUNCIL MEETING**  
*April 3-5, 2005*  
*Sheraton Tacoma Hotel, Tacoma, WA*  
*Meeting # 80*

The following individuals attended the Klamath Fishery Management Council meetings in Tacoma, Washington on April 3-5, 2005.

<b><u>Name</u></b>	<b><u>Representing</u></b>
George Kautsky	Hoopa Valley Tribe
Richard Heap	Oregon South Coast Fisherman
Jim Welter	Salmon Advisory Sub-panel, Oregon Sport Fisher
Bob Crouch	Klamath Management Zone Fisheries Coalition
Dave Yarger	Pacific Coast Federation of Fishermen's Associations
Don Stevens	Salmon Advisory Sub-panel, Oregon Troll
Allen Grover	CDFG, Salmon Technical Team
Kathy Fosmark	Public
Craig Foster	Public

<b><u>Name</u></b>	<b><u>Representing</u></b>
Bob Crouch	Klamath Management Zone Fisheries Coalition
Richard Heap	Oregon South Coast Fisherman
David Yarger	Pacific Coast Federation of Fishermen's Coalition
Wesley King	Public
Gerald Reinholdt	Salmon Advisory Sub-panel, Processor