1 FEDERAL SUBSISTENCE BOARD 2 3 PUBLIC REGULATORY MEETING 4 5 VOLUME II 6 7 SHERATON HOTEL 8 ANCHORAGE, ALASKA 9 10 MAY 1, 2007 11 8:30 o'clock a.m. 12 13 MEMBERS PRESENT: 14 15 Mike Fleagle, Chair 16 Gary Edwards U.S. Fish and Wildlife Service 17 George Oviatt, Bureau of Land Management 18 Judy Gottlieb, National Park Service 19 Wini Kessler, U.S. Forest Service 20 Niles Cesar, Bureau of Indian Affairs 21 22 Bertrand Adams - Southeast RAC 23 Ralph Lohse - Southcentral RAC 24 Speridon Simeonoff - Kodiak/Aleutians RAC 25 Randy Alvarez - Bristol Bay RAC 26 Lester Wilde - Yukon-Kuskokwim Delta RAC 27 Jack Reakoff - Western Interior RAC 28 Mike Quinn - Seward Peninsula RAC 29 Victor Karman - Northwest Arctic RAC 30 Sue Entsminger - Eastern Interior RAC 31 Harry Brower - North Slope RAC 32 33 Ken Taylor, State of Alaska Representative 34 35 Keith Goltz, Solicitor's Office 36 37 38 39 40 41 42 43 44 Recorded and transcribed by: 45 46 Computer Matrix Court Reporters, LLC 47 3522 West 27th Avenue 48 Anchorage, AK 99517 49 907-243-0668

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PROCEEDINGS 1 2 3 (Anchorage, Alaska - 5/1/2007) 4 5 (On record) 6 7 CHAIRMAN FLEAGLE: Good morning. The 8 Federal Subsistence Board meeting resumes. And before we 9 start with the agenda again, just a couple of 10 announcements. 11 12 We did have a request yesterday by one 13 Board member that can't be here after today that wanted 14 to address the -- be here for the addressing of a certain 15 proposal. And just give a head's up, we'll go ahead and 16 schedule that for immediately upon returning from lunch, 17 and that is Proposal..... 18 19 MR. PROBASCO: 56. 20 21 CHAIRMAN FLEAGLE: .....56 on the Unit 22 25A sheep. And actually if we're in the middle of one 23 when we break for lunch, we'll take it up right at the 24 completion of that. So it will be the first one, 25 complete one after the lunch break. 26 27 We did have some discussion yesterday on 28 the role of the liaisons during the deliberative process. 29 I know that we've switched back and forth I guess 30 apparently in the way this has been done before by the 31 Board. And, I as the new Chair, spoke at a meeting down 32 at the Egan Center earlier this winter on how I 33 interpreted some letters that the Secretary Gail Norton 34 wrote concerning the issue of the State's liaison at the 35 Board table. And basically the letter is pretty clear 36 that the Secretary did want the Board to work closely 37 with the State, and I'm quoting here, that we expect the 38 Board to work closely with the State in a cooperative 39 manner that will maximize everyone's involvement and 40 guarantee that the subsistence program is operating 41 efficiently and effectively. We fully expect that the 42 Chairman will recognize the State for comment on any 43 issue relating to the coordinated regulation of fish and 44 wildlife resources. That's the letter to the Chairman. 45 46 And the letter to the Governor in 47 response to the Governor's request for a non-voting seat 48 at the table says essentially the same thing with a 49 little more language. The Secretary says to the 50 Governor, I anticipate that the appointment of an

1 official State liaison to work with the Federal 2 Subsistence Board, that sentence is the same. Although the State has the ability to propose a formal rulemaking 3 4 to establish a non-voting State seat on the Board, we are 5 optimistic that this approach will provide the same 6 benefit. 7 8 So my read on the letters that were 9 exchanged is that we are to allow the State to 10 participate in the process. 11 12 Now, where we differ as Board members and 13 our legal counsel is when we enter into the 14 deliberations. It gives the appearance that we have 15 extra Board members in the process that the rest of the 16 public or anybody else is not allowed to participate in. 17 The feeling is that this process, the deliberative 18 process is the Board's and the Board's itself. 19 20 And in reading what the Secretary's 21 intent was, I still find that it's worthwhile to 22 recognize the liaison, and this includes the RAC 23 Chairmen, the RAC Chairs. You are also liaisons that are 24 spoken of in the letter. That they can be called on 25 after the deliberative process is begun, after the motion 26 is made for additional information. 27 28 But I am going to draw the line on 29 debate. Yesterday on that last issue we had considerable 30 debate by both the RAC Chairmen and the State with the 31 Board, and that I think is what caused the consternation 32 among my Board members. 33 34 So what I'm offering is a compromise. I 35 think it continues to meet the intent of the Secretary's 36 letter that the liaisons are invited to participate, but 37 we will draw the line at entering into the debate. So I 38 just wanted to announce that change. 39 40 Like I said yesterday, this is my second 41 regulatory meeting, and so I'm still learning. And I 42 think we always should have open minds as to how we move 43 forward with stuff. 44 45 Before I start with the agenda, we're 46 going to open it back up for some testimony. Are there 47 any announcements other than what I just did, Pete. 48 49 MR. PROBASCO: No, Mr. Chair, no 50 announcements at this time.

1 CHAIRMAN FLEAGLE: Board members. 2 3 (No comments) 4 5 CHAIRMAN FLEAGLE: Okay. Let me go back 6 to Page 1 of the agenda, wherever I put that. There's 7 like three different ones here. Okay. All right. 8 9 I'm going to open back the comment period 10 on non-agenda items. And this opportunity is available 11 at the beginning of each day. Are there any interest in 12 testimony on non-agenda items. 13 14 MR. PROBASCO: I have none here, Mr. 15 Chair. 16 17 CHAIRMAN FLEAGLE: Thank you, Pete. Next 18 is public comment period on consensus agenda items. And 19 I know we do have one. We have Austin Ahmasuk who wants 20 to speak on some -- on an issue of some proposals being 21 placed on the consensus agenda. Austin. 22 23 Yes, George. I'm sorry, just a moment, 24 Austin. Bert. 25 26 MR. ADAMS: Mr. Chairman, I'd kind of 27 like to share a story with us this morning, if that's 28 appropriate. 29 30 CHAIRMAN FLEAGLE: Go ahead, Bert. 31 32 MR. ADAMS: All right. My very first 33 meeting representing the Southeast Alaska Chair, as 34 Southeast Alaska Regional Advisory Chair, I shared the 35 story about Raven and how he created, you know, a certain 36 place down in Southeast Alaska, you know, for the place 37 for the Tlingits to dwell, and then how he pulled into 38 the large canoe with the house on top of it, and put all 39 of the animals and birds and fishes in the sea upon the 40 land. 41 42 And one of the first things that he told 43 his people, or told the people after he had taken that 44 house off of the canoe and put it up on a place called 45 Gusayik (ph) on the Akwe River was that these resources 46 are being provided for you to be wisely taken care of. 47 And he outlined, you know, about three or four different 48 -- three or four concepts that he wanted the people 49 strictly adhere to. 50

1 And number 1 was that we should have 2 respect for everything. We hear this among our native 3 people all the time, respect, respect, respect. Native 4 Americans believe that there's life in everything. There 5 is life in this table here, there is life in this 6 planner, there's life in the trees, there's life in the 7 rocks. And that is one of the reasons why he says that 8 we should respect everything, because if we follow what 9 is known as the natural laws, those natural laws will 10 provide all of the things that we need to sustaining our 11 lives for us. But when we begin to mistreat them, then 12 we could see that some of these resources are going to go 13 away from us. 14 15 Another thing that he told us is that we 16 should not take more than what we need. And, you know, 17 our people followed that admonition for years and years 18 and years. 19 20 Another thing that he said was don't 21 waste. You know, try to make use of everything that you 22 take so that there is no waste. 23 2.4 And then the last thing that he asked the 25 people to do was to share. 26 27 Now, my story about the Gun-a-hoo area or 28 the village of Gusayik was very, very plentiful with 29 resources. This is where he put all of the animals and 30 the fowls of the air and the fishes into the seas. And 31 there plenty there for not only the people that 32 eventually began to populate there, but for other people 33 as well. There were people that came down from the 34 Interior, from along the Alsek River, and there were 35 other groups that came from the Aleutian Islands and from 36 Southeast Alaska. And it was always the protocol that 37 when somebody came to make use of those resources that 38 they meet with the leader and they negotiate, you know, 39 how much fish are going to be taken, how much seals were 40 going to be hunted, and there was always, you know, that 41 protocol and respect that group shared toward one another 42 in order that they might wisely partake of the use of 43 those resources. 44 45 And so I just wanted to share this with 46 you so that as we deliberate and -- as you deliberate and 47 as you listen to testimonies this day that, you know, we 48 follow those values. 49 50 When you talk about natural laws, when

1 you talk about TEK, when you talk about Western science, 2 they're all the same. Natural laws are anything that is unchangeable. It cannot be repealed. And we can almost 3 4 predict what's going to happen under certain conditions 5 and circumstances. Traditional ecological knowledge is 6 ideas or concepts or laws that are based upon the natural 7 laws. And so we gain this from our elders who are known 8 as the wisdom keepers, and the knowledge that we gain 9 from them, you know, is passed down from generation to 10 generation. And the things that they teach us, you know, 11 are based upon those principles, the principles of the 12 natural laws. 13 14 So is Western science. We know that we 15 go to school, you know, and learn about Western science, 16 that we take a theory and we begin to experiment with it, 17 and then as we see the results come out, and if it's 18 repetitive, and it meets the needs, that those laws are 19 reaching us that they are natural laws. 20 21 And so I just thought maybe I'd share 22 these thoughts with you this morning, Mr. Chairman, and 23 to whomever is here that as we talk about, you know, our 24 own little issues and problems in our regions and areas, 25 that these principles apply to all of us. They apply to 26 all of us. And if we follow and learn, you know, the 27 principles of the natural laws and TEK and use Western 28 science and bridge them all together, where can we go 29 wrong. Where can we go wrong. 30 31 Thank you, Mr. Chairman. 32 33 CHAIRMAN FLEAGLE: Thank you, Bert. 34 Appreciate the comments. Austin. 35 36 MR. AHMASUK: Thank you, Mr. Chairman. 37 For the record, Austin Ahmasuk, Kawerak Subsistence 38 Director. 39 40 I'll speaking about the Kawerak C&T 41 proposals. And as the Kawerak Subsistence Director, I'm 42 going to be disputing and asking for all of the Proposals 43 39 through 49 be pulled for consideration. Hopefully 44 that doesn't come as a surprise, because Kawerak is the 45 proponent of those proposals, and asks for those to be 46 pulled. And I'll be providing some brief comments this 47 morning as to why they should be pulled, and later on 48 today, I can provide much more detailed written comments 49 to the Board. 50

First of all, the first reason I'm going 1 2 to say as to why they should be pulled is perhaps the 3 most important reason, and that is this. There is not 4 consensus on the proposals. Kawerak as the proponent is 5 proposing something else, something different than what 6 the agency wants, and something different than what the 7 RAC wants. And the idea of consensus is that when 8 someone -- someone will propose an idea, someone else 9 will propose the opposing view, and then people work on 10 some sort of compromise. Well, that never even occurred 11 with these proposals. 12 13 What happened is the OSM folks, they have 14 their ideas, I think that they're flawed. I'll provide a 15 couple reasons as to why I think they're flawed, and 16 there simply is not consensus. And how these proposals 17 got on the consent agent is objectionable, because of the 18 fact that the proponent feels differently. 19 20 The proponent is not a single person. 21 It's Kawerak who is composed of 20 -- whose power is 22 derived from 20 tribal entities i the Bering Strait 23 reason. It's not a single person. 2.4 25 The Kawerak Board looked at these 26 proposals and developed them, and put them before you 27 back in '05. You've had two years now to look at these 28 things and ask for more information. It doesn't look 29 like a lot of information has come forward since that 30 time, since you directed that to happen. Okay. 31 32 So, number 1, there's no consensus on 33 them. You feel that there's consensus, but from my 34 standpoint, there isn't. 35 36 The other reasons are the reasonable 37 reasons in terms of how these proposals fit the criteria. 38 The first one is this. It appears that when the agency 39 developed its analysis, that they indicated that there's 40 a lack of harvest information, criteria number 4. They 41 didn't indicate that criteria 1 through 3 or 4 through 8, 42 you know -- they did at least say that -- or didn't say 43 that they didn't meet criteria 1 through 3 or 5 through 44 8. They did say that it did not meet criteria 4. 45 46 Well, that is very objectionable. That's 47 highly flawed. And for the -- and they did not provide 48 any evidence that there is indeed a lack of harvest 49 information for the C&T resources that Kawerak has 50 proposed. And to that I'll just say this, for OSM to

1 indicate that there is a lack of harvest information, it 2 is very objectionable. I asked our secretary just to look on the internet at various harvest information for 3 4 the C&T resources that are under consideration, and I 5 gave her, you know, fairly constrained directives, you 6 know. Just spend half an hour looking on the internet 7 harvest information, because I knew she would find it. 8 Well, this here little stack of papers, about three-9 quarters inch thick is what she found in half an hour. 10 There is harvest information. There is not a lack of it, 11 there is harvest information. The information that the 12 Federal Subsistence Board is being given by OSM Staff is 13 flawed. There is harvest information. 14 15 And for all of these proposals to be 16 grouped as they are, 39 through 49, and suggested for 17 opposition based upon one criteria when they meet all the 18 other 7 is very, very objectionable. 19 20 Okay. Now, the other reason, which I 21 think is reasonable as to why these C&T proposals should 22 be pulled is this. OSM and ADF&G indicate, as well as 23 the RAC, indicate that once you develop a C&T 24 determination for these resources, that all of a sudden 25 some other thing must happen, and that is, as indicated 26 in the analysis, that when these C&T proposals are 27 developed, that restrictions must be in place for non-28 subsistence users. Well, it just so happens that when 29 these proposals were developed, that was the very first 30 opposing and negative argument developed by OSM. And 31 that argument tainted all discussions on those proposals. 32 There simply is no foundation in ANILCA or in any policy 33 that I can find that indicates when you develop C&T 34 determination, that all of a sudden restrictions must be 35 in place. It's somewhere. Someone, OSM Staff as well as 36 the Federal Subsistence Board folks who went to our RAC 37 meeting, indicate that that's how it must occur, but I 38 simply can't find it in ANILCA or in any policy. It's 39 also not one of the criteria that you must utilize when 40 you develop C&T determinations. It's not. 41 42 And that point goes to this meeting, this 43 day. You have on your contentious agenda WP07-38. 44 You've approved it apparently. You are reinforcing the 45 idea that non-subsistence uses can occur with subsistence 46 uses in terms of WP07-38, which is Unit 22D Remainder, 47 moose. You're allowing a non-subsistence use to occur 48 with the subsistence use. You're reinforcing the idea 49 that non-subsistence use can occur together with 50 subsistence uses.

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1 There is no consensus on this idea. I've 2 never been approached, Kawerak has never been approached 3 for compromising or any compromises. There are a couple 4 of arguments that I have heard that I've already 5 indicated that I have no problem with, and that is the 6 residents of GMU 18, 20, and 23 who are on our borders 7 likely have subsistence uses of GMU 22 resources. I 8 wholeheartedly believe that they do. I don't doubt that 9 they do. But it would have been terribly presumptuous of 10 me to write a proposals for those other regions when I'm 11 not even a resident of those regions, and I can't 12 possibly, myself, you know, create those proposals for 13 them. You know, that's their job. All I can do is 14 concentrate on the resources I have, or the resources 15 that are within our region. 16 17 And so I've provided I think three 18 reasons why I think that these proposals should be 19 pulled. I have no idea what the Board's going to do. In 20 my opinion, no matter what you do, if you eventually do 21 oppose them, Kawerak will likely come back with 22 additional C&T proposals. We'll work even harder the 23 next time around on C&T proposals. It's my 24 understanding, you know, that these proposals are -- in 25 the eyes of OSM, they're quite detailed. Well, the next 26 time around they're going to even be more detailed. 27 28 And so, you know, with that, those are my 29 comments on those C&T proposals, and thank you. 30 31 CHAIRMAN FLEAGLE: Thank you, Austin. 32 33 Questions, Board members. Judy. 34 35 MS. GOTTLIEB: Mr. Chair, I do think it 36 would be worthwhile to hear these proposals that Austin's 37 bringing up, so I would like to add them back on our 38 agenda. 39 CHAIRMAN FLEAGLE: Judy, would you refer 40 41 to them by number so we can so we can pull them off? 42 43 MS. GOTTLIEB: Sure. It's 39 through 35 44 -- excuse me. 39 through 35. 45 46 CHAIRMAN FLEAGLE: 45. 47 48 MS. GOTTLIEB: Sorry. Right. Let me go 49 back to the table of contents. 50

1 CHAIRMAN FLEAGLE: Yeah, I've got it 2 here. I found the page. 39 through 45, which is treated as basically one proposals. 46, 47 and 49, 49. 3 4 5 MS. GOTTLIEB: Right. Thank you. Unit 6 22. 7 8 CHAIRMAN FLEAGLE: Your intent is to 9 place those back on the non-consensus agenda? 10 11 MS. GOTTLIEB: Exactly. Thank you. 12 13 CHAIRMAN FLEAGLE: Okay. Thank you. 14 Austin, we'll put those on the agenda, and we'll have 15 further discussion on those for later in the meeting. 16 Thanks for your comments, and go ahead and turn your 17 microphone off, please. 18 19 MR. AHMASUK: Thanks. 20 21 CHAIRMAN FLEAGLE: Okay. Pete, do we 22 have any other consensus agenda testimony? 23 MR. PROBASCO: No, Mr. Chair. And based 2.4 25 on the action the Board just took, we will insert 26 discussion of those proposals where it best fits in the 27 agenda under Seward Peninsula. 28 29 Mr. Chair. 30 31 CHAIRMAN FLEAGLE: Thank you, Pete. 32 33 MR. ALVAREZ: Mr. Chair. 34 35 CHAIRMAN FLEAGLE: Good morning, Randy. 36 37 MR. ALVAREZ: Good morning. Thank you. 38 I was going to bring it up in the morning. Consensus 39 agenda's proposals, I was wondering if I could go back 40 and discuss one of our proposals that was on the 41 consensus agenda. I could do it in the morning when you 42 ask for that, but we'd be stepping back one step from 43 public testimony if I was to do it now, and I was just 44 wondering if I can discuss..... 45 46 I just want to make a comment on one 47 proposals, how we feel about it, because it's on this 48 consensus agenda. It's Proposal 25 that we had submitted 49 concerning moose buffer zone, and our Council had 50 submitted it. Ms. Gottlieb was at our meeting when we

1 discussed it, and we opposed the proposal when it came 2 forth with new information, and I was just kind of 3 wondering if I could comment on that. We are still in 4 opposition to it, but I feel I need to comment on why. 5 The problem still exists that we see. 6 7 CHAIRMAN FLEAGLE: Any objection, Board 8 members? I mean, it is comment on a consensus item. 9 10 (No comments) 11 12 CHAIRMAN FLEAGLE: Randy, go ahead. 13 MR. ALVAREZ: Okay. Thank you. 14 It's 15 Proposal 25 that we had submitted. It starts on 299. 16 17 And this proposal asks that a buffer zone 18 for moose be implemented two miles on either side of some 19 rivers and streams, creeks in Unit 9 and 17. And the 20 proposal says 17A, but it should be just 9 and 17, which 21 is Bristol Bay area. 22 We submitted this proposal because this 23 24 regulation already is in effect on some State land in the 25 Nushagak area, which is in part of 17, for moose, and 26 then on the Kuskokwim for moose and caribou. So that's 27 the reason why we asked for the same proposal. Although 28 when the proposals came back before our Council to 29 discuss whether we're in support or in favor of it, we 30 found out that it goes against ANILCA, because to 31 restrict non-residents from this area is not warranted 32 unless it meets certain criteria, and the criteria was 33 that the population wasn't in need -- for concern. 34 And if you would turn over to Page 304, 35 36 and the second paragraph down, ADF&G population 37 objectives, and the last sentence or the second to the 38 last one and a half sentences, it talks about maintaining 39 -- what kind of densities need to be maintained, 25 bulls 40 per 100 cows in medium to high density populations, and 41 at least 40 bulls per 100 cows in low density areas. And 42 then the next paragraph down, at the beginning, the 43 current moose population in Unit 9 is considered to be 44 low and stable compared to its past population. 45 46 We discussed this with -- we had our --47 at a fish and game advisory committee meeting we also 48 brought this up. And the state biologist had said that 49 their population count is not very recent, you know, it's 50 probably at least five, six years old. And it's hard to

1 get good estimates we believe with timber and a lot of 2 brush where moose kind of hang out in. And we are going -- our estimate of -- estimation is that there's not as 3 4 many moose as the ADF&G believe there is, because we were 5 going by the harvest records. And if you look at the 6 harvest records, people aren't getting as many moose as 7 they used to be. And it's hard to get them. And having 8 to compete with non-residents where the resident 9 subsistence user goes, for the areas they utilize is 10 mostly with boats. You know, they can drive around with 11 four-wheelers if there's beach area, but most of the 12 hunting is done with skiffs up the rivers and creeks, and 13 there is competition with non-residents in these areas, 14 and especially we were concerned about Unit 9, and a lot 15 of people were complaining about, local residents, 16 because, you know, they were living in big boats with a 17 bunch of skiffs tied behind, and they were just a lot 18 more impact that the people liked to -- wanted to see. 19 20 But one of the -- we opposed the 21 proposal, because it goes against ANILCA, because it has 22 to be a population of concern, and it's not quite there 23 yet. But if it does drop any lower, we feel that it will 24 be, and then we will have merits to submit the proposal 25 again. And I think it needs to -- we need to have more 26 accurate moose populations. We feel that there just 27 isn't as much as ADF&G thinks there are. And mainly 28 because, as I said, that it's just hard to get a moose. 29 People aren't getting as many as they used to be, so we 30 feel that there isn't as many as they think there are. 31 And this area is only 27 percent Federal 32 33 land, so it would be hard to implement or regulate 34 Federal land. That was another issue that was discussed. 35 36 I just kind of wanted comment on the 37 proposal. We are opposed to it because it goes against 38 ANILCA, but I would like to, we would like to see 39 population estimates, because the one we -- talking to 40 our biologist, he didn't have much -- they hadn't had 41 much money the last couple years, and they've only been 42 doing areas -- less than half we believe it is of Unit 9. 43 9B especially, is where we think there's a -- the 44 population has dropped down to real low numbers. 45 46 So I just wanted to comment on this 47 proposal, and maybe we can get better population figures, 48 or new ones anyway in the future. 49 50 Thank you.

1 CHAIRMAN FLEAGLE: Thank you, Randy. 2 3 MS. GOTTLIEB: Mr. Chair. 4 5 CHAIRMAN FLEAGLE: Judy. 6 7 MS. GOTTLIEB: Thank you, Randy for those 8 comments, and I know these kind of access restrictions 9 are in place in other pars of the State, but I wondered 10 -- I know your RAC is rally good at doing this, that 11 perhaps thinking over other ways, cooperative management 12 plan or cooperative working group, you know, with Fish 13 and Game, that could be done to perhaps come up with 14 other kinds of solutions, too. 15 16 Thanks. 17 18 CHAIRMAN FLEAGLE: Thank you, Judy. Mike 19 Quinn. 20 21 MR. QUINN: Thank you, Mike. 22 I'd like on this recent deal with 23 24 Proposals -- the Unit 22 proposals that Austin spoke 25 about. This is my first time here, so I'm probably not 26 totally familiar with everything, but I want to say we've 27 got some really important work to do here, but we have to 28 do it in a certain amount of time. 29 30 Now, I believe the reason that an item is 31 on the consensus agenda, and maybe Mr. Buklis can help me 32 with this, is because the RAC, the OSM and the State all 33 have consensus on the position for that proposal, or in 34 this case those proposals. The fact that Kawerak 35 disagrees with this consensus I'm thinking is not a 36 reason for it to be on or off the consensus agenda. 37 Kawerak had a chance to plead their case at our RAC 38 meeting. 39 40 Judy, were you there? 41 42 MS. GOTTLIEB: (Shakes head negatively) 43 44 MR. QUINN: Okay. But I've seen you at 45 our meetings before. Okay. 46 47 Unfortunately, at that time in February 48 Kawerak, Augustin was not there and did not provide us 49 with all his information. Anyway, but our RAC, which 50 also basically represents the people of that region,

1 including the tribal members, voted on those proposals, 2 and this case we were all in consensus. 3 4 I'm not going to say that I've got a 5 problem with you taking it off the consensus agenda -- or 6 off -- yeah, off the consensus agenda, but like I said, 7 we've only got a certain amount of time to do this stuff, 8 and we need to get through it. And there's certainly 9 ample opportunity in the future for Kawerak to come back 10 and do this again. And a lot of people have had to do 11 that with proposals over the years, because it takes time 12 to -- for everybody to agree. Anyway, thank you. 13 14 CHAIRMAN FLEAGLE: Thank you, Mike. I 15 appreciate the comments. We have established that those 16 proposals will be addressed. So appreciate the comments, 17 and we'll -- obviously you'll be able to weigh in on them 18 as Chair when they are before us again. 19 20 MR. QUINN: Right. 21 22 CHAIRMAN FLEAGLE: Any other comments 23 before we move into deliberations again. 2.4 25 (No comments) 26 27 CHAIRMAN FLEAGLE: All right. Hearing 28 none, then we're moving on to Proposal 07-16b. And let 29 me get my notes for the..... 30 31 MR. PROBASCO: Dan LaPlant. 32 33 CHAIRMAN FLEAGLE: Dan LaPlant. 34 35 MR. LAPLANT: Good morning, Mr. Chairman, 36 members of the Board. For the record my name is Dan 37 LaPlant. 38 39 I just wanted to start us out this 40 morning on Proposal 16b by introducing Greg Risdahl. 41 He's to my far left. He's a new Staff biologist for OSM. 42 He'll be delivering the Staff analysis for this and 43 several other Southcentral and other analyses here for 44 the next couple days. And also to my left is Donald 45 Mike. So I just wanted to make those introductions. 46 Thank you. 47 48 CHAIRMAN FLEAGLE: Thank you. Good 49 morning. 50

1 MR. RISDAHL: Good morning, Mr. Chairman, 2 members of the Board. 3 4 Wildlife Proposal 16b begins on Page 186 5 of your Board book. Proposal 16b was submitted by the 6 Ninilchik Traditional Council. It requests that a 7 subsistence season be established for the harvest of 8 black bears in Units 15A and 15B. The proposal requests 9 a July 1 through June 30 season with a three bear harvest 10 limit, the same as currently exists for Federally-11 qualified subsistence users in Unit 15C. Rural residents 12 of Nanwalek and Port Graham have a positive customary and 13 traditional use for black bear in Unit 15C; however, 14 there is no Federal subsistence priority for black bear 15 in Units 15A or 15B. 16 17 Fifty-two percent of the lands in Unit 15 18 are managed by the Kenai National Wildlife Refuge, less 19 than one percent are Kenai Fjords National Park lands, 20 which are not open to subsistence uses. 21 22 Black bear hunting has been open year 23 around on the Kenai Peninsula since 1980 under State 24 regulations. Since 1994 the bag limit has been two bears 25 per regulatory year, including one bear in the fall 26 season, which is July 1 through December 31, and one bear 27 in the spring, January 1 through June 30. 28 29 The meat, skull and hides must be 30 salvaged during the spring season. During the fall 31 season, only the skull and hide must be salvaged. 32 Evidence of sex must be retained naturally attached to 33 the hide. Skulls and hides must be sealed within 30 days 34 of being harvested, and it is illegal to take cubs and 35 females -- cubs or females accompanied by cubs. 36 37 Bear baiting is allowed through an ADF&G 38 permit from April 15th through June 15th, except in 39 certain areas along Resurrection Creek and its 40 tributaries, within one-quarter mile of the Kenai, 41 Kasilof and Swanson Rivers, and in portions of the Kenai 42 National Wildlife Refuge. Fish or fish parts may not be 43 used as bait. Completion of a bear baiting clinic is 44 required by all bear baiting permit holders. 45 46 In terms of the regulatory history for 47 the Federal subsistence users, in regulatory year 1991 48 the Federal Subsistence Board first provided for a 49 Federal subsistence black bear season in Unit 15 from 50 July 1 to June 30 with a three bear harvest limit.

1 Because there was no subsistence eligibility 2 determination, it was open to all rural residents. 3 4 In 1996 the Board made a positive 5 customary and traditional use determination for black 6 bear in Unit 15C for residents of Port Graham and 7 Nanwalek, thereby excluding all other residents from 8 participating in the Federal subsistence hunt. In 9 addition, beginning in regulatory year 1996-1997, the new 10 language no longer provided for a season in Units 15A and 11 15B for Federally-qualified users. Unit 15 Federal 12 subsistence black bear regulations have remained 13 unchanged since 1996. 14 15 There are no harvest permits or tags 16 required for the harvest of black bears on the Kenai. 17 Harvest data is collected by ADF&G at the time of sealing 18 hides and skulls. All reported harvest under Federal 19 subsistence regulations is included within the State's 20 sealing database. 21 22 The black bear population on the Kenai 23 Peninsula is stable and productive with an estimated 3 to 24 4,000 black bears in Units 7 and 15 combined. Density 25 estimates in Unit 15, for example, range from 26 approximately 205 to 265 black bears per 385 square 27 miles. Black bear densities are believed to be the 28 highest along the southern coast where the -- and lower 29 -- where lower brown bear densities and healthy salmon 30 runs exist. 31 The ADF&G black bear management objective 32 33 for the Kenai Peninsula is to regulate the harvest so 34 that no more than 40 percent of the harvest consists of 35 females. 36 From 1995 to 2006 the black bear harvest 37 38 on the Kenai Peninsula, which includes Units 7 and 15, 39 has produced an average take of around 334 bears per 40 year. This includes black bears harvested under both 41 State and Federal regulations. Approximately 40 percent 42 of the harvest takes place in Unit 7, in Unit 15A, 14 43 percent, 8 percent in Unit 15B, and 38 percent in Unit 44 15C. Historically, females have comprised an average of 45 about 26 percent of the total annual harvest, well below 46 the harvest objective of below 40 percent. From 1995 47 through 2006, an average of 83 bears each year are taken 48 over bait, which is about 24 percent of the total black 49 bear harvest on the Kenai. 50

1 From 1995 through 2004, two-thirds of the 2 annual harvest took place in the springtime in Units 15A 3 and 15C. The fall harvest made up about a third of the 4 total take. By contrast, the spring harvest made up 19 5 percent of the total take in Unit 15B. 6 7 In sum, from 1995 through 2004, 8 approximately 39 percent of the total black bear harvest 9 occurred during the fall hunting season, that is July 10 through December when the salvage of meat is not required 11 by State regulations. 12 13 The Ninilchik Traditional Council 14 proposal would require the salvage of meat by all those 15 participating under Federal subsistence regulations 16 during both the all and the spring seasons in Units 15A 17 and 15B. 18 19 A modified proposal was to develop a 20 Federal subsistence registration permit for black bears 21 in coordination with ADF&G. It was considered, but 22 rejected because it was considered impractical, costly 23 and unnecessary. Specifically, hunters desiring to hunt 24 on both Federal and non-Federal lands would be required 25 to have both their State general hunting license as well 26 as a permit. It would require additional work and 27 expense for both State and Federal agencies in issuing 28 permits, collecting and sharing harvest data and 29 coordinating to reduce duplication of effort. It would 30 unnecessarily increase the complexity of the black bear 31 regulations, making it more difficult for Federally-32 qualified subsistence users to hunt on Federal public 33 lands. Currently a more intensive monitoring system for 34 the black bear population on the Kenai is not needed. 35 36 The effects of the proposal as proposed 37 include the additional subsistence harvest as a result of 38 implementing the proposal would likely be minimal and 39 consequently have little impact on the over-all black 40 bear population in Unit 15. Bear baiting would continue 41 to be allowed under the Kenai National Wildlife Refuge 42 permit conditions in the same areas that are currently 43 open. 44 45 In contrast to the State hunting 46 regulations, black bears harvested under the Federal 47 regulations would require that the meat be salvaged 48 during both the fall and spring seasons. It is 49 anticipated therefore that the majority of the black bear 50 harvest would continue to occur under the State general

1 hunting regulations. 2 3 Adoption of this proposal would add some 4 complexity to the Federal subsistence hunting 5 regulations, giving residents of Ninilchik the 6 opportunity to harvest three bears in Units 15A, 15B and 7 15C under the Federal subsistence regulations. However, 8 it does align Federal regulations in 15A and 15B with 9 those in 15C. 10 11 The preliminary conclusion is to support 12 the proposal, provided the Board -- well, we've already 13 made a positive customary and traditional use 14 determination here. 15 16 The State season has been liberal for 17 many years and the black bear populations are considered 18 healthy and productive. This proposal would provide 19 opportunity for additional black bear harvest by 20 Federally-qualified subsistence users, but would have no 21 appreciable biological effect on the black bear 22 population. Additional opportunity for subsistence 23 harvest would be within current regulatory constraints 24 regarding the mandatory salvage of meat, sealing of 25 skulls and hides and regulations pertaining to bear 26 baiting to protect public safety. It would provide a 27 harvest limit of three bears under the new Federal 28 regulation in Units 15A and 15B that would be consistent 29 with the existing Federal harvest limit in Unit 15C. 30 31 Thank you. 32 33 CHAIRMAN FLEAGLE: Okay. Thank you. 34 Questions, Board members. 35 36 (No comments) 37 38 CHAIRMAN FLEAGLE: Summary of written 39 public comments, Donald. 40 41 MR. MIKE: Mr. Chair. There were no 42 written public comments received. Thank you. 43 44 CHAIRMAN FLEAGLE: Thank you. Public 45 testimony, Pete. 46 47 MR. PROBASCO: Mr. Chair. We have no one 48 signed up for this agenda item. 49 50 CHAIRMAN FLEAGLE: Thank you. Regional

1 Council recommendation, Ralph Lohse. 2 3 MR. LOHSE: Thank you, Mr. Chair. 4 5 The Southcentral Alaska Subsistence 6 Regional Advisory Council recommended support of Proposal 7 WP07-16b with the following modifications. The following 8 modifications are black bear, Units 15A and B, two bears 9 by Federal registration permit. 10 11 From the information we received, bear 12 populations were stable, healthy, productive. The State 13 seasons were liberal. Most of the bears will probably be 14 taken in Unit 15C as we looked on that chart, that's 15 where most of the hunting by Ninilchik has been done in 16 the past. And when we look at the current harvest of the 17 bear and moose under current subsistence hunts, we don't 18 expect to see any great increase, so it will probably 19 have minimal impact on the bear population. But we did 20 want to approach this with care, so we recommended a 21 registration hunt so that we can build a record, so that 22 we can see what happens, and so that if there's any 23 problem, we can adjust the seasons in the future. 2.4 25 Thank you. 26 27 CHAIRMAN FLEAGLE: Thank you. Questions. 28 Judy. 29 30 MS. GOTTLIEB: Mr. Chair. Thank you. 31 32 So the RAC did not view the Federal 33 registration permit as burdensome then would be my 34 assumption. 35 MR. LOHSE: From the information that we 36 37 got from the subsistence users that were attending that 38 meeting, they didn't consider it a burden, and they 39 actually looked at it -- from my standpoint from talking 40 to them, they looked at it as an opportunity to build a 41 record, to show that their use was there, and that they 42 were not abusing the resource, and so that there could be 43 no question about that in the future. Although I would 44 suggest asking them, too. 45 46 MS. KESSLER: Mr. Chair. 47 48 CHAIRMAN FLEAGLE: Wini. 49 50 MS. KESSLER: Ralph, why was it that the

