# Kuskokwim River Salmon Management Working Group

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# **Meeting Summary**

## July 2, 2013

Meeting called to order at 10:03 am and adjourned at 1:00 pm. Nine full voting members were present and a quorum was established. This "Emergency Meeting" was held at USFWS in Bethel.

# **AGENDA ITEMS:**

Continuing Business: Run assessment and management actions.

Old Business Discussion Topics:

New Business Discussion Topics:

**WORKING GROUP ACTION ITEMS: none** 

## **WORKING GROUP MOTIONS:**

- 1. To accept the agenda as amended. Motion passed unanimously.
- 2. To accept the ADF&G Recommendation: Motion failed (2 yeas, 6 nays).
  - Mouth of the Kuskokwim River to Tuluksak: To extend the 6-inch or less mesh size restriction for 6 or more days. This area would open to unrestricted gillnet gear on July 10.
  - <u>Tuluksak to Chuathbaluk:</u> Open for two days unrestricted mesh size on July 7 and July 8, then restrict to 6-inch or less mesh size for three days from July 9 to July 11. This area would open to unrestricted gillnet gear on July 12.
- 3. To accept the revised ADF&G Recommendation: Motion passed (7 yeas, 2 nays).
  - Mouth of the Kuskokwim River to Tuluksak: Effective 11:00 p.m., Wednesday, July 3, 2013 until 11:00 p.m., Tuesday, July 9, 2013 subsistence salmon fishing is restricted to the use of gillnets with 6-inch or less mesh size, not exceeding 50-fathoms in length and 45 meshes deep. Hook and line fishing for king salmon is also closed. This action extends the restrictions in this area that began on June 28 for six additional days.
  - <u>Tuluksak to Chuathbaluk</u>: Effective 11:00 p.m., Saturday, July 6, 2013 until 11:00 p.m., Sunday, July 14, 2013 subsistence salmon fishing is restricted to the use of gillnets with 6-inch or less mesh size, not exceeding 50-fathoms in length and 45 meshes deep. Hook and line fishing for king salmon is also closed. This action extends the restrictions in this area that begin on July 3 for 8 additional days.

### **PEOPLE TO BE HEARD:**

1. Agatha Erickson and Shawna Thoma from Senator Begich's office reminded the Working Group of a public discussion with the senator at 10:00 am on July 3.

- 2. Herman Morgan from Aniak commented that he had been fishing there for 50 years and remembered that people used to fish all night because of competition between boats on the river. He said that this year the Chinook run was late but better than the previous year, and there were a lot of reds. He said he was almost finished fishing and has harvested 38 kings so far.
- 3. Nick Kameroff from Aniak commented that, "The Kuskokwim River is our life blood for all users. We need to work together to have fish for our children and grandchildren for the future." Nick recommended closing fishing in the Bethel area from June 1<sup>st</sup> through June 15<sup>th</sup> because there are so many people fishing all at once. He suggested closing all Sport Fishing in tributaries. Nick said that his harvest goal was 160 Chinook for three families, but he stopped fishing when he had 70 kings because he was worried about the rainy weather causing spoilage.
- 4. Lucy Simeon from Chuathbaluk said, "Up here we hardly get any kings." She said that she harvested 30 kings so far for two families, along with some reds, and "lots of dogfish." She agreed that the Bethel area should be closed early in the season. Lucy also said that it was terrible to see wasted fish bones on the beach in Aniak. She requested that non-natives be required to report their salmon harvest and the Chair told her that anyone can fill out the harvest calendar, but doing to is voluntary.
- 5. Gary Peterson from Chuathbaluk suggested a return to the fishing schedule that had been used in the early 2000's. He said even though no one had liked the schedule, it seemed to work. Clara Morgan (Aniak), Warren Nikolai (Bethel), and Oscar Samuelson (Kalskag), agreed with him.
- 6. Lisa Feyereisen, the Tribal Administrator in Chuathbaluk, said most people were finished fishing. She reported that the largest harvest from the people she talked to was 20 kings for four families. She said that she caught 9 kings in 30 drifts in Crow Village.
- 7. John Andrew (speaking as a resident of Kwethluk, not YK Delta RAC alternate) reported that hardly anyone was fishing now, except for the late starters. He said that fewer people were fishing this year due to the high price of gas.
- 8. Harry Alexie from Bethel recommended closing sections of the river that act like funnels, such as the area between Oscarville and Napaskiak. He said that there are always at least 20 to 30 set nets there, which surely catches many kings.
- 9. Annie Lou Williams, a 73-year old elder from Kalskag, said she that she provides gas to others to fish for her. She said she was very grateful for the people who help her because fishing for kings and reds was very slow this year. She heard that some people fished all night and only caught 6 kings. She agreed with the idea of 3-day closures. Annie Lou said, "What we need to also concentrate on is the fish we have now, and look at ideas of how we can work together, get things organized, instead of trying to fight amongst each other about regulations. I remember our elders saying we are going to start doing this, and then starvation will come."

- 10. Dwayne Hoffman from Kalskag reported that he harvested 40 kings and aims to put away 15 more. He said that, for the most part, people thought that the 6-inch mesh restriction in the lower river helped the upper river. However, he disagrees with upriver having restrictions for 4 days.
- 11. Wayne Morgan from Aniak said that that he put away 30 kings this year from 15 days of fishing. He said that he aimed to harvest 50 kings but did not because of the rainy weather. Wayne reminded the Department and Working Group that this year was a good year for kings compared to last year. He suggested that the Department be more proactive at the beginning of the run next year because, "We need to build this run back up."
- 12. Rachel Conte from Chuathbaluk commented that she fishes for 6 households (31 people) with one boat, which is a struggle. She said that she was grateful for the 100 chum and 20 kings that she harvested this year. Since there are no jobs and no commercial fishing in her community, she believes that subsistence fishing "should be our number one priority right now."
- 13. Clarence Daniel is from Tuntutuliak but usually fishes in Bethel. He commented that people prefer to know the fishing schedule [for restrictions or closures] early because they don't like surprises. Also, he said that other conservation tools should be used before all subsistence users are restricted, such as closing of the "funnel" areas of the river and requiring shorter nets. He said that last week he caught some big kings and the largest sockeye and chum he has ever seen on the Kuskokwim.
- 14. Tim Andrew (AVCP) said that he was concerned about the BTF Cumulative CPUE for Chinook salmon and Late Run Timing Projection. HE commented that he was worried that the Kuskokwim would become like the Yukon River, which has a very low return per spawner.

#### **CONTINUING BUSINESS:**

### 1. Subsistence Reports

• Lowest River Reports:

Charlie Brown (Commercial Fishing) commented that most subsistence users were finished in the lower river, so king restrictions could be lifted.

Chuck Chaliak (Downriver Elder) said that people in Nunapitchuk were struggling with gas prices but happy with the outcome of fishing. He noted that they are waiting for whitefish now.

Fritz Charles (Chair) said that his brother recently caught 25 chum, 3 reds, and zero kings with 6-inch gear.

Bev Hoffman (Sport Fish alternate) commented that she just pulled the last of her fish from the smokehouse. She said that she was chartered to take Senator Murkowski to 7 fish camps in the Bethel area. Bev said that she was impressed that many people chose to take more reds and chum instead of kings, and she was happy that Murkowski had an opportunity "to see what subsistence truly meant."

### • ONC Inseason Subsistence Report:

Alissa Joseph (ONC) gave an oral report of ONC surveys. She reported that 19 of 29 families that were finished fishing had met their needs. She commented that many people noticed that chum were much larger this year. The full report will be included in the next meeting's Information Packet.