1 Council went with two bears rather than the original 2 three that was proposed? 3 4 MR. LOHSE: First of all, our Council has 5 a tendency to be very conservative, especially when it 6 comes to the use of resources, whether some people 7 believe that or whether they don't. 8 9 And currently in Unit 15A and 15B, the 10 current limit is two. And what we recommended at one 11 time was that the two could be taken at any time. It 12 didn't have to be one in the spring and one in the fall. 13 We just said -- which is what it currently is under State 14 regulations. They can take one bear in the spring, one 15 bear in the fall. We just said two bear per year. They 16 could the two bear in spring if they wanted to, they 17 could take the two bear in the fall. We considered that 18 a meaningful preference, and we were trying to have the 19 least impact that we could. 20 21 CHAIRMAN FLEAGLE: Other questions. 22 23 (No comments) 2.4 25 CHAIRMAN FLEAGLE: All right. Thank you. 26 27 Alaska Department of Fish and Game 28 comments. Terry Haynes. 29 MR. HAYNES: Mr. Chairman. Residents of 30 31 Ninilchik can currently hunt black bear under State 32 regulations on all lands open to black bear hunting in 33 Unit 15. As has been pointed out, State regulations 34 allow harvest of two bears per regulatory year, one of 35 which may be harvested between July and December, and the 36 other between January and June. 37 38 In view of the low documented level of 39 black bear hunting by residents of Ninilchik, the State's 40 current regulations provide sufficient opportunity for 41 Ninilchik residents to hunt black bear. No evidence is 42 presented in the Staff analysis that requires 43 establishment of a Federal season that is more liberal 44 than the current State season in order to provide a 45 meaningful preference for black bear hunting by residents 46 of Ninilchik. 47 48 The evidence from harvest records and 49 subsistence studies presented in the Staff analysis 50 indicate that Ninilchik residents have reported

1 harvesting very few black bear on Federal lands in Unit 2 15. More generally, the State sealing data indicate that for the 10-year period 1996 to 2005, for example, a total 3 4 of 29 hunters from Ninilchik sealed 29 black bears. The 5 annual range of black bear sealed was from one to seven. 6 No hunter in any year sealed more than one black bear. 7 8 The Department became concerned about 9 increasing hunting and harvest of black bear throughout 10 Unit 15 about a decade ago. In response to concerns for 11 the sustainability of black bear, the Board of Game 12 revised the harvest regulations downward to the current 13 bag limit of two black bear per year split between the 14 spring and fall seasons. The Department is monitoring 15 harvest trends, which continue to increase. Discussion 16 of State management of black bear in the Staff analysis 17 for WP07-16b does not acknowledge the clear trend of 18 increasing harvest in Unit 15 over the past decade. 19 State managers are carefully evaluating any changes to 20 determine if additional reductions in harvest may be 21 necessary to continue management for sustained yield. 22 23 In conclusion, the Department opposes 24 creation of a Federal season for black bear in Unit 15 25 that is more liberal than the corresponding State season 26 in light of current management concerns, and in light of 27 the evidence of black bear hunting patterns in Ninilchik. 28 29 30 Current low levels of bear harvest and 31 use by Ninilchik residents indicate that State 32 regulations are already sufficient to provide the 33 opportunity for continued subsistence use of black bear 34 in that community. 35 36 Thank you. 37 38 CHAIRMAN FLEAGLE: Thank you, Terry. 39 Questions. 40 41 (No comments) 42 43 CHAIRMAN FLEAGLE: I have one. You heard 44 the RAC Chair suggest matching the State regulations. 45 How would the State then feel about the regulation were 46 it to be passed? I mean, it would basically have zero 47 net effect, if the opportunity would exist for a similar 48 harvest under State or Federal regulations then if the 49 bag limits were the same. 50

1 MR. HAYNES: Mr. Chairman. The problem 2 with the Regional Council recommendation is that it doesn't require the harvest one bear be taken during the 3 4 spring and the other in the fall, so you do have a 5 different situation. And if you want to monitor that 6 with a Federal registration permit, then that's fine, but 7 I think the fact it is not the same as the State season 8 when the Federal season would be not split. And it would 9 only be for 15A and B. 15C where most of the black bear 10 hunting appears to occur, the Federal harvest limit there 11 is already three bears per year, which is much more 12 liberal than the current State season. So without some 13 Federal harvest monitoring mechanism, it's real difficult 14 -- it's going to be real difficult to know where the 15 hunting is taking place, and that creates difficulties 16 for enforcement. 17 18 Federal lands are some distance away from 19 Ninilchik, and the evidence seem to suggest that most of 20 the bears they take are not on Federal lands. So for 21 their protection, if the Federal season is going to be 22 more liberal, then there should be a mechanism in place 23 to verify that they are hunting on Federal lands. 2.4 25 CHAIRMAN FLEAGLE: Thank you, Terry. 26 27 Other questions. George. 28 29 MR. OVIATT: Go ahead. 30 31 CHAIRMAN FLEAGLE: Gary. I'm sorry. 32 Yeah. 33 34 MR. EDWARDS: Mr. Chair. I was going to 35 ask the State, and I think Terry answered the question, 36 is that they seem to be assuming -- if a hunt does take 37 place, are supportive of having a registration hunt. And 38 I guess I was going to ask, Mr. Chairman, since Staff 39 seem to think that a registration hunt is impractical and 40 expensive and unnecessary, maybe Robin West, the Refuge 41 manager, who's going to be -- would be monitoring that 42 registration hunt, could come forward and talk about 43 whether it's impractical or expensive or so forth. 44 45 CHAIRMAN FLEAGLE: Yeah, can we complete 46 testimony and then do this during the deliberative 47 process? 48 49 MR. EDWARDS: Well, I just -- I was going 50 to hold it to then, but it seemed to me that it's more

1 appropriate now since we've had both the RAC and the 2 State address the registration. Either way is fine with me. I just didn't think it was appropriate to do it 3 4 during the deliberation, but that's fine. 5 6 CHAIRMAN FLEAGLE: Well, he's here. Why 7 don't you go ahead and ask him. 8 9 MR. EDWARDS: Well, Robin, I guess my 10 question was, is that in the Staff analysis they speak to 11 a registration permit being impractical, expensive, and 12 unnecessary, and would require additional work and 13 expense. And given that you're the ones that are going 14 to be doing the work and the expense, I wanted to give 15 you an opportunity to respond to that. 16 17 MR WEST: Thank you. Mr. Chair. Mr. 18 Edwards. Robin West with Kenai National Wildlife Refuge. 19 20 And indeed any time we administer a 21 registration permit, somebody has to print them, somebody 22 has to record, you know, the use, someone has to issue 23 them and explain them to applicants, and so there's 24 inconvenience and expense both to the government and to 25 the user. Nonetheless, it's always been our position 26 that in general when we're having hunts that are on 27 Federal lands that are different in scope, seasons, bag 28 limits or whatever from the State seasons, that some 29 mechanism is in place for us to responsibly administer 30 those. And that's exactly what we do with moose hunts, 31 that's exactly what we proposed for this season should it 32 be adopted by this Board. 33 34 There are a number of issues that I think 35 require that. One is that -- particularly with the case 36 of Ninilchik, it's still an educational process to a lot 37 of outlying community members whether they even qualify 38 or not. And we have this discussion frequently with 39 moose hunters in the fall. And, in fact, just because of 40 where the lines are on the map, often times relatives, 41 some qualify and some don't. A father may qualify and 42 the son may not, because of where they live along the 43 road system. Now, it's a separate issue perhaps, but at 44 the same time, folks, you know, have some responsibility 45 and they could get in trouble being qualified user or 46 not. 47 48 Additionally, our ability to know how 49 many bears are taken, indeed, there is a requirement for 50 the bears to be sealed by ADF&G. As testimony's pointed

1 out, sometimes that doesn't occur, but even if it does, 2 ready access to the database by Federal managers, it could be lacking given certain time constraints. And 3 4 even the subunits for registration doesn't insure that we 5 will ever know how many bears were taken on Federal 6 public lands. As you saw with the data yesterday when 7 you looked at this issue, some are on the refuge, some 8 aren't, and they're all in 15A, Subunit 11 or whatever. 9 So that leaves us, when it's all said and done, of trying 10 to evaluate the effects of this in the long run of not 11 having a clue on what was taken. 12 13 So there's liabilities to the user, and 14 inability for us to monitor an manage the hunt if we 15 don't use a registration permit. So I guess that's my 16 argument that if we do provide something different -- and 17 Fish and Game also agrees, as well as the RAC, with the 18 Refuge, that if we're going to do this, we should do a 19 registration permit. 20 21 Thank you. 22 23 CHAIRMAN FLEAGLE: Thank you, Robin. 2.4 25 Before I move on to InterAgency Staff 26 Committee comments, we do have a couple of cards handed 27 in, and I would like to re-open the floor to public 28 testimony. Pete. 29 30 MR. PROBASCO: Thank you, Mr. Chair. 31 These were received late. Maybe they were on the back 32 desk there. But first on black bear we have Kenny Odman 33 and Anna Grant, and I believe they're together. That's 34 the way it's written up, Mr. Chair. 35 36 CHAIRMAN FLEAGLE: Okay. We need to 37 accommodate them with another chair. Larry's working on 38 it. Thank you, Larry. 39 Good morning. If you wouldn't mind 40 41 stating your names for the record again, please. 42 43 MR. ODMAN: My name's Kenny Odman. I'm a 44 director for NTC, also a subsistence user. 45 46 MS. GRANT: And I'm Anna Grant, and I 47 work with the elders in Ninilchik, and I'm a subsistence 48 user. 49 50 Do you want to go first?

1 I agree with the recommendations of the 2 RAC. I would like to see the proposal agreed to. Right 3 now I've got my father and my son out there hunting bear. I've got a new granddaughter, and she'd like to have a 4 5 parka this winter. 6 7 That's all I have to say. 8 9 MR. ODMAN: I agree to the support of the 10 RAC and OSM, and wholeheartedly agree that WP07-16b 11 should be passed. And I think we fulfilled all of our 12 recommendations for what was needed and required. And 13 I'm going to be short, because Darrel is next. 14 15 Thank you. 16 17 CHAIRMAN FLEAGLE: Okay. I appreciate 18 the comments. And we don't have a Darrel, but at any 19 rate we do have another next. We do have another card. 20 And, Pete. 21 22 MR. PROBASCO: I don't have a card for 23 Darrel, but I do have one for Ivan. 2.4 25 CHAIRMAN FLEAGLE: Ivan. 26 MR. ENCELEWSKI: I turned it in. 27 28 29 CHAIRMAN FLEAGLE: Okay. Brown bears. 30 Okay. We'll give you black bears, too. Okay. Okay. 31 This is Ivan. Ivan Encelewski. 32 33 MR. ENCELEWSKI: Thank you, Mr. Chairman. 34 Members of the Board. My name is Ivan Encelewski. I'm 35 executive director of the Ninilchik Traditional Council. 36 Also a subsistence user. And I'll be brief as we 37 mentioned, now that you've allowed Darrel to come up. 38 39 I think we wholeheartedly agree with the 40 Staff analysis, 3 to 4,000 black bear. The population's 41 healthy. The subsistence harvest will be very minimal. 42 And no conservation concerns. I think our request for 43 what the State offers us is very minimal. 44 45 I wholeheartedly disagree wit the State 46 that opportunities provided by the Sate are subsistence. 47 The State doesn't acknowledge subsistence in our area. 48 The State has declared our area a non-subsistence area, 49 so I think their comments that -- opportunities provided 50 by them are a joke. Subsistence is not what the State

1 provides us. And I think ANILCA shows that. 3 In trying to be brief, you know, there 4 are a lot of opportunity and desire to hunt black bear. 5 My wife just recently a couple years shot one with a 6 little .40 handgun of mine. 7 8 And we talk about sealing data. We know 9 that that's not completely accurately. I know years ago 10 when there was a black bear coming into the garage when I 11 was a little kid, and my dad eventually shot it. And the 12 local Fish and Game officer had to tell him that, you 13 know, you've got to seal that thing, and, of course, we 14 didn't understand what that was. 15 16 Subsistence I think is the priority. I 17 think what we've asked for again is very conservative, 18 what the State requires, and we wholeheartedly agree with 19 the RAC recommendations. I don't think we have a problem 20 with the registration. I think we've always expressed 21 our desire for conservation along with meaningful 22 subsistence harvest. So I think we have no problem in 23 our part with any registration or tracking of the harvest 24 and the amount of black bears. 25 26 Anyway, that concludes my testimony. 27 28 CHAIRMAN FLEAGLE: Thank you. Questions, 29 Board members. 30 31 (No comments) 32 33 CHAIRMAN FLEAGLE: All right. Thank you. 34 And we did review the comment card, and he did write 16b. 35 Darrel Williams. 36 37 DR. WILLIAMS: Mr. Chairman. Members of 38 the Board. First I'd like to apologize for the little 39 goofy-goof on the paper. Now that it's all taken care 40 of, I've got another one for Pete. 41 42 My name is Darrel Williams for those of 43 you who don't know me. I work for Ninilchik Traditional 44 Council, and I am a subsistence user. 45 46 I'd like to request that the proposal, 47 16b, for a total of three bears be supported as was 48 forwarded by the RAC. It provides for a meaningful way 49 for people to be able to harvest bears. And I think one 50 of the most significant parts of this proposal is instead

1 of seeing a lot of incidental take where somebody is out 2 hunting and they happen to see a black bear, they'll take 3 it, it allows for people to go out and do a more 4 meaningful harvest and be able to get better products 5 from the bear and better meat in the spring. 6 7 I also -- I'd like to note the testimony 8 that was at the RAC before to try to save some time. 9 There was a lot of discussion about the methods of 10 harvest that takes place on the Kenai Peninsula, and the 11 shoot, shovel and shut up took a lot of time. And 12 there's a lot of that that happens there. The monitoring 13 and the harvest information is probably not as accurate 14 as it could be. 15 16 One of my good examples I have that I'd 17 like to share with you is that when a sportsman gets his 18 hunting license, does he go into a permitting process and 19 a tracking process to be able to show whether he 20 harvested or not? Now that's one of the things that's on 21 the table being requested of the subsistence users. 22 Sealing the bears and being able to get data from the 23 bears is a good thing, but having the subsistence user 24 group held to a higher standard than sportsmen is really 25 a tough go. 26 27 I believe in my own personal opinion that 28 the meaning of ANILCA did not say that subsistence users 29 had to compete with sports users. That's something that 30 I am just really not aware of, and I'm very confused 31 about. And I see a lot of that going one. 32 33 When we crafted this proposal, one of the 34 things that we wanted to do was to be able to essentially 35 mirror the State regulations and be able to not ask for 36 too much, try to have something reasonable and allow for 37 a meaningful preference. As we discussed this at the 38 RAC, one of the preferences that was addressed was the 39 being able to take two bears at -- in the same season so 40 to speak, either in the spring or the fall, depending on 41 the hunter and what they wanted to use the bear for. 42 Some people like the spring bears better, some people 43 like the fall bears who are eating -- feeding on berries 44 and stuff better. There is some personal preference in 45 that. But it gave the subsistence user a choice to be 46 able to go out and target the bear and be able to harvest 47 it for food and the hide and all the other stuff that 48 they use it for. 49 50 I think also by doing this we'll be able

1 to get and generate better data. If it allows people 2 more opportunity to be able to harvest in a way where they feel like they're not going to get in trouble, or 3 4 there's not a big lengthy process that's involved with 5 it, I think that we'll get better user data and we'll 6 know more about what people are and aren't doing. I 7 believe that in some of the other activities that we've 8 done here at the Federal level, the reporting has been 9 good, and I think the folks there would really cooperate 10 if they have some possession of what they're able to do. 11 12 That concludes what I have to say. Are 13 there any questions. 14 CHAIRMAN FLEAGLE: That's my question. 15 16 Are there any questions, Board members. 17 18 (No comments) 19 20 MR. PROBASCO: Mr. Chairman. 21 22 CHAIRMAN FLEAGLE: Pete. 23 2.4 MR. PROBASCO: Darrel, I apologize. Tt 25 was my mess up. You did fill it out properly, and so I 26 apologize. 27 28 DR. WILLIAMS: Mr. Chairman. Thank you, 29 Mr. Probasco. 30 31 Thanks for the CHAIRMAN FLEAGLE: 32 testimony. 33 34 DR. WILLIAMS: Thank you very much. 35 36 CHAIRMAN FLEAGLE: Okay. We're going to 37 take InterAgency Staff Committee comments. Larry Buklis. 38 MR. BUKLIS: Thank you, Mr. Chairman. 39 40 The InterAgency Staff Committee comments on WP07-16b can 41 be found on Page 194, and I'll highlight some key points. 42 43 44 The Staff Committee noted that the 45 Southcentral Council recommendation to adopt with 46 modification would provide a harvest limit of two black 47 bears per year in Units 15A and 15B by Federal 48 registration permit. In Unit 15C, the existing Federal 49 subsistence harvest limit of three bears would apply to 50 Ninilchik without registration permit requirement.

1 The Southcentral Council believes 2 adoption of its recommendation will provide a meaningful 3 preference for subsistence users. The Staff Committee 4 noted that this recommendation is supported by 5 substantial evidence, is consistent with recognized 6 principles of fish and wildlife management and 7 conservation, and would not be detrimental to subsistence 8 users. 9 10 If the Southcentral Council's 11 recommendation is adopted, subsistence users would be 12 able to take two bears at any time in a regulatory year 13 in Units 15A and 15B instead of being limited to one bear 14 in the fall after June 30th, and one bear in the spring 15 before July 1. 16 17 Federally-qualified subsistence hunters 18 would need to take care that they not exceed the State 19 harvest limit when hunting off of Federal public lands. 20 21 The requirement for a Federal 22 registration permit would provide for a more complete 23 harvest monitoring, including information on hunter 24 effort than is available from the bear sealing records 25 alone. However, as we've discussed already, the 26 registration permit requirement will cause some 27 inconvenience for subsistence hunters and some 28 administrative burden for the Federal Staff. 29 30 An alternative that could be considered 31 is noted by the Staff Committee, and that would be to 32 allow a harvest limit of three bears for all of Unit 15 33 without a requirement for a Federal registration permit 34 as is the case in 15C. And this is the OSM preliminary 35 conclusion which has already been reviewed. 36 37 The black bear population is healthy in 38 all of Unit 15 and considering the limited effort in 39 harvest of black bears by Ninilchik hunters in Unit 15A 40 and 15B in the past, a harvest limit of three bears in 41 the these units should not pose a conservation concern. 42 A more intensive harvest monitoring system as is provided 43 by registration permits is not considered necessary at 44 this time. It is anticipated that the majority of black 45 bear harvest in Unit 15 will continue to occur under 46 State hunting regulations which do not require permits as 47 the analyst already reviewed. 48 49 Thank you, Mr. Chairman. 50

1 CHAIRMAN FLEAGLE: Thank you, Larry. 2 Questions. 3 4 (No comments) 5 6 CHAIRMAN FLEAGLE: All right. Let's take 7 a break, a 10 minute break. Let's stand down. 8 9 (Off record) 10 11 (On record) 12 13 CHAIRMAN FLEAGLE: Good morning, the 14 Federal Subsistence Board is back on record. 15 16 And we've just dispensed with all the 17 testimony and discussions -- not discussions, but 18 testimony and comments on 16b. We now open for Board 19 discussion with Council Chairs and State liaison. Wini. 20 21 MS. KESSLER: Mr. Chair. It's come to my 22 attention that there's one more factor to consider with 23 respect to the registration permit, the aspect of the 24 proposal relating to that. And it concerns the closure 25 zone on the Russian River. So with your permission I'd 26 like to ask Jeff Bryden and Robin West to come up and 27 address that. 28 29 CHAIRMAN FLEAGLE: Okay. 30 31 MR. WEST: Mr. Chair, Ms. Kessler. Robin 32 West. 33 34 I'll let Jeff speak particularly to the 35 closure zone, but I think one of the things that -- along 36 the Russian River, excuse me. One of the things that the 37 registration permit should have in its language to 38 reinforce is where we have area closures for safety zones 39 and that kind of thing. And there are several, around 40 our headquarters area, around our outdoor education area, 41 out along the Swanson River. There are some restrictions 42 in the Skilak Loop area, and then along the Russian River 43 that Jeff can speak to. But I think it would just be 44 necessary to point out where there are firearm discharge 45 restrictions or seasonal closures on the registration 46 permit. In total on the Refuge, for all 2 million acres, 47 it's probably less than 3 percent that have those 48 restrictions. But that would be something that would be 49 included specifically in the registration permits. 50

1 MR. BRYDEN: Mr. Chairman. My name is 2 Jeffrey Bryden. I'm the lead law enforcement officer for 3 subsistence on the Chugach National Forest. 4 5 The Chugach National Forest is in Unit 7, 6 but we share a common boundary on the Russian River with 7 Unit 15, and the major route to get into the Russian 8 River corridor is through the National Forest Service. 9 That's where the trail system is. So if anybody was 10 interested in hunting in the Unit 15B corridor area, they 11 would most likely access through the National Forest, so 12 that's how I'm addressing this from a law enforcement 13 perspective. 14 15 The State currently has a closure during 16 the month of June and July on the Russian River corridor 17 on both Units 7 and 15, and the closure's within 150 18 yards of the river on either side. It's my understanding 19 from the vote that was taken yesterday allowing the 20 subsistence hunt to take place on the 15 part of this, 21 that wouldn't be in effect. The subsistence hunters 22 doesn't have to follow any of the State regulations on 23 that if they're making a subsistence hunt. So that's 24 just one of the closure areas that if we're going to do 25 it, we need to take a look at, is do you want that area 26 to be opened, do you want it to be closed, and just 27 letting us know from an enforcement standpoint how it's 28 going to take place. 29 30 CHAIRMAN FLEAGLE: You bet. And that 31 would be appropriate under this segment of the proposal, 32 not the one yesterday. The one yesterday just identified 33 that there was a customary and traditional use. It 34 didn't establish any hunt. So we'll take that into 35 consideration. Thank you. 36 37 Other discussion. 38 39 MS. GOTTLIEB: Mr. Chair. 40 41 CHAIRMAN FLEAGLE: Judy. 42 43 MS. GOTTLIEB: Well, I was just curious, 44 so do we ask that those same areas, you mentioned the 45 closure around the Russian River, but the one around the 46 headquarters and the education center, are those closed? 47 Do we ask that those are closed for the State hunt also? 48 49 MR. WEST: What I would ask you to 50 consider is just give the latitude, if you do pass the

1 registration permit provision, just give us the latitude 2 to make those conditions of the permit consistent with 3 management plans and objectives and safety restrictions that are already in place. 4 5 6 CHAIRMAN FLEAGLE: Any further discussion. Wini. 7 8 MS. KESSLER: So the important thing is 9 10 having the registration permit. As far as the details 11 that you've described, that could be worked out as part 12 of that process. For us the main thing is to consider 13 the proposal to have the -- that includes the 14 registration permit, right? 15 16 MR. WEST: Yes, I believe so, as long as 17 the understanding is there would be, you know, 18 stipulations in the permit such as we've put on record 19 here. Thank you. 20 21 MS. KESSLER: Okay. Thank you. 22 CHAIRMAN FLEAGLE: All right. Other 23 24 discussion. 25 26 MR. LOHSE: Mr. Chair. 27 28 CHAIRMAN FLEAGLE: Ralph. 29 30 MR. LOHSE: I'll try to be brief, as 31 brief as Darrel was, and I'll try not to interject later 32 on, but there's a couple of things that -- I've listened 33 to all of the different testimony that we've had here, 34 and are we in the process of discussing this proposal 35 right now, or are we going to wait until there's a motion 36 on the table to discuss it? 37 38 CHAIRMAN FLEAGLE: This is the 39 appropriate time for discussion, Ralph, and when we do 40 get a motion, we will gel it down further on the Board 41 level. 42 43 MR. LOHSE: Okay. Thank you. Then I've 44 just got -- I've got one question, one comment and one 45 observation that I'll give you. 46 47 And one of the things, we found a C&T for 48 this yesterday. And the observation -- the thing is that 49 we're now required to give a meaningful preference, and 50 to me a meaningful reference means exactly what the word

1 preference means. There has to be something special 2 about it, or something that meets the subsistence users 3 needs that's not currently being met. 4 5 And Terry brought up one of the things 6 that we discussed in our Council meeting and that the 7 proponents brought before us, is the fact that as we've 8 seen in Prince William Sound, as we've seen every place 9 else, we have a greatly increased take of black bear from 10 sport hunting in the State of Alaska as our population 11 grows. And the season -- the current liberal bag limits 12 and seasons that we have today probably cannot be 13 maintained into the future. And that's one of the 14 reasons why Ninilchik brought this forward, to get a C&T 15 and a Federal season established, is because of the fact 16 that most people that are into subsistence aren't looking 17 at it for themselves. They're looking at it for their 18 children and their grandchildren. They're looking at it 19 for the future. And as those things change, as increased 20 pressure takes place on a resource and restrictions have 21 to be placed on the sport hunting for black bear and 22 things like that, we'd like -- they'd like to have a 23 preference in place on the books for the subsistence 24 hunter. And that's the reason that we could look at this 25 and we could say, this establishes a meaningful 26 preference with what we were asking for. 27 28 It's always interesting to me that the 29 Sate and everybody else would like to see the subsistence 30 hunter held to a higher standard, or the subsistence 31 fisherman held to a higher standard. Better record 32 keeping. Better proof. Better registration permits and 33 all of this. They're willing to do it, because it 34 creates a record. I'm hoping the day comes when the same 35 thing is applied to all sport hunters, too. 36 37 So thank you. 38 39 CHAIRMAN FLEAGLE: Thank you, Ralph. 40 41 Other discussion. 42 43 (No comments) 44 45 CHAIRMAN FLEAGLE: Ready for a motion. I 46 can't make them. Wini. 47 MS. KESSLER: I'll make a motion. A 48 49 motion to support the recommendation of the Council, and 50 that's for a two bear hunt with registration permit.

1 MR. CESAR: Second. 2 3 CHAIRMAN FLEAGLE: Okay. We've got a 4 second. Would you like to speak to that motion. 5 6 MS. KESSLER: Yes, I think this provides 7 opportunity for subsistence use, and there's no 8 biological effect that would raise any conservation 9 concerns. 10 11 CHAIRMAN FLEAGLE: Other discussion. 12 Judy. 13 14 MS. GOTTLIEB: Mr. Chair. I know we're 15 not looking at the precise wording of the details about a 16 registration permit as shown on Page 192 in our book, but 17 I note that in other areas where we say that the season 18 may be opened or closed by the land manager in 19 consultation with Fish and Game, we also usually say and 20 the Regional Advisory Council Chair. So I would like to 21 suggest when we get down to the fine wording of this 22 regulation that the Chair is included in that as well, 23 just for consistency across the State. 2.4 25 CHAIRMAN FLEAGLE: Thank you. And 26 looking at the Board book, Page 187 would have the 27 regulatory language as proposed by Wini from the RAC. 28 29 Gary. 30 31 MR. EDWARDS: Yeah, Mr. Chair. I guess I 32 wanted some kind of clarification on the motion, because 33 what she indicated was two bears, but what we really have 34 is I think a recommendation for a three bear limit in C 35 and two bear on the other two, which seem to me to create 36 some confusion. And I know -- was that what you 37 intended, or was it two bears for all of 15. 38 39 CHAIRMAN FLEAGLE: Wini. 40 41 MS. KESSLER: Well, what I'm proposing 42 here is the proposal with modifications, it reads 43 Southcentral Alaska Subsistence Regional Advisory Council 44 supports establishing a subsistence season for the 45 harvest of two black bears a year and requiring Federal 46 registration permits. And yesterday we made a decision 47 or the unit as a whole. 48 49 MR. EDWARDS: Mr. Chairman. 50

1 CHAIRMAN FLEAGLE: Gary. 2 3 MR. EDWARDS: If I could, under your new 4 rules I think I can ask a question of one of our 5 liaisons. 6 7 CHAIRMAN FLEAGLE: Please do. 8 9 MR. EDWARDS: Ralph, can you kind of 10 maybe either clear up my confusion or add more to it, 11 either one. 12 13 MR. LOHSE: Well, I think I can clarify 14 the confusion. You gave C&T to Ninilchik yesterday for 15 all of Unit 15. And 15C already has a subsistence season 16 for three bears. So when you gave C&T to Ninilchik 17 yesterday, they joined Nanwalek and the rest of them for 18 the season, for three bears in Unit 15C. And so what is 19 being asked for here is a season in 15A and 15B. 20 21 Now, while we recognize the Kenai as one 22 peninsula, one hunting area, there was already a season 23 in place in 15C for subsistence, and we weren't asking to 24 change that. We were asking it for the season for 15A, 25 15B two bears by registration hunt. 26 27 MR. EDWARDS: Mr. Chairman, then I ask 28 the general question, does it really make sense to have, 29 looking at 15 in its entirety, to have three bears in one 30 section and two bears in the other two? Wouldn't 31 consistency be more appropriate, whether it's two or 32 three. 33 34 MR. LOHSE: You've got a point there, 35 Gary, and the original proponents requested three bears. 36 And if you would like to change it to three bears, I'm 37 sure they'd be happy with it. 38 39 MR. EDWARDS: What about keeping it at 40 two gears through the whole unit? 41 42 MR. LOHSE: It would be interesting that 43 you could give Ninilchik two bears in Unit 15C and still 44 have Nanwalek and the rest of the at three bears in 15C 45 unless you're willing to change the limit for three bears 46 for all of the subsistence users in 15C. And it's 47 currently a three bear sport season in 15C, so it would 48 be interesting you could give a meaningful preference and 49 cut the limit down. 50

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1 CHAIRMAN FLEAGLE: Dan LaPlant. 2 3 MR. LAPLANT: Mr. Chairman. Mr. Lohse 4 explained what I was going to say. There is already 5 currently a three bear harvest limit in 15C and it's 6 available to Nanwalek and Port Graham. 7 8 CHAIRMAN FLEAGLE: Further discussion on 9 the motion. Gary. 10 11 MR. EDWARDS: It's my understanding that 12 the sport hunt is only two bears and not three bears. 13 And just because one community has one, I'm not sure it's 14 necessary for, you know, other communities to have the 15 same. I just think it seems to me there's some confusion 16 here. And certainly, and the Refuge could speak to it if 17 they want, but it seems to me that trying to set up a 18 registration hunt that bounces back and forth like that 19 is also a difficult thing to do. 20 21 CHAIRMAN FLEAGLE: George. 22 MR. OVIATT: Mr. Chairman. I'm now a it 23 If we went with two bear in 15A and B, 24 confused, too. 25 would that parallel what the regs are in the State? 26 27 CHAIRMAN FLEAGLE: Terry Haynes. 28 29 MR. HAYNES: Mr. Chairman. Not quite. 30 The State regulations split the harvest between one bear 31 in the all, one in the spring with a two bear limit. 32 Under the proposed Federal regulation, that -- they could 33 take those two bears any time of the year. 34 35 CHAIRMAN FLEAGLE: Further discussion. 36 Judy. 37 38 MS. GOTTLIEB: Mr. Chairman. I just want 39 to add that I think the analysis we've been provided by 40 Staff and Staff Committee, and the work that the Regional 41 Advisory Council has done certainly supports the motion 42 in front of us here. We don't see a conservation issue, 43 and we do think this would be beneficial to subsistence 44 users. 45 46 CHAIRMAN FLEAGLE: Thank you, Judy. I 47 agree with the statements. Based on the presentations 48 and the information we've received in testimony, it 49 doesn't appear that there's going to be a conservation 50 issue raised by an increased participation or an
1 increased harvest, that it just -- the intent is to 2 establish a subsistence reference that is afforded 3 because of the customary and traditional use 4 determination yesterday, and because of the fact that 5 this community is rural, and ANILCA does speak to those 6 as being requirements. 7 8 I find that it is consistent. 9 10 I just want to make sure that as the 11 Board continues through voting on this that we do take 12 into consideration the Refuge's concerns that closures 13 that are currently in place for all hunters also remain 14 in place for this season. And I think we need to do that 15 by reference, not necessarily by specific regulations, 16 because I don't know if we could drag them all up right 17 now, but just so that it's the clear intent of the Board 18 when they vote in the affirmative on this that it doesn't 19 include the current closures where they exist. 20 21 Gary. 22 MR. EDWARDS: Mr. Chairman. 23 I'm 24 certainly going to vote for something. But I still am 25 concerned about it doesn't make sense to have it three in 26 one area an two in the other. I just think it needs to 27 be consistent. I can support all two or all three. 28 29 I'm a little unclear how we're going to 30 -- and maybe I can ask Robin, how we do a registration 31 hunt, when people register, are they going to register 32 just for one unit or -- and then, because it's got a 33 three bag limit and then they register for the other two, 34 because there are two. I mean, what kind of 35 complications will that set up, or if it's not a problem, 36 then maybe there's not an issue. 37 38 CHAIRMAN FLEAGLE: Robin. 39 MR. WEST: Yes, Mr. Chair. Mr. Edwards. 40 41 It certainly I think would be our preference if you're 42 going to do a registration permit hunt that it would be 43 for all of the hunting opportunity on the refuge and not 44 split as it seems to be proposed right here. And, in 45 fact, the majority of harvest on the Refuge by Ninilchik 46 probably would be in 15C based on history and proximity. 47 So regardless of what the bag limit is, the decision of 48 the Board on two or three bears, I think, yeah, the 49 permit application should be consistent in our opinion. 50

CHAIRMAN FLEAGLE: Further discussion. 1 2 Ralph. 3 4 MR. LOHSE: I'd like to stand corrected. 5 It was pointed out to me that the current State bag limit 6 in 15C is two bears. It's the current subsistence bag 7 limit that's three bears, so I stand corrected on that. 8 9 CHAIRMAN FLEAGLE: Thank you. Larry 10 Buklis. 11 12 MR. BUKLIS: Mr. Chairman, the question 13 was asked to Robin West, and I'm not sure if his response 14 conveyed to you an aspect that he might have been trying 15 to communicate, but the existing regulation in 15C, which 16 is not proposed for change in your motion, would -- 15C 17 is a harvest limit of three under the Federal regulation, 18 no permit required. There was some dialogue about three 19 bear or two bear, how would the permit system handle 20 that. I don't know if you got that out of his response, 21 but in 16C it's a three bear harvest limit and no Federal 22 registration permit required. The system wouldn't apply 23 in that part of 15. 15A and B, the proposal advanced by 24 the Council and in your motion is to apply that two bear 25 limit and a Federal registration permit up in A and B, 26 but it's silent on C. 27 28 Thank you, Mr. Chairman. 29 30 CHAIRMAN FLEAGLE: Appreciate that, 31 Larry. Judy. 32 33 MS. GOTTLIEB: Mr. Chair. And just a 34 follow up to what Larry said. I wonder, Ralph, if you 35 recall, was there a discussion on whether the 36 registration permit requirement should apply to C or were 37 you focused only on A and B? 38 39 CHAIRMAN FLEAGLE: Ralph Lohse. 40 41 MR. LOHSE: Thank you, Judy. In my 42 recollection there was no discussion on that, because it 43 was just taken for granted that there already was a 44 subsistence hunt in Unit 15C. I can't speak for the 45 users, but I do know that the users in that area are very 46 cooperative when it comes to trying to do things like 47 record keeping and registration hunts, and I think it's 48 within the prerogative of the Board up there to address 49 the whole thing. 50

1 But our recommendation is for 15A, 15B, two bears and a registration hunt for 15A, 15B. 2 3 CHAIRMAN FLEAGLE: And that is what the 4 5 motion reads. Further discussion. 6 7 (No comments) 8 9 CHAIRMAN FLEAGLE: Ready for the 10 question. It sounds like we're done with discussion. 11 The question's recognized. Pete, on Proposal 16b, please 12 poll the Board. 13 14 MR. PROBASCO: Thank you, Mr. Chair. 15 Final action on WP07-16b, adopt with modification as 16 recommended by the Southcentral Alaska Subsistence 17 Regional Advisory Council, Unit 15 black bear, Units 15A 18 and B, two bears by Federal registration permit, July 1 19 to June 30th. 20 21 Mr. Edwards. 22 23 MR. EDWARDS: Nay. 2.4 25 MR. PROBASCO: Mr. Fleagle. 26 CHAIRMAN FLEAGLE: Aye. 27 28 29 MR. PROBASCO: Ms. Gottlieb. 30 31 MS. GOTTLIEB: Aye. 32 33 MR. PROBASCO: Mr. Cesar. 34 35 MR. CESAR: Aye. 36 37 MR. PROBASCO: Mr. Oviatt. 38 39 MR. OVIATT: Aye. 40 41 MR. PROBASCO: Is that aye? And Ms. 42 Kessler. 43 44 MS. KESSLER: Aye. 45 46 MR. PROBASCO: Mr. Chair. Motion 47 carries, five/one. 48 49 CHAIRMAN FLEAGLE: Thank you Pete. We 50 now move on to Proposal 17A.