## Lower River Reports:

Mike Williams (Lower River Subsistence) thanked everyone who called in to give subsistence fishing reports and recommendations. He suggested that people need to be open to more ideas on how to conserve Chinook. Mike said that most people used 6-inch gear this summer and were finished fishing. Those who were not quite finished were waiting for better weather in order to harvest more sockeye and chum. He said that his harvest this year was 50 kings for 3 families and chums for his dog team.

• Bob Aloysius (YK Delta RAC) remarked, "People who fish catch fish...Those who don't fish are always complaining about no fish.... He also asked people to call chum salmon by their proper name or their native name: "We don't have dogfish. They are food." Bob commented that fish thrown on the beach are totally wasted. He requested that people "...please, release or bring home any fish they catch."

#### • Middle River Reports:

Gerald Simeon (Middle River Subsistence) reported that most people were finished fishing in Aniak. He commented that they were happy to have fish and were fighting the rain by using their smokehouses.

### KNA Inseason Subsistence Reports:

Amanda Holdt (KNA College Intern) reported that people surveyed in Aniak thought that king numbers were low but better than last year. She said that they wanted to see closures downriver. Amanda reported that people in Kalskag thought that king fishing was average, and that chum and reds were larger than normal. She said that they wanted long-term commercial closures. She reported that Chuathbaluk had low king numbers and low sockeye numbers, and people there wanted net length restrictions to help kings get upriver. She said that Crooked Creek fished hard for two days and only caught 2 kings and a few reds, and Red Devil had too much debris for good fishing. *Please see July 2 Information Packet for full KNA survey results*.

Dan Gillikin (KNA) commented that people said that Chinook harvests were better than last year, but they would not consider 2013 a "good" year. He said that some people were done and others were still trying to fish. He also said that sockeye and chum abundances were high so people were wondering about the necessity of gear restrictions.

#### Upper River Subsistence Reports:

LaMont Albertson (Sport Fish) agreed with Wayne Morgan that we need to keep what we are calling "a good year" for Chinook in perspective. This year may

better than 2012 but is not a good year by historical standards. LaMont's subsistence report was that he put up a couple chum, and some whitefish and pike. He hasn't killed a king in 3 years.

Evelyn Thomas's (Upriver Subsistence alternate) gave a report (delivered by Mark Leary): She reported that people in Crooked Creek were trying to catch chum because there weren't any kings there. She thinks, "Close down the river and the Pollock fishery."

Mark Leary (Upriver Subsistence) commented for his subsistence report. He said, "I'm going to say what nobody is saying [about] the reason we are having an emergency meeting. I feel sick. We overfished this run. Notice I said 'we.' Even though we caught less than we used to, a lot less in Napaimute, I feel guilty for the 56 kings we caught here. If we had been more honest about ourselves about the strength of this run from the beginning, I would have taken less. Those Bethel Test Fish numbers have been low from the beginning, and we ignored it."

- Ray Collins (Western Interior RAC) had nothing to report.
- Headwaters Report: none

# 2. Overview of Kuskokwim River salmon run assessment projects:

Bethel Test Fishery:

Kevin Schaberg (ADF&G) gave BTF updates. He stated that the water level was currently below average but he expects it to come up from the recent rain. Water temperature was average and water clarity was well below average.

The Chinook Cumulative CPUE was tracking below 2012 and the last few years. He said that there are more fish than last year, but not enough to be an average run, so reaching escapement goals would be "close."

There was no concern for chum escapement. The sockeye run was tracking in the middle of other years and was still building.

#### Discussion:

In response to comments made earlier in the meeting, Bev Hoffman and Kevin Schaberg explained BTF operations and value as a consistent tool. Stuart Currie (Processor) explained that the Eek Test Fishery was not a consistent tool so the project was discontinued. Travis Elison (ADF&G) commented that he would love to have a test fishery at the mouth of the river, but Eek did not give reliable abundance information and it was too difficult to the distribute fish afterwards.