1 MR. PROBASCO: Mr. Chair. 2 3 CHAIRMAN FLEAGLE: Yes, Pete, go ahead. 4 5 MR. PROBASCO: Mr. Chair. Just real 6 quick, a little housekeeping. You did pull some 7 proposals, Proposal WP07-39 through 45. I talked with 8 Staff. Those proposals for the public will be taken up 9 after we do Western Interior Alaska. So Seward Peninsula 10 proposals will be inserted between Western Interior and 11 Northwest Arctic. 12 13 Mr. Chair. 14 15 CHAIRMAN FLEAGLE: Thank you, Pete. We 16 also had a request from the ADF&G that a presentation 17 that was going to be provided on the Mulchatna Caribou 18 Herd be taken up today, and it appears that's going to 19 match our agenda anyway, but we will make sure that we do 20 accommodate that. 21 22 We now move on to 17a dealing with brown 23 bear, and turning over the Staff analysis. This is Liz 24 Williams is going to start us out. 25 26 MS. WILLIAMS: Good morning, Mr. Chair. 27 Members of the Board. I'm Liz Williams of the Office of 28 Subsistence Management. 29 30 WP07-17a was submitted by the Ninilchik 31 Traditional Council, and it requests a customary and 32 traditional use determination for brown bears in Unit 15 33 for Ninilchik residents. 34 35 Currently there is no Federal subsistence 36 priority for brown bear in Unit 15. When the Federal 37 management program was established in 1990, the State's 38 customary and traditional use determinations were 39 adopted. For Unit 15 there was a no subsistence 40 determination for brown bear, which meant that no 41 Federally-qualified rural residence were eligible to 42 harvest brown bear in Unit 15. 43 44 On April 12th, 1994 the Federal 45 Subsistence Board addressed customary and traditional use 46 determinations for all large land mammals on the Kenai 47 Peninsula, but they deferred these proposals until a 48 process and schedule for making customary and traditional 49 use determinations statewide could be established. The 50 Board addressed these proposals May 3rd, 1996 and

1 continued the earlier determination adopted by the State 2 of no subsistence priority for brown bear in Unit 15. 3 4 Before he left, I asked Bill Knauer, our 5 former regulations specialist, why did this happen, and 6 he said, essentially most of the C&T that was going on at 7 that time, as I mentioned yesterday, it was a crazy time. 8 They were doing analyses for most of the large land 9 mammals on the Kenai Peninsula all at once and it was 10 litigious, and moose were the priority. Bill Knauer said 11 that the main reason no one -- of course, the Kenai 12 Peninsula is a non-subsistence area for the State, so 13 there wouldn't be C&T determinations anyway at that 14 point, but most people just felt like brown bear weren't 15 used for food, so no one considered it. 16 17 And when I went back and read the 18 transcripts from that time, unlike black bear where a 19 specific proposal by the Kenai Peninsula Outdoor 20 Coalition was submitted, there was never a proposal about 21 brown gear on the Kenai Peninsula, and it was just sort 22 of left behind after all the moose and other things. And 23 so now I would think that Ninilchik is bringing it 24 forward for that reason, that it just kind of fell by the 25 wayside. 26 27 I was hoping that 16a and 17a could 28 happen on the same day so I wouldn't have to repeat 29 myself. And in deference to the fact that there are new 30 people in the audience today, I will briefly go over some 31 of the history of Ninilchik, because I think it sets the 32 stage for what you have to consider about the use of 33 brown bear. And Bill Knauer knew it and I know it that 34 it's absolutely not true that it's absolutely not true 35 that brown bear were not used for food on the Kenai 36 Peninsula. In fact there's a lot of documentation and 37 history about their use, and in current testimony as 38 well. 39 40 Just to start back, Ninilchik was a 41 community planned by the Russians for people of Alutiiq 42 and Russian descent, retirees from the Russian American 43 Company to settle in the Kenai Peninsula. They picked a 44 place where there were a lot of natural resources, fish 45 and game. When you look at the 1890 census data, it is 46 described as inhabited by 15 Russian Creoles, which was 47 the word at the time for people of blended Alutiiq and 48 Russian ancestry, a small number of natives of the Tnaina 49 Tribe, which is now pronounced Dena'ina, and is part of 50 the southern Athabaskan relation to Kenaitze people that

1 we also know. The population of Ninilchik was enumerated 2 as 12 White, 53 mix, 16 Indian. 3 4 And the reason I'm making this point is 5 because this was a cultural blending zone as most places 6 are. And all three of these cultures had histories of 7 brown bear harvest. The Alutiiq people of Kodiak have an 8 extremely strong brown bear harvest history. In fact, 9 often they have referred to brown bear as their old form 10 of cattle, because there were so many they would eat them 11 as well as marine mammals. 12 13 The Dena'ina used brown bear extensively 14 as well. Both Russian and American accounts that I cite 15 in the account talk about the harvest of brown bear all 16 over the Peninsula, how their fur was used for bedding, 17 for sleds by kids, how certain parts of brown bear made 18 the best snowshoes, because they didn't bend when they 19 got wet, and the uses of the meat. 20 21 The Russians had to eat whatever was 22 here. the Russians couldn't get supplies fast enough 23 from Russia or Siberia. They ate what was here, and they 24 noted in a lot of their early Russian American Company 25 accounts how the bears are plentiful, the Russians eat 26 them. And a lot of those Russians were really Siberians, 27 so eating brown bear is not anything unusual. 28 29 So you bring all these three cultures 30 together in one place, and all the newcomers that come 31 later, too, have started to, or have brought their own 32 brown bear traditions. And so I just can't emphasize 33 enough that eating brown bear, harvesting brown bear is a 34 long-term pattern of use of bear in this community. 35 36 The second thing I talked about yesterday 37 was we often look, maybe from the Anchorage perspective 38 of we see the road coming down the Peninsula, it opens it 39 up. If you live in Ninilchik, from a long-term historic 40 point of view, you may see just the opposite sort of 41 angle as things were narrowing or you. The road came 42 down, suddenly there's public and private land entities. 43 The Moose Refuge which later turned into the Kenai 44 Refuge, there were places you suddenly couldn't go that 45 you used to go. So while we may look from this direction 46 as that road opening up opportunity, for Ninilchik 47 people, it narrowed the patchwork with which they could 48 work. 49 50 And the reason that this would be their

1 perspective is that from Ninilchik people started out 2 there, the Kenaitze, the Dena'ina, subsistence harvesting 3 wherever they happened to go. Populations move, people 4 move with the populations. Depending on what's where, 5 people would move to harvest. When the Russians came, 6 they were after furs and they employed the local people, 7 including Russians, Dena'ina and Alutiiq to trap for 8 them, because those were the people that knew how to 9 harvest the stuff in Alaska. 10 11 When Americans came, mining was a big 12 factor. Native people in Ninilchik owned mining claims, 13 according to Mary Berry's History of Mining on the Kenai 14 Peninsula. Joseph Cooper is one of the founders of -- or 15 his name is used for Cooper Landing. And he was married 16 to one of the original families of Ninilchik, a 17 Kavasnikof woman. He, too, and all of the other people 18 in Ninilchik with mining as well as trapping and 19 subsistence, were constantly moving all round the Gulf of 20 Alaska. The Peninsula was their base. And I don't mean 21 they were all over, but, you know, they weren't confined 22 like maybe we are in our little trail of our work and our 23 office and stuff. It was a different time, much like our 24 own ancestors that may have moved about. 25 26 When commercial fishing became the second 27 big industry in the American period , it was another 28 natural for Ninilchik people, because again that was 29 something they were used to doing. 30 31 And so there are all these different 32 economic pursuits that people had that kept them all over 33 the land and the water. We've had questions before at 34 Board meetings. How did people get somewhere before 35 there were roads. Well, water is transportation. And 36 people walked. There are lots of accounts of people all 37 over the State walking. People from Nicolai, McGrath, 38 would walk to Susitna Station to trade. 39 40 There are a couple of more recent 41 accounts as well about Ninilchik. There was a man named 42 Wayne Leman, part of one of the old families, who wrote a 43 book about the history. And there are a couple of 44 stories in there about women and men and their families 45 walking from Ninilchik to Homer. 46 47 So people being out on the land is just 48 -- we can't look at it through our lenses. We have to 49 look at it through theirs. 50

1 The other thing is I just want to point 2 out again Russian, American, all ethnographic accounts talk about harvest of brown bear. More recently we have 3 4 the former president of Ninilchik Traditional Council, 5 Grassim Oskolkoff, talking about harvesting brown bear in 6 the Caribou Hills. And as I mentioned yesterday, that's 7 a very specific hunting pattern or behavior where people 8 will walk up the hills and float what they harvest down 9 back to their home base by water, which was often Deep 10 Creek. 11 12 The other thing about brown bear to 13 remember is that everybody doesn't always do that. It's 14 a dangerous animal. It's a specialized hunt. It's not 15 something that you might do all the time, and it's 16 probably not what you eat every day. 17 18 I want to talk about something else, too. 19 When I talk about these narrowing things, after the RAC 20 meeting -- there was extensive discussion at the RAC 21 meeting about how the opportunity for brown bear 22 harvesting has diminished over the years, so again from a 23 Ninilchik perspective where you were just out on the land 24 and there wasn't a lot of other people in the beginning, 25 before the 50s, there weren't a lot of regulations. But 26 progressively, with oil and the road and the population 27 growth, more and more people have led to more and more 28 regulations. And I went back to the State Fish and Game 29 Federal aid reports, which are always very good histories 30 of what has happened, and I also asked my counterpart, 31 Greg Risdahl, to help me look at what has been going on, 32 and how does that give us context for Ninilchik's harvest 33 of brown bear. And I'm just going to kind of briefly go 34 over this. 35 36 In 1902 brown bears were given game 37 status. 1937 through '38, all of Alaska, except for 38 Southeast and Southcentral, had no seasons, no bag 39 limits, but you had a limit of two in Southeast and 40 Southcentral. In 1959 you could get one brown bear. In 41 1961 there was a mandatory sealing program implemented. 42 In 1967, this is a watershed date, the regulations on the 43 Kenai Peninsula changed from one brown bear every four 44 years. So when we look at harvest data, we really need 45 to consider that you could only get one very four years. 46 47 48 In the 70s the seasons ranged from 20 to 49 45 days. In 1978 there was a spring hunt opened in Unit 50 15. In 1980 they opened one in Unit 7.

1 And speaking of Unit 7, that's a really 2 important thing to consider also. It appears that the 3 State manages the Kenai Peninsula as a whole. So you 4 look at Unit 7 and 15. It appears to me, and there are 5 some of the managers in here who can correct me if I'm 6 wrong, but that the harvests on the Kenai Peninsula are 7 looked at as a whole. 8 9 In 1984 the InterAgency Brown Bear Study 10 Team was instituted, and this is important, too, because 11 these regulations are being narrowed for a reasons. As 12 more and more people move to the Peninsula, the incidence 13 of defense of life and property kills of brown bears are 14 skyrocketing, and so Fish and Game's not being mean. 15 There's a real conservation concern about brown bear. 16 And a big part of it is habitat. And the spruce beetle 17 kill and how all of that logging area is just destroying 18 habitat for brown bears, which is leading them to more 19 human-populated areas, more and more human contacts. 20 21 In '89 the fall season was reduced by 14 22 days, because there were a lot of mistaken identity kills 23 by moose hunters that had a concurrent season. In 1994 24 the Board of Game shortened the fall season to 25 days. 25 In 1995 the fall season was closed by emergency order. 26 In 1996 the fall season was closed due to emergency 27 order. 28 29 In 1997, this is really important, too, 30 is that the hunt became a registration hunt. So only as 31 of 1997 do we start to have information about hunter 32 effort, which as I expressed yesterday is really a 33 critical piece when you look at harvest and hunter 34 effort, you really have to look at those two together to 35 get a clear context. 36 Also in 1997 the fall season was closed 37 38 due to emergency order, and the hunt was reduced by 39 length to 16 days. In 1998, the fall season was closed 40 due to emergency order, and they switched management from 41 calendar year management to regulatory year management, 42 which I'm sure is very clear to most people, but for me 43 it makes it maybe a little harder to understand the 44 numbers. In 1999 they changed from a spring registration 45 permit, I believe it was canceled, to a fall registration 46 permit only, and they closed Russian or Goat Creek area 47 because of salmon carcass feeding. And they shortened 48 the fall season from 16 days. In 2000, the Board of Game 49 permanently closed the spring season. In 2002 the season 50 was closed. In 2003 the season was closed, and they

1 changed from regulatory year management to calendar year 2 management. In 2004 the season was opened for three days 3 open. 2005, the season was closed. 2006, the season was 4 closed. 5 6 And, so, I'm sorry to give you all that 7 information, and we don't usually talk about regulatory 8 stuff in a C&T, but when the focus of C&T discussions 9 lately have been just on what has been killed, we really 10 have to look at this regulatory narrowing to understand 11 why Ninilchik doesn't show huge harvest of brown bear. 12 And when you look at other communities that have Federal 13 C&T for brown bear, you don't see communities harvesting 14 brown bear every year. I just flipped through the regs 15 and looked at some other communities with C&T. For 16 Shishmaref, there are two years of data. One year --17 from the Subsistence Division, excuse me -- they got six 18 bear. Another year they got zero. Larson Bay, some 19 years -- they got three in '97, they got one in '82, and 20 that's out of six years of data. So you don't always get 21 one every year, which has been another question I've 22 received. 23 2.4 So back to some of the early research --25 or not the early research, but research that the Board 26 needed when they were making these customary and 27 traditional use determinations. As I mentioned 28 yesterday, and I know it sounds very repetitive, but I'm 29 looking at the same bear studies from the same 30 organizations. Two from Division of Subsistence, two 31 from Ninilchik Traditional Council, and we also look at 32 the bear sealing data. 33 34 When you look at the, excuse me, the 35 first Division of Subsistence study, which is on Page 2 36 of 4, conducted based on harvest estimates from the 37 calendar year '98, let's see, we -- oh, no. First --38 excuse me. The first Subsistence Division paper I'm 39 looking at is Technical Paper 106, and it looked at the 40 Kenai, Homer, Ninilchik and Seldovia area subsistence 41 harvest between 1982 and 1983. This was a small sample. 42 It was 11 percent of the community, or 24 households. 43 The survey for this year's Subsistence Division research 44 did not have a question about brown bear on it, so we 45 don't have any information about brown bear in that time 46 period, but it was because it wasn't asked. 47 In 1998 there's a Division of Subsistence 48 49 Technical Paper 253, Wild Resource Harvest and Uses by 50 Residents of Selected Communities of the Kenai Peninsula,

1 which included North Fork Road, Fritz Creek East and 2 Nikolaevsk from the calendar year 1998. There were 400 3 households in the study area which included Ninilchik and 4 Happy Valley CDP, and Clam Gulch. The sample size was 5 25.3 percent of the community, or 101 households. The 6 study indicated that in 1998 2 percent, approximately 8 7 households within the entire community of 400 households 8 of Ninilchik tried to harvest brown bear, that none used, 9 harvested, received or shared it. In addition to harvest 10 data, residents were asked about the location of their 11 harvest. In a table in that technical paper, 1 percent, 12 approximately 4 households of 400, reported hunting, but 13 not harvesting, brown bear in Unit 15B within the Kenai 14 National Wildlife Refuge. One percent, which is 4 15 households of the 400 sample, reported hunting brown bear 16 elsewhere. There were no other brown bear hunt locations 17 noted in this table. 18 19 In contrast, though, it's noted in that 20 study, to other communities in the study, only in 21 Ninilchik were there any brown bear hunters. This 22 activity occurred within the Refuge boundaries in Unit 23 15B and off the Kenai Peninsula. 2.4 25 Now these data were not available to the 26 Board when they talked about brown bear in 1996. But if 27 you look at the year that the data were collected by 28 Subsistence Division, it was people's harvest of 1998. 29 If you go back to the regulatory history that I gave you, 30 the fall season was closed by emergency order in 1998. 31 So when we see low numbers of harvest, it's because the 32 season was closed. 33 34 We have two studies by Ninilchik 35 Traditional Council. One in 1994 which were surveys very 36 much targeted, not a general survey like the Subsistence 37 Division, that were -- 20 percent showed -- are you 38 coming to talk to me? 39 40 CHAIRMAN FLEAGLE: This all on the 41 record. You don't have to repeat it. 42 43 MS. WILLIAMS: Well, it was black bear 44 yesterday, and today is brown. 45 46 CHAIRMAN FLEAGLE: Okay. But this 47 is.... 48 49 MS. WILLIAMS: Okay. So I should stop. 50 Okay.

1 CHAIRMAN FLEAGLE: Summarize. 2 3 MS. WILLIAMS: Okay. See, I knew they 4 would tell me stop. 5 6 1994 the survey was Ninilchik residents, 7 their lifetime memory. People in Ninilchik remembered 8 harvesting, hunting, using brown bear up to 1994. 9 10 In 1999 it shows no use of brown bear, 11 but if you go -- and the 1999 study was just Ninilchik 12 people's harvest from '94 to '99. Well, if you go back 13 to the regulatory history, the fall season was shortened 14 in '94, closed by emergency order in '95, closed '96, 15 closed '97, and closed '98. So they don't remember 16 harvesting brown bear between 1994 and 1998, because they 17 couldn't. 18 19 We have up on our screen 38 brown bears 20 reported harvested by Ninilchik residents between '62 and 21 2006. Greg Risdahl worked tirelessly on finding out 22 about the bear harvest of Ninilchik and what he found is 23 that because their regulatory or their opportunity to 24 harvest brown bear in their own area was nonexistent 25 through most of the time, people went to a lot of other 26 parts of the state. So that 38 brown bears shows that 27 people in Ninilchik harvest brown bear, but they didn't 28 harvest them necessarily in Ninilchik. 29 30 If you turn to the map where -- Page 202 31 and 203, we found out that a lot of the recent kills on 32 Page 203, including 2003 and 2002, are defense of life 33 and property kills. The 1994 is a defense of life and 34 property. The only other defense of life and property is 35 a 1975. Like I said yesterday, this is just a tiny 36 fraction of the data we could consider. It's not the 37 whole picture. 38 39 There are also some comments that I would 40 like for you to hear that were from the Southcentral RAC 41 meeting which showed the logic that lead them to approve 42 or to support the C&T for brown bear for Ninilchik in all 43 of 15, and I'll just summarize these. 44 45 But Doug Blossom, who's a Southcentral 46 RAC member, talked about harvesting brown bear with 47 Grassim Oskolkoff. He doesn't even remember how old he 48 was, but he did shoot one. 49 50 Other people talked about the

1 relationship between enforcement and rural residents, and 2 that there's a bad relationship which leads to underreporting. I think also a lot of that under-reporting is 3 4 about misunderstanding and thinking that things are going 5 to be held against them. 6 7 Someone from Ninilchik testified about 8 asking for 15A because animals move and there are large 9 concentrations of people that move, and they wanted to 10 have the area that was available to them to be large 11 enough to accommodate their needs. 12 13 As I noted before, Mr. West talked about 14 the State looking at both Unit 7 and Unit 15, and that 15 it's opened or closed until the quotas are reached. So 16 it's a big management area. 17 18 CHAIRMAN FLEAGLE: Okay. Could we just 19 have this wrapped up. 20 21 MS. WILLIAMS: I'm done. 22 CHAIRMAN FLEAGLE: We do have it all in 23 24 front before us. 25 26 MS. WILLIAMS: Okay. Thanks. That's it. 27 28 CHAIRMAN FLEAGLE: Okay. Thank you, Liz. 29 30 Questions from Board members for the 31 analysis. Gary. 32 33 MR. EDWARDS: I will be willing to yield 34 my first question to Ralph, if that's okay. 35 CHAIRMAN FLEAGLE: Ralph Lohse. 36 37 38 MR. LOHSE: Do you by any chance have a 39 record of when they started charging for the permit for 40 brown bear? 41 MS. WILLIAMS: No, I didn't know that 42 43 they did. I just know they started it in 1997. 44 45 MR. LOHSE: Because I think that would 46 also have an effect, because I do know people who would 47 have hunted brown bear but they didn't -- weren't willing 48 to pay for a permit ahead of time on the chance that 49 they'd get one. 50

1 MS. WILLIAMS: I think there are people 2 in the audience who would know. 3 4 CHAIRMAN FLEAGLE: Gary. 5 6 MR. EDWARDS: You raised -- you brought up this question of a harvest of 38 bears. That's not in 7 8 your write-up, is it? 9 10 MS. WILLIAMS: No. After the 11 Southcentral RAC meeting, and their long discussions 12 about regulatory prohibitions, I usually don't look at 13 regulations as a C&T analyst, but it became clear that 14 that was an issue that would affect what we saw as 15 harvest, and just there were also a lot of assumptions 16 made in the past records as I mentioned before that 17 people in Ninilchik just don't harvest brown bear. So 18 these 38 brown bear, crystal clearly most of them are not 19 from Ninilchik, but they're recent harvests in other 20 places, because people couldn't harvest them in Ninilchik 21 area. 22 23 MR. EDWARDS: Okay. Now, where did the 24 number 38 come from, what was the data that was used to 25 do that? 26 MS. WILLIAMS: I'll defer to Greg Risdahl 27 28 on this. He put some of it together for me. 29 30 MR. EDWARDS: Well, then let me ask a 31 couple of follow-up questions. How many of those were 32 recreational-related or sport kills, and how many of 33 those was the meat harvested. 34 35 CHAIRMAN FLEAGLE: Greg. 36 37 MR. RISDAHL: Mr. Chairman. Members of 38 the Board. Yeah, I'll summarize this up very briefly in 39 about six points. 40 41 This information came from the sealing 42 harvest database provided by the Alaska Department of 43 Fish and Game. Looking into the harvest beginning in 44 1962 through the present time, 38 total brown bears were 45 harvested by residents of Ninilchik. 26 of those brown 46 bears were actually hunter kills. Twelve were killed in 47 defense of life and property. Five of the 26 brown bears 48 killed by hunters were taken in Unit 15, 21 and other 49 parts of the state. It's interesting to note that 10 of 50 the 12 brown bears killed in defense of life and property 1 were taken in Unit 15 and 2 in other parts of the state. 2 3 4 Ten brown bears were actually taken by 5 Ninilchik residents in Unit 15 when the registration hunt 6 was closed from 2002 through 2005. Four Ninilchik 7 hunters actually harvested multiple brown bears during 8 this time period. Actually 8 of 26 bears that were taken 9 by hunters. Sixteen residents of Ninilchik received 10 registration permits from 1997 through 2004 when they 11 instituted the registration permit system; however, 12 because the registration hunt was actually only open 4 of 13 those 10 years and one of the -- one of those 4 years 14 that it was open, it was only open 3 days. So basically 15 residents received 16 permits during a 4-year period when 16 they could hunt. Or excuse me, I got that -- the 17 registration hunt was close during 4 of 10 years, so they 18 received 16 permits during 6 years from 1997 to the 19 present time. 20 21 And as far as the hunter harvest in 22 spring versus fall, 21 of the harvested bears were taken 23 in the fall and 4 were taken in the spring. 2.4 25 Thank you. 26 27 MR. EDWARDS: Mr. Chairman. I'm still 28 trying to, I guess, get at my question. So out of the 38 29 bears, 9 of them were taken in Unit 15. Of those nine, 30 five were taken in defense of life and property. So four 31 were harvested for I'm assuming subsistence purposes 32 based upon this data. 33 34 So then that leaves the other 28 bears 35 were taken somewhere else. And I was trying to get an 36 understanding kind of where else were those taken and 37 were those taken from a subsistence standpoint or more 38 from a sport hunting standpoint, and I'm assuming that if 39 the meat was caught -- was kept, then I'm assuming that 40 was taken for subsistence purposes, and if not, then more 41 I guess sport hunting purposes. 42 43 CHAIRMAN FLEAGLE: Greq. 44 45 MR. RISDAHL: Mr. Chairman. Members if 46 the Board. Actually there were five bears taken in Unit 47 15 by hunters during this time period. Ten bears were 48 taken in defense of life and property in Unit 15 during 49 the same time period. And Liz has actually added up the 50 various numbers of hunter harvests and DLPs that took

1 place outside of the Kenai, and she can give you that 2 information. 3 4 Thank you. 5 6 MS. WILLIAMS: Would you like everything? 7 8 MR. EDWARDS: Well, no, I'm just trying 9 to get at my question. So apparently there were 28 bears 10 during this time period that were taken outside. And I'm 11 trying to understand what the purpose of that hunting 12 was. 13 14 MS. WILLIAMS: And I don't know. I mean, 15 does the database indicate whether they were eaten or 16 sport or not? I don't think it does. It just indicates 17 that they were harvested, correct? 18 19 There was one in Unit 4 that was a kill, 20 which is near Sitka, Unit 4. One DLP and one regular 21 harvest in Unit 6, which is Prince William Sound. Four 22 kills in Kodiak, Unit 8. One in Alaska Peninsula, Unit Two in Unit 13 north of Palmer that were regular 23 9. 24 killed and one was a DLP. Two regular kills -- excuse 25 me. One in Glennallen, Unit 11, which was just a regular 26 kill. Bristol Bay Unit 17, there was one regular kill. 27 Unit 16, there were three regular kills. Bethel, Unit 28 18, there were two regular kills. McGrath, Unit 19, 29 there was one regular kill. Unit 20 near Fairbanks, one 30 regular kill. Fort Yukon -- no, Unit 25, one regular 31 kill. North Slope, Unit 26, one regular kill. 32 33 MR. EDWARDS: Okay. All right. Thank 34 you. I have a couple of other questions. In looking at 35 the various surveys that were done, the 1994 survey done 36 by Ninilchik, you sort of imply that the 1990 -- it's 37 unclear here in the write-up, but I guess I read that 38 1990 was somewhat based upon the same process of 1994, 39 which tended to ask a broader question with regards to, 40 you know, where have you hunted, you know, looking back 41 in time. But you seem to imply that the 1990 one only 42 asked people to look back three years. And I guess my 43 question is, if the season was closed, why would the 44 survey only be asking people to look back on a time 45 period when they couldn't have hunted at all? 46 47 MS. WILLIAMS: The first study was 1994. 48 You're talking about the Traditional Council studies. 49 And that was -- they were asked in that one, 1994, to as 50 far back as they could remember. The other one was in

1 1999, and they were asked to remember just back to 1994. 2 They were doing these surveys at the time that all these C&Ts were being looked at. I'm not sure why they chose 3 4 those time periods. Ninilchik is here, they can probably 5 speak to that later, but they were asking about all 6 resources in 1999, back to 1994, and bear was one of the 7 resources. So even if you didn't harvest something, you 8 were still asked about it. I mean, they didn't probably 9 -- they just asked about everything to document the 10 history of everything, not just one thing. 11 12 MR. EDWARDS: And, Mr. Chairman, one 13 more. It's more of a comment than a question. 14 I want to compliment you on a new 15 16 terminology that I think the Board ought to adopt, and 17 it's diversified repertoire of subsistence resources. 18 That's an interesting term I guess to describe when we're 19 looking at a broad array of potential resources out 20 there. I never had viewed it as a repertoire, but I 21 think that's an interesting term. 22 23 CHAIRMAN FLEAGLE: Other questions. 2.4 25 (No comments) 26 27 CHAIRMAN FLEAGLE: All right. Summary of 28 written public comments, Donald Mike. 29 30 MR. MIKE: Mr. Chair. There are no 31 written public comments. Thank you. 32 33 CHAIRMAN FLEAGLE: Thank you. Public 34 testimony. 35 MR. PROBASCO: Mr. Chair. We have 36 37 individuals who would like to testify. First out of the 38 chute is Darrel Williams. 39 40 CHAIRMAN FLEAGLE: Darrel Williams. 41 DR. WILLIAMS: Mr. Chairman. Members of 42 43 the Board. My name is Darrel Williams. I work for 44 Ninilchik Traditional Council. 45 46 And I would like to ask for a positive 47 finding for this C&T for Ninilchik for brown bear. I 48 would like to also note the testimony at the Southcentral 49 Regional Advisory Council. We talked about this in 50 depth. And in that testimony we demonstrated the eight

1 factors, and I'm going to do a really brief summary. 3 You know, for example, number 1, the 4 long-term use. There hasn't been a huge harvest, but 5 there's documented harvest. And there are some 6 interesting points that I'll get to after I finish this 7 about harvest on the Kenai Peninsula. 8 9 I think something that we should keep in 10 mind, too, is that rural residents in general are good 11 stewards. People understand that if you go out and 12 harvest all your stuff, you're not going to have any more 13 for next year. It's a very clear thing. 14 15 And the other part that comes into play 16 on that, too, is the seasons. People understand seasons. 17 They understand that in the springtime when things have 18 their babies, don't go hunting, and they respect that. 19 20 Recurring use. I'm very impressed with 21 the Staff analysis. It covered very well of what kind of 22 use there was over a period of time. And it also shows 23 up in other issues, such as the definitions of 24 handicrafts that I saw out there on the table when I came 25 in today. 26 Methods and means. Rifles and traps were 27 28 a couple of methods and means that are mentioned. It is 29 a very specialized hunting practice. It's evident in the 30 regulations of the Refuge. There are caliber 31 restrictions. If you went to Africa, there were be 32 caliber restrictions. They're not necessarily nice 33 animals. Excuse me. 34 35 Consistent harvest. Now, there's 36 documented and undocumented harvest that come along with 37 this. At the Southcentral Regional Advisory Council we 38 talked in depth about the shoot, shovel and shut up 39 variance that comes along with this. And I was very 40 interested in the number 38 that was on the projector 41 there, and realistically, I'd say over the last 60 years, 42 the numbers would probably be 238. And we need to look 43 at that. 44 45 And the compliance issue, and you've all 46 heard it from me before, we've had lots of discussions, 47 my motto is enforcement does not get a pass. Just 48 because they're not doing their job and they're not 49 writing it down, and they can't catch everybody, does not 50 mean it's not happening.

1 Handling and preserving. Smoking, 2 salted, dried, canned. There's a lot of books about 3 that, about how people preserve things and how they use 4 everything from the hide to the bone to the meat, and so 5 on and so forth. And the innards for making sausage and 6 whatnot. 7 8 The handing down of knowledge. This is 9 something I'd like to actually spend another moment on. 10 The traditional techniques in participation of harvest 11 for bear can be very specific. And it depends on your 12 method of harvest and how you're going to target the 13 species. You know, the handing down of knowledge in the 14 native community, in a lot of rural communities, tends to 15 be more oral. Most of these people do not sit down or 16 write books, which is something that we're all quick to 17 go and say, well, who published that. 18 19 And I think we have to be careful when we 20 look at this, because anthropology is a science that 21 addresses use in oral traditions and things like that, 22 not biology. So instead of -- there are times when we 23 have to listen to the users. And when we have the shoot, 24 shovel and shut up thing that happens, the input from the 25 users are an important thing. 26 27 Two generations ago, when you talk to the 28 older community in Ninilchik, the primary language was 29 Russian. And there's one gentleman that I'm very fond 30 of, he's an older man, and he tells me stories about when 31 he was in school, and if they spoke Russian, they would 32 be spanked. And to hand this gentleman a piece of paper 33 and say, fill this out or read this, it is a very 34 difficult task. 35 36 And I think this is where we get confused 37 between rural and urban society. They're two very 38 different things, and this is what this ANILCA is about. 39 The sharing. Meats, hides, crafts, and 40 41 labor is one -- labor is one of the things in the 42 sharing. It's not necessarily an easy task to process a 43 large animal. There's historical preservation 44 techniques, there's smoke houses, there's cellars, 45 there's a lot of community activities. When Ivan comes 46 up here with his sister and testified, we made beaver 47 stew here last week over meat that we saved from the 48 winter. And it's good stuff. And we do that. We get 49 together. It's a social activity. It's where people get 50 together and they do the oral traditions. And these

1 things happen. 2 3 The variety of use. I'm not going to 4 spend really any time on that. I think in all the 5 proposals Ninilchik's put forward, I think we've 6 demonstrated a variety of use. 7 8 The present seasons for brown bear. We 9 have a present season for brown bear, it happens every 10 year. It's called DLP. And when I say that, I have to 11 sit back and say, okay, what's being done about DLP 12 truly? Well, some people put out some bear-proof trash 13 cans. That's really nice. But what are they really 14 doing about DLP? Nothing. So as far as I'm concerned, I 15 call that a hunting season. 16 17 The Kenai Peninsula is managed as a whole 18 area, because of the range of the bears and how they roam 19 and migrate for whatnot. The game management units we've 20 been talking about is A, B, and C in 15. 21 22 The other thing I wanted to point was in 23 the ANILCA surveys that Ninilchik provided in the 1994 24 and the 1999, Kodiak was also a place that was heavily 25 used. And it's also a result of closures in areas where 26 people would still want to go harvest bear, and they 27 would put forth the effort to go and harvest these bear. 28 So the willingness of people to travel to go and find 29 these resources I believe is profound. 30 31 I think that we need to ask the right 32 questions when we're looking at the data that's presented 33 to us on the bear. And as a rural resident, a long-time 34 rural resident of the Kenai Peninsula, I can honestly say 35 there has been more than 38 brown bear harvested down 36 there. Many more. And the idea of getting in trouble 37 for harvesting a brown bear is unthinkable to most rural 38 residents. 39 40 And it kind of brings me into the next 41 point. We discussed at the RAC the threshold for this 42 proposed season which we will discuss more I'm sure later 43 today. But we -- there's other rural communities that 44 are putting in proposals now from the Kenai Peninsula, 45 and I think we need to realize that, too. It's not just 46 Ninilchik, and that's in your schedule coming up. 47 48 And finally, I do personally have some 49 questions about C&T. It's interesting that every time 50 that we have any process that we seek C&T for, we have to

1 demonstrate and prove C&T over again. It's become an exhausting process. And maybe in some way, shape or form 2 we could think about that in the future and maybe try to 3 4 streamline it a little bit. 5 6 That concludes my testimony. 7 8 CHAIRMAN FLEAGLE: Thank you. Questions. 9 10 (No comments) 11 12 CHAIRMAN FLEAGLE: Appreciate the 13 testimony. 14 15 DR. WILLIAMS: Thank you very much, Mr. 16 Chairman. 17 18 CHAIRMAN FLEAGLE: Pete, next. 19 20 MR. PROBASCO: Thank you, Mr. Chair. The 21 next gentleman is Mike, an excuse me on the last name, 22 Crantord (ph). 23 2.4 MR. CRAWFORD: Crawford. 25 26 MR. PROBASCO: Crawford. 27 28 CHAIRMAN FLEAGLE: Mike Crawford. 29 30 MR. PROBASCO: Thank you. 31 MR. CRAWFORD: Hello. My name is Mike 32 33 Crawford. I'm with the Kenai/Soldotna Area Fish and Game 34 Advisory Committee. 35 The brown bear issue on the Kenai 36 37 Peninsula, we've got a DLP problem. Last year there was 38 29 DLP/human-caused mortalities that were reported, you 39 know, auto accidents or whatever they may have been, 40 which prevented a hunting -- up to that point -- up to 41 this year, the State's ran a registration hunt which it 42 has not been able to manage properly, just because the 43 number of bears would exceed the -- they had a limit of 44 20 -- we have a limit of 20 bears on the Kenai Peninsula 45 that could be killed due to human-caused mortality, 46 whether it's a DLP, a car wreck, a poaching incident, 47 whatever it was. And also in that number was eight 48 female bears. So once you reach eight female bears, that 49 eliminated the registration season. The reason why there 50 hasn't been a registration season in several years is

1 because of the high DLP count. 3 The new regulations that have gone into 4 effect are for a drawing hunt. These are State regs, 5 obviously, on a drawing hunt that will go into effect 6 this year. And there are still going to be -- the season 7 will happen or not happen based on that 20 bears not 8 being killed in DLP situations. And the State is going 9 to put those permits, the drawing permits into areas 10 where the high number of DLPs do occur. Our concern is 11 that a DLP is a waste of a resource, and we'd like to see 12 the number of DLPs dropped, and the way that's going to 13 happen is to maybe harvest some of these bears that are 14 in these areas of high DLP areas. 15 16 The Federal land areas where the 17 potential harvest would be for the -- under the 18 subsistence use, are not high DLP areas. The DLPs are 19 happening, you know, in Kenai and Soldotna, in Ninilchik, 20 along the highway towards Homer. They're happening in 21 the high -- where lots of people are fishing, hunt -- you 22 know, living. You know, bears get in garbage or 23 whatever. 2.4 25 We'd like to see, if there is a 26 subsistence hunt for bears, the number of registration 27 permits limited just so it could be managed properly, and 28 there would be a strict reporting so that if there is --29 if you issue 50 permits, well, many bears can be killed 30 in one day. I spend a lot of time on Tustumena Lake in 31 the fall fishing, you know, and it's a good day when I 32 see a couple bears, but on one day I've seen eight bears, 33 you know. Well, that could have been eight dead bears, 34 which would have exceeded the limit or the proposal on 35 the two brown bears for the subsistence hunt. 36 37 So we'd like to see some close management 38 of that. We'd like to see the ability of the Refuge 39 manager to be able to close the season in accordance with 40 the State regs, or whatever the right terminology is, so 41 they work together to manage the brown bear population on 42 the Kenai Peninsula. 43 44 I got a little out of whack here. 45 46 So that's our concern. We want to see 47 both a sport hunt and a subsistence hunt of the brown 48 bears on the Peninsula, managed in an appropriate way 49 towards conservation. I guess that's it. 50

1 CHAIRMAN FLEAGLE: Okay. Thank you. 2 Questions. 3 4 (No comments) 5 6 CHAIRMAN FLEAGLE: Thanks for the 7 testimony. 8 9 Do we have other testimony, Pete? 10 11 MR. PROBASCO: Yes, Mr. Chair. We have 12 Ivan Encelewski next. 13 14 CHAIRMAN FLEAGLE: Ivan. 15 16 MR. ENCELEWSKI: Thank you, Mr. Chairman. 17 Members of the Board. Obviously I'm here to speak in 18 favor of the C&T finding on brown bear. 19 20 I think it was addressed very well in the 21 Staff analysis, the regulatory restrictions, the 22 regulatory restrictions beyond the control of the 23 subsistence users. I think it's been painfully clear 24 that we've been regulated out of hunting for many, many, 25 many years, and I think that needs to be taken in 26 consideration when you look at the actual number of brown 27 bear harvested and that kind of stuff. 28 29 I also want to touch on -- we talked 30 about subsistence and, you know, this meat issue. You 31 know, subsistence isn't just about meat. Subsistence is 32 about the spiritual, cultural, traditional aspect. It's 33 everything. It's not meat, it's bones, it's fur, it's 34 the, you know, going home and, you know, making things 35 out of the fur. So even when the hide is taken, there's 36 the traditional and subsistence aspect to that. So I 37 think that needs to be thought about. 38 39 On a personal note, I live in the area, 40 all my life. I hunt that area. We manage 64,000 acres 41 of land. And I can personally testify that I see about 42 three times the amount of brown bear than I do black bear 43 any more. The population is very healthy. It's very 44 alarming to me over the years to see a lot more brown 45 bear than you do black bear. And that's just on a 46 personal note. I can attest to that. 47 48 Another thing that I've talked about 49 earlier, years ago, on the taste and, you know, whether 50 bear was traditionally used as meat. I think Darrel

1 touched on it earlier, we're blessed to have some beaver 2 and we made some stew. I personally ate the eyeballs raw. That might sound weird to people or -- but I enjoy 3 4 it. That's -- you know, it makes some people -- so I 5 think the discussion about the taste and this and that, 6 we talked about the moose and the rut, and whether 7 they're, you know, edible and that kind of stuff. Т 8 think there's a lot of people in the traditional aspect, 9 the native people, that enjoy things that would probably 10 make a lot of people vomit, honestly. And so I don't 11 think the discussion about, you know, taste and what's 12 good -- you know, one man's trash is another man's 13 treasure. And so I think that's something that needs to 14 be thought about. 15 16 You know, and discussion about the -- you 17 know, I got a permit about three years ago when I paid 18 the money to get the thine. By the time I got my gun and 19 my hunting clothes, the thing was closed down. And that 20 was one year out of, you know -- So there went my money. 21 22 Basically I think again the defense of 23 life and property, we're talking about 30 bears, and 24 we're asking for two. I think Ninilchik has always been 25 conservative in their approach. The rural residents and 26 the subsistence users in my opinion are the best 27 conservationists in the world. Without that, if we were 28 to go and get all the resources, we wouldn't have any for 29 our future and our kids, and that's the important thing. 30 You know, I don't stand here and come to these meetings 31 again and again, but not only just for myself, but for my 32 children and the people I represent, for the future. And 33 that's important. 34 35 Let's see. The other thing I'd like to 36 touch on a little bit is the management issues, you know, 37 and another thing that I -- not to get on my soap box, 38 but when you talk about management issues, you know, when 39 we can't do that, because we'll have trouble managing it. 40 I don't see anything in ANILCA that talks about we can't 41 give subsistence users their preference and their 42 traditional right, because we don't know how we're going 43 to manage it, or we can't print a permit, because there's 44 going to be confusion. I don't see anywhere in ANILCA 45 where it talks about that. It talks about giving a 46 meaningful preference to the subsistence users, and 47 whatever it takes to get that meaningful preference, I 48 think that needs to be done. In regards to that. 49 50 The other thing I talk about is the

1 threshold. You know, it seems that more and more the 2 sport has talked about this threshold, you know, and we see it with our salmon and that kind of stuff. What is 3 4 the threshold, you know. I think there's clearly 5 evidence of subsistence use, patterns. And what is this 6 threshold, this standard that is going to be applied 7 here? Is it one bear? Two bear? Five bear? We see it 8 with our fishing. You know, what is this threshold? And 9 I don't think there is a threshold, and I don't think 10 ANILCA talks about a threshold. It talks about customary 11 and traditional use, and I don't think it put limits or 12 five percent or one percent. What is this imaginary 13 number or percentage of people that utilize this to be 14 able to give us a C&T? 15 16 And so with that, I again thank the Board 17 and it seems like I've been here quite a bit, but I do 18 appreciate your discussions, and I'll conclude. 19 20 Thank you. 21 22 CHAIRMAN FLEAGLE: Thank you. Questions. 23 2.4 (No comments) 25 26 CHAIRMAN FLEAGLE: All right. Pete, do 27 we have any others? 28 MR. PROBASCO: Yes, Mr. Chair. The last 29 30 on this agenda item is Kenny Odman and Anna Grant. 31 32 CHAIRMAN FLEAGLE: Kenny Odman and Anna 33 Grant. 34 35 MR. ODMAN: My name is Kenny Odman, NTC, 36 subsistence user. 37 38 MS. GRANT: And I'm Anna Grant again. 39 And, well, as I stated before, you know, 40 41 my father and son are out hunting now. My first 42 grandchild would be my father's only great granddaughter, 43 and he wants to make her a parka. You know, I wore one, 44 my sons wore one. My dad's not going to be here much 45 longer. I'd really like my granddaughter to have one. 46 47 That's it for me. 48 MR. ODMAN: Well, I kind of agree with 49 50 some of the others. I'm not buying this defense of

1 property. I think that's reasons that the bears are being lured in, whether it's due to garbage or discarded 2 3 fish, or, you know, having a compost pile. We're slowing 4 encroaching on the bears. The bears were there before 5 us. And I think there's other concerns that, you know, 6 we need to address, but our customary and traditional use 7 should be the first one. 8 9 Thank you. 10 11 CHAIRMAN FLEAGLE: Thank you. Questions. 12 13 (No comments) 14 15 CHAIRMAN FLEAGLE: Thank you. Any other 16 public testimony. 17 18 MR. PROBASCO: That's it, Mr. Chair. 19 20 CHAIRMAN FLEAGLE: Thank you, Pete. 21 22 Regional Council recommendation, Ralph 23 Lohse. 2.4 25 MR. LOHSE: Thank you, Mr. Chair. If 26 you'll look on Page 196 you'll see the Regional Council's 27 recommendations. We support establishing a positive 28 customary and traditional use determination for brown 29 bear, and it says in Unit 15A, but that was in Unit 15. 30 That was not limited to 15A for residents of Ninilchik. 31 32 We feel that the community of Ninilchik 33 has demonstrated that they've used brown bear in the 34 past. Some brown bears are harvested within public lands 35 during the hunting season, so some of the take has been 36 on public lands. And the opportunity to harvest brown 37 bear's been decreased due to competition and I'll say 38 past and existing hunting regulations, harvest 39 regulations. And I think that was adequately pointed out 40 by our earlier speaker. 41 42 And with that, I'm just going to let it 43 go. I don't see much more that needs to be said on it. 44 45 CHAIRMAN FLEAGLE: Okay. Thank you, 46 Ralph. Questions. 47 48 (No comments) 49 50 CHAIRMAN FLEAGLE: Alaska Department of

Fish and Game comments. That would be Tina Cunning. 1 MS. CUNNING: Mr. Chairman. We entered 3 4 extensive comments regarding the community and patterns 5 of use in the record yesterday. I'm going to refer the 6 Board to our written comments and the record we entered 7 yesterday, and only hit just a couple of highlights for 8 you, to shorten it up. 9 10 The Staff analysis does not provide 11 substantial evidence of a long-term, recurring, 12 consistent pattern of community use of brown bear by the 13 Community of Ninilchik. The Staff analysis, the 14 Department's subsistence studies and the Ninilchik 15 Traditional Council surveys provide no new evidence to 16 document changes in the composition of the community or 17 its uses in the subsequent 13 years since the original 18 decision in 1996 by the Federal Subsistence Board. 19 20 The Staff analysis acknowledged the eight 21 regulatory factors that must be evaluated by the Federal 22 Board to determine whether the community or area 23 generally exhibits a long-term consistent pattern of use 24 for a stock or population in a particular geographic 25 area. However, the Staff analysis does not specifically 26 discuss each of these factors, and includes very little, 27 if any, substantive evidence that could be interpreted to 28 show the community generally exhibits any of the factors. 29 30 The Staff analysis suggests that any 31 documented use, no matter how small or infrequent by the 32 community in any unit of the State is a customary and 33 traditional use. This approach of focusing on minimal 34 uses or on uses of other resources is inconsistent with 35 the Federal regulatory requirements for rendering a 36 positive customary and traditional use determination 37 which require a community to generally exhibit the eight 38 factors, most of which require a pattern of use with 39 relation to particular wildlife populations in the area. 40 41 The Federal Staff comments appropriately 42 note the absence of harvest in 15A and the minimal 43 harvest in 15B. However, the Staff comments 44 inappropriately apply -- imply that the harvest of nine 45 brown bear over the 31-year period without any evidence 46 of harvest on Federal public lands or for subsistence use 47 in 15C could support a customary and traditional 48 determination for that subunit. 49 50 The 12 DLP which have been recorded by

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1 Ninilchik residents out of the 38 are wrong to be
  considered to justify a C&T. DLP are killed to defend
2
3
  life or property. The hide and the skull are
4
  surrendered, and the carcass is dumped.
5
6
                   In conclusion, the Department does not
7 believe that the level of harvest of any Unit 15 brown
8 bear population by residents of Ninilchik generally
9
  exhibits a long-term, consistent pattern of customary and
10 traditional use as required by Federal regulations, and
11 that no substantial evidence is provided to support a
12 reversal of the earlier customary and traditional use
13 findings by the Federal Board.
14
15
                   CHAIRMAN FLEAGLE: Thank you. Questions.
16
17
                   (No comments)
18
19
                   CHAIRMAN FLEAGLE: Appreciate the
20 comments.
21
                   The Chair would like to take this
22
23 opportunity to recognize Commissioner Denby Lloyd to the
24 audience. Welcome, Commissioner.
25
26
                   InterAgency Staff Committee comments,
27 Larry Buklis.
28
29
                   MR. BUKLIS: Thank you, Mr. Chairman.
30 The comments from the InterAgency Staff Committee on
31 Proposal WP07-17a can be found on Page 210. I'll
32 highlight a few key points.
33
34
                   In its review of the Southcentral Council
35 recommendation for Proposal 17a, the Staff Committee
36 discussed the application of the factors evaluated to
37 determine customary and traditional subsistence use.
38 Many of the points we made yesterday regarding black bear
39 for 16a would apply to these comments, so I'll highlight
40 a few of the key points that might be more unique to
41 this.
42
43
                   The Staff Committee that although the
44 Staff analysis presented very limited documented
45 information on the harvest of brown bears in Unit 15B and
46 none in 15A, the Southcentral Council believes that the
47 customary and traditional use determination should be
48 inclusive for all subunits of Unit 15. Division of Unit
49 15 into subunits can be viewed as useful for resource
50 management purposes, but may not be necessary for C&T
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1 determinations. 2 An alternative view is that the Staff 3 4 analysis may provide support for a positive customary and 5 traditional use determination for Ninilchik on Federal 6 public lands within Unit 15C. By far most of the harvest 7 of brown bears by Ninilchik documented in the State bear 8 sealing database has occurred in Unit 15C, although the 9 number of bears reported is relatively small, nine, and 10 most of the bears were not reported taken on Federal 11 public lands. The reported harvest of brown bears in 15C 12 shows a long-term continuous pattern of use that is 13 sporadic in character. The absence of reported harvest 14 of brown bears in Unit 15A and only one brown bear 15 reported taken in 15B over the 31-year period could be 16 considered to not provide substantial evidence of 17 customary and traditional use of brown bears in those 18 units. 19 20 Thank you, Mr. Chairman. 21 22 CHAIRMAN FLEAGLE: Thank you, Larry. 23 Questions. 2.4 25 (No comments) 26 CHAIRMAN FLEAGLE: Board discussion. 27 28 29 MS. GOTTLIEB: Mr. Chair. 30 31 CHAIRMAN FLEAGLE: Judy Gottlieb. 32 33 MS. GOTTLIEB: Thank you. I guess I'll 34 do similar to the Department and kind of incorporate by 35 reference most of my statements from yesterday on C&T and 36 how we deal with historical information as well as 37 numerical information and what our legal obligations are. 38 Thank you. 39 40 CHAIRMAN FLEAGLE: Thank you. Other 41 comments. 42 43 (No comments) 44 45 CHAIRMAN FLEAGLE: Are you ready for 46 deliberative action. Judy, do you want to make a motion. 47 I can't. Action dies for lack of a motion. 48 49 MS. GOTTLIEB: Mr. Chairman. 50

1 CHAIRMAN FLEAGLE: Oh. Retract. Yes, 2 Judy, go ahead. 3 4 MS. GOTTLIEB: Well, I'll go ahead for 5 discussion purposes, put forward support the Regional 6 Advisory Council's recommendation that would establish a 7 positive customary and traditional use determination for 8 brown bear in Unit 15 for the residents of Ninilchik. 9 10 CHAIRMAN FLEAGLE: Is there a second. 11 12 MS. KESSLER: I'll second. 13 14 CHAIRMAN FLEAGLE: Okay. We've got a 15 second. 16 17 Would you like to speak to the issue and 18 some rationale. 19 20 MS. GOTTLIEB: Yes. Thank you, Mr. 21 Chair. I believe that this Board has been provided with 22 substantial evidence that would support this 23 determination. The Regional Advisory Council from 24 reading over their discussions on this proposal did a 25 thorough job and provided justification as well. 26 27 I think we've heard actually over the 28 last few years a great deal of testimony from Ninilchik 29 on the variety of subsistence species that they use, 30 including brown bear, and including information on the 31 distances and area that they travel to do a variety of 32 subsistence uses. 33 34 CHAIRMAN FLEAGLE: Other discussion. 35 Wini. 36 37 MS. KESSLER: I will agree with that, 38 that the evidence does show a continuous pattern of use, 39 not a high level of use, and a somewhat sporadic level of 40 use, but that's confounded by other factors such as 41 closures and things. I think the pattern of use is 42 demonstrated. 43 44 CHAIRMAN FLEAGLE: Gary. 45 46 MR. EDWARDS: Mr. Chairman. Probably to 47 no one's surprise, I'm sort of where I was yesterday with 48 the C&T on black bear. I guess there's no question in my 49 mind that they Community of Ninilchik, you know, has 50 historically and to this day continued to use brown bear

1 for a multitude of purposes. And so that -- in my mind, 2 that's not the question. Neither even in the next 3 proposal that what they're actually asking for in the way 4 of harvest, I don't think -- I think it's actually a very 5 modest proposal. 6 7 I still continue to wrestle with, you 8 know, our regulations and talking about areas such as 15B 9 and particularly 15A when at least based upon the current 10 information that we have over the last 30 years doesn't 11 show that there, you know, has been harvest occurring 12 there, albeit there may be harvest that has occurred and 13 hasn't been reported. But -- and, you know, I recognize 14 that, you know, the people who came before us here in 15 this state wandered all over this state, and as I think 16 has been said many times there's probably not a critter 17 that's walked, flew or swam in this state that probably 18 hasn't been utilized at one time or another by someone 19 for some various purposes. 20 21 But I'm not so sure that that a C&T 22 makes. Where I could support, as I did yesterday, a C&T 23 for 15C, I'm going to find it difficult to do it for 15A 24 and for 15B. 25 26 CHAIRMAN FLEAGLE: George. 27 28 MR. OVIATT: I, too, am going to have a 29 difficult time finding a C&T determination, especially 30 for 15A and 15B. But I think because of the sporadic 31 use, there's no doubt they've used brown bear, but the 32 sporadic use makes me question whether that is in the 33 realm of continuous use. And I think we all wrestle 34 with, you know, how many makes that number legit or 35 doesn't. 36 37 I often wonder, too, in the history or 38 use where it talks about bear and gives recipe for bear, 39 but it doesn't say that that's brown bear. Most of us 40 who have eaten bear have eaten black bear, and I wonder 41 if that wasn't what historically maybe they were 42 referring to. That's up for question, too. 43 44 But it almost appears to me that we're 45 making -- because of where the bear are taken, we're 46 almost making a C&T determination for the State rather 47 than the feds. I see very little use on Federal lands of 48 the brown bear, but that's just a comment that I'm 49 making. 50

1 So I'm going to have a very difficult 2 time agreeing on a C&T determination for brown bear in 3 Unit 15. 4 5 CHAIRMAN FLEAGLE: Warren Eastland. 6 7 MR. EASTLAND: Mr. Chair. I have no 8 problem at all understanding, granting C&T for A and B as 9 well as 15C simply because the record clearly shows that 10 the people of Ninilchik when they cannot legally get 11 bears in one place, they will travel great distances, and 12 at great expense as anyone who has travelled in this 13 state knows, in order to be able to harvest bears where 14 they are legal to take. And so given that the seasons 15 have been on again, off again, closed, open and just 16 quite cockeyed on the Kenai for a long time, I have no 17 doubt that granted C&T for 15A as well as 15B and 15C, 18 that when the legality of the situation permits, that 19 they will harvest bears there. 20 21 Thank you very much. Mr. Chair. 22 23 CHAIRMAN FLEAGLE: Other comments. Wini. 2.4 25 MS. KESSLER: Yes, Mr. Chair. The fact 26 that 15C is used more heavily is not in dispute. But 27 again as in the record from yesterday, Mr. Goltz gave us 28 quite an explanation that the point is not based on that,  $29\ {\rm but}\ {\rm rather}\ {\rm the}\ {\rm use}\ {\rm of}\ {\rm this}\ {\rm population}.$  And again as I 30 explained yesterday, I believe this is one population, 31 that the bears don't sort themselves out according to the 32 subunits, and so I would support for 15 as a whole. 33 34 CHAIRMAN FLEAGLE: And that is the 35 recommendation. There was a clarification on the typo on 36 the page. So Pete and I have scribbled out the A, and it 37 reads 15. 38 39 Judy. 40 41 MS. GOTTLIEB: Mr. Chairman. Because I 42 want to clarify as we did perhaps yesterday, but again 43 maybe not everybody was here, with Keith, as we're making 44 our determination on customary and traditional use, are 45 we to factor in whether this occurred on State lands or 46 Federal lands. Or are we looking at the whole area. 47 48 CHAIRMAN FLEAGLE: I think he didn't want 49 to really get into that yesterday. How about today? 50

1 MR. GOLTZ: I don't want to get into it today either. I was trying for a full day's silence, but 2 3 I'm not going to get it, am I. 4 5 The focus of -- the theater of our 6 concerns is stocks and populations. 7 MS. GOTTLIEB: Mr. Chairman. May I ask 8 9 Keith again to clarify what you mean by that. 10 11 MR. GOLTZ: The regulations say that 12 we're to consider use on stocks and populations. The 13 implementation will be on Federal public lands, not on 14 State lands. That's the limitation. 15 16 MR. EDWARDS: Mr. Chairman. Then if I 17 can follow up on that. 18 19 CHAIRMAN FLEAGLE: Go ahead, Gary. 20 21 MR. EDWARDS: So I guess what I would 22 interpret that to mean, because I think there's 23 absolutely no question that the folks in the Ninilchik 24 community harvest brown bear as well as black bear. So 25 if there was actually no reference or no request of that 26 harvest occurring on Federal lands, the fact that it was 27 harvested at all then would mean that we would grant a 28 C&T for any lands that are being asked for C&T that are 29 Federal lands? 30 31 MR. GOLTZ: Maybe we can simplify it this 32 way. If the court reviews this record, it's going to ask 33 whether you had a rational basis for your decision. So 34 that's what you want to consider. You want to make a --35 however you vote, you want to make a record, and you want 36 to establish a connection between the facts that are on 37 the record and your decision. 38 MR. EDWARDS: So those of us who don't 39 40 think the proposal is rational should vote no then. 41 MR. GOLTZ: Those of you who don't think 42 43 it's rational should explain why you don't think it's 44 rational. 45 46 CHAIRMAN FLEAGLE: I have interest from a 47 Council Chairman, Jack Reakoff. Go ahead. 48 49 MR. REAKOFF: Thank you, Mr. Chairman. 50 I'm concerned about this question as to where these

1 animals are harvested. Within the Western Interior Region I have villages that are placed within their vast 2 areas of corporation land. They have -- they're rural 3 4 residents. They harvest on their land and on the Federal 5 lands. 6 7 The question before the Board should be 8 whether they're rural, whether they use the resource, and 9 the question here is whether this bear resource or what 10 kind of resource this is, the repertoire of resource use, 11 using the term repertoire, there's a preference in use. 12 And so if I'm out moose hunting, and I'm coming down on 13 the end of the season, I eat bears, but they don't keep 14 real well. I don't like to take them if I don't have to. 15 If I'm coming down on the end of the season, I'll take a 16 bear as a last resort. So the sporadic use can be 17 attributed to things like that. 18 19 And so I'm concerned about the Board 20 diverging away of where these resources were harvested. 21 The Board should focus on whether the resource -- whether 22 they're rural residents, whether they utilize that 23 resource, and take into consideration the sporadicness 24 and the repertoire. 25 26 Thank you. 27 28 CHAIRMAN FLEAGLE: All right. Thank you. 29 I appreciate the comments, and I think that I probably 30 raised the issue yesterday as to whether or not the use 31 occurs on Federal public lands or State lands or whatever 32 lands that the Board is trying to determine whether that 33 use occurred. And I totally agree with Jack. It's 34 whether the use occurs. 35 36 Now, on this issue, I am going to diverge 37 from my position of yesterday, because I don't find that 38 we have a long-term continuous use. And that's the 39 problem. We don't have a clear threshold. We've all 40 spoken about that yesterday as well. However, on the 41 black bear position, on the black bear decision, it was 42 pretty easily definable to me that we did have a 43 consistent pattern of use. In fact the InterAgency Staff 44 Committee comments used the word sporadic. To me it 45 appears that the brown bear harvest has been incidental, 46 sporadic an not consistent. It may have been long term, 47 but it's not consistent, and I'm going to vote against 48 this finding. 49 50 Other comments. Gary.

1 MR. EDWARDS: Mr. Chairman. One last 2 thing just in case I didn't provide sufficient rationale. As I said, you know, earlier, I keep trying to reconcile 3 4 in our decisions with what our regulations are, and I do 5 know our regulation under customary and traditional use 6 determination process speaks to determination shall 7 identify the specific community or area of use of 8 specific fish stocks and wildlife. So it does speak, our 9 regulations anyway, rightly or wrongly, do speak to 10 specific areas of use. 11 12 CHAIRMAN FLEAGLE: Other comments. 13 14 MS. KESSLER: Mr. Chair. 15 16 CHAIRMAN FLEAGLE: Wini. 17 18 MS. KESSLER: Just on this question of 19 sporadic use, two things to consider. One is that what 20 we've seen through the information provided, that 21 sporadic wasn't necessarily reflecting choice so much as 22 unavoidable circumstances associated with closures, and 23 also the fact of opportunism, you know, taking bears, not 24 as the primary species, but being opportunistic in order 25 to meet needs for food. 26 27 Also, I'm looking at the eight factors 28 that determine customary and traditional use, and 29 concerning this pattern, it says, a community or area's 30 customary and traditional use is generally exemplified 31 through eight factors. A long-term, consistent pattern 32 of use, excluding interruptions beyond the control of the 33 community or area. So that sporadic nature of the hunt 34 is not in dispute, it's just that I think these 35 interruptions were in fact in many cases beyond the 36 control of the community or area. 37 38 Thanks. 39 40 CHAIRMAN FLEAGLE: Other comments. Niles 41 Cesar. 42 43 MR. CESAR: Thank you, Mr. Chairman. I'm 44 trying to determine in my mind whether there's some 45 middle ground that we could propose, and, you know, 46 because if we vote this down, then we've vote it down for 47 the entire 15, you know, A, B and C. And I'm wondering 48 if we eliminated A and B, and found a C&T for 15C. I 49 mean, number 1, is that possible, and, number 2, I'd be 50 willing to make that motion if I could get some, you

1 know, feedback first I guess for the Board whether they'd 2 even entertain it. 3 4 CHAIRMAN FLEAGLE: I think procedurally 5 there's not a problem with that amendment coming forth. 6 The question I quess that you're finding out is would it 7 change the three votes that have already determined that 8 they would not vote in favor of this. And in my instance 9 it would not. I don't know about Gary or.... 10 11 MR. OVIATT: Well, Mr. Chairman. Mr. 12 Niles. To be consistent with what I said at the start, I 13 said that I could support a C&T for Unit 15C, and that's 14 the same motion that I actually offered yesterday for 15 black bear also. 16 17 CHAIRMAN FLEAGLE: George. 18 19 MR. EDWARDS: Mr. Chairman. You know, I 20 listened to what Wini had said about sporadic use, and it 21 may be -- being interrupted by circumstances of closures 22 or whatever. But when you look at the chart, and you 23 look at those years that we didn't have closures, it 24 still to me is very sporadic use, even in 15C, so I don't 25 believe I would be able to support a change. Thank you. 26 27 MR. CESAR: Mr. Chairman. I would like 28 to forward an amendment to the proposal, and I would like 29 to find positive C&T for 15C. 30 31 CHAIRMAN FLEAGLE: Is there a second. 32 33 MS. GOTTLIEB: I'll second it. 34 35 CHAIRMAN FLEAGLE: All right. We have a 36 motion to amend, to find a positive C&T for brown bear 37 for Ninilchik for Unit 15C only. Further discussion. 38 39 MS. GOTTLIEB: Mr. Chair. 40 41 CHAIRMAN FLEAGLE: Go ahead, Judy. 42 43 MS. GOTTLIEB: Thank you. I guess what 44 disturbs me is again we're focusing in on one numerical 45 -- some people are focusing in on one numerical table 46 here. And that's not the whole story of the last 160 or 47 more years. And so I think we need to be very cautious 48 about those numbers, because we have stated we don't have 49 thresholds and we don't require communities to prove 50 their use. We've got a lot of information that in my
mind points to fulfilling the factors that this Board 1 2 generally relies upon. 3 CHAIRMAN FLEAGLE: Additional comments 4 5 pertinent to the amendment. б 7 (No comments) 8 9 CHAIRMAN FLEAGLE: Ready for the question 10 on the amendment. Question on the amendment to further 11 define this C&T to only apply to 15C. Pete, if you'll 12 please poll the Board. 13 14 MR. PROBASCO: Thank you, Mr. Chair. And 15 I won't repeat the motion you just mentioned. Amendment 16 to WP07-17a. Mr. Fleagle. 17 18 CHAIRMAN FLEAGLE: No. 19 20 MR. PROBASCO: Ms. Gottlieb. 21 22 MS. GOTTLIEB: Aye. 23 2.4 MR. PROBASCO: Mr. Cesar. 25 26 MR. CESAR: Yes. 27 28 MR. PROBASCO: Mr. Oviatt. 29 30 MR. OVIATT: No. 31 32 MR. PROBASCO: Ms. Kessler. 33 34 MS. KESSLER: Aye. 35 36 MR. PROBASCO: And Mr. Edwards. 37 38 MR. EDWARDS: Aye. 39 40 MR. PROBASCO: Amendment carries, 41 four/two. 42 CHAIRMAN FLEAGLE: The amendment carries. 43 44 The C&T now pertains only to 15C. Further discussion by 45 the Board. 46 47 (No comments) 48 49 CHAIRMAN FLEAGLE: Ready for the 50 question. The question is recognized. Mr. Probasco,

1 please poll the board on the 2 3 MR. EDWARDS: I have a question. 4 5 CHAIRMAN FLEAGLE: Hang on. Gary. 6 7 MR. EDWARDS: I guess I would, if my two 8 colleagues who voted against the motion, I would -- if 9 you would be willing, I would be interested in sort of 10 your rationale, if you'd be willing to share that. 11 12 CHAIRMAN FLEAGLE: Do you want to go 13 first, George? 14 MR. OVIATT: Well, I will, and again I go 15 16 back to not only the history and they talk about the bear 17 and the use, but I wonder if that isn't mostly black 18 bear. But I look at these charts and that gives me some 19 indication of a sustained use, and I just don't --20 continuous use, and I don't believe that that is 21 demonstrated in Unit 15 for the brown bear. Thank you. 22 CHAIRMAN FLEAGLE: I concur. 23 The 24 question's now recognized on the decision as amended to 25 pertain only to 15C. Pete. 26 27 MR. PROBASCO: Final action of Proposal 28 WP07-17a, Unit 15 brown bear. Ms. Gottlieb. 29 30 MS. GOTTLIEB: Well, while I believe this 31 should be for the entire unit, I will vote aye. 32 33 MR. PROBASCO: Mr. Cesar. 34 MR. CESAR: Yes. 35 36 37 MR. PROBASCO: Mr. Oviatt. 38 39 MR. OVIATT: No. 40 41 MR. PROBASCO: Ms. Kessler. 42 43 MS. KESSLER: Aye. 44 45 MR. PROBASCO: Mr. Edwards. 46 47 MR. EDWARDS: Aye. 48 49 MR. PROBASCO: And Mr. Fleagle.

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1 CHAIRMAN FLEAGLE: Nay. 2 3 MR. PROBASCO: The motion carries, 4 four/two. 5 6 CHAIRMAN FLEAGLE: Okay. Thanks, Pete. 7 Let's go ahead and stand down for lunch break. And as promised we'll come back after lunch with the discussion 8 9 on Proposal 56. And we'll be back at 1:00 o'clock. 10 11 Thank you. 12 13 (Off record) 14 15 (On record) 16 17 CHAIRMAN FLEAGLE: Good afternoon. The 18 Federal Subsistence Board is back in session. I hope 19 everybody enjoyed their lunch break, although some of 20 them had to heat their lunch in the last two minutes, 21 because somebody forgot that they had ordered, right, 22 Pete? 23 2.4 All right. As advertised prior to lunch 25 the lunch break, we are going to take out of cycle -- not 26 out of cycle, but out of order on the agenda, Proposal 27 07-56 dealing with sheep in Unit 25A. So we have a 28 change up in staffing temporarily, and we also have some 29 Staff that are attending by telephone. Larry, can we 30 confirm that the telephone participants are on? 31 32 MR. BUKLIS: Mr. Chairman, we are on 33 line. I'll check if anyone else is on the party line. 34 CHAIRMAN FLEAGLE: All right. 35 Ι 36 understand they're probably in the process of calling. 37 38 Do we need to hold off on lead analysis? We can start off then with Vince for 39 No? Okay. 40 introductions and then take off with the lead off. Go 41 ahead. 42 43 MR. MATHEWS: Yeah. Thank you, Mr. 44 Chair. I'm Vince Mathews, regional coordinator for 45 Eastern and Western Interior. Next to me is Pete 46 DeMatteo, the wildlife biologist for the Yukon-Kuskokwim, 47 Eastern and Western Interior Regions. 48 49 CHAIRMAN FLEAGLE: Welcome. And I 50 understand you'll be doing the lead analysis for us?