Tom Doolittle (USFWS) asked Kevin Schaberg to explain how 2013 could be considered "a better fishing year" than 2012, when 2012 had 36 days of no Chinook harvest and 2013 has not had any restrictions so far. Kevin replied that 2013 BTF CPUE values would most likely be higher than 2012 values if it weren't for this year's harvest.

#### Weirs:

Kevin Schaberg gave updated counts and reported that all weirs were operational except for Tatlawiksuk, which will be installed today. Kogrukluk will be monitored for high water.

#### Comments:

Bev Hoffman asked Steve Miller if USFWS is using video systems on their weirs. He replied that video is being used for the first full year on the Kwethluk and for the fourth year on the Tuluksak.

Tim Andrew asked how escapement projects were tracking. Kevin Schaberg replied that most weirs have only been operational one week so it's too early to make any escapement projections. Kevin said that some weirs saw big numbers in the beginning, which have dropped off now. He told Tom that we will know more in a few weeks.

**3. ADF&G Recommendation:** The Working Group did not approve ADF&G's initial recommendation (see Motion 2 for details). After much discussion, members agreed on a new recommendation, which the Department accepted:

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<u>Tuluksak to Chuathbaluk</u>: Effective 11:00 p.m., Saturday, July 6, 2013 until 11:00 p.m., Sunday, July 14, 2013 subsistence salmon fishing is restricted to the use of gillnets with 6-inch or less mesh size, not exceeding 50-fathoms in length and 45 meshes deep. Hook and line fishing for king salmon is also closed. This action extends the restrictions in this area that begin on July 3 for 8 additional days.

The river above Chuathbaluk remains unrestricted.

### Discussion:

The Chair allowed non-members voice their opinions in order to hear as much input as possible from the middle and upper river. *Please see Motion 2 and Motion 3 for comments on the recommendation.* 

**OLD BUSINESS:** none

**NEW BUSINESS:** none

#### **WORKING GROUP MOTIONS:**

**MOTION 1:** To accept the agenda as amended. Motion passed unanimously (9 yeas, 0 nays).

**MOTION 2:** To accept ADF&G's recommendation. Motion failed (2 yeas, 6 nays).

- Mouth of the Kuskokwim River to Tuluksak: To extend the 6-inch or less mesh size restriction for 6 or more days. This area would open to unrestricted gillnet gear on July 10.
- <u>Tuluksak to Chuathbaluk:</u> Open for two days unrestricted mesh size on July 7 and July 8, then restrict to 6-inch or less mesh size for three days from July 9 to July 11. This area would open to unrestricted gillnet gear on July 12.

#### **COMMENTS FOR MOTION 2:**

#### Agreement:

Mike Williams commented that the recommendation was good even though it was a bit confusing. He agreed with allowing for subsistence fishing opportunity in the upper section because everyone below Tuluksak was finished fishing.

# Disagreement:

Mark Leary said that the recommendation was confusing in regard to when you can and can't fish. Travis Elison replied that he recommended a 2-day window for families who need more fish. He then said that it wouldn't make much difference if the recommendation was changed so that the original 4-day restriction just extended 3 more days.

Bev Hoffman said that the recommendation was confusing for upriver. She suggested keeping the 6-inch mesh restriction for the lower section, but make the upper section unrestricted after July 6. She commented that summer is over and the long range forecast is not good, so people will be jarring and freezing.

Bob Aloysius, Dan Gillikin, and Ray Collins suggested a 6-inch gear restriction implemented for the rest of the season. Bob said that he planned to vote against the motion because conservation of king salmon should be first priority. Dan Gillikin commented that people would probably be willing to live with a 6-inch gear restriction upriver because most people have that size net. Dan said that even though there is less harvest upriver, such a restriction could result in significant savings.