1 MR. DEMATTEO: Yes, Mr. Chair. 2 3 CHAIRMAN FLEAGLE: Okay. You may 4 proceed. 5 6 MR. DEMATTEO: Mr. Chair. The analysis 7 for Proposal WP07-56 can be found in your Board book 8 beginning on Page 531. This proposal was submitted by 9 the Alaska Department of Fish and Game, and the proponent 10 request the elimination of the closure of the Federal 11 public lands in the drainages of Red Sheep Creek and Cane 12 Creek within Unit 25A, the Arctic Village Sheep 13 Management Area. This is to open it to sheep hunting by 14 non-Federally-qualified hunters. 15 16 Mr. Chair, more specifically there's a 17 map on Page 533 that shows the specific area. On Page 18 533 at the top of the map you can see that the Red Sheep 19 Creek and Cane Creek drainages are indicated there. 20 Those two creeks, those two drainages make up the 21 proposal area affected by this proposal. 22 23 This regulatory action would allow sheep 24 hunting in these drainages under State regulations during 25 the August 10 through September 20 season. Section 26 .815(3) of ANILCA allows restrictions on the taking of 27 fish and wildlife for non-subsistence uses on public 28 lands only if necessary for conservation of healthy 29 populations of fish and wildlife, or for reasons set 30 forth in Section 816 that would allow subsistence uses of 31 such populations to continue, or pursuant to other 32 applicable law. 33 34 Federal closure regulations for the 35 management area have been in existence since the 36 1991/1992 regulatory year. The management area was 37 expanded in 1995 to include the Cane Creek and the Red 38 Sheep Creek drainages. 39 Proposal WP06-57 was submitted by the 40 41 Department of Fish and Game in October of 2005. That 42 proposal requested the Federal Board to eliminate the 43 closure for the entire Arctic Village Sheep Management 44 Area. The Board rejected the proposal so that 45 information on the sheep population and harvest could be 46 collection. 47 48 Special Action Request WSA06-03 was 49 submitted by the Fish and Wildlife Service in 2006. They 50 requested the Federal Board to open the Cane Creek and

1 Red Sheep Creek drainages during the August 10 through 2 September 20 season for 2006. The Board adopted the request in July of 2006. The Board's action lifted the 3 4 Federal closure only for the fall season. 5 6 (Teleconference operator) 7 8 MR. DEMATTEO: This proposal, Proposal 9 56, would place into permanent regulation the Board's 10 action that was taken on Special Action WSA06-03. 11 12 Mr. Chair, the proposed regulations can 13 be found on Page 532 of your Board books. 14 Residents of Arctic Village, Chalkyitsik, 15 16 Fort Yukon, Kaktovik and Venetie have a positive C&T use 17 determination for sheep in Unit 25A. 18 19 Mr Chair, I'd like to mention at this 20 time that kudos are in order for the manager of the 21 Arctic Refuge and his Staff for the extensive amount of 22 work and outreach efforts that they did with the intent 23 to provide information, and to conduct public use 24 monitoring that is on-going. Outreach efforts are also 25 being made to the public and proprietors of commercial 26 air services. 27 28 Public use monitoring was conducted at 29 the Red Sheep Creek airstrip during the 19-day period 30 between August 7th and August 25, 2006. This was done to 31 document public use at the Red Sheep Creek airstrip, and 32 to document aircraft travel in the area. 33 34 Nine groups of users were documented at 35 the airstrip during that period. Four of these groups 36 hunted within the affected area. An additional four 37 hunting parties stopped at the Red Sheep Creek airstrip, 38 but did not hunt in the Red Sheep Creek or Cane Creek 39 drainages. Because additional users may have accessed 40 the area at other points and during the latter part of 41 the sheep hunting season, the documented use data may be 42 minimal estimates of public use for the immediate 43 vicinity of the Red Sheep Creek airstrip only, and not be 44 applied to the entire management area. 45 46 Analysis of results from June 2006 survey 47 indicates that the Dall sheep population within the Red 48 Sheep and Cane Creek drainages was 1.7 sheep per mile 49 square. The most recent previous survey in the area was 50 conducted by the Arctic Refuge in 1991. At the time they

1 reported an estimate of 2.25 sheep per square mile. It 2 is unclear whether the differences between the 2006 and 3 the 1991 density estimates for the area between the Red 4 Sheep and Cane Creeks represents a population decline or 5 differences in sheep distribution. 6 7 (Teleconference Operator) 8 9 MR. DEMATTEO: In 1990 the Arctic Refuge 10 conducted a survey from Gilbeau Pass to Cane Creek and 11 estimated that the density for this larger area is 1.9 12 sheep per square mile. Although the 1990, 1991, and 2006 13 surveys produced low densities compared to other parts 14 within the state, the population densities are similar. 15 The composition data or the affected population are 16 within normal ranges and indicate that this population is 17 healthy. 18 19 Analysis of results from recent harvest 20 data collected by the Department of Fish and Game reveal 21 a total of nine hunters reported hunting sheep in the 22 management area. Of these nine hunters, seven were 23 successful in taking sheep. Five of the nine hunters 24 were Alaska residents, two are non-residents, and 25 residency for the remaining two hunters is unknown. 26 27 Federal registration permits have been 28 available since the 1995/1996 regulatory year. Limited 29 data is available for the Federal registration hunt 30 RS596. No permits were issued in 2001. Two permits to 31 one hunter were issued in 2002. And four permits to two 32 hunters were issued in 2003. No harvest reports have 33 been returned, but verbal reports from one hunter in each 34 year indicate no animals were harvested during 2001 35 through 2003 seasons. 36 37 Refuge Staff anticipate gaining further 38 insight into public use levels within the management area 39 from additional sources. Currently there is no complete 40 compilation of sheep harvest for the management area. 41 Although sheep harvest concluded in September of 2006, 42 the main subsistence harvest may occur in late winter and 43 spring of 2007, therefore a more complete harvest 44 estimate may be available after the Department of Fish 45 and Game harvest summaries are compiled, and after 46 Federal subsistence harvest permits are returned in April 47 and May of 2007. 48 49 The commercial air services client use 50 reports for 2006 have been summarized by refuge staff and

1 indicate one additional hunting group after the inclusive 2 dates of the public use monitoring project at the Red Sheep Creek airstrip. Because the group consisted of two 3 4 people, this should be considered at a minimum -- as a 5 minimum, as the reports do not include noncommercial 6 landings and are not ground truth. 7 8 Finally, a flight-based snowmachine track 9 survey is scheduled for spring 2007 to provide some 10 assessment of area use during the spring sheep hunt, 11 possibly a primary time of subsistence use. 12 13 Mr. Chair, adoption of the proposed 14 action would provide access to the affected area for non-15 Federally-qualified users during the State's August 10 16 through September 20 season. This action would place 17 into regulation the special action decision made by the 18 Board for the fall 2006 hunt. Because those hunting 19 under State regulations would limited to taking one full-20 curl ram in the fall season, sheep hunting by non-21 Federally-qualified users in these drainages would not 22 adversely affect the sheep population. Removal of some 23 full-curl rams from the population is not expected to 24 reduce reproductive success in the sheep population. The 25 sheep population in these drainages can support harvest 26 by both Federally-qualified subsistence users and non-27 Federally-qualified hunters. In fact, because Federally-28 qualified subsistence users can take rams of any age, the 29 number of rams available to Federally-qualified users far 30 exceeds the number of full-curl rams available to non-31 Federally-qualified users. The sheep population in the 32 affected area can support harvest therefore by both user 33 groups. In addition, the opportunity to harvest under 34 Federal regulations extends until April 30, providing 35 Federally-qualified users with over seven months of 36 opportunity beyond the State's fall hunting season. 37 38 Finally, the existing closure is not 39 justified for reasons of public safety, administration or 40 pursuant to other applicable law. 41 Mr. Chair, Staff fully acknowledge that 42 43 this issue is very sensitive, and that the Cane Creek and 44 Red Sheep Creek areas are culturally important to the 45 local users for hunting sheep and also for other reasons 46 as well. Staff have listened to oral testimony given by 47 people of Arctic Village who stated that the sheep are 48 important to them, and that they continue to take sheep. 49 But as Staff whose job is to do a biological analysis of 50 the proposal within the guidelines of ANILCA, there is no

1 evidence that supports that -- the need to leave the 2 Federal closure in place at this time. 3 4 Maintaining the Federal closure in the 5 affected area is not longer necessary for the 6 conservation of a healthy sheep population. The status 7 of the existing population an harvest do not meet the 8 critical -- sorry, the criteria established under Section 9 .815(3) and .816 of ANILCA that would warrant keeping the 10 Cane Creek and Sheep Creek drainages closed to non-11 Federally-qualified hunters to sheep hunting. 12 13 Thank you. 14 CHAIRMAN FLEAGLE: Thank you, Pete. And 15 16 I understand we have attendance by telephone now, Larry. 17 18 MR. BUKLIS: Yes, Mr. Chairman. Do you 19 want me to confirm who's on line? Who do we have on 20 line? 21 MR. VOSS: Yeah, this is Richard Voss, 22 23 the manager of Arctic Refuge. I also have Tara Wertz, 24 the sheep biologist, and Dave Payer, the supervisory 25 ecologist for the biological program here. And Tevis 26 Underwood, the assistant manager, is here, too. 27 28 MR. BUKLIS: Thank you. 29 30 MS. LEONARD: This is Beth Leonard and 31 Bob Stephenson from Fish and Game in Fairbanks. 32 33 MR. BUKLIS: Thank you. 34 MR. W. ADAMS: This is Wayne Adams with 35 36 USGS in Anchorage. 37 MR. BUKLIS: Thank you. Mr. Chairman, we 38 39 have three parties on line. 40 CHAIRMAN FLEAGLE: Three phone lines with 41 42 about six individuals, seven individuals. Let's see. 43 I've got Beth Leonard, Bob Stephenson, Wayne Adams. Can 44 you repeat the names of the other -- the first group, 45 Larry? 46 47 MR. BUKLIS: Mr. Chairman. I had the 48 first party was Richard Voss with Tara Wertz, Tevis 49 Underwood, and a fourth person with him. Richard, who 50 else is with you besides Tara and Tevis?

1 MR. VOSS: Dave Payer, the supervisory 2 ecologist for the Refuge. 3 4 MR. BUKLIS: Mr. Chairman. We had Beth 5 Leonard with Bob Stephenson with her. And then we had 6 USGS Anchorage. Could you repeat who's there? 7 MR. W. ADAMS: My name is Wayne Adams. 8 9 10 MR. BUKLIS: Thank you, Wayne. 11 12 CHAIRMAN FLEAGLE: All right. Thanks. 13 Now, excuse me. Questions. Wini. 14 MS. KESSLER: Yeah. First of all I want 15 16 to thank you, Mr. Chair, for accommodating me and putting 17 this one so I could participate. 18 19 And I want to say first off that I 20 personally was really pleased when the restriction was 21 lifted through a special action last year, because this 22 was evidence of a healthy enough population situation to 23 allow this broader use of a resource that had been in 24 decline. So that's always evidence of a real success 25 story to me. 26 27 In my view, the special action was a real 28 opportunity to test the waters so to speak and see how 29 the hunt would play out. And I've got to say that from 30 what I understand about the result of that hunt, it's a 31 real red flag for me. That's how this test has played 32 out. And so that's why I've asked to discuss this 33 situation. 34 35 I guess in a way where I'm coming from, 36 it's kind of like yesterday when we considered Proposal 37 07-06 for deer where the analysis, we couldn't really go 38 just on the face of the analysis, because that analysis 39 didn't take into account the condition that occurred 40 afterward, which was a very severe winter situation. And 41 as you may recall, we had that information through an 42 addendum that helped reveal how the circumstances had 43 changed and led us eventually to a decision to defer that 44 motion in light of that new information. 45 46 So I guess that's where I think we are 47 now. And I think the new information of what had 48 happened on that testing of the water so to speak, that 49 special action, is really pertinent here. And so I guess 50 I'll ask by saying is there an addendum to the

1 information that we can use to base our discussions on 2 that? 3 4 CHAIRMAN FLEAGLE: Anybody? Pete. 5 6 MR. PROBASCO: Thank you, Mr. Chair. Ms. 7 Kessler, are you asking what additional information we've 8 learned since the hunt this fall? 9 10 MS. KESSLER: Yes, because I understand 11 about that causes me some concern about what happened as 12 far as the sustainability on that as indicated by that 13 result. I'm hoping to explore that with the folks here. 14 15 CHAIRMAN FLEAGLE: Thanks for that 16 clarification, Pete. Pete. 17 18 MR. DEMATTEO: Mr. Chair. I'd like to 19 draw Ms. Kessler's attention to Page 535 under current 20 events involving the species Basically, in a nutshell, 21 everything that's new since last year when this analysis 22 went before you at this time, basically anything that's 23 new is in those three paragraphs there. 2.4 25 What's new is that the Refuge has done 26 extensive outreach and gathering information that's 27 ongoing up in that area. They've been working with the 28 community, they've been doing surveys. The surveys -- or 29 the population survey of June of 2006 revealed that the 30 population estimates are similar to that that they were 31 in '91. And also that the commercial air services client 32 use reports that they -- I've summarized, that I read to 33 you before, I indicated that one additional hunting group 34 after the inclusive dates that I mentioned before, the 35 public use monitoring for the Red Sheep Creek area. So 36 this should be considered minimal at best. 37 38 Also consider that the Federal season 39 ended just yesterday, so we don't have a total of the 40 harvest in yet. It will take some time before I'm sure 41 that that's tallied up. 42 43 Thank you. 44 45 MS. KESSLER: The actual number of sheep 46 taken through the special action was seven rams, correct? 47 48 MR. DEMATTEO: That is correct. 49 50 MS. KESSLER: And how many -- that's

1 seven out of how many available mature animals were 2 available? 3 4 MR. DEMATTEO: There was 188 sheep that 5 were observed during the survey. Of the 188 sheep that 6 they found in the Red Sheep and Cane Creek drainages, 7 there was 53 rams that were observed. 8 9 MS. KESSLER: I understand there were 18 10 available for harvest, is that right? 11 12 MR. DEMATTEO: That is correct. 13 14 MS. KESSLER: So -- and of those 18, 15 that's mature rams, so some proportion of those is full-16 curl and some proportion may be something less than full-17 curl. So of 18 animals available for harvest, seven 18 full-curl rams were taken? 19 20 MR. DEMATTEO: That is correct. 21 22 MS. KESSLER: Okay. That's the cause of 23 my concern. Nothing I know about sheep suggests that 24 that level of harvest is commensurate with what we know 25 about the role of mature large rams in the biology of the 26 species. But we can explore further through discussions, 27 but that's my concern. 28 29 MS. GOTTLIEB: Mr. Chair. 30 31 CHAIRMAN FLEAGLE: Judy. 32 33 MS. GOTTLIEB: I wondered since the 34 book's been printed for a few weeks now, and you 35 mentioned the spring snow track survey, I wondered if 36 that has been conducted already, if there are any 37 preliminary results from that. 38 MR. EDWARDS: Mr. Chairman. I believe 39 40 that the folks up in the Arctic Refuge could address 41 that. 42 43 MR. VOSS: I guess I didn't quite hear 44 about what was the survey? The snow mobile survey? 45 46 MS. GOTTLIEB: Yes, that's right. 47 48 MR. VOSS: We conducted the surveys on 49 April 3rd, on April 11th, and then we have a final one 50 actually tomorrow since the season just closed. The

1 early surveys didn't show any snow mobile use, but we 2 haven't conducted anything just prior to, during and 3 after the spring carnival, which is the time when there's 4 -- we've had reports of some -- of activities going on. 5 But we won't know until tomorrow. 6 7 CHAIRMAN FLEAGLE: Okay. Thank you. 8 Other questions. Gary. 9 10 MR. EDWARDS: Yeah. Mr. Chairman, maybe 11 we could follow up with some of the folks on line to 12 maybe try to address some of these questions. And I 13 guess I'd start by -- and Tara, maybe you could just give 14 a little bit of your background for the folks here so 15 they know who you are. 16 17 MS. WERTZ: Yes, Mr. Chairman. My name 18 is Tara Wertz, and I'm the sheep biologist for the Arctic 19 Refuge. I've been here since October of 2001 and have 20 dealt with sheep biology since about 1990 I guess in my 21 career. 22 MR. EDWARDS: Thank you. For my 23 24 purposes, that means you know a lot mote about them than 25 I do. So kind of getting at the question on 7 rams out 26 of 18, did the number 18 come from the surveys that you 27 folks ran last year, and that was a fixed wing survey if 28 I recall, and can you relate whether we thought we saw, 29 you know, 100 percent of the animals, 90 percent, or what 30 percent. 31 MS. WERTZ: We did conduct the survey out 32 33 of Super Cubs. We had two Super Cubs with experienced 34 pilots and observers, and we did not have any marked 35 sheep in the area, so we could not determine a 36 sightability index for our survey. The 18 sheep that we 37 considered to be mature rams would be a minimum count. 38 We obviously didn't count all of them. 39 MR. EDWARDS: Okay. Than you. And then 40 41 I guess a follow-up question, you know kind of from your 42 experience, you know, what kind of a harvest, you know, 43 when you have a full-curl ram, you know, can be supported 44 before you would even start expecting to jeopardize the 45 health of the population? 46 MS. WERTZ: Well, I don't think that 47 48 anybody really has that specific information. There's 49 been several papers written in the past six or seven 50 years from differing authors and there's not a consensus

1 among the sheep biologists. Some people feel that there 2 isn't any biological ramifications to having a heavily 3 hunted population, basically removing the majority of 4 mature rams from a population. There is some data that's 5 been done on Dall sheep populations that have shown that 6 there is some social cost and social disruption in 7 removing the large percentage of mature rams, in 8 particular in regards to young ram survivorship. The 9 survivability of the younger age classes have been shown 10 to decrease when you have the majority of mature rams 11 getting harvested, and most of that is assumed to be from 12 there's a pretty high energy expenditure by the young 13 rams. They have to fight more. The ewes are much more 14 active and kind of refuse their advances during the 15 breeding season. 16 17 But I don't think -- you know, we don't 18 have that specific information from the Red Sheep Creek 19 area. The only thing I can add to that is that the 20 habitat and population dynamics of the population in the 21 Brooks range on the refuge is fairly bleak when compared 22 to habitats in the Alaska Range or the Chuqach or in 23 Alberta and -- or British Columbia where they've done 24 some of these other studies. 25 26 MR. EDWARDS: All right. Thank you. 27 Just a couple more questions. What kind of movement do 28 we get in those two drainages, between the those drainage 29 and additional drainages? Can we expect sheep to be 30 moving back and forth? 31 MS. WERTZ: Yes, definitely. I mean, 32 33 there is no closed populations there in the Brooks Range. 34 They all move between drainages. Dall sheep are fairly 35 loyal to the areas. The ewes in particular are fairly 36 loyal to the areas, but there is movement among the 37 drainages, and among the sheep herds in that area. 38 MR. EDWARDS: Okay. And then kind of one 39 40 last question. Based upon last year's harvest, do you 41 think that that harvest posed a conservation concerns for 42 the population? 43 44 MS. WERTZ: I think harvest at that level 45 for one year is not going to affect the population or the 46 ability to reproduce. As some of us biologists talked 47 this morning, I'm not sure that we can make the 48 assumption that that harvest is going to be what we see 49 in the following year if area is opened up to hunting. 50 The opening was only announced a month before the sheep

1 hunting season last year. Most of the sheep hunters had 2 already made plans of where and how they were going to 3 hunt. I think now the expectation is that the area will 4 be open this year and that hunters may be a little more 5 anxious to get up into that area. I think the 6 probability that we'll have more sheep hunter activity is 7 better than we would have less hunter activity this year. 8 9 MR. EDWARDS: Okay. Thank you. Mr. 10 Chairman. Maybe if I could ask a few questions of Wayne 11 Adams, if that was okay. 12 13 CHAIRMAN FLEAGLE: Go ahead, Gary. 14 15 MR. EDWARDS: Hey, Wayne, would you -- I 16 appreciate you taking the time. Would you for the folks 17 here in attendance, could you kind of give a little bit 18 about your background, please. 19 20 MR. W. ADAMS: Sure. My name is Wayne 21 Adams. I'm a wildlife research biologist with U.S. 22 Geological Survey, and I've conducted research on large 23 mammals here in Alaska since 1985. I worked for the Park 24 Service for about eight years before I was transferred 25 into my current position. And I've done sheep surveys, 26 park areas, and recently supervised a research project on 27 Dall sheep out in Northwestern Alaska. 28 29 MR. EDWARDS: Okay. Thank you very much. 30 Again, you're certainly more an expert than I am, but I 31 do have a couple of questions. 32 33 We talked about this potential harvest 34 rate of 7 rams out of 18. Would you consider that 35 excessive or constitute kind of a biological concern for 36 the health of this population. 37 38 MR. W. ADAMS: I wouldn't. You know, I 39 think there's -- to some degree it kind of depends on 40 what your definition of biological health is, but I --41 based on sort of the drift of the conversation, I think 42 I'm hearing that there are concerns about mating related 43 issues within a sheep population without these mature 44 rams, and then Tara brought up the possibility that 45 younger rams -- when these large rams aren't around, that 46 these younger rams would get involved in breeding and 47 they die at a higher rate as a result. And I just -- I 48 guess I'd like to say that as far as I'm aware, both of 49 those ideas are largely theoretical, and I am not aware 50 personally of any really solid information to back that

1 up. There was some work done in the central Alaska Range 2 regarding the issue of higher mortality of young rams that were involved in the rut. 3 4 5 And the other thing is that both of these 6 ideas sort of have come about through the -- through 7 situations where there was a heck of a lot more harvest 8 going on. For example, in the central Alaska Range 9 during those studies, I'm pretty sure that the regulation 10 was for three-quarter-curl or larger sheep to be taken. 11 And it's pretty common practice in the Lower 48, or it 12 has been for big horn sheep harvest to, you know, be 13 limited to three-quarter-curl or above. 14 15 And that's a big difference. When you're 16 talking about taking three-quarter-curl sheep, then 17 you're down to animals that are probably five years old 18 or less in the population versus full-curl sheep that 19 are, you know, up to probably eight years of age. 20 21 MR. EDWARDS: Right. Thank you. You 22 sort of kind of answered kind of my second question, and 23 is that, you know, what level of harvest of full-curl 24 rams can be probably supported without jeopardizing a 25 population? 26 27 MR. W. ADAMS: Well, you know, I think 28 that if you're -- you know, I don't think there's a 29 problem in terms of the breeding issue, you know, even if 30 you shot all of the full-curl rams. I don't think that's 31 an issue. And the issue of higher mortality of young 32 rams, you know, the deal there is just that they become 33 -- if those large, if those full-curl rams are gone, then 34 the age classes that are right below there are the ones 35 that become the active breeders, and they are not -- you 36 know, they're putting all of their energetic reserves 37 into breeding during the breeding system, going into the 38 winter in poor condition, and as a result their survival 39 over all is lower. So you'll -- you would ultimately end 40 up with maybe a somewhat smaller proportion of rams in 41 your population at all, but I think in terms of lamb 42 production and the growth potential of the population, it 43 really wouldn't be effected very much. 44 45 MR. EDWARDS: Thank you, folks. That's 46 all I have, Mr. Chair. Maybe some other folks might want 47 to ask them some questions. 48 49 CHAIRMAN FLEAGLE: Other questions. 50 Wini.

1 MS. KESSLER: Yeah. As I understand the 2 history of the sheep management, 30 years ago or so there 3 was hunting of three-quarter-curl acceptable and above, 4 and then through a number of studies done by my 5 colleague, Val Geist from Canada, for Stone sheep and 6 other species, it was discovered, the importance of these 7 large old rams. And that fact led to a change to seven-8 eighths-curl. Subsequently those relationships were 9 validated I believe through work by Wayne Heimer, and 10 ultimately resulted in more change which went to full-11 curl. And that's when the actual productivity responses 12 kicked in. And all this is based on what that research 13 indicated as being really critical roles of these large 14 old rams in the reproductive success and productivity of 15 these populations. So I'm kind of surprised to hear that 16 down played as it kind of goes against what I've always 17 learned about sheep. 18 19 But the other thing is, I just want to 20 again reiterate that I view what -- the special action 21 again as a fortuitous thing, because it gave us an 22 attempt to see what would happen, and it -- again I 23 regard what happened as a red flag. I guess the question 24 I would have for the folks on line would be, okay, we had 25 seven out of 18 available taken this year. If this 26 closure is lifted, would you consider that same rate of 27 harvest acceptable for the coming season and beyond? 28 29 MS. WERTZ: Mr. Chairman. This is Tara 30 Wertz. I tend to agree with what Wayne said about maybe 31 when you harvest a high proportion or even all of the 32 full-curl population, that reproductively speaking it's 33 not probably not going to have a huge negative effect. 34 35 The one warning I would add to that 36 though is that's only when you are harvesting full-curl 37 rams. And in this population, due to the subsistence 38 regulations, we have a harvest of rams that are not full-39 curl, and that is the confounding problem, because we 40 don't have at this time a good estimate of what that 41 harvest is. And when you start harvesting rams in the 42 younger age classes, that's when you run into problems 43 from a population standpoint. 44 45 MR. EDWARDS: Tara, this is Gary. I 46 mean, to follow up on that, but isn't the reality, isn't 47 that subsistence harvest extremely low? I mean, what we 48 heard last time from the folks in Arctic Village, they 49 acknowledge that while they did hunt sheep, they 50 primarily focused on caribou and moose, and during times

1 of shortage of those species, then they would make this 2 longer trip into -- to look for sheep. 3 4 CHAIRMAN FLEAGLE: Tara, do you want to 5 answer the question for Gary? 6 7 MS. WERTZ: If I understood the question, 8 I guess I do agree that that harvest is low or at least 9 in the past we've had no information to say that it's 10 very high. However, there are indications that perhaps 11 Arctic Village is more interested now than they were, and 12 perhaps we're going to get some better information to use 13 in the future to assess that harvest. Well, I can only 14 make some best guesses now, and I don't -- right now I 15 just don't have the information that I feel good about 16 whether or not that's going to change. 17 18 MR. EDWARDS: That's fair. Wayne, would 19 you.... 20 MR. W. ADAMS: Since we're talking 21 22 harvest, I just would like to point out that the 23 monitoring project that we conducted in Red Sheep Creek, 24 especially around the Red Sheep Creek area, we documented 25 four groups of hunters and with a total of 13 people, so 26 it doesn't necessarily jive with the tag returns, but it 27 just points out the discrepancy with people that are 28 actually out there hunting. 29 30 MR. EDWARDS: Wayne, this is Gary Edwards 31 again. Would you be willing to respond sort of to Ms. 32 Kessler's question on the social aspects and some of the 33 studies that were done in Canada if you're familiar with 34 those. 35 MR. W. ADAMS: Well, you know, she's 36 37 right that Val Geist was the guy that, as far as I'm 38 aware of, came up with this whole idea. And again, at 39 the time it came up, there were -- the majority of sheep 40 populations in North America were probably being 41 harvested at three-quarter-curl. And, you know, here in 42 Alaska certainly that was the case, and, you know, that 43 -- as far as I'm aware, that's the case then for big 44 horns in most of the west, and I'm not that sure about 45 Canada, but my recollection is that it was pretty much 46 universal. And, you know, again, at that level of 47 harvest, there at least is some potential for some 48 problems. 49 50 As far as what's happened here in Alaska

1 with changes in regulations, you know, Wayne Heimer did 2 quite a bit of work in the central Alaska Range and came 3 up with the idea that these young males were contributing 4 or participating in the rut prematurely with rams larger 5 than three-quarter-curl removed. And through his efforts 6 largely of getting the word out on that, you know, 7 ultimately the regulations were changed to full-curl 8 throughout most of the state. But that reason for that 9 really was to increase the number of full-curl trophies 10 out there. You know, his argument was that survival of 11 these intermediate age classes of rams was generally 12 pretty high, so that if you held off for a couple years 13 and you waited, excuse me -- instead of shooting them at 14 three-quarter-curl, if you waited until they became full-15 curl, you would essentially be able to harvest about the 16 same number of sheep, but you would have full-curl 17 trophies instead of three-quarter-curl sheep being taken. 18 So, you know, that was the main impetus behind the change 19 in the regulations. 20 21 And throughout all those discussions I 22 don't remember any mention or any evidence to show that 23 there was any sort of change in productivity of sheep as 24 a result of that regulation change. 25 26 MR. EDWARDS: Thank you. 27 28 CHAIRMAN FLEAGLE: All right. Some of 29 the discussions there were leaning toward deliberations, 30 and I understand that they were mostly questions just to 31 get more information. We will have the folks still on 32 line for further questioning once we get into 33 deliberations if we need. 34 35 I would like to go ahead and move through 36 the rest of the comments and testimony. And up next is 37 the summary of written public comments. Vince. 38 MR. MATHEWS: Mr. Chairman. There were 39 40 no written comments submitted, but the Regional Council 41 meeting had extensive testimony when they met in Arctic 42 Village, and we have copies of the transcript that would 43 be available if the Board so desires. 44 45 CHAIRMAN FLEAGLE: Thank you. Next is 46 any public testimony. Pete. 47 MR. PROBASCO: Mr. Chair. We have no 48 49 people signed up for this agenda item. 50

1 CHAIRMAN FLEAGLE: Thank you. We now 2 turn to the Regional Council recommendation. Sue 3 Entsminger. 4 5 MS. ENTSMINGER: Yeah. Thank you, Mr. 6 Chair. My heart's just pounding right now. 7 8 I would like to have actually asked a few questions during all of that, but I guess I'm going to 9 10 wait to deliberations, because I wanted to let you know 11 that I probably know a little bit about sheep myself 12 since I've been hunting sheep for 32 years, and I live in 13 the Sheep Mountains and I spend a great deal of time each 14 year photographing, observing and hunting. One of the 15 things I've done in the 80s for Fish and Game was a 16 volunteer at a natural sheep lick, and I feel like I 17 might be able to contribute into this conversation about 18 the biology, even though I'm not a biologist. 19 20 But I would like to just read into the 21 record the Eastern Interior position. And before I read 22 it, I want you to know that we went to Arctic Village as 23 you well know, and it -- this is a highly sensitive issue 24 I know, and we're trying to do the best, and I try to 25 represent the people there as best I can. 26 27 And the Council listened to, I think I 28 wrote this down from our transcripts, that there was six 29 people, and I know a year ago we also had probably as 30 many as eight people from Arctic Village testifying about 31 sheep hunting. 32 33 And the Council, as you well know, last 34 year they were concerned when this was asked to be opened 35 about just the data. They were really -- I remember one 36 of the ladies from Tok who's on the committee being 37 concerned he way the data was presented, it didn't appear 38 that -- it was like getting the cart ahead of the horse, 39 so to speak. We wanted to hear more about the biology 40 about it before we heard that it just had to be open. 41 And I hope that doesn't confuse you, but when you're on 42 the Council, you hear the information, and you listen to 43 it, and when you -- I understood things, but new people 44 coming in, they didn't understand from the data given, so 45 that it was like getting the cart ahead of the horse. We 46 didn't even -- we didn't have the surveys ahead of time 47 to say, hey, yes, you can open that. We understand that 48 there's a policy in ANILCA that it should be open. 49 50 So the Council in all of that decided to

1 defer, because the people of Arctic Village didn't want 2 to see it open. I don't think they truly understood exactly our regulations. But at the same time, it was a 3 4 very important area to them, and so we voted to defer, 5 and I'm going to read this so I don't miss anything. 6 7 We recommended the Board defer this 8 proposal for one year to form a working group of 9 representatives from affective villages, hunting 10 interests and agencies to decide what an acceptable sheep 11 harvest or number of sheep hunters would be in this area 12 and then draft a proposal to the Board of Game at its 13 March '08 meeting. The proposal would contain the number 14 of non-Federally-qualified hunters to be allowed to hunt 15 sheep in the Red Sheep and Cane Creek area. The working 16 group time line will give the Federal Subsistence Board 17 time to monitor the progress of the working group, the 18 Alaska Board of Game proposals and the actions of the 19 Alaska Board of Game before the Federal Subsistence Board 20 meets in the spring of '08. 21 And the justification, the Council 22 23 received testimony from the people who requested the 24 closure. Testimony included the cultural importance of 25 the area because of the burial sites, allotments, and 26 being a traditional area where they hunt sheep. And they 27 would not be able to compete with other hunters if the 28 area was opened to other hunters. Testimony also 29 included the high cost of accessing the area and the 30 difficulty reaching the area other than by aircraft. 31 And I'm not going to continue this. I'm 32 33 just going to give you a quick synopsis. 34 35 It sounded like at that meeting the 36 people were very concerned about the volume of people 37 that come in, not just from hunting, I guess, and also 38 because of the Refuge. There's a lot of hikers and 39 everything. And so they're having a hard time sharing 40 their -- what they consider their hunting area with all 41 of these new people. 42 43 And so it would be -- and that was kind 44 of the compromise that was talked about at the Council 45 meeting, was to come up with something that might work 46 that the people would accept. 47 48 And if you have any more questions, I'll 49 be happy to answer them. 50

1 MS. GOTTLIEB: Mr. Chair. 2 3 CHAIRMAN FLEAGLE: Judy. 4 5 MS. GOTTLIEB: Thank you, Sue, for that 6 report. And I missed this year's meeting, but I remember 7 the previous meeting. And so at one point it didn't seem 8 like the community was that interested in a working group 9 or cooperative discussions, but it sounds like that did 10 shift at these -- at your most recent RAC meeting, so is 11 that -- am I hearing that correctly? And I do know Fish 12 and Wildlife has done a tremendous amount of work at the 13 community, too. 14 15 MS. ENTSMINGER: I believe it's a 16 reluctance, but if it's going to be opened, they'd like 17 to have some hand in things. And I think the -- what's 18 missing I believe in these RACs in these communities, is 19 it might be a lot of interaction that's done -- this one 20 particularly has been done through the Service up there, 21 and it just needs to be the people feel like they're 22 being cooperated with. And I specifically asked several 23 of the people testifying about, you know, we have to go 24 by these laws, are you guys willing to talk to us about 25 it, and they have a -- the leader's -- she was reluctant 26 to say that on the record, but as I pushed her, she 27 finally said that they would talk to their people, and, 28 yes, they would consider doing that. 29 30 MR. EDWARDS: Sue, you know, given to 31 what you said, I think we all recognize for the folks up 32 there, this is a very sensitive issue, and we certainly 33 heard that when we did open this area. But it seems that 34 given that a lot of the concerns that we heard, and it 35 seemed that you heard, seemed to have less to do with the 36 actual harvest of the sheep, but more the increase of 37 presence of folks up there, the trespassing that occurs, 38 the litter, and all the things that can occur when you 39 have people come into a land that's not their home, so to 40 speak. And if that is sort of the heart of it, what 41 would you kind of visualize might come out of this 42 working group to kind of address those kinds of problems? 43 And are those really addressable given that, you know, 44 the lack of jurisdiction on -- you know, certainly 45 trespassing is a serious issue and needs to be addressed, 46 but, you know, it's not within the purview of this Board, 47 for example, you know, to address those kind of issues. 48 49 MS. ENTSMINGER: I will say it's hard for 50 me to speak for them, but I'll do the best I can. I

1 believe that once you -- if you want to work with people, 2 and you reach out to them like the Fish and Wildlife Service is doing now, then you start to gain respect from 3 4 the people, and I think gaining respect, they're more 5 likely to -- and then to understand. A lot of times the 6 people don't really understand these regulations. 7 They're doing the best they can, but they don't really 8 understand them. And this outreach to me is important. 9 And you might even have them on your side when you're 10 finished. 11 12 CHAIRMAN FLEAGLE: Any other questions, 13 Board members, for the RAC's presentation. 14 15 (No comments) 16 17 CHAIRMAN FLEAGLE: Vince, did you have 18 something to add? 19 20 MR. MATHEWS: Yes, Mr. Chairman. The 21 representative for North Slope's not here, and would like 22 to get that on the record what the North Slope Regional 23 Council did, if that's okay. 2.4 CHAIRMAN FLEAGLE: You bet. Thanks. 25 26 MR. MATHEWS: Okay. Mr. Chair. The 27 28 North Slope opposes Proposal 56. Their justification is 29 they said there was no evidence that this action would 30 not impact the villages. For each village the resource 31 needs to be assessed to insure subsistence users' needs 32 are being met. The population is so small, it would not 33 support harvest by commercial and sport hunters. So 34 North Slope opposes this proposal. 35 36 CHAIRMAN FLEAGLE: Thank you, Vince. 37 Alaska Department of Fish and Game comments. 38 39 MR. REAKOFF: Mr. Chairman. 40 41 CHAIRMAN FLEAGLE: Terry Haynes. 42 43 MR. REAKOFF: Mr. Chairman. 44 45 CHAIRMAN FLEAGLE: Jack Reakoff. Excuse 46 me, Terry, I'll back up here. Jack, please. 47 48 MR. REAKOFF: I live in the Brooks Range, 49 have hunted in the Brooks Range since I was seven years 50 old, and also, like Sue, have observed sheep. And Mr.

1 Heimer's data comes from the Alaska Range where there's a 2 more uniform horn growth of those populations there. The 3 Brooks Range and especially the south slope of the Brooks 4 Range is impacted by deep snow falls and the body size of 5 sheep on the south slope of the Brooks Range are larger 6 than the north slope populations. There's usually 7 typically two or three horn styles in each block of 8 hills, which is vastly different than Heimer's data 9 reflects. The faster growing sheep in the population are 10 killed first, and the slower -- there's usually a sub-11 dominant horn style that's killed last. 12 13 The problem with full extirpation of 14 full-curl sheep is you kill all of the best genetics out 15 of the population first, and you retain the poorer 16 genetics over time. 17 18 I've observed sheep when they're evading 19 wolves, and large rams, they do two things. They have 20 range knowledge, and they also lead in those breeding 21 aggregates when there's deep snow. They stay with the 22 ewes or most of the winter. When the wolves show up, the 23 big rams start bailing out of there, and they're breaking 24 trail for all the young rams and all the ewes, so they 25 help evade predators also, to meet escape terrain. 26 27 And so those factors have to be 28 deliberated by this Board. If this population is going 29 to be highly targeted, and full extirpation ensues, there 30 will be a degradation of the genetic stocks. 31 This issue came before the '02 Game Board 32 33 and was not received, but there's been no genetic 34 understanding of the Brooks Range populations, and so 35 large body size is integral to maintaining those 36 populations. And I wanted to have those inputs. 37 38 Thank you. 39 CHAIRMAN FLEAGLE: We appreciate that, 40 41 Jack. George. 42 43 MR. OVIATT: I'm sorry. I have a 44 question. I was wondering what -- before the closure 45 happened, what the history of hunting in this area was. 46 Does anybody have that information? It might give us an 47 idea of what it might be in the future. 48 49 CHAIRMAN FLEAGLE: Let me just move 50 through the -- can you hang onto that question until we

1 get down to the Board discussion? We're still moving 2 through the testimony portion. And I'd like to get 3 through that. But that's a good question to ask when we 4 start getting into the discussion. 5 6 And I'm going to turn it over to Terry 7 Haynes for the Department of Fish and Game comments. 8 Terry. 9 10 MR. HAYNES: Thank you, Mr. Chairman. Οn 11 line for the Department, Beth Leonard is the new area 12 biologist for the area that includes the Arctic Village 13 Sheep Management Area. She replaced Bob Stephenson who 14 has been the area biologist there for a number of years. 15 They're both available to answer questions. And Bob can 16 probably provide some historical information on sheep 17 hunting in that area when we get to that point in your 18 deliberations. 19 20 I'm going to summarized our more detailed 21 written comments. The Department supports this proposal 22 consistent with the reasons expressed in the 23 justification on Page 537 of the Staff analysis, and with 24 the information that was posted on your screen earlier 25 during the presentation. Retaining the existing closure 26 of the Red Sheep and Cane Creek drainages to non-27 Federally-qualified hunters is not necessary for any of 28 the following reasons authorized by ANILCA: for the 29 conservation of sheep, to provide subsistence 30 opportunities for Federally-qualified rural residents on 31 Federal land, for public safety, administration, or 32 pursuant to other applicable law. Without justification 33 to retain the closure of this area to non-Federally-34 qualified hunters, there is no reason to maintain the 35 closure. 36 37 The Department is sensitive to concerns 38 regarding possible trespass and transporter problems that 39 were raised by local Arctic Village residents during 40 public testimony at the Federal Board meeting last year. 41 To address those concerns, the Department worked very 42 closely with Fish and Wildlife Service Staff and in 43 consultation with Arctic Village representatives to 44 produce a map and brochure that served as a land status 45 map and reminds transporters and hunters to be respectful 46 of private property and the natural resources. This 47 brochure helped to ensure a successful, albeit temporary 48 hunt in 2006 that to the best of our knowledge resulted 49 in no trespass situations or other conflicts with Arctic 50 Village residents.

1 Assuming these area is reopened to 2 hunting, and this closure is lifted, the Department fully 3 intends to again consult with the Fish and Wildlife 4 Service and with local representatives and Arctic Village 5 to refine or update the brochure as needed prior to the 6 next hunting season. 7 8 And we will be happy to try to answer 9 questions if you have any, Mr. Chairman. 10 11 Thank you 12 13 CHAIRMAN FLEAGLE: Questions. Excuse me. 14 15 (No comments) 16 17 CHAIRMAN FLEAGLE: Terry, I have a 18 question. Just reading the proposed language there, 19 we're only dealing with the Arctic Village Sheep 20 Management Area, so if the Federal regulation were to 21 remove the Red Sheep Creek and Cane Creek portions of 22 that from the closed area, where would that move to the 23 State regulation? Which one of those -- we have two 24 options there, Unit 25A east of the middle fork or -- can 25 you just tell me where -- what portion of the State regs 26 would apply if this were -- if this area were removed? 27 28 MR. HAYNES: Mr. Chairman. You're 29 looking at the State regulations and wondering which 30 piece of the State regulations would be affected by this? 31 32 MS. GOTTLIEB: Mr. Chair. 33 34 CHAIRMAN FLEAGLE: Judy. 35 36 MS. GOTTLIEB: Maybe I can help, because 37 I was just having the same question myself. The way I 38 understand it now, if you look to the right at those --39 at the dates, we're just talking about the -- excuse me, 40 let me start again. Right now on our books is the 41 regulation where the drainages are closed to non-42 Federally-qualified users. If by adding that language in 43 bold, that opens that particular area to State hunting 44 during those particular times. And then if you drop down 45 to just the Unit 25A description just below on Page 532, 46 that's what would be applicable from August 10th to 47 September 20th, the one full-curl ram. 48 49 CHAIRMAN FLEAGLE: I read that, but I 50 don't see where the -- the middle fork of the Chandalar.

So basically it would read 25A, east of the middle fork 1 2 Chandalar, residents, one ram with full-curl or larger harvest; or three sheep available by permit. Both hunts 3 4 would apply? 5 6 MR. HAYNES: Mr. Chairman. Only the fall 7 season was opened under the temporary special action last 8 year. And I guess it's a question of which proposal is 9 actually on the table at this point. We've got 10 recommendations to defer and so that's one issue you'll 11 need to address in your deliberations what type of a 12 season we're looking for. But the special action request 13 last year lifted the closure in the Red Sheep and Cane 14 Creek drainages only for the fall season, early fall 15 season. 16 17 CHAIRMAN FLEAGLE: Okay. Thanks, Terry. 18 That was a piece of information I didn't absorb during 19 the presentation. I obviously wasn't here when that 20 action was taken, so that clarifies it. Thank you. 21 22 Other questions for the State. Yeah, 23 Mike Quinn, go ahead. 2.4 25 MR. QUINN: Okay. Mike Quinn, Seward 26 Peninsula RAC. 27 I'm just curious, of the seven sheep that 28 29 were harvested, exactly which of those two drainages did 30 they come from, and the information here shows some sort 31 of landing strip in Red Sheep Creek. So I'm curious as 32 to what -- how access is in the rest of the area. I see 33 from the scale on the one map here, both drainages look 34 like they're about 20 miles long. Does that one airstrip 35 allow really good access to the whole rest of the area, 36 or is access limiting most of the hunting to around that 37 airstrip. Maybe either Refuge or State Staff on line 38 could comment on that. 39 40 CHAIRMAN FLEAGLE: Terry. 41 42 MR. HAYNES: Mr. Chairman. Maybe I could 43 ask Bob Stephenson and Beth Leonard to see if they could 44 respond to that question. 45 46 MR. STEPHENSON: Mr. Chairman, this is 47 Bob Stephenson. 48 49 I think on the map that we developed and 50 included in our brochure last fall, we show there are a

1 couple other airstrips aside from the larger one near the 2 mouth of Red Sheep Creek. And they're Super Cub 3 airstrips. There are not many of them, but there were a 4 couple others in addition to that main airstrip. And 5 sheep hunters are often willing to walk quite a ways, but 6 I would imagine the hunting is a little big concentrated 7 near those airstrips, and maybe some of the really higher 8 country toward the Continental Divide, the farthest from 9 the east fork, might get a little bit less hunting than 10 lower down. But those drainages aren't that big. But we 11 don't know exactly, but there are a couple additional 12 access points. 13 14 MR. QUINN: And of the seven harvested 15 sheep, you know, were they all in one drainage, were they 16 divided between the two? 17 18 MR. STEPHENSON: Mr. Chairman. I think 19 Beth Leonard here has the harvest data, and we'll check 20 here real quick, see what we an tell. 21 MS. ENTSMINGER: Mr. Chair. While he's 22 23 checking, is this the time..... 2.4 25 MS. LEONARD: This is Beth Leonard. And 26 most of the harvest was -- it just says Red Sheep Creek. 27 Most of it occurred in Red Sheep Creek. 28 29 CHAIRMAN FLEAGLE: Thanks, Beth. Sue, 30 did you have..... 31 MS. ENTSMINGER: Yeah. Is this the time 32 33 to ask all these questions for us Council members, or 34 should we wait until deliberation, because I've been 35 holding back. 36 37 CHAIRMAN FLEAGLE: I'm confused, too. Ι 38 thought we would do all of this under Board discussion 39 with Council Chairs and State liaison. But I have the 40 State up here with their discussion, and I opened it up 41 to Board members for questions, and I got a RAC member. 42 So I recognized him out of deference. 43 44 MS. ENTSMINGER: Am I recognized or not? 45 46 CHAIRMAN FLEAGLE: Do you want to ask the 47 State a question? 48 49 MS. ENTSMINGER: I would love to, but I 50 just don't think it's appropriate right now, because it's 1 going to be -- come all up in deliberation. So it's up to you, Mr. Chair. 2 3 4 CHAIRMAN FLEAGLE: They're on the table 5 to answer questions right now, if you want to go ahead 6 and ask it. 7 8 MS. ENTSMINGER: Okay. I have the two 9 State biologists on line, and I would like to ask, of 188 10 sheep observed, was the State involved in that survey at 11 all? 12 13 MR. STEPHENSON: Ma'am, no, we were not. 14 MS. ENTSMINGER: And then another 15 16 question. Knowing what I do of sheep, when I hear this 17 figure of 18 mature rams, is there someone in the State 18 or these biologists can tell me that -- I mean, we can't 19 hang our hat on 18. It could be more based on the survey 20 results. I mean, when you're flying surveys, you're not 21 seeing every sheep out there. Again, I'm asking this to 22 the -- all the biologists, either the people that did the 23 survey or the State. 2.4 25 MS. WERTZ: Ma'am, this is Tara Wertz 26 from the Refuge. If I understood your question right, 27 you're asking if we saw all the rams, if that 18 was a 28 solid number or not. Is that correct? 29 30 MS. ENTSMINGER: No, that's not what I'm 31 asking. I'm asking you if you recognize that you don't 32 see every sheep when you're flying? 33 34 MS. WERTZ: Yes, ma'am, I've already 35 stated that we know this is a minimum count, that we are 36 100 percent sure that we did not count all of the sheep. 37 38 MS. ENTSMINGER: So your 18 sheep that 39 you're saying mature rams, are you calling them full-curl 40 or not? All full-curl? 41 MS. WERTZ: No, we decided to be on the 42 43 safe side and just put the three-quarter-curls or larger 44 in one group, because it is extremely difficult to count 45 sheep, or to identify full-curl and three-quarter-curl 46 from a Super Cub aircraft. 47 48 MS. ENTSMINGER: Yeah, I understand that. 49 It's hard to see which is a male and a female sometimes 50 of young sheep when you're on the ground.

1 And I guess what -- does -- do you have, 2 and I know Wayne had this, but I don't know exactly what the data shows, but of 188 sheep counted, I think there 3 4 would normally be more than 18 available. What I'm 5 trying to get at is hanging your hat on that 18 are 6 mature might be a little restrictive. 7 8 MR. W. ADAMS: Wayne Adams. Maybe I can 9 step in here and provide some perspective. 10 11 One of the major objectives of the work 12 we did in Northwestern Alaska was to actually evaluate 13 aerial survey techniques, and we did it over a marked 14 population of sheep. And out there under relatively 15 similar survey conditions using Super Cubs, we figured 16 over the course of this three-year project that we saw 17 about 88 percent of the sheep in our study area based on, 18 you know, the marked animals that were within the units 19 we were counting. 20 21 Now, a key thing about that is that the 22 sheep that we missed, it's largely dependent on group 23 size, and just to give you an example, for groups that 24 were 10 sheep, we had about a 90 percent probability of 25 picking those groups up, and anything larger than that, 26 you know, the probability of seeing those groups got 27 bigger. For small groups, a group of one lone sheep, we 28 had about 60 percent chance of seeing those. So I think 29 there's certainly some potential that -- well, you know, 30 there definitely were sheep missed in the course of this 31 survey. I would hang my hat on that. And the 32 preponderance of those would be sheep that were in 33 relatively small groups, ones, twos and threes, which are 34 -- which tend to be, you know, large rams. 35 36 CHAIRMAN FLEAGLE: Other questions to the 37 State's testimony. 38 39 (No comments) 40 CHAIRMAN FLEAGLE: All right. Hearing 41 42 none, InterAgency Staff Committee comments. 43 MR. BUKLIS: Mr. Chairman. The 44 45 InterAgency Staff Committee comments can be found on Page 46 538, and as we noted yesterday, there was an error in 47 book production, and the last two paragraphs were 48 omitted, and so we have a supplemental sheet in your 49 folders, and more at the back table for the public. And 50 that includes the final two paragraphs. We have a page

538a and b for the record. I'll highlight the main 1 2 points. 3 The Staff Committee found that the 4 5 Eastern Interior Council recommendation to defer the 6 proposal and establish a working group to develop harvest 7 recommendations may not be consistent with provisions in 8 Section .815(3) of ANILCA in that a deferral of the 9 proposal would continue the pre-2006 restriction on non-10 subsistence taking of sheep in the drainages of Red Sheep 11 Creek and Cane Creek without substantial evidence that 12 such restriction is necessary for the conservation of a 13 healthy sheep population or to continue subsistence uses 14 of sheep in the area. 15 16 The Staff Committee reviewed the special 17 action WSA06-03 from 2006 in which the Board determined 18 that a closure of these drainages to non-subsistence 19 sheep hunting was no longer necessary for conservation or 20 subsistence use reasons. The Board's review of available 21 biological and subsistence use information in 2006 and 22 the Staff analysis for this proposal, WP07-56, indicate 23 that the sheep population in these drainages is healthy, 24 albeit at a low density, and is capable of supporting 25 harvest of rams under current Federal and State 26 regulations for the fall season. 27 28 Additionally, little reported subsistence 29 harvest has occurred over the past 11 years while the 30 closure to non-subsistence hunting was in effect. 31 Subsistence hunters have the benefit of a long season, 32 August 10th to April 30th, and a more liberal ram harvest 33 limit than is provided under the State's non-subsistence 34 regulations. 35 36 No new information has been presented in 37 the Staff analysis or in testimony to substantiate an 38 alleged adverse effects of non-subsistence hunting on the 39 sheep population or on subsistence hunting opportunity. 40 41 The Staff Committee reviewed the 42 biological and 2006 harvest information presented in the 43 analysis and considered whether the reported harvest of 44 rams combined with possible unreported harvest and 45 natural mortality constitutes a sufficient conservation 46 concern to warrant continuation of the closure to non-47 subsistence hunting. The written comments go on into 48 some detail about these biological considerations, and 49 concludes, based on the available information, the 2006 50 harvest of rams from the two drainages does not threaten

1 the health of the sheep population. 2 3 And then the paragraphs that were omitted 4 from the bound book. 5 6 The Regional Council heard testimony from 7 Arctic Village residents requesting that the closure of 8 Red Sheep Creek and Cane Creek to non-subsistence hunters 9 remain in effect. This testimony reiterated the concerns 10 previously voiced by village representatives at Federal 11 Subsistence Board meetings in 1995 when these drainages 12 were first closed to non-subsistence hunting, and in 2006 13 when the Board determined that a continuation of the 14 closure for the fall season in 2006 was not necessary to 15 continue subsistence use. 16 17 Although the Council's recommendation to 18 establish a working group to develop harvest 19 recommendations could help improved information exchange 20 and dialogue among affected interests, Arctic Village 21 residents who testified at the Council meeting were 22 strongly opposed to any relaxation of the closure to non-23 subsistence hunting, and it was not clear from the 24 testimony that they would support or participate in such 25 a working group. 26 For the fall non-subsistence hunt in 27 28 2006, the State and Federal agencies prepared 29 informational material for prospective hunters and 30 transporters to make them aware of villagers' concerns 31 regarding trespass and littering. The Arctic Refuge 32 Staff and State managers are sensitive to these and other 33 concerns of Arctic Village residents. If the proposal is 34 adopted, the agencies will continue to monitor the sheep 35 population and hunting effort in the area and provide 36 informational outreach to the public. 37 38 Mr. Chairman. That concludes my synopsis 39 of the Staff Committee comments. 40 CHAIRMAN FLEAGLE: Questions, Board 41 42 members. 43 44 (No comments) 45 46 CHAIRMAN FLEAGLE: All right. Excuse me. 47 Under discussion. Just a question, Keith, for you. Ι 48 was just looking through the regulations 100.19 that 49 speak about special action requests and looking for time 50 lines, and I found a couple of different references, and

1 emergency action shall be effective, but may not exceed 2 60 days, and then a temporary action shall be confined to the minimum of time period or harvest limit determined by 3 4 the Board, will not extend beyond the regulatory year. 5 6 Is that the one we're operating under? 7 So if we don't do anything here, that special action that 8 was taken by the Board disappears, correct? 9 10 MR. GOLTZ: I believe that's correct. 11 12 CHAIRMAN FLEAGLE: And that was the point 13 made by the InterAgency Staff Committee, that if we 14 simply defer this proposal, we go back to square one, 15 which is closed to all non-Federally-qualified users. 16 17 MR. GOLTZ: That's correct. 18 19 CHAIRMAN FLEAGLE: All right. So that 20 question is clear. 21 MR. GOLTZ: Yes, that's correct. 22 23 2.4 CHAIRMAN FLEAGLE: Okay. That's all I 25 needed to get clarified. 26 27 Discussion among Board members. Gary. 28 29 MR. EDWARDS: Mr. Chairman, and it might 30 help a little bit, because, you know, we have spoke 31 several times again about the concern of Arctic Village. 32 Maybe Richard Voss could share a little bit with the 33 Board some of the things that they did last year and what 34 they might be planning to do this year assuming that if 35 this -- if we continue the hunt to try to address some of 36 the concerns of the folks up there. 37 38 Richard, could you do that for us, 39 please? 40 41 MR. VOSS: Well, basically we worked in 42 cooperation with the State on putting together news 43 releases and flyers and maps and distributing them to the 44 hunting public, and also to the people in the villages, 45 also to air taxi operators, and just hunters in general. 46 I also talked with one commercial guide that has some of 47 the Red Sheep Creek area in his area. So we outreached 48 the program basically, what was going on. 49 50 MR. EDWARDS: What about -- assuming that

1 this -- if this hunt continues, the same type of actions 2 for this year, or would you look at some other options, 3 or what? 4 5 MR. VOSS: Well, certainly the commercial 6 guide in the area says that he didn't plan on conducting 7 commercial operations in the area until he worked with 8 the village and agreeing with what -- on how to conduct 9 his business in the area. 10 11 MR. EDWARDS: So most of the out -- so if 12 I'm correct.... 13 14 MR. VOSS: With the village, where we go 15 over the reports and the surveys that we conduct and 16 possible public use and biological surveys. We're 17 planning on continuing the biological surveys over the 18 next couple years in the Red Sheep Creek area, and we're 19 conducting another public use monitoring effort in Red 20 Sheep Creek again this fall. 21 22 As we would respond that we've conducted, 23 let's see, I believe it was six law enforcement patrols 24 in the area last year. We have that same effort outlined 25 this year also. So it's a combination of outreach, law 26 enforcement, communication with the people in the 27 villages and the general hunters, and working with the 28 State to document what's going on and how it changes. 29 30 I do -- I would think there would be more 31 hunters in the next season versus what happened last year 32 since it was a small announcement and the period between 33 the announcement and the hunting was small. I would 34 think based on the phone calls that we receive, there 35 would be more interest in the area, whether they go out 36 or not. 37 38 CHAIRMAN FLEAGLE: Is that good, Gary? 39 40 MR. EDWARDS: Yes, sir. 41 42 CHAIRMAN FLEAGLE: Wini. 43 44 MS. KESSLER: I'd like to take a question 45 I addressed to the sheep experts on the phone and now 46 address it to the sheep experts in the room, Jack and 47 Sue. What do you think about the results of the 2006 48 hunt following the special action, and if that pattern 49 were to not only remain the same, but actually it may 50 increase with more word out about the hunt, and more

1 interest in that type of thing. I'd like to ask your 2 opinions on that. Do you have concerns? 3 4 CHAIRMAN FLEAGLE: Sue. 5 6 MS. ENTSMINGER: Yeah, thank you, Mr. 7 Chair. One of the first things I have thought about is 8 the information provided here that there was two non-9 residents and they was not guided by the guide that has 10 the area. So how were they guided? I can't understand 11 why we don't have that information. The State should 12 have that, because that would be -- if they did not hunt 13 with a guide and there was two non-resi -- they would 14 have had to have hunted with a second degree of kindred, 15 otherwise they weren't hunting properly. It was illegal. 16 17 Yeah, I imagine that -- it's my 18 understanding that the guide in the area, from what 19 Richard had told us here, he is reluctant to hunt there, 20 because he's working with the village. This is what I 21 was told. He's working with the village. He's only 22 going to hunt there when the village would agree to this. 23 So that is a good thing. 2.4 25 But I would have to ask the State to 26 answer your question. Was that a registration hunt or 27 was it not? 28 29 CHAIRMAN FLEAGLE: Terry Haynes. 30 31 MS. ENTSMINGER: Because that was opened, 32 you know, as an emergency, so -- or whatever we did, 33 whatever you call it. So you would have had the old 34 regulations, right? 35 36 MR. HAYNES: Through the Chair. Sue, no, 37 it was not a registration hunt, but the State regulations 38 specify that there may be Federal restrictions that apply 39 to these hunts. And typically in these cases we try to 40 ensure that people come into the office to get 41 information and harvest tickets and other paperwork for 42 hunts, are well-informed about the circumstances for the 43 hunt. But they did not have to obtain registration 44 permits for this hunt. 45 46 MS. ENTSMINGER: I guess the only concern 47 I would have is if you are a resident of Alaska and you 48 just pick up the book and you start reading regulations, 49 and you don't even know what has transpired here, you 50 would say, oh, there's a sheep season here, I'm going

1 hunting there. So without a registration hunt, and what 2 they've done here seems rather highly expensive, but they 3 could do more, which is not our jurisdiction, it's State 4 jurisdiction, to have a registration hunt, and then maybe 5 have a clearer handle what's going on up there. 6 7 Does that help? I could probably say 8 more. 9 10 MS. KESSLER: Yeah, that helps, thanks. 11 12 CHAIRMAN FLEAGLE: Jack. 13 14 MR. REAKOFF: Through the Chair. I don't 15 consider three-quarter-curl rams as adult rams. Those 16 sheep would be probably around the age class of four to 17 five years old. Adult rams are eight years old. And so 18 the full-curl sheep that were harvested in that -- almost 19 twice the age of some of those sheep that were counted as 20 in larger rams. Even though they may not have had the 21 sightability, they did have experienced crew, and so they 22 -- and the Chandalar surveys, and some of those surveys 23 in the Brooks Range, they've been having fairly good 24 success on sighting most of the sheep. And it depends on 25 the conditions they have. 26 27 I would just proceed with caution. This 28 has focused a spotlight on this area. The Red Sheep is a 29 good landing area, and a lot of people know about it. 30 That's why it became such an issue with the people there 31 at Arctic Village, and so I would proceed with caution on 32 monitoring that harvest. 33 34 And I don't consider harvesting for 35 subsistence sub-legal sheep incidental to where people 36 find them as being nearly as detrimental to the genetic 37 stocks than if the ram -- it's like wolves, they harvest, 38 they eat animals randomly. You can do genetics, I've got 39 a study laying in front of me here that I carry in my 40 brief on how they've -- on the full extirpation in an 41 area in Canada where they reduced the sheep size by 42 almost one-third, 20 to 30 percent in horn length and 43 body size under full extirpation, so I would be -- if you 44 want to maintain natural populations or healthy 45 populations of sheep, I would proceed with caution with 46 this highlighted area. And that would be my comment. 47 48 Thank you. 49 50 CHAIRMAN FLEAGLE: Time for a break, 10

1 minutes. 2 3 (Off record) 4 5 (On record) 6 7 CHAIRMAN FLEAGLE: All right. We're back 8 on record. I just want to -- before we resume discussion 9 and potential deliberation on the issue, I just want to 10 raise up to the Board that of the proposals before us, as 11 of noon the Board accomplished, took action on 11 leaving 12 us with 19. So basically at our half-way point, we were 13 a third done. And now we're spending most of our 14 afternoon on one proposal. I'd just remind the Board 15 that in addition to this proposal and the other 18 we 16 have to deal with, we have an RFR and we have until 17 tomorrow. So I'd like to just see if we can maybe 18 summarize our comments or get to our points a little 19 quicker. A lot of the data that's being discussed is 20 already in the record in written form. I do anticipate 21 that we'll probably have to come back after the dinner 22 break and work for a couple of hours just to kind of get 23 caught up to ensure that we're finished by tomorrow. 2.4 25 And with that, Pete, do you have a 26 comment? 27 28 MR. PROBASCO: Yeah, Mr. Chair. Just 29 maybe you want to add a little incentive, too, that we do 30 have this room all day and all night if we need to meet. 31 So please keep that in mind. 32 33 Mr. Chair. 34 35 CHAIRMAN FLEAGLE: Will they bring 36 breakfast in? 37 38 MR. PROBASCO: I'll have to ask Gary on 39 that one. 40 41 CHAIRMAN FLEAGLE: With that, let's go 42 ahead and resume. We're still under the Board discussion 43 portion. Gary. 44 45 MR. EDWARDS: Mr. Chairman. And I won't 46 try to drag this on, but Tara, I did have one question, 47 maybe we needed to clarify. In response to the question 48 about the survey, I think you had indicated that you 49 included three-quarter-curl rams in the survey, but in 50 reviewing the report from the survey, it says that we
1 chose to use a more conservative method in which rams 2 were classified as mature or other, and we acknowledge 3 that mature rams included those with full-curl horns as 4 well as large bodied rams having horns with massive bases 5 and horns tipped pointed upwards, but less than full-6 curl. With the horn tips pointed upward, wouldn't that 7 imply something more than a three-quarter, closer to 8 seven-eighths, and not really picking up a lot of three-9 quarter inch rams? 10 11 MS. WERTZ: Well, we weren't really sure 12 how to explain it in our report, but be assured that 13 those are three-quarter-curl and full-curl rams. And you 14 could assume from most other sheep populations even the 15 composition we've done on the refuge in other areas, like 16 the Hulahula, the majority of those would be three-17 quarter-curl rams, not full-curl rams. 18 19 CHAIRMAN FLEAGLE: Other discussion. 20 21 MS. KESSLER: Mr. Chair 22 23 CHAIRMAN FLEAGLE: Wini. 2.4 25 MS. KESSLER: I suppose one of the things 26 that really influences me here is the stated objective 27 for management as on Page 532. The current ADF&G 28 management objectives for Unit 25A sheep population are 29 to manage for full-curl or larger horned rams and for 30 population growth. And that I think is the crux of my 31 concern here about whether what we've seen so far on this 32 trial basis would allow us to do that, manage for 33 population growth. 34 35 So maybe I'll address a question to the 36 State. Assuming the closure were removed or perhaps what 37 I think in the best world deferred so that some kind of a 38 working group might be able to act on it, how would the 39 State go about managing the level of the hunt? Some sort 40 of a quota, limited entry? I mean, what are the 41 possibilities there? What is the State thinking about 42 that? 43 44 CHAIRMAN FLEAGLE: Beth, can you answer 45 that? 46 47 MS. LEONARD: Yes. This is Beth Leonard. 48 As of right now, if we manage it at full-curl, which 49 would be the regulation, then there isn't a biological 50 concern. And then from there it would go if there are

1 different groups of people to propose, if they wanted 2 like a drawing hunt or something like that, then it would 3 go to our Board of Game and that becomes an allocation 4 issue, and then that is up to the Board of Game under 5 that circumstance. 6 7 So initially it would be the fall season, 8 August 10th through September 20th for full-curl rams. 9 10 MR. EDWARDS: And, Beth, this is..... 11 12 MR. STEPHENSON: And if I could add 13 something. This is Bob Stephenson. 14 Just for a perspective, we have this, the 15 16 full-curl season throughout the eastern Brooks Range and 17 much of the rest of Alaska, and we don't have, you know, 18 any need or see any great need to try to limit harvest 19 beyond that unless we want to do something like we do in 20 the Tok Management Area, which is manage for even larger 21 trophy sheep. And there we do limit participation. And 22 that could be done here, but from the standpoint of, you 23 know, just minimizing effects on population dynamics, a 24 full-curl season is already a conservative tool 25 26 In much of the eastern Brook Range we 27 find -- you know, and if we look around the state, when 28 we do these sheep surveys during the summer, we'll find 29 two to four percent of the population is comprised of 30 legal rams. In this case, when the Service did the 31 survey last summer, it was a little bit higher than that, 32 which I think we could expect based on the fact that it 33 wasn't hunted for several years. So the hunting is 34 limited to affecting that small percentage of the 35 population. 36 37 You know, Mr. Reakoff has some concerns 38 about genetics, that we can sure try to figure out and 39 address, but it's kind of a self-limiting situation with 40 the full-curl limit for male sheep only. 41 42 MS. KESSLER: Follow up with a question? 43 44 CHAIRMAN FLEAGLE: Sure. Go ahead, Wini. 45 46 MS. KESSLER: So are there other units 47 where roughly 50 percent of the large, mature rams are 48 hunted on a yearly basis or taken? 49 50 MR. STEPHENSON: Did you say where six

1 percent? 2 3 MS. KESSLER: Roughly 50 percent. 4 5 MR. STEPHENSON: Oh, 50 percent. I would 6 imagine so. I don't think that's high. It's just that 7 the proportion of the population that was older rams in 8 this case was higher than we normally see, and I suspect 9 that was because it was closed for several years to -- at 10 least to general hunting, full-curl hunting. But there 11 are places, for example, in western 25A in the upper 12 Chandalar area where there's a nice sheep population. 13 It's mostly State and BLM and private land. The guiding 14 activity is very heavy, because it isn't regulated, and 15 it's not something we're happy with, but that's part of 16 the -- what happened when the State Guide Board was 17 dismantled years ago. Now they're trying to put it back 18 together. 19 20 But even there we see like three and half 21 percent full-curl rams in our summer surveys, and it's a 22 very heavily hunted area. I think the harvest there is 23 about -- I think it's about 30 rams a years, 35, and we 24 still the next summer we'll find 40 to 50 rams, something 25 like that. So they -- even though, you know, the 26 hunting's heavy, they don't get all of them, and then 27 they're growing right back into that age group by the 28 next hunting season. 29 30 So as I said, it's pretty self-limiting. 31 It's a conservative -- it's like a 50-inch, four brow 32 tine moose harvest -- or antler restriction. It really 33 constrains the harvest, or limits the harvest to a small 34 segment of the population. 35 36 And these sheep populations are 37 controlled by predation and weather. Wolf predations is 38 important. Golden eagles take a lot of lambs. Spring 39 weather and winter weather have a large effect on lamb 40 production and survival, and adult survival of older 41 adults. 42 43 So this little harvest of -- I know Beth 44 has clarification on the harvest, but of a relatively 45 small number of adult rams, has a very small effect on 46 the population. And I know some of the rams that were 47 taken this year were quite old. Their teeth were worn 48 down, and it would probably be their last year anyway. 49 50 So anyway I hope that clarifies things.

1 MS. KESSLER: Thank you. 2 3 CHAIRMAN FLEAGLE: Other discussion. 4 George. 5 6 MR. OVIATT: Thank you, Mr. Chairman. If 7 I can ask the question that I asked before, if somebody could answer, what the pressure or hunt that was put on 8 9 prior to the closure. How many people were hunting in 10 this area? Does anybody have that answer? Prior to the 11 closure. 12 13 CHAIRMAN FLEAGLE: Terry Haynes. 14 15 MR. HAYNES: Mr. Chairman. Are you 16 talking about under the -- the area was only open under 17 Federal regulations between like '93 and last year. 18 And.... 19 20 MS. LEONARD: Mr. Chairman. Beth 21 Leonard. I have some information. 22 MR. HAYNES: Oh, I'll defer to Beth, but 23 24 I'll point out that the documentation of hunting in the 25 Red Sheep and Cane Creek areas was almost nil. 26 CHAIRMAN FLEAGLE: Beth. 27 28 29 MS. LEONARD: Thank you, Mr. Chair. I 30 have some information on the number of sheep harvested, 31 and it depends on how you look at it. If you look at all 32 of the Arctic Village Sheep Management Area, the highest 33 in one year was 18, but in most years it was below 10, 34 and within Red Sheep and Cane Creek, it was more like 5 35 to 7 sheep that were harvested. And this was in the late 36 80s before the Arctic Village Sheep Management Area was 37 established. 38 39 MR. VOSS: Mr. Chairman. This is Richard 40 Voss from Arctic Refuge. 41 42 I would add that the public use 43 monitoring protocol we followed this time around was 44 similar to a similar observation period in 1997, and it's 45 in that report. But the numbers that we came up with 46 were pretty similar, too. There were 30 people observed 47 in '97. And it's true that these weren't all hunters. 48 These were just observations of the Red Sheep Creek. But 49 it matches the '97 data, the 2006 data. And that's 50 specifically in the Red Sheep Creek drainage.

1 CHAIRMAN FLEAGLE: Board members. 2 3 MR. LOHSE: Mr. Chair. 4 5 CHAIRMAN FLEAGLE: Ralph. 6 7 MR. LOHSE: I'd like to ask a question, 8 if I may. I was just wondering from some of the 9 biologists there, what is the average age of a full-curl 10 ram in the Brooks Range, and what is the average life 11 expectancy of a ram in the Brooks Range. 12 13 MR. STEPHENSON: Mr. Chairman. I don't 14 know particularly. We would have to do some analysis. I 15 think we've got those numbers in our data base and could 16 run some, you know, statistics on them, but the full-curl 17 rams are in the 7 or 8-year-old minimum, and then they go 18 up to 10, 11, 12, and they usually are disappearing by 19 that age. So they'd be in that range. It's not too 20 different than other places. They may be a little slower 21 growing than the Chugach Mountains or the Wrangells, I'm 22 not sure, because it's a shorter growing season, but 23 that's roughly the situation. But we could -- to get 24 averages, we rely on hunters usually to age sheep. 25 26 Does that answer your question. 27 28 MR. LOHSE: Yeah, pretty much. I was 29 just wondering what the life expectancy of the sheep were 30 after they reached full curl, how many years of breeding 31 they had. 32 33 MR. STEPHENSON: A few generally. It's 34 not too long and then they're getting stiff, and, you 35 know, depending on severity of winters, become more 36 vulnerable to wolves or whatever, and if you have a bad 37 winter, you can lose them. I think a really old sheep is 38 like 15 or 16 years. That's extremely old. 39 40 CHAIRMAN FLEAGLE: All right. Thank you, 41 Bob. 42 43 MS. ENTSMINGER: Mr. Chair. 44 45 CHAIRMAN FLEAGLE: We've got a lot of 46 information, and maybe we're going to get some more, but 47 we really need to get a motion and get moving here. Sue. 48 49 MS. ENTSMINGER: I wouldn't say it if I 50 didn't think it was important. I had asked the State

1 about the two non-residents, and from what he asked the 2 gal at break, do you want to speak to it? 3 4 CHAIRMAN FLEAGLE: Terry. 5 6 MR. HAYNES: Mr. Chairman. I think Beth 7 Leonard can respond to that question regarding the two out-of-state hunters who reported, who appeared to have 8 9 in the Arctic -- in the Red and Cane Creek drainages. 10 11 CHAIRMAN FLEAGLE: Beth Leonard. 12 13 MS. LEONARD: Thank you, Mr. Chair. At 14 the time that I was looking at the harvest tickets, I 15 didn't realize that the registered in the Arctic Village 16 Sheep Management Area had chosen not to take hunters. So 17 two of the harvest tickets show that they have a 18 registered guide, and their comments are east of Red 19 Sheep Creek. And the way we code our harvest 20 information, it includes part of that area, so I just 21 gave it the benefit of the doubt at the time and assumed 22 that it was in the Arctic Village Sheep Management area, 23 but it's likely it was just across from that airstrip, 24 and they were hunting outside of the Arctic Village Sheep 25 Management area. So if that's what happened, then we 26 would have two less sheep harvested in the Arctic Village 27 Sheep Management Area this year. 28 29 CHAIRMAN FLEAGLE: All right. So we're 30 talking about five sheep. 31 32 MS. LEONARD: Correct. 33 34 CHAIRMAN FLEAGLE: Board members. 35 36 MS. GOTTLIEB: Mr. Chair. 37 38 CHAIRMAN FLEAGLE: Gary. 39 40 MS. GOTTLIEB: Oh, go ahead, Gary. 41 42 MR. EDWARDS: No, go ahead. I'm going to 43 make a motion, so if you want to say something. 44 45 CHAIRMAN FLEAGLE: Judy. 46 47 MS. GOTTLIEB: I guess just one more 48 thought from past history, and, of course, it may not be 49 100 percent applicable, but just something we've done 50 before, this has to do with sheep over in Unit 23 in

1 northwest Alaska, and that was establishing a quota. You 2 know, if we're -- if some people are starting to have some conservation concerns, then a quota might be 3 4 something we incorporate into our further deliberations. 5 6 CHAIRMAN FLEAGLE: Garv. 7 8 MR. EDWARDS: Mr. Chairman. In order to 9 continue to move forward, I guess I'm prepared at this 10 time to make a motion. And I would move that we would 11 reject the Eastern Interior Regional Council's 12 recommendation on Proposal 56 and remove the closure of 13 Federal public lands to non-Federal-eligible sheep 14 hunters in the Red Sheep Creek and the Cane Creek 15 drainages in Unit 25A during the fall season. 16 17 We've heard an awful lot of testimony 18 today, both from the RAC, certainly from biologists from 19 USGS and the Fish and Wildlife Service as well as the 20 State. At least from what I heard, I think there's good 21 information out there that this hunt has not had an 22 impact on the population and continuation of it is not 23 expected to have any impact. And I don't feel that we've 24 gotten any new information that would lead one to believe 25 otherwise. You know, certainly our charge under ANILCA 26 is not to restrict non-subsistence users if we don't 27 have, you know, good reason to do so, particularly for 28 conservation purposes. I don't think we heard anything 29 today that would indicate that we would. 30 31 Certainly the idea that the Council had 32 of a working group, you know, that certainly might have 33 merit, but I guess I would say that that should not be 34 dependent upon whether we have a hunt or not. That's 35 certainly something that could take place regardless of 36 whether we have a hunt or not. I have a lot of 37 confidence in the Refuge is going to continue to work 38 with the folks in Arctic Village as best they can. And 39 we certainly heard that the State would be willing to do 40 so. 41 42 So, Mr. Chairman, that's my motion and my 43 rationale for such. 44 45 CHAIRMAN FLEAGLE: Right. Can you just 46 restate the motion itself and see if we get a second. 47 48 MR. EDWARDS: I move that we reject 49 Eastern Interior Regional Council's recommendation on 50 Proposal 56, and remove the closure on Federal public

1 lands to non-Federally-eligible sheep hunters in the Red 2 Sheep Creek and Cane Creek drainages in Unit 25A during the fall season. 3 4 5 MR. OVIATT: I'll second. 6 7 CHAIRMAN FLEAGLE: We've got a motion 8 that's seconded, and we did have the supporting 9 statements by Gary rolled into the motion. 10 11 Discussion, Board members. Wini. 12 13 MS. KESSLER: I share the goal behind 14 this proposal, which is the removal of restriction based 15 on absence of a conservation concern, but I cannot 16 support the lifting at this time knowing the intensity of 17 harvest on large and old rams that occurred following the 18 special action, and the likelihood of that intensity 19 increasing in subsequent years. For me it raises 20 conservation concerns, which could be resolved through 21 cooperative effort and consideration of options to limit 22 the harvest, and better insure its continued growth and 23 long-term sustainability. So I think lifting at this 24 time is premature, and I can't support that. 25 26 CHAIRMAN FLEAGLE: Other Board members. 27 28 (No comments) 29 30 CHAIRMAN FLEAGLE: I'd like to ask a 31 question of the State. One question that hadn't been 32 asked throughout the question and answer period there was 33 I know, having worked with the State system for so many 34 years, I'm confident that the State can manage its sheep 35 populations. They do, they do well. 36 37 There is an issue that was raised in the 38 discussion previous to this motion in that this is a 39 small area that has been closed, and w all know how 40 opportunistic hunters are. Once they learn of an 41 opening, they to tend to rush an area and that is a 42 possibility. Now, does the State have any -- other than 43 just relying on the small percentage of the population 44 that's full-curl or greater, is there any way that you 45 can watch that, monitor that and close it by EO to the 46 general hunt if you need to, and would that be an 47 intention given the concerns that have been raised here, 48 if it were necessary. 49 50 Ken Taylor.

1 MR. TAYLOR: Thank you, Mr. Chairman. 2 Yes, that is an option, and we would leave that to the 3 area biologists, to their discretion. I think all of our 4 area biologists are very conservation oriented, and are 5 not likely to allow an over-harvest to occur. 6 7 CHAIRMAN FLEAGLE: George. 8 MR. OVIATT: I'm not seeing a real 9 10 conservation reason to keep the area closed. From what 11 we've heard, I believe that the population of the sheep 12 herd is increasing and can support. And I'm encouraged 13 with what I just heard from the State, that they can 14 manage this area and will manage it. So I think I would 15 be supporting the opening. 16 17 CHAIRMAN FLEAGLE: Other Board members. 18 Judy. 19 20 MS. GOTTLIEB: Mr. Chairman. Well, I've 21 certainly heard and seen quite a bit of new information 22 from what we've had before, and appreciate especially the 23 outreach efforts that the Department and the Refuge have 24 done, because that is something this Board very strongly 25 requested not only -- well, a couple times last year, and 26 I think there was a great deal of follow-through. 27 28 I would feel better if there was a very 29 strong commitment. I think we heard it, but just to 30 verify for continued not only outreach efforts, but those 31 survey efforts, and keeping a close handle on the 32 harvest. I think that's important. 33 34 I guess I'd like to go back to my 35 suggestion of a quota, you know, if we open up this area 36 under our regulations, it would be I think important for 37 this program to ask for, you know, quick and timely 38 feedback so that if it's perceived that there's 18 39 available next year and a certain number get taken up 40 pretty quickly, and I guess I'd leave that number for the 41 Refuge manager maybe and Fish and Game to sort out soon. 42 I would feel more comfortable, because I think we did 43 hear some information today that leads me on that track. 44 CHAIRMAN FLEAGLE: Other Board members. 45 46 Mike. Niles. 47 48 MR. CESAR: I share Judy's and Wini's 49 concern. And although I think there's sufficient 50 information to open that, I'm concerned about the

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1 numbers, and I think there's enough uncertainty and there
2
  seems to be, you know, not real solid information as to
3 where are even hunting. And so that kind of distresses
4 me somewhat that, you know, we're not sure where they
5 hunted, in or out, and so I think a quota number would be
6 my preference. and, again, as Judy said, leave the
7
  closure up to the State biologist and Refuge manager.
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9
                   MS. GOTTLIEB: And the RAC Chair.
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11
                   MR. CESAR: The RAC Chair.
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13
                   CHAIRMAN FLEAGLE: What mechanism exists
14 for us to do that, Pete? Keith? Somebody. This is
15 something new to me.
16
17
                   MR. W. ADAMS: .....breaking in, but this
18 is laid out. I've got to (cutting out) just wanted to
19 let you know that I'm going to disconnect from the
20 conference call.
21
                   CHAIRMAN FLEAGLE: I didn't catch the
22
23 name, but thank you.
2.4
25
                   MR. W. ADAMS: Wayne Adams.
26
27
                   CHAIRMAN FLEAGLE: Okay. Wayne, thanks.
28
29
                   Yeah, I think the point is that by
30 opening this hunt to non-Federally-qualified subsistence
31 -- non-subsistence user -- yeah, subsistence users, we
32 then turn it over to the State to manage, and how can we
33 establish a quota hunt on a State hunt? I just don't see
34 the mechanism that would exist there. That's the
35 question I have. If it's been done before, I don't know.
36 Just curious.
37
38
                   Ken Taylor.
39
                   MR. TAYLOR: Thank you, Mr. Chairman.
40
41 Yes, once you've opened it to not non-Federally-eligible
42 subsistence hunters, and it becomes a State hunt, the
43 State is responsible for managing that resource, and I
44 have full confidence that our area biologist will work
45 with the Refuge biologist to insure that an over-harvest
46 doesn't occur.
47
48
                   CHAIRMAN FLEAGLE: Thank you.
                                                  I sure
49 that confidence, and I'm going to support the motion.
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1 Other Board members. 2 3 MR. EDWARDS: Mr. Chairman. 4 5 CHAIRMAN FLEAGLE: Terry. 6 7 MR. EDWARDS: I guess that would mean 8 then that the State -- you could close it under emergency 9 order if you felt you could, right? Or need to? 10 11 MR. TAYLOR: That's correct. And the 12 area biologist can do that. They have that designated 13 authority. 14 15 MS. GOTTLIEB: Mr. Chair. 16 17 CHAIRMAN FLEAGLE: Judy. 18 19 MS. GOTTLIEB: And so how will the 20 feedback be available to that area biologist to be able 21 to close? I sounds like much of the survey work was 22 done, and I'm not clear on this, maybe by Fish and 23 Wildlife Service. So what would be the feedback 24 mechanism? 25 26 CHAIRMAN FLEAGLE: Ken Taylor. 27 28 MR. TAYLOR: Mr. Chairman. We get 29 harvest reports back on a fairly regular basis, which 30 probably would not be timely enough for the concerns that 31 are being expressed by this Board. It's possible that 32 surveys could be conducted in-season, and we do that on 33 some hunts around the State, and if the hunting pressure 34 looks like it's excessive, then the area biologist would 35 have the authority to close the hunt. 36 37 MR. EDWARDS: Mr. Chairman. 38 39 CHAIRMAN FLEAGLE: Gary. 40 41 MR. EDWARDS: Maybe one other question 42 for Ken. I mean, it's my understanding right now because 43 this was emergency action on our part, it's -- currently 44 right now it's closed. It's going to require action of 45 the Board of Game? Assuming if we take a positive action 46 here, and remove the closure, will it take action on the 47 part of -- it will not take action on the part of the 48 Board of Game to do it so there's not an opportunity for 49 the Board of Game to give some kind of instructions or 50 guidance as to how this area should be managed

1 specifically or anything like that. 2 3 CHAIRMAN FLEAGLE: Terry Haynes. 4 5 MR. HAYNES: Mr. Chairman. This area is 6 open in State regulations. The closure is in Federal 7 regulations. 8 9 CHAIRMAN FLEAGLE: Other discussion. 10 11 (No comments) 12 13 CHAIRMAN FLEAGLE: Are we ready for the 14 question. The question is recognized on Proposal 56. 15 Pete. 16 17 MR. PROBASCO: Mr. Chair. Final action 18 on Proposal WP07-56 as read into the record by Mr. 19 Edwards. Mr. Cesar. 20 21 MR. CESAR: No. 22 23 MR. PROBASCO: Mr. Oviatt. 2.4 25 MR. OVIATT: Aye. 26 27 MR. PROBASCO: Ms. Kessler. 28 29 MS. KESSLER: No. 30 31 MR. PROBASCO: Mr. Edwards. 32 33 MR. EDWARDS: Aye. 34 35 MR. PROBASCO: Mr. Fleagle. 36 37 CHAIRMAN FLEAGLE: Aye. 38 39 MR. PROBASCO: And Ms. Gottlieb. 40 41 MS. GOTTLIEB: Aye. 42 MR. PROBASCO: Motion carries, four/two. 43 44 45 CHAIRMAN FLEAGLE: Okay. Thank you, 46 Pete. 47 48 I have one other request for an item out 49 of order, and that would be a Mulchatna Caribou 50 presentation that's requested to be done today. We only 1 have three more action items under Southcentral Alaska 2 before we get into Bristol Bay, so I think we'll go ahead 3 and work toward completing Southcentral Alaska, and if it 4 looks like we're going to run short of time, we'll fit in 5 the presentation. 6 7 And, Bruce, I know you can't in a 8 microphone from there, but can you just indicate to one 9 of your State people that can tell us how long your 10 presentation is intended to be? 11 12 BRUCE: Fifteen minutes, whatever you 13 want. 14 15 MR. BUKLIS: Fifteen minutes. 16 17 CHAIRMAN FLEAGLE: Okay. We'll make sure 18 we can accommodate that. What time do you have to leave 19 by? 20 21 MR. RISDAHL: Midnight. 22 CHAIRMAN FLEAGLE: Any time today. 23 24 You'll be here by breakfast with the rest of us. 25 26 MR. BUKLIS: Mr. Chairman. 27 28 CHAIRMAN FLEAGLE: Larry. 29 30 MR. BUKLIS: Should we disconnect the 31 phone connection now? 32 33 CHAIRMAN FLEAGLE: That would be 34 appropriate. Thank you. 35 36 Thanks to everyone who called in and 37 helped us on that issue. 38 MR. BUKLIS: We're going to disconnect 39 40 the phone. Thank you. 41 42 MS. LEONARD: You're welcome. 43 44 CHAIRMAN FLEAGLE: Okay. That brings us 45 back to the normal agenda, and we're now at Proposal 17b, 46 which is the establishing a season and bag limit for 47 brown bear for Federally-qualified users of Ninilchik in 48 Unit 15. Okay. It looks like we're ready. We've got 49 Greg Risdahl is going to lead us off on this. 50

1 MR. RISDAHL: Thank you, Mr. Chairman. 2 Members of the Board. I did some slash and burn editing here. Hopefully that will speed this up a little bit. 3 4 5 Wildlife Proposal 17b was submitted by the Ninilchik Traditional Council. It requests that a 6 7 season be established for the harvest of brown bear in 8 Unit 15. The proposal requests an August 20th to 9 November 10th season with a harvest bear every four 10 regulatory years. 11 12 I'll skip over the regulatory history, 13 because Liz went over that fairly thoroughly. 14 Brown bears are large carnivores that 15 16 roam over large areas, and in the case of the Kenai 17 Peninsula, the State manages the population as one unit, 18 because it is in fact one population. The current goals 19 from management there are to maintain a healthy brown 20 bear population and minimize negative brown bear/human 21 interactions. 2.2 We talked briefly about the allowable 23 24 mortality rate being 20 brown bears per year with a 25 subquota maximum of eight females older than one year of 26 age, calculated from the average annual mortality of the 27 most three recent years. 28 29 Brown bears are found throughout the 30 remote lowland forest, and intermountain valleys of the 31 Kenai Peninsula. Highest densities are found west of the 32 Kenai Mountains. Peninsula brown bears are known to make 33 rapid long distances moves across the Peninsula in 34 pursuit of food resources, such as salmon and berries, on 35 a seasonal basis. This is a learned behavior. 36 37 Because of concern over the long-term 38 conservation of brown bear, the InterAgency Brown Bear 39 Study Team was formed in 1994 and they began developing 40 baseline inventories of salmon streams and other known 41 high use areas. Research since that time has included 42 such things as assessing brown bear habitat, evaluating a 43 cumulative effects model to identify habitat at risk from 44 human development, estimating survival and enumerating 45 the Kenai brown bear population through a computer 46 modeling program. 47 48 The initial estimate of the population of 49 brown bears took place in 1992. ADF&G biologists came up 50 with a number of approximately 277 brown bears based on

1 the available habitat on the Kenai Peninsula. Later that 2 census or that population estimate was revised and 3 increased slightly up to -- oh, excuse me. Actually the 4 initial estimate was done in 1989, and that was 150 to 5 250 bears, and that was updated in 1992 to be 277 based 6 on additional habitat use and availability. 7 8 From 1973 to 2006 on average 16 human-9 caused brown bear mortalities have taken place on the 10 Kenai Peninsula. Of those 16, approximately half have 11 been actual hunter-harvested bears. 12 13 From 2000 to 2006 a total of 12 brown 14 bears have been legally harvested in Unit 15, six of 15 which were harvested in 2000, two in 2001, and four in 16 2004. As mentioned earlier, the brown season was only 17 opened for three days in 2004, and quickly closed after 18 the harvest of those four bears occurred. 19 20 Moving on to current events. At the 21 spring 2000 (sic) Board of Game meeting, Regulatory 22 Proposal No. 30 was adopted authorizing both spring and 23 fall season drawing hunts for brown bear on the Kenai 24 Peninsula. The Board of Game regulation will replace the 25 current fall State registration hunt for brown bear with 26 a set of drawing hunts for separate areas on the Kenai 27 Peninsula. The Department will give out up to 50 permits 28 available only to residents that may be used in the fall 29 and spring seasons. Those seasons being October 1 30 through November 30, and April 1 through June 15. 31 Permits will be allocated to separate areas based on 32 desired harvest levels as well as bear mortalities from 33 other sources. The first drawing will take place 34 beginning this month and next month, in June. 35 The State season, hunters will be 36 37 encouraged to take bears close to human population 38 centers to reduce complaints and negative human/bear 39 interactions. The fall hunt will only be conducted if a 40 harvestable surplus still exists following the spring 41 hunt. That is, of course, in addition to other types of 42 human-caused mortality that take place throughout the 43 summer. Fall hunters with unused permits will be 44 eligible to hunt the following spring, which is within 45 the same regulatory year. 46 47 The hunt is not expected to be the kind 48 of high quality experience of other guided brown bear 49 hunts. 50

1 In terms of effects of the proposal, 2 because of the recent change in the State brown bear regulations as just mentioned, a modification to the 3 4 original Ninilchik Traditional Council's proposal should 5 be considered in order to provide a meaningful 6 subsistence opportunity for Federally-qualified 7 subsistence users. The Office of Subsistence Management 8 suggests implementing a Federal subsistence season with 9 dates that would align with the State drawing hunt for 10 both the fall and spring seasons. 11 12 However, in contrast to the new State 13 drawing hunt for brown bear, the Federal subsistence 14 season would not confine Federally-qualified subsistence 15 users to small areas based on desired harvest levels, and 16 bear mortalities from other sources. Federally-qualified 17 subsistence hunters would be allowed to hunt for brown 18 bear on all Federal public lands in both the fall and 19 spring seasons by Federal registration permit. Authority 20 to open or close the Federal subsistence season would be 21 given to the Kenai National Wildlife Refuge manager. 22 23 In the first regulatory year, the Refuge 24 manager would close the subsistence season following the 25 harvest of two brown bears by qualified subsistence 26 users. The Federal subsistence harvest quota could be 27 adjusted up or down based on demonstrated need of 28 Federally-qualified subsistence users in subsequent 29 years. 30 31 The preliminary conclusion of the Office 32 of Subsistence Management is to support the proposal with 33 modification to allow a to-be-announced harvest 34 opportunity for one year every four regulatory years by 35 Federal registration permit for the same dates, October 36 1 through November 30 and April 1 through June 15, with 37 the authority delegated to the Refuge manager to open and 38 close the season. 39 In sum, the opportunity for either a 40 41 Federal subsistence or State general hunting season will 42 likely continue to be limited given the isolated nature 43 of brown bears on the Kenai Peninsula, the difficulty in 44 assessing the true population size, the perceived high 45 levels of non-hunting human-caused mortality, and obvious 46 impacts associated with increasing human development. 47 48 With the modified proposal, brown bear 49 harvest and hunter effort would be monitored through 50 Federal registration permit reports and the Alaska

1 Department of Fish and Game sealing requirements. 2 3 Thank you. 4 5 CHAIRMAN FLEAGLE: Thank you, Greq. 6 Questions. 7 8 (No comments) 9 10 CHAIRMAN FLEAGLE: We now move to summary 11 of written public comments. Donald. 12 13 MR. MIKE: Mr. Chair, there are no 14 written public comments. Thank you. 15 16 CHAIRMAN FLEAGLE: Public testimony. 17 Pete. 18 19 MR. PROBASCO: Mr. Chair. We have it 20 looks like five, six public testimony. And the first is 21 Kenny Odman and Anna Grant. 22 MS. GRANT: My name is Anna Grant, and 23 24 I'm from Ninilchik. 25 26 MR. ODMAN: Kenny Odman, NTC director, 27 and subsistence user. I'd say we wholly support this, 28 and we'd like to thank all the hard work that everybody 29 put in on this, and it's going to be a great benefit to 30 all. That's it. 31 32 MS. GRANT: And that's it. I'm done. 33 34 MR. ODMAN: Any questions. 35 CHAIRMAN FLEAGLE: Thanks. Board 36 37 members, questions. 38 39 (No comments) 40 41 CHAIRMAN FLEAGLE: Thank you. 42 MR. PROBASCO: Mr. Chair. Next we have 43 44 Ivan Encelewski. 45 46 MR. ENCELEWSKI: Thank you, Mr. Chairman. 47 Members of the Board. First of all I'd like to say I 48 enjoyed the conversation on the sheep hunt, and I'm glad 49 to see there's some other proposals out there that kind 50 of mirror some of the activity of ours.

1 I'm not going to take a lot of time here. 2 I've previously testified in regards to bear here earlier this morning. A couple of things I'll just touch on. 3 4 5 You know, we wholeheartedly support the opportunity to harvest brown bear. You know, the State's 6 7 proposing 50 permits to hunt black (sic) bear I think is evident that there is ample population to support a small 8 9 bear hunt, a brown bear hunt on the Kenai Peninsula. 10 11 As I mentioned earlier, you know, from my 12 personal assessment of, you know, 30 years, I've been 13 around those lands and whatnot, and I' personally see 14 more brown bear than I do black bear, and that's the God 15 honest truth. 16 17 You know, and another thing we talk 18 about, DLPs, in defense of life and property, and I think 19 if we took out a few of these bears, you could help 20 address some of those issues. One way or another, you 21 know, if it's a better opportunity for hunters to hunt 22 and get the customary and traditional resource before it 23 becomes a defense of life and property, and then it 24 becomes ownership of the State and sold to whoever around 25 the world that wants to buy some of those furs. 26 27 I just want to point out, too, that I 28 think during the sheep hunt there was some discussion 29 about in-season management, and you might hear some 30 concerns about in-season management and how are we going 31 to do that, and, you know, if we get 2 bear, 4 bear, 10 32 bear or whatever, where do you close it, and how do you 33 manage it. Well, I think the State wholeheartedly 34 expressed their previous experience and willingness to do 35 that in other areas, so I certainly would think and 36 conclude that they could do that in this scenario as 37 well. 38 39 Like I said, I'm not going to take up a 40 lot of your time. I appreciate your work and effort, and 41 just refer to some of my other testimony as well. 42 43 CHAIRMAN FLEAGLE: Thank you, Greq. 44 Questions. Judy. 45 46 MS. GOTTLIEB: Mr. Chairman. Thanks, 47 Ivan, for coming up here today and I'll ask this question 48 of Ralph when we get around to the RAC recommendation. I 49 know when you submitted the proposed regulation, it was 50 well before the Board of Game made their determinations

1 on season, so do you have any comments on what the State 2 recently passed, what the Board of Game recently passed 3 that would also include a spring/summer hunt? 4 5 MR. ENCELEWSKI: I quess my comments in 6 regards to the State hunt is more or less just 7 reiterating the availability, the viability of a brown 8 bear hunt for residents of Ninilchik. Certainly if they 9 can issue 50 permits for state hunts and sport hunts, 10 there's certainly under the meaningful preference 11 opportunity for subsistence hunters, there certainly 12 should be an opportunity for some of us subsistence users 13 to get a few bear. So I guess my only comments being, 14 you know, I know that the State had changed the system to 15 this, you know, permit and that kind of stuff, but I just 16 -- I think mainly it kind of reinforces the opportunity 17 and the population that is available to harvest some 18 bears, and I think that the State's recognition of that, 19 because my concern is that, you know, even in this 20 proposal -- the hunt's been there. It's just been closed 21 for years and years and years, you know, because of DLPs 22 and that kind of stuff. And I think also, you know, the 23 spring hunt before the DLPs and a lot of those is also a 24 good idea, because, you know, that gives an opportunity 25 for subsistence people to get some bears before those 26 numbers rack up, and so I guess that's my kind of 27 comments. 28 29 CHAIRMAN FLEAGLE: Thank you. 30 31 MR. ENCELEWSKI: Thank you. 32 33 CHAIRMAN FLEAGLE: Who do we have next, 34 Pete. 35 MR. PROBASCO: Next, Mr. Chair, is Mike 36 37 Crawford. 38 39 CHAIRMAN FLEAGLE: Mike Crawford. 40 MR. CRAWFORD: Hello. I kind of said 41 42 earlier what I wanted to say now. 43 44 But getting to the State, it's up to 50 45 permits. I don't think we'll see 50 permits issued. And 46 those permits are for problem areas where the DLP numbers 47 are concentrated is where they're going to concentrate 48 those hunts initially, so I think I can speak for the 49 fish and game advisory committee that I'm on down in 50 Kenai and Soldotna, that we don't have a problem with the 1 subsistence hunt that's going to happen here. 2 3 Our only concern would be, as the State 4 learned, you put a registration hunt out there, and then 5 they never expected -- the last time the hunt was open, 6 they had a giant number of permits, and they had to turn 7 around and shut the hunt down immediately in 24 hours 8 because they had no idea if one bear had been shot or 20 9 bears had been shot. And so maybe a timely reporting on 10 this so the State can manage their hunt in accordance 11 with this hunt and they could work together and manage 12 the bear population, the bear hunt, both the subsistence 13 and the sport hunt together on the Peninsula. And that 14 way we end up with maybe a good bear hunt for everybody. 15 And I guess that's about it. 16 17 CHAIRMAN FLEAGLE: Thank you. Questions. 18 19 (No comments) 20 21 Thanks for the CHAIRMAN FLEAGLE: 22 testimony. Pete. 23 2.4 MR. PROBASCO: And last, Mr. Chair, is 25 Darrel Williams. 26 27 DR. WILLIAMS: Mr. Chairman. Members of 28 the Board. My name is Darrel Williams. I work for 29 Ninilchik Traditional Council. Excuse me. 30 31 Of course, we are seeking a positive 32 determination for this harvest; however, there are some 33 issues that's kind of developed today, and I'm going to 34 kind try to impromptly address those. 35 36 Starting with we need to make sure that 37 we have a meaningful preference for the subsistence users 38 so we can meet the mandates of ANILCA. 39 40 Earlier I had mentioned methods and means 41 as in rifles and traps, and to clarify that a little bit 42 better, there's been some good documentation in the Staff 43 analysis about what traps may or may not be. 44 45 The other issue that's come up on this is 46 now we've reduced the area. Brown bears are managed as a 47 population, and essentially the Kenai Peninsula is 48 managed as an island, think of it that way, as far as the 49 availability for animals to come and go and intermingle 50 with other populations neighboring it. So we've reduced

1 that down to 15C. And the chances are that a lot of 2 these animals are going to come and go from one game 3 management unit to another, and there will be incidental 4 take out of different parts of the population depending 5 on how people hunt and where they hunt and whatnot. 6 7 The second part of the problem that's 8 come up is with the reduced season that's come up, and 9 with the State intervening with their bear permitting 10 season that they've come up with, the problem's going to 11 be, in order to provide a meaningful preference to the 12 subsistence users, after you've had the spring hunt by 13 the sportsmen, defense of life and property by whoever, 14 after those two seasons, quote/unquote, are over with, 15 will we meet the threshold and be able to have a 16 subsistence season? And the same thing, it's the charge 17 here to be able to insure a meaningful preference for the 18 subsistence users. 19 20 On a personal note, I'm a little 21 concerned, because I had heard earlier that it's not the 22 charge here to be able to limit harvest to other user 23 groups to insure subsistence. I believe it is. That is 24 exactly the charge and why we're here today. If we have 25 a whole bunch of other harvest take place and say that 26 the subsistence users may or may not be able to harvest 27 in the end, if they meet a certain threshold, there will 28 be no subsistence harvest. So I'm a little alarmed that 29 that's something that we didn't plan for when we crafted 30 the proposal. We didn't realize the State was going to 31 do what they had done with their permitting system. 32 33 So I would really like everyone to be 34 able to consider, and I'm not really sure where to go 35 with this, but I would at least like to mirror what the 36 State has proposed in their brown bear hunt, or have an 37 increase of what they have proposed in the brown bear 38 hunt, in order to insure meaningful preference so it 39 gives the people the availability to harvest. 40 41 The threshold that was discussed at the 42 RAC for the subsistence hunt consisted of two bears. 43 Personally, I'm not sure if that will satisfy the 44 subsistence needs, and I believe it will be like some of 45 the other hunts where you will have an increase of 46 interest in the beginning, and then you will see the core 47 user group, again that's been identified in many 48 different ways, will surface and it will be -- and then 49 you will be able to manage effectively, and it will be 50 good information for everyone.

1 I think somehow we're going to have to 2 reach, and I -- or come to some kind of a conclusion of 3 how we're going to make this work. And, of course, and 4 like I've said, people have heard me say at the RAC, 5 sometimes we have to ask the tough questions in order to 6 provide that meaningful opportunity. And in this 7 particular instance it may be can the State have this 8 hunt and still provide a meaningful opportunity for 9 harvest for rural subsistence residents. In your agenda 10 that I saw, there are other rural communities that are 11 starting to show interest in the subsistence activities, 12 and it may be something you may want to look at, because 13 I don't think it's going to go away. And it gives us all 14 a -- it makes us all a little uncomfortable. 15 16 I would like to see, just to kind of 17 summarize, I would like to see an equal, at least an 18 equal to type season with the State harvest, so that way 19 when it comes to the subsistence users, and if we have to 20 go with the to-be-announced type season, we won't find 21 out in October that there's no bears left to harvest. 22 That just wouldn't be right, and it wouldn't be fair, and 23 it wouldn't be meeting the charge of ANILCA. 2.4 25 That's all I have. Any questions. 26 CHAIRMAN FLEAGLE: Thank you. Questions, 27 28 Board members. 29 30 (No comments) 31 32 DR. WILLIAMS: Mr. Chairman, thank you. 33 34 CHAIRMAN FLEAGLE: Thank you. 35 MR. PROBASCO: That's it, Mr. Chair. 36 37 38 CHAIRMAN FLEAGLE: Regional Council 39 recommendations. Ralph Lohse. 40 41 MR. LOHSE: Thank you, Mr. Chair. Board 42 members. As you now, the Southcentral Alaska Subsistence 43 Regional Advisory Council supported Proposal WP07-17b 44 with modification. The Southcentral Alaska Subsistence 45 Regional Advisory Council supports establishing a 46 subsistence season, and we picked the numbers October 47 15th through October 31st, because at that time we didn't 48 know what the Board was going to do, for the harvest of 49 one brown bear every four years. The Kenai National 50 Wildlife Refuge manager has the authority to allow for

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1 the take of two bears. This will be a registration hunt. 2 The Refuge manager has the authority to open and close 3 the season. We believe this proposal will provide for a 4 meaningful preference for the residents of Ninilchik. 5 6 Now, to answer some of the questions that 7 have come up. Darrel, I think we did plan to make sure 8 that there was going to be one -- at least my 9 understanding was that these two bears that were going to 10 be allowed for the subsistence hunt were going to be 11 reserved out of the population and figured into the 12 population modeling as reserved for the subsistence hunt. 13 And if they weren't used, then they could be put into the 14 following year for the Fish and Game. But it was my 15 understanding that we have had a two bear maximum so that 16 that figure could be worked into ADF&G population 17 management as reserved for subsistence unless time shows 18 that the subsistence community does not use the available 19 quota. And I as a Regional Council member would think 20 that that's what's going to have to be done in order to 21 have a reasonable subsistence preference, that a portion 22 of the allowable hunt has to be reserved. And then if 23 it's not used, it can be put into the port for the other 24 ones, instead of, like Darrel was saying, all of a sudden 25 October comes and there's nothing left for the 26 subsistence community. 27 28 The other thing is I don't envy you guys 29 your job, because when we put in the proposal for C&T, it 30 was for all of Unit 15. It's kind of interesting, now 31 you have to manage for a subsistence hunt on a Kenai 32 National Wildlife Refuge that extends over A, B, and C on 33 a population that's managed by the State for the whole of 34 Unit 15, and you have to manage or come up with some kind 35 of subsistence hunt that deals with 15C only. And I 36 didn't have a chance to say that before, but I don't envy 37 you that, and I don't think it's logical, and I expect 38 that you're going to see more proposals come in from 39 Ninilchik asking for 15A and 15B in the future. 40 41 CHAIRMAN FLEAGLE: Is that it, Ralph? 42 43 MR. LOHSE: That's it. 44 45 CHAIRMAN FLEAGLE: Okay. I've got a 46 question for you. Apparently after your recommendation 47 was drafted, the Board of Game crafted the drawing hunts, 48 and the OSM came up with a new preliminary conclusion. 49 And I suspect your RAC hasn't had a change to with that, 50 but it does change the opening date from October 1 to

1 November 30 to match the State's drawing hunts. Do you 2 sense that your RAC, given that information, would have agreed to those dates? 3 4 5 MR. LOHSE: Most definitely. As you 6 notice by the dates that we picked, our RAC has a 7 tendency to be conservative more than it does to be 8 liberal. But we would never expect that the subsistence 9 community would be restricted to less than the sport 10 community. And so if the State has proposed a longer 11 season, we would expect that that would extend to the RAC 12 -- I mean to the subsistence community also. 13 14 CHAIRMAN FLEAGLE: Yeah. Okay. Thanks. 15 I wanted that clarification, because there exists the 16 potential for going against your recommendation here in 17 passing a more liberal season. 18 19 Board members, other questions. Judy. 20 21 MS. GOTTLIEB: Well, thanks, that was 22 going to be part of my question, too, because the RAC 23 time period was very short. 2.4 25 And maybe this is something that we'll 26 have to resolve in our deliberations. The RAC 27 recommendation was for I guess a total of two bears in 28 that two week period approximately. And so now we may be 29 dealing with a much longer time period, and we may need 30 to rethink that total number. 31 And secondly, I would once again request 32 33 that when our regulations are done, if we pass something 34 similar to what's written on Page 212 that we add 35 announcement of the Kenai National Wildlife Refuge 36 manager in consultation with ADF&G and the RAC Chair, 37 consistent with how we do this in other areas. 38 39 CHAIRMAN FLEAGLE: Do you want to 40 respond, Ralph? 41 42 MR. LOHSE: Thank you, Judy. The reason 43 we asked for two bears is we looked at what the State was 44 talking about as the normal take on the Peninsula with 45 the DLPs and what they were expecting to harvest, and how 46 many bears there would be a possible surplus. We were 47 asking for those two bears as a reserve. In other words, 48 this was a maximum to be reserved for the subsistence 49 hunters. It doesn't mean that can be all that they can 50 take, but it was a maximum to be reserved for them so

1 that it could be put into the -- so it could be put into 2 their population modeling, so that the subsistence hunter wouldn't come last. 3 4 5 MR. EDWARDS: Mr. Chairman. 6 7 CHAIRMAN FLEAGLE: Gary. 8 9 MR. EDWARDS: Ralph, I guess I wanted 10 clarification. I mean, assuming that we had a huge DLP 11 and hit by cars and other things, you still would say 12 that under those circumstances we would be authorizing an 13 additional two regardless of what would be going on, or 14 that would be two assuming that we were going to have 15 other unrelated, not DLP-related harvest. 16 17 MR. LOHSE: No. What we were saying, 18 that if there was a surplus, two of them would be 19 reserved for the subsistence hunters to start off with, 20 and that would go into the modeling. And then after 21 that, if there were surpluses, it could go into the sport 22 hunt. 23 2.4 CHAIRMAN FLEAGLE: Other questions for 25 the Council's comments -- or recommendations, I mean. 26 27 (No comments) 28 29 CHAIRMAN FLEAGLE: All right. Thank you. 30 Alaska Department of Fish and Game comments. Terry 31 Haynes. 32 33 MR. HAYNES: Thank you, Mr. Chairman. 34 I'll summarize our much more detailed written comments. 35 And after I summarize these comments, the management 36 coordinator for this area, Gino Delfrate is here, and he 37 may be able to answer questions regarding this new State 38 hunt that I don't describe in our comments. 39 40 Kenai Peninsula brown bear were listed as 41 a population of special concern under Alaska's list of 42 special -- species of special concern in 1998. The brown 43 population and harvest by both hunting and human-caused 44 kills such as defense of life and property are very 45 closely monitored by the Department and the Federal 46 agencies on the Kenai Peninsula. 47 48 Staff analysis for Proposal 07-17b 49 describes the State's careful management of the brown 50 bear population and cooperative activities by Federal

1 agencies. It describes the State's administration of a 2 registration permit hunt that has occurred only if the 3 number of non-hunter human-caused brown bear deaths is 4 below the maximum allowable mortality identified in 5 management objectives. Because of this approach, no 6 permits to hunt brown bear have been issued by the State 7 since 2002. 8 9 Because the Department concludes that the 10 available data cannot reasonably support a positive C&T 11 use determination being made for brown bear in Unit 15 12 for residents of Ninilchik, we do not support creation of 13 a Federal season to accommodate those uses. The 14 documented levels of brown bear harvest by Ninilchik 15 residents in Unit 15 over time do not require allocating 16 two brown bears per year to a Federal hunt. Such an 17 allocation would represent more than a nine-fold increase 18 over the historical total harvest of residents of 19 Ninilchik from Unit 15 over the 41-year total harvest 20 shown on map 1 of the Staff analysis, and would likely 21 represent more than an 80-fold increase over the 22 historical harvest on the Federal public lands during 23 that period. 2.4 25 The Staff analysis generally describes 26 the new State brown bear regulations in Unit 7 and 15 27 effective for the 2007/08 regulatory year. But the 28 Department wants to provide the additional details that 29 are important to assure brown bear conservation. 30 31 The Department plans to issue for this 32 first year 18 drawing permits out of the 50 that are 33 available, and allocate them between five hunting zones 34 on the Kenai Peninsula. The permits will authorize 35 hunting in both the fall and spring seasons; however, if 36 recorded brown bear mortality is too high between January 37 and September 2007, the fall 2007 season will be closed 38 by emergency order and hunting will only be authorized 39 for the spring 2008 season. 40 41 Decisions to issue permits, and the 42 number of permits to be issued will be made each year. 43 In some years, permits may not be issued for all five of 44 the hunting zones. 45 46 If a Federal season is implemented over 47 our objections, it must be closely coordinated with the 48 new State seasons and regulations. 49 50 And like I say, if you have more

1 questions about the new State regulations, Gino can try 2 to answer those for you. 3 4 Thank you. 5 6 CHAIRMAN FLEAGLE: Questions. 7 8 (No comments) 9 10 CHAIRMAN FLEAGLE: I think I've got a 11 question. Now, if I understood that correctly, if you 12 reached your other than hunter-caused mortality prior to 13 the opening of the fall season, you don't plan to have a 14 fall season, but you do plan to have a spring season 15 which will be inclusive of the next year's consideration 16 for mortality prior to the fall season again, correct? 17 So you're still going to maintain the maximum 20 bears, 18 is that the number I remember for the Kenai Peninsula, 20 19 brown bear? 20 21 MR. DELFRATE: Thank you, Mr. Chair. 22 Gino Delfrate for the record. 23 2.4 Yes, that's true, that our -- at present 25 our current quota is still 20 bears and not more than 26 eight female bears to be taken, and we are pushing up 27 against that upper limit, and we'll take that into 28 consideration. 29 30 CHAIRMAN FLEAGLE: All right. So it 31 sounds like with that in place then, and the fact that 32 you haven't had an open season since 2002, it's pretty 33 likely that you won't have a all season since you're now 34 including a legal harvest by humans. 35 36 MR. DELFRATE: Thank you, Mr. Chair. 37 We've struggled for the last eight or so years to try and 38 come up with a system that would provide opportunity to 39 take brown bear, to make those bears that are actually 40 dying from other causes available to harvest, and to try 41 and get public buy-in into bear management on the Kenai. 42 And I can say with -- it's been hard to do. This has --43 in my previous job as the assistant area biologist for 44 the Kenai Peninsula, this was one of my primary 45 responsibilities, and it's one that we've always 46 struggled. It's why we came up with a registration hunt 47 to continue to give opportunity. 48 49 Jeff Selinger, the area biologist and I 50 worked on trying to come up with a system whereby we can

1 still provide for a hunting system that would be directed 2 towards those bears that would otherwise become nuisance 3 bears, and it's a unique way of looking at this, and I 4 think that we're definitely treating this as an 5 experiment, and I think it's our best shot of doing this. 6 We are committed to having a spring season in '08, and 7 we're hopeful that our summer of '07 won't be as bloody 8 as it has been in the past. And so all -- everything 9 aside, we are going to try and get through this season. 10 If we have a high DLP rate this summer, it's likely we 11 won't have a fall season, but we do intend to start off 12 with the spring season. We've committed to having the 13 spring season. And as we now count our quota, we start 14 in the spring, so it's likely we will not have achieved 15 our quota of 20 bears or eight females with the spring 16 season, because the bears are just coming out of their 17 den. So it will make things possibly problematic for the 18 following fall or for future years, but that still leaves 19 something to be seen, and we're going to continue to work 20 on that. 21 22 CHAIRMAN FLEAGLE: Right. I get the 23 point. And it's not just DLPs if I remember from the 24 State system. You deal with a lot of automobile versus 25 bear interaction down there as well. 26 27 MR. DELFRATE: Yes, Mr. Chair. The 28 primary cause of mortality from non-hunting is defense of 29 life or property. There have been years where we've had 30 bear/car mortalities where -- in one year we did have six 31 mortalities from automobiles. That was by far a fluke 32 and it hasn't happened since, but we do have brown bears 33 hit on the road by cars, and then we do have the 34 occasional illegal bear that's taken as well. 35 36 CHAIRMAN FLEAGLE: Okay. Thanks. Just 37 -- the reason, Board members, I'm going along with these 38 questions is the -- under the OSM's recommendations with 39 the new information of this hunt, the season would be 40 first a fall season, and then a spring season. So the 41 potential for having a subsistence hunt in the fall, and 42 I'm not sure how this all will play out, whether or not 43 the Federal management system is going to continue to try 44 to agree to and accommodate the 20 maximum. Would we not 45 have a fall hunt as well if we didn't -- I mean, these 46 are just things that we need to discuss as we move 47 forward on this. It does kind of complicate the issue. 48 49 But I understand, you know, your take 50 here, Gino. I appreciate it.