# Other comments:

Don Rivard (OSM) asked the Department what the Chinook escapement goal was and if it would be met this year. He said, "If it looks like you may not meet your minimum escapement goal this year, you need to really take that into account when making your decisions." Kevin Schaberg replied, "We don't know yet," and explained that the minimum escapement goal is 65,000, but the BTF tool uses a lower bound of 85,000 in order to be conservative. "At this point, the BTF Late Run Timing Tool shows that we will achieve 85,000 Chinook, but the Cumulative CPUE indicates that we will not." The Department initiated 6-inch mesh restrictions last week and wants to continue using a conservative approach since the BTF has not seen a significant increase.

Tom Doolittle (USFWS) asked whether it was better for conservation to extend restrictions rather than allowing a window in between restricted periods. Travis Elison replied that it was difficult to say, but keeping a solid block of days restricted would probably save a few more fish. Travis said that based on the comments and discussion he heard today, he would be willing to change his recommendation.

**MOTION 3:** To accept the *revised* ADF&G Recommendation: Motion passed (7 yeas, 2 nays).

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### **COMMENTS FOR MOTION 3:**

## Agreement:

Fritz Charles commented that his family was finished fishing and he would be fine with 6-inch restrictions.

Don Rivard clarified that only 78% (not 90%) of the Chinook run had passed BTF. Don said, "There is still almost a quarter of the run that has to go by the Bethel Test Fishery, and that's a significant amount of fish..."

Casie Stockdale suggested making motions separately for upriver and downriver, or else a motion that would support restricting both sections until the 90<sup>th</sup> percentile of the Chinook run. Bev Hoffman suggested that having the same standard for each area keeps things fair. Bev urged upriver callers to contribute to the discussion because the motion would affect their area the most.

Tom Doolittle supported the motion.

### <u>Disagreement:</u>

Mike Williams said he preferred Motion 2 because it allowed more subsistence harvest opportunity. He said that he planned to vote against any other motion.

Dwayne Hoffman from Kalskag said that some people in that area only have one net and it's larger than 6-inches, so he thought Motion 3 was unfair to them.

Mark Leary said he did not support the motion because downriver fishers had been unrestricted at the beginning of the season, when he felt that more caution was warranted. Bev Hoffman told Mark that the recommendation was not for a closure, just a restriction until the 90<sup>th</sup> percentile of the Chinook run. She said that "maybe we should have done things differently before, but this is where we are now."

Travis Elison said that the Department could adopt Motion 3.

# Other Comments (Including discussion before Motion 3 was made):

Several members asked why the 6-inch restriction could not be extended until the end of the fishing season. Travis Elison replied that the department cannot continue to restrict for king salmon when the kings salmon run in over. Furthermore, he would not want to restrict those who only own a 6  $\frac{1}{2}$ " net from harvesting chum and sockeye. He said that July  $9^{th}$  is believed to represent the 90 percent point for the run at Bethel, and that the run will be considered over [in Bethel] at that point because between July 2 and July 14 only 2% of the run typically passes. Tuluksak would be at the  $83^{rd}$  percentile of July 9, so restricting until July 14 above Tuluksak would be a good compromise from his previous recommendation.

John Andrew recommended closing the river from the mouth to Tuluksak until July 26 to protect king salmon. Mike Williams disagreed.

Travis Elison commented that he was concerned about the middle river section being closed for 12 days, which was the same as the lower river. Unlike in the lower river, people above Tuluksak were still fishing. The Management Plan instructed him to consider the variability in abundance of king salmon as they move upriver, and apply restrictions consistent with that variability and availability for harvest. He said that Motion 3 was not consistent with the Management Plan and it ignored the concerns we heard from the upper river sections. Travis preferred ending restrictions on July 9 in both sections. Casie Stockdale commented that the Management Plan says there will be a window of opportunity "when possible," and noted that it's, "...somewhat subjective when it's possible and not possible." LaMont Albertson preferred to divide the Working Group recommendation into two motions. Mike Williams replied, "We can't do this upriver/downriver thing. It's for the whole river."

Dan Gillikin asked if restrictions could be lifted if the numbers improved in the upriver section. Travis Elison replied that is possible but highly unlikely.

#### **GENERAL COMMENTS FROM WORKING GROUP MEMBERS:**

Bev Hoffman commented that there had been a lot of good discussion on the subject of upriver subsistence needs, which should continue in the future. She mentioned that Working Group meetings used to be focused on commercial fishing, but the focus had shifted to subsistence, and commercial was not considered until after subsistence needs were met. Bev remarked, "Now is the time to look at some other serious issues. It's not going to be easy." She said she looks forward to working with fellow community members, the state, and federal staff on these matters.

LaMont Albertson commented that this had been an interesting meeting. He said that he didn't understand why Mike Williams opposed separate recommendations for upriver and downriver because there is a difference between the two areas. LaMont said that upriver people should be encouraged to participate in meetings more, and thanked those who had participated. He said that he was doubtful about the Department's suggestion that escapement goals might be achieved.

Mike Williams thanked everyone for considering people's needs, and said with these tough economic times, he saw families come together to share food. He also commented that it has been very beneficial to hear elders' thoughts and fears.

Stuart Currie commented that there had been much good discussion. He then stated that, after much deliberation, he had decided that Kuskokwim Seafoods won't be buying Coho in 2013. He was not sure whether the company would continue buying fish in the Kuskokwim region. Stuart said that he began working in the Bethel area in 1992 and has gotten to know the fishermen. He said that the 200 fishermen he works with will be left without a market and will lose the opportunity to supplement their subsistence lifestyle. "It's no one's fault..." but was the effect of a poor market and low Chinook returns. Stuart said he hopes that commercial fishing comes back to District 1A [above Bethel] someday.

Mark Leary commented that next year we need to conserve from the beginning. This year was, "Too little, too late." He said that he saw someone's Facebook post say that this year they put up 2-3 times as many fish as they normally do.

Chuck Chaliak told the Working Group that he was present for the meeting but could not un-mute his phone. He said that he was happy with Motion 3.

Ray Collins said he agreed that Working Group needs to have serious meetings about future management decisions. He said he believes that downriver communities need to shift some of their harvest to silvers, chum, and reds because they are all good eating. "Since we have freezers now, there is no reason to be short of food because drying weather doesn't matter." Ray stated, "We need to re-think how we are going to harvest if we are going to build the Chinook run again."

Charlie Brown commented that people in Eek have to travel one hour each way to go fishing, and they can only fish on high tides. He said that fishermen have to deal with bad weather, the 4-mile wide river, and channels that are difficult to navigate. He agreed with Bev Hoffman that BTF used to be an indicator for opening commercial fishing.

Gerald Simeon commented, "We go to these meetings and we sit on the phone and listen to people talk. The one word I keep hearing is 'decline.' In the end we are at these meetings to protect king salmon. Please respect the 6-inch [mesh restriction]."

Fritz Charles stated, "We have to work together. We are not doing this for ourselves. It's for generations to come." He agreed with many comments made at this emergency meeting. Fritz suggested adding discussion of "choke points" near Oscarville to the next agenda. He also wanted to recognize Stuart Currie for all his hard work as a Working Group member.

Bob Aloysius commented that people need to understand the difference between restrictions and closures. He said this in both Yup'ik and English: "Restrictions are NOT closures."

Travis Elison stated that it is very unfortunate that Kuskokwim Seafoods will not be operating any more. He said that it will also make managing the Coho and chum runs more challenging. Travis said he had more comments about strategy but will save them for a more appropriate date.

Casie Stockdale commented, "Sometimes I get the feeling like we all go away from these meetings being unhappy, and that's kind of hard....But we really tried to take into consideration all of the comments that were made, and went around on a lot of different

motions and they failed. I hope everyone can live with what we decided in the end, and I hope it's the right decision." She continued, "Hindsight's 20/20, but we have to make decisions on the available information that we have." She said that there had been some good recommendations at this meeting.