1 Other questions for the ADF&G. 2 3 (No comments) 4 5 CHAIRMAN FLEAGLE: All right. Hearing 6 none, InterAgency Staff Committee comments. Larry. 7 8 MR. BUKLIS: Mr. Chairman. The Staff 9 Committee comments can be found Page 221 of the Board 10 book, and I will summarize those written comments. 11 12 Given that -- this is regarding Proposal 13 17b. Given that non-subsistence hunting opportunity will 14 be limited by the State through a drawing permit hunt, 15 the Council's recommended open Federal registration hunt 16 is considered by the Council to provide a meaningful 17 preference for Ninilchik hunters. This recommendation is 18 supported by substantial evidence It is consistent with 19 recognized principles of fish and wildlife management and 20 conservation, and would not be detrimental to Federally-21 qualified subsistence users if the Federal season is 22 opened as scheduled. However, fall brown bear harvest 23 opportunities for both State and Federal hunters will be 24 contingent on the calendar year total brown bear 25 mortalities from all causes prior to the scheduled 26 opening of the fall season. 27 28 Mr. Chairman, I think this implies a 29 cooperative approach to the quota you were talking about. 30 31 If brown bear mortalities for the 32 calendar year equal or exceed sustainable levels prior to 33 the fall hunting season, both State and Federal fall 34 seasons would need to be closed. To avoid the potential 35 problem of a pre-fall season closure precluding 36 subsistence hunting opportunity, an alternative that 37 could be considered would be to provide a split Federal 38 subsistence season of October 1 to November 30th, and 39 April 1st to June 15th with a harvest limit of one bear 40 every four years by Federal registration permit. As with 41 the Council recommendation, the Kenai National Wildlife 42 Refuge manager would have the authority to open and close 43 the season and allow for the take of two bears per 44 regulatory year. 45 46 Providing a spring season would likely 47 assure hunting opportunity before much non-hunting 48 mortality of bears occurs, and would take place 49 coincident with the State spring drawing permit hunt. 50 This option would provide a longer season than the

1 Council recommendation, and the provision for a harvest 2 quota would be consistent with maintaining a healthy bear 3 population. 4 5 Thank you. 6 7 CHAIRMAN FLEAGLE: Questions, Board 8 members. 9 10 (No comments) 11 12 CHAIRMAN FLEAGLE: Board discussion. 13 Gary. 14 MR. EDWARDS: Mr. Chairman. Maybe to get 15 16 this started and to speed up some time, I'm going to go 17 ahead and make a motion. 18 19 CHAIRMAN FLEAGLE: Please do. 20 21 MR. EDWARDS: And in making this motion, 22 I recognize that we're going to have to do some adoption, 23 amendments and jury-rigging of it some way, because 24 certainly the issues that Darrel and Ralph raised I think 25 are real issues. But instead of trying to -- so let's 26 start with the motion. 27 So my motion is pretty straight forward, 28 29 and that is to adopt the recommendation of the 30 Southcentral Alaska Subsistence Regional Advisory Council 31 to establish a subsistence season from October 15th 32 through October 31st for the harvest of one brown bear 33 every four years. 34 35 Under their proposal, or recommendation 36 the Kenai National Wildlife Refuge manager will have the 37 authority to allow for the take of two bears, and this 38 will be a registration hunt, and the Refuge manager has 39 the authority to open and close the season. 40 41 CHAIRMAN FLEAGLE: Is there a second. 42 43 MS. GOTTLIEB: I'll second it. 44 45 CHAIRMAN FLEAGLE: Okay. We do have a 46 second. Gary, do you want to lay out a rationale for 47 your motion. 48 49 MR. EDWARDS: Well, you know, I think the 50 rationale is pretty straight forward, and I think this is

1 a reasonable request. I feel that we can put together a 2 hunt that would provide both for the subsistence user and 3 the sport user, and at the same time provide a preference for the subsistence user. It's going to e a matter of 4 5 what amendments we put to it to address some of the real 6 concerns that were raised. 7 8 CHAIRMAN FLEAGLE: Discussion. Judy. 9 10 MS. GOTTLIEB: Mr. Chairman, thank you. 11 Well, I guess I would like to offer an amendment as was 12 described by the Staff Committee and kind of confirmed 13 through our discussions with the RAC Chair and others, 14 and that would be along the lines of what appears on Page 15 220, which would extend the season then, October 1 to 16 November 30th, April 1 to June 15th. And again this 17 would be consultation with Fish and Game and the RAC 18 Chair, to-be-announced seasons. 19 20 CHAIRMAN FLEAGLE: We've got motion for 21 an amendment. Is there a second. 22 MR. CESAR: Second. 23 2.4 25 CHAIRMAN FLEAGLE: Seconded by Niles. 26 220. Page 220 is the language that would be adopted as 27 the amendment. Discussion. Did you want to put some 28 rationale, justification for that, Judy, please. 29 30 MS. GOTTLIEB: Sure. I think we had a 31 little it of a time lag in terms of when these -- the 32 proposed regulation was initially submitted and when the 33 RAC met and when the Board of Game met, and so to kind of 34 catch up and to provide maximum amount of time that will 35 be available to subsistence users, keeping in mind the 36 relatively low numbers that may or may not be available 37 for harvest. I think this makes more sense in terms of a 38 proposed regulation for the Federal Board. 39 40 CHAIRMAN FLEAGLE: Board members, ready 41 for the question on the amendment, or do you want further 42 discussion. Gary. 43 44 MR. EDWARDS: Mr. Chairman. I mean, our 45 goal here is to try to provide this preference, and to 46 insure that the subsistence users have an opportunity to 47 hunt and hopefully to be able to take a bear if they come 48 across it. I might go ahead and ask Robin if he might 49 come up, because I know he knows that this is an issue, 50 and since he's going to be the one that's managing it,

1 maybe he has a silver bullet that might accomplish this. 2 It's not that I'm opposed to the amendment. I'm just in my mind unclear whether it will actually accomplish what 3 4 we're trying to accomplish here. 5 6 CHAIRMAN FLEAGLE: Robin West. 7 8 MR. WEST: Mr. Chair. Mr. Edwards. 9 Given where we're at with deliberation, I think the 10 amendment probably makes sense. 11 12 Just briefly to explain, the population 13 of bears is probably increasing. We don't have the 14 number. We're still managing them conservatively, and 15 the quotas that were mentioned are still the goals for 16 management. As was stated, the -- what the Board of Game 17 authorized this year is kind of an experiment, and is 18 being initiated in a fairly conservative fashion. When 19 you boil it down to the 18 permits that the State will 20 offer for drawing by the five zones, only two will be in 21 the area that would overlap where these two bears could 22 be taken, which is the core or the heart of the refuge. 23 And that corresponds to what the State's goals are, is to 24 try and get around some of the developed communities and 25 so forth, some of the DLPs that would -- are going to be 26 killed anyway under a legitimate sport harvest. 27 28 So the long and short of it is, you know, 29 in the heart of the refuge there will a couple of drawing 30 permits that will be managed, and the subsistence folks 31 that will be hunting in 15C would be hunting in the same 32 area. There are a lot of bears in that area. There's 33 not a desire to take a lot of bears out of the area, 34 because that's kind of the refugia (ph) for this 35 population of special interest, but the seasons that have 36 been proposed in the amendment would allow that if the 37 number is -- has been taken through any means in the fall 38 and subsistence users just the people that had the two 39 drawing permits would be guaranteed a hunt in the spring. 40 And whether we would allow subsistence hunters to take 41 the opportunity to hunt in the all, even if the sport 42 hunt was closed or not is something for discussion, and 43 there would be some discretion in doing that, but I would 44 suggest that we would not, if the DLPs were taking out of 45 that general area, or the overall harvest was fairly 46 high. 47 48 But for where you are right now, I think 49 the amendment kind of makes. sense. 50

1 MR. EDWARDS: Thank you, Robin. And just 2 one other question, and maybe to Judy. Judy, does your amendment -- does it include the two bear quota and the 3 4 registration hunt? Is that part of your amendment or 5 not? 6 7 CHAIRMAN FLEAGLE: Judy, your microphone. 8 9 MS. GOTTLIEB: Maybe I can get some 10 assistance from Larry on the intent of the Staff 11 Committee or on that preliminary conclusion there. Ι 12 guess it's not in the wording, but.... 13 14 CHAIRMAN FLEAGLE: Larry Buklis. 15 16 MR. BUKLIS: Mr. Chairman. In terms of 17 the Staff Committee comments, the comments would point to 18 this alternative view of extending into that spring 19 opportunity, but it would include the two bear quota and 20 the registration permit. 21 22 MS. GOTTLIEB: Okay. Thanks. 23 2.4 CHAIRMAN FLEAGLE: Would you -- Pete, 25 your interpretation. Go ahead. 2.6 MR. PROBASCO: Mr. Chair. If I may, Ms. 27 28 Gottlieb, if it indeed is your intent to include the 29 quota, you motion focused on the language on Page 220 30 which does not include that, so you would need to clarify 31 your motion. 32 33 CHAIRMAN FLEAGLE: Judy Gottlieb. 34 35 MS. GOTTLIEB: For clarification then, 36 that the Refuge manager does have the authority to allow 37 the take of two bears, an this would be part of the 38 registration hunt, and these two would be part of the 39 overall quota of 50 that seem to apply to Unit 15 in 40 general. 41 42 CHAIRMAN FLEAGLE: Do we have concurrence 43 of the second on the amendment? 44 MR. CESAR: Yes. 45 46 47 CHAIRMAN FLEAGLE: Niles, thank you. 48 Just a correction, 50 is the up to language for permits 49 to be issued. The quota for over-all kill is 20, so just 50 for clarification. And it sounds like the agencies still

1 want to agree to cooperate on that number. I see heads 2 nodding. We've finally reached some cooperation here 3 today. 4 5 (Laughter) 6 7 MS. KESSLER: Mr. Chair. 8 9 CHAIRMAN FLEAGLE: Wini. 10 11 MS. KESSLER: Yeah. This has been a 12 complicated one, but I'm satisfied we've arrived at --13 between the proposal and the amendment, something that 14 will provide a meaningful preference for subsistence 15 users and is consistent with principles of wildlife 16 management and conservation. 17 18 CHAIRMAN FLEAGLE: Are we ready for 19 action on the amendment. 20 21 MR. EDWARDS: Question. 22 CHAIRMAN FLEAGLE: The question's 23 24 recognized. Pete, on the amendment as just stated into 25 the record by Judy, please poll the Board. 26 27 MR. PROBASCO: Thank you, Mr. Chair. 28 This is amendment to Proposal WP07-17b, and we referenced 29 Page 220 of our book and clarification by Ms. Gottlieb to 30 add the quota of two bears, a registration hunt and to 31 work closely with Alaska Department of Fish and Game, 32 with the overall quota of 20 bears annually. 33 34 Mr. Oviatt. 35 36 MR. OVIATT: Aye. 37 38 MR. PROBASCO: Ms. Kessler. 39 40 MS. KESSLER: Aye. 41 42 MR. PROBASCO: Mr. Edwards. 43 44 MR. EDWARDS: Aye. 45 46 MR. PROBASCO: Mr. Fleagle. 47 48 CHAIRMAN FLEAGLE: Aye. 49 50 MR. PROBASCO: Ms. Gottlieb.

1 MS. GOTTLIEB: Aye. 2 3 MR. PROBASCO: And Mr. Cesar. 4 MR. CESAR: Aye. 5 6 7 MR. PROBASCO: The motion carries, 8 six/zero. 9 10 CHAIRMAN FLEAGLE: Thank you, Pete. That 11 now brings us to the main motion as amended. Further 12 discussion prior to the vote. 13 14 (No comments) 15 16 CHAIRMAN FLEAGLE: Hearing none, it 17 sounds like we're ready for the question. Proposal 17b 18 as amended. Final action. Pete. 19 20 MR. PROBASCO: Thank you, Mr. Chair. 21 Ms. Kessler. 22 23 2.4 MS. KESSLER: Aye. 25 26 MR. PROBASCO: Mr. Edwards. 27 28 MR. EDWARDS: Aye. 29 30 MR. PROBASCO: Mr. Fleagle. 31 32 CHAIRMAN FLEAGLE: Aye. 33 34 MR. PROBASCO: Ms. Gottlieb. 35 36 MS. GOTTLIEB: Aye. 37 38 MR. PROBASCO: Mr. Cesar. 39 40 MR. CESAR: Aye. 41 42 MR. PROBASCO: And Mr. Oviatt. 43 44 MR. OVIATT: Aye. 45 46 MR. PROBASCO: Main motion carries as 47 amended, six/zero. 48 49 CHAIRMAN FLEAGLE: All right. Thanks, 50 Pete.

1 I'm just wondering if we should plug on a little further, or take a break now. Take a break. Five 2 3 minutes, 10 minutes, sorry. 10 minute break. 4 5 (Off record) 6 7 (On record) 8 9 CHAIRMAN FLEAGLE: Good afternoon. We're 10 back on record. And there's been some discussion as to 11 what the plan is, and what we're planning on doing is 12 working until approximately 6:00 p.m., and then Wini has 13 to leave us. She can stay that long. 14 15 And we'll take a dinner break and come 16 back and work until we fall over, or until we take a 17 break for the evening. So that's -- that last part was a 18 joke. We'll probably put in a couple three hours tonight 19 and just see how far we can get caught up as far as we're 20 -- we've got a lot of proposals still to deal with, and 21 we want to make sure we're out of here on time tomorrow. 22 We do have some more time constraints. 23 24 We've got a fellow that wants -- needs to be here through 25 the Bristol stuff, and hopefully they'll be all taken --26 be finished by tonight. And with that, we're going to go 27 ahead and move on. 28 29 Well, I should open it up. Is there any 30 announcements other than that that need to be made, Pete. 31 MR. PROBASCO: No, Mr. Chair. You 32 33 covered it, and we'll try to make our presentations short 34 and to the point, Mr. Chair. 35 36 CHAIRMAN FLEAGLE: Okay. Thanks. With 37 that then, we're moving back on our agenda, and -- gosh, 38 I've got so many of them. All right. Proposal No. 07-39 21, Unit 15 moose. And the analysis, we go to..... 40 41 MS. H. ARMSTRONG: Helen Armstrong. 42 43 CHAIRMAN FLEAGLE: Helen Armstrong. 44 Welcome. Thanks. 45 46 MS. H. ARMSTRONG: Thank you, Mr. Chair. 47 Members of the Board. My name is Helen Armstrong. I'm 48 an anthropologist with OSM. 49 50 Proposal WP07-21 was submitted by Dennis
1 Reutov and Fred Martushev. And they request that 2 Kachemak-Selo, Razdolna and Voznesenka be added to the customary and traditional use determination for moose in 3 4 Unit 15B and C. This would add them to the existing C&T 5 determination which is for rural residents of Ninilchik, 6 Nanwalek, Port Graham and Seldovia. 7 8 And I just wanted to note that the 9 proposal book had an error, that it said they requested 10 it for all of 15, but they only requested it for 15B and 11 C. 12 13 I'm going to really move quickly through 14 this analysis, but you do all have it in your book in 15 front of you. Just make a few high point notes. 16 17 The Board adopted the existing C&T in 18 1995 when they did the C&T determinations for Kenai 19 Peninsula that Liz talked about his morning, and they 20 determined that residents of what they called the Homer 21 rural area, which included these communities, that they 22 had -- they did not give them positive C&T for any 23 resources because at the time they felt that those 24 communities did not have enough evidence of a long-term 25 consistent pattern of use. 26 27 The three communities that are under 28 consideration for this proposal are all Federally-29 qualified rural communities. They are new communities 30 that were founded by households from the community of 31 Nikolaevsk, which was funded by five families in 1967. 32 And families from Nikolaevsk then moved and created these 33 three new communities in the 80s. 34 Voznesenka is 23 miles east of Homer. 35 36 It's on the map on Page 251. You can see the three 37 communities there. Razdolna is just two miles farther 38 and overlooks Fox River mud flats and Kachemak-Selo is 39 near the head of Kachemak Bay. 40 They're all quite small, although we 41 42 don't have an exact population for them, because they are 43 not included in the census individually. They're part of 44 the Fox River CDP which had 616 people, and of those 616, 45 429 of those speak English as a second language, and 46 these three communities, they are Old Believer 47 communities with Russian heritage, and they speak Russian 48 as their first language. So it's somewhere around --49 something less than 600 is how many people live there. 50

1 We have very little data on these communities. There's only been one household use study 2 3 that was conducted by ADF&G Subsistence Division in 1998 4 on Voznesenka, and in that study there were -- 14 moose 5 were harvested in that single year. They were shared by 6 the community. They made up a good percentage of their 7 uses -- the harvests that they used. And of that 14 8 moose that were harvested, none were on Federal public 9 lands. 10 11 The problem that I had in really trying 12 to figure out how many moose that people harvest is that 13 the people in these three communities, they get their 14 mail either in Fritz Creek or in Homer, most likely Fritz 15 Creek. There's a general delivery at the store. And in 16 addition to those people getting their mail, the Fritz 17 Creek CDP has 1600 people, so the you add that 600 or so 18 from Fox River CDP. We have absolutely no idea how many 19 people who do report their harvest as being from Fritz 20 Creek are from these three communities. So we have very 21 little information. 22 Fritz Creek had somewhere -- you know, 23 24 I'd say kind of on an average they had anywhere from 2 to 25 10 moose taken a year in Unit 15, but I don't know where 26 those people were from. 27 28 The study that ADF&G did, which was by 29 Dr. Fall, noted that there needed to be further research 30 conducted in the Old Believer communities to examine 31 their harvest use patterns more thoroughly. 32 My preliminary OSM conclusion is to 33 34 oppose the proposal, because we didn't have enough 35 information to give them C&T on Federal public lands. 36 37 I'm kind of -- I was skipping over and I 38 had one more thing I should have said a little bit 39 earlier. The proponents stated in their proposal that 40 they harvest moose in Fox River Valley, Clear Water 41 Slough, Caribou Hills and Tustumena Lake, and all of 42 those are in 15C. And most of Fox River Valley is within 43 State lands. Clear Water Slough, Caribou Hills and 44 Tustumena Lake are in the Kenai National Wildlife Refuge. 45 So they did say that they hunt moose up there. But, as I 46 said, we don't have evidence that they do. 47 48 So the preliminary conclusion is to 49 oppose the proposal until we have additional information. 50

1 Thank you. 2 3 CHAIRMAN FLEAGLE: Thank you. Questions. 4 Gary. 5 6 MR. EDWARDS: A couple of questions. 7 Putting aside where the hunting may or may not have taken 8 place, is there any question that these folks, although 9 not a lengthy history in that area, have a history of 10 utilizing moose for subsistence purposes? 11 12 MS. H. ARMSTRONG: Well, we know from the 13 one study that was done by ADF&G that they did harvest 14 14 moose. And so we do know that they harvest moose. It is 15 a new community. This Board has never made any kind of 16 decision how old a community has to be, or if it matters. 17 They're very dependent on the land. The Old Believers 18 are pretty self-sufficient. They garden, they hunt, they 19 fish, so they do depend on the land. 20 21 So, you know, I know people were trying 22 to compare this a lot to the Ninilchik bear proposals, 23 but I think the difference is, is we don't have the 24 cultural context. We really don't know that much about 25 these communities. They're isolated and don't interact 26 that much with the outside world. 27 28 MR. EDWARDS: But the fact that they 29 would harvest moose, we're assuming that they utilize 30 those moose that they harvest, wouldn't that be correct? 31 32 MS. H. ARMSTRONG: Absolutely. 33 34 MR. EDWARDS: Okay. And one other 35 question. If you look at distance within Unit 15, and 36 let's say the communities in the Ninilchik group compared 37 to this as far as distance to get up into actually 38 Federal lands, which one actually has the farthest 39 distance to travel. 40 41 MS. H. ARMSTRONG: Which community? 42 MR. EDWARDS: Well, right. I mean, you 43 44 have two communities that are in 15, neither -- both of 45 them have a distance to travel to get up into Federal 46 lands. I was just curious in proximity which one has the 47 -- which one is closer to Federal land so to speak. 48 49 MS. H. ARMSTRONG: You mean which of the 50 three of the....

MR. EDWARDS: Those communities to the 1 2 Ninilchik cluster of communities. 3 4 MS. H. ARMSTRONG: Well, I don't even --5 I'm not really sure frankly, I'd have to look at the map, 6 but I think the other thing that I've been told, I 7 haven't ever been there, but I've also been told that 8 it's difficult to get to the Federal public lands from 9 these three communities, and that that's also an issue, 10 is just getting there is difficult, and that there are 11 plenty of moose in the flats there near the communities 12 that they probably wouldn't have to go up onto Federal 13 public lands to get moose, that they're more readily 14 available where they are. Dan LaPlant's spent a lot of 15 time there. He might be able to tell you more. 16 17 MR. EDWARDS: Yes. And my follow-up 18 question, couldn't you make that same argument for 19 Ninilchik? None of that country's easy to get into. 20 21 MS. H. ARMSTRONG: I wouldn't be of 22 authority enough to say. 23 2.4 CHAIRMAN FLEAGLE: Other questions. 25 26 (No comments) 27 28 CHAIRMAN FLEAGLE: Summary of written 29 public comments. Donald. 30 31 MR. MIKE: Mr. Chair. There are no 32 written public comments. Thank you. 33 34 CHAIRMAN FLEAGLE: Thank you. Public 35 testimony. Pete. 36 37 MR. PROBASCO: Mr. Chair, We have no one 38 signed up for this agenda item. 39 40 CHAIRMAN FLEAGLE: Regional Council 41 recommendation. Ralph. 42 MR. LOHSE: Thank you, Mr. Chair. As you 43 44 know, and I'll go through it, the Regional Council 45 opposed -- the Southcentral Alaska Subsistence Regional 46 Advisory Council opposed the request of Kachemak-Selo, 47 Razdolna, and Voznesenka to be added to the customary and 48 traditional use determination for moose in 15B and C. 49 And no information was presented that the resource was 50 used on Federal public lands. No evidence was found in

1 support of the proponents' claims. The proponents were 2 not present to testify for a positive C&T. 3 4 And I'd like to go into it a little bit 5 in detail, because I know there's been some questions 6 about it. One thing the Fish and Game has characterized, 7 just like with our decision on the brown bear C&T for 8 Ninilchik is that it's a reversal. When we say we oppose 9 here, that just means we didn't find evidence to support 10 it. It doesn't mean that we're against it. It's not a 11 reversal when we change our mind and get evidence 12 presented to us. And that was one of the things that we 13 said for this one right here. We don't know much about 14 these communities like she said, and nobody came forward 15 to tell us anything. 16 17 Now, it's been characterized that we 18 don't have a real lot of information from Ninilchik. 19 That might be true when it comes to written down 20 information. But we had a lot of information from 21 Ninilchik, because they came and testified before us time 22 and time and time again about their customary and 23 traditional use of resources on the Kenai. We know a lot 24 about Ninilchik. 25 26 As a Council we don't know much about 27 these communities right here. They didn't come forward 28 to present their proposal. We're open to their proposal, 29 and in the future, if information is presented and we 30 support their proposal, that's not a reversal. That's 31 just accepting the fact that we now have information on 32 which to base a decision. And so while we oppose this, 33 the main reason we oppose it is because the people who 34 put the proposal in didn't come forward, didn't come and 35 present any information to us other than the little bit 36 of written information that we got from OSM in support of 37 their claims. And we can't act on that as a Council. 38 Our Council doesn't act on that. Or hasn't in the past 39 anyhow. 40 41 So with that, I'm going to let -- open up 42 to any questions anybody has to why we made our 43 decisions. 44 45 CHAIRMAN FLEAGLE: Questions. Gary. 46 47 MR. EDWARDS: I mean, Ralph, I guess 48 realistically I mean, it doesn't seem to me that one of 49 the criterias for a Council acting upon one's proposal is 50 that one appears in person to represent it. Several,

1 obviously -- a lot of our remote communities, it's not easy for people to do. Some people just don't like to 2 get up in front of people, whether it's by phone or 3 4 whatever. It seems to me that Councils, whether it's 5 your Council or any of the Councils -- it seems to me it 6 took some -- it appears almost on the surface that it was 7 dismissed because nobody was there to represent it, 8 although they did in this case submit a written proposal. 9 10 MR. LOHSE: Mr. Chair. Gary. Again 11 that's possibly a little bit of a misrepresentation. 12 What we said and what we look at ourselves as a Council 13 is we're supposed to be representing local knowledge. 14 We're not scientists. We're representing what we know. 15 If we don't know anything, we can't make a decision. 16 Now, the Board can make a decision based on information 17 that's presented to them that we don't know. But for us 18 to make a recommendation, we have to eel that somebody 19 has come forward and given us sufficient information, or 20 we have to know enough about the subject ourself that we 21 can say, yes, or we can say, no. And in this case here, 22 it just so happens that I happen to fish with a couple of 23 these guys in Prince William Sound, and I do know that 24 they use a lot of resources and that they have a garden, 25 and that they take a lot of fish from Prince William 26 Sound, and they put up a lot of fish for the winter. But 27 I have no idea -- they have never talked to me about 28 where they go moose hunting or what they do from moose 29 hunting or caribou hunting, or sheep hunting or anything 30 like that. So even I who have a business interaction 31 with some of these people don't know anything about them. 32 So how can I make a decision. 33 34 CHAIRMAN FLEAGLE: Thank you. Department 35 of Fish and Game comments. Terry Haynes. 36 37 MR. HAYNES: Mr. Chairman. I'11 38 summarize our comments as we've done so far this meeting 39 and we'll continue to do in the spirit of keeping things 40 efficient. 41 42 The Department does not support this 43 proposal primarily for two reasons. First, as has been 44 noted in the Staff analysis, Kachemak-Selo, Razdolna and 45 Voznesenka are relatively new communities, and the 46 purpose of ANILCA is to insure customary and traditional 47 use opportunities are allowed to continue, not to create 48 new subsistence opportunities. 49 50 Second, as is noted in the Staff

1 analysis, the few moose that are harvested by these 2 communities are taken on State land under State regulations, indicating that there is insufficient 3 4 evidence in terms of frequency of use, area of use, 5 community use or otherwise to support a determination 6 that there's been a long-term, consistent, recurring 7 pattern of customary and traditional use for subsistence 8 by the communities of Kachemak-Selo, Razdolna, and 9 Voznesenka of moose on Federal public lands in Unit 15 as 10 required by ANILCA and the Federal subsistence 11 regulations governing such determinations. 12 13 Thank you. 14 15 CHAIRMAN FLEAGLE: Thank you, Terry. 16 Questions. 17 18 (No comments) 19 20 CHAIRMAN FLEAGLE: InterAgency Staff 21 Committee comments. Larry. 22 MR. BUKLIS: Mr. Chairman. The Staff 23 24 Committee comments appear on Page 254 of your book for 25 Proposal No. 21. 26 27 In its review of the Southcentral 28 Council's recommendation, the Staff Committee discussed 29 the lack of clear information regarding moose harvest by 30 the communities. The proponents indicated that their 31 communities had harvested moose on Federal public lands; 32 however, there was no public testimony at the Council 33 meeting to support this claim. 34 35 The Staff analysis indicated that there 36 is only one year of clear information regarding the 37 subsistence use of Voznesenka, and no information 38 regarding the subsistence uses of Razdolna and Kachemak-39 Selo. 40 41 It was noted by the Staff Committee that 42 the communities addressed in this proposal are located 43 closer to Federal public lands than are some of the other 44 communities that have a customary and traditional use 45 determination for moose on Federal public lands of the 46 Kenai Peninsula. 47 48 The available information in the ADF&G 49 harvest ticket database does not reveal resource use by 50 residents of the three communities as it is

1 indistinguishable from that of Fritz Creek and other nearby Kenai communities, because they do not have their 2 own village addresses, but rather have Fritz Creek 3 4 addresses. Thus the real use moose by these communities 5 and the locations of harvest could not be accurately 6 determined at this time. 7 8 Based on the Staff analysis, the Staff 9 Committee noted that although there may be use of moose 10 on Federal public lands by the residents of Kachemak-11 Selo, Razdolna and Voznesenka in Units 15B and 15C, 12 currently there seems to be little evidence that these 13 communities have had a long-term, consistent, recurring 14 pattern of use of moose on Federal public lands in Unit 15 15. 16 17 Mr. Chairman, that's a summary of the key 18 points. 19 20 CHAIRMAN FLEAGLE: Ouestions. 21 22 (No comments) 23 2.4 CHAIRMAN FLEAGLE: Thank you. I'm just 25 curious. Under our regulations 100.16, of course, you 26 know, we've spoken about the long-term, consistent 27 patterns of use. Obviously there's no long-term here. 28 And then factor 5 talks about the means of handling, 29 preparation, preserving that has been traditionally used 30 by past generations, and these are brand new communities. 31 We don't have the generational history. So I don't see 32 where we can support this at all. 33 34 But I was just curious, with the State, 35 the RAC and the ISC all being opposed to it, why didn't 36 it just get weeded out in the consensus agenda? Does 37 anybody -- why did it have to come before us? 38 39 MR. EDWARDS: We asked for it. 40 41 CHAIRMAN FLEAGLE: We asked for it? 42 Okay. 43 44 MS. KESSLER: Mr. Edwards and I asked for 45 it. 46 47 CHAIRMAN FLEAGLE: Okay. That's good 48 enough reason. And that was earlier in the meeting 49 yesterday. I just must have forgot the number. Okay. 50

1 MS. GOTTLIEB: Mr. Chairman. 2 3 CHAIRMAN FLEAGLE: Judy. 4 5 MS. GOTTLIEB: It does seem that, I mean, 6 as has been stated several times, there would really need 7 to be a bit more information and research done for us and the Council to understand a little bit better what the 8 9 situation is for these communities. So I would recommend 10 that, you know, the Board look into gathering that 11 information for future decisions on this area. 12 13 MR. EDWARDS: Mr. Chairman. I guess I 14 would argue that it has been long-term. In their case 15 it's been forever, it's been from the beginning. So, I 16 mean, long is relevant to when you start, and if they 17 were there and started in 1980 and shot and used a moose 18 in 1980, they it's been forever from their perspective of 19 their length. So that's pretty long-term. 20 21 I mean, I guess where I have a difficulty 22 is looking at this, and I think it is clear, I don't 23 think anybody would deny that these folks utilize moose 24 within Unit 15. They're relatively speaking close to 25 Federal lands, and given their previous actions, it seems 26 to me it's difficult for us to rationale not providing 27 the same, you know, C&T that we have done to similar --28 to other situations. 29 30 CHAIRMAN FLEAGLE: Wini. 31 32 MS. KESSLER: Thank you, Mr. Chair. Т 33 don't feel I can speculate on information that's not 34 there; however, I do want to leave the door open for more 35 information that I would hope would become available. Ιt 36 sounds like a community that keeps to itself like that 37 may be reluctant to come out and maybe information 38 gathering will have to be a little more assertive in 39 going to them. But I think definitely in the future a 40 C&T use determination may be appropriate, but we need to 41 have that information on which to base it. 42 43 CHAIRMAN FLEAGLE: George. 44 45 MR. OVIATT: I sort of come down with 46 Gary in parts of this, because they submitted a written 47 testimony that they have subsisted, and, you know, 48 they've been there since 1980, and, you know, we've got 49 some Federal lands that are very close to that area. I'm 50 just -- I mean, is it because they didn't -- maybe they

1 couldn't afford to come forward to the RAC meetings. I 2 just wonder if we're cutting these people a little short, 3 doubting maybe their word that they said they used it. 4 5 Just a comment, Mr. Chairman. 6 7 MR. CESAR: Mr. Chairman. 8 9 CHAIRMAN FLEAGLE: Go ahead, Niles. 10 11 MR. CESAR: It's interesting that for the 12 last however many years we've been sitting here, we beat 13 each other over the heat about long-term, consistent 14 usage. Now, there may be people on this Board who feel 15 that 25 years is long-term. I don't. And I don't think 16 that -- it would be very difficult to convince me of 17 that, so that's -- and I don't think that we're saying 18 that they cannot prove up, they can't come forward. I 19 think as we do on most of these, and there's been a long 20 history of us accepting comments from the floor where 21 people forward and make their case, or ask us to come 22 down there, we have done that, and listened to people. 23 And so we try to use, you know, some good judgment, some 24 balance in making these decisions. 25 26 And I'm comfortable in opposing this, 27 because, again, I'm reminded by Chairman Lohse there that 28 it's not a rejection. What