### **WORKING GROUP ATTENDANCE:**

MEMBER SEAT:	NAME:
DOWNRIVER ELDER	Chuck Chaliak
UPRIVER ELDER	Vacant
LOWER RIVER SUBSISTENCE	Mike Williams
MIDDLE RIVER SUBSISTENCE	Gerald Simeon
UPRIVER SUBSISTENCE	Mark Leary
HEADWATERS SUBSISTENCE	Absent
MEMBER AT LARGE	Fritz Charles
WESTERN INTERIOR RAC	Ray Collins
YK DELTA RAC	Bob Aloysius
COMMERCIAL FISHING	Charlie Brown/Greg Hoffman, Jr.
SPORT FISHING	Bev Hoffman
PROCESSOR	Stuart Currie
ADF&G	Travis Elison
CHAIR	Fritz Charles

## Other Participants:

ADF&G Comm. Fish: Chris Shelden, Kevin Schaberg, Travis Elison, Alice Bailey, Jan

Conitz, John Linderman

Sport Fish: John Chythlook, Tom Taube

Subsistence Division: Hiroko Ikuta

USFWS: Tom Doolittle, Robert Sundown, Steve Miller, Clarence Reardon OSM: Don Rivard, George Papas, Stephanie Mayhurst, Pippa Kenner

Dan Gillikin (KNA) Brad Gusty (KNA intern) Amanda Hoeldt (KNA intern) Raven Phillips (KNA intern)

Alissa Joseph (ONC) Roberta Chavez (ONC)

Shawna Thoma (Senator Begich) Agatha Erickson (Senator Begich)

Gerri Sumpter (Senator Murkowski)

Megan Leary (Napaimute/AVCP) Kate Schaberg (Georgetown) Timothy Andrew (AVCP)

Nick Kameroff (Aniak) Wayne Morgan (Aniak) Annie Lou Williams (Kalskag)

Amanda Holdt (Aniak) Dan Gusty (Aniak)

Lorraine Phillips (Aniak)

Casie Stockdale (Downriver Subsistence alternate)

Greg Hoffman, Jr. (Commercial Fisher alternate)

John Andrew (YK Delta RAC alternate) Bev Hoffman (Sport Fish alternate)

Duane Hoffman (Kalskag)

Dan Osdall (Kalskag)

Oscar Samuelson (Kalskag)

Bonnie Peersson (Kalskag)

Feyereisen Tribal Lisa (Chuathbaluk

Administrator)

Lucy Simeon (Chuathbaluk) Gary Peterson (Chuathbaluk)

Eric Marvin (Chuathbaluk) Rachel Conte (Chuathbaluk) Robert Herald (Chuathbaluk)

Chantel Phillips (Chuathbaluk) Patricia Yaska (Chuathbaluk)

Dara Friday (Chevak)

Clarence Daniel (Tuntutuliak/Bethel)

Warren Nikolai (Bethel)

## **GLOSSARY OF ACRONYMS:**

Alaska Department of Fish and Game (ADF&G), Orutsararmiut Native Council (ONC), Kuskokwim Native Association (KNA), Association of Village Council Presidents (AVCP), U.S. Fish and Wildlife Service (USFWS), Bethel Test Fishery project (BTF), Catch Per Unit Effort (CPUE), Coastal Village Seafoods (CVS), ADF&G Commercial Fisheries Division (CF), ADF&G Sport Fisheries Division (SF), Regional Advisory Council (RAC), Kuskokwim River Salmon Management Working Group (KRSMWG, Working Group, or WG), Sustainable Escapement Goal (SEG), Biological Escapement Goal (BEG), Management Objective (MO), Amounts Reasonably Necessary for Subsistence (ANS), Emergency Order (EO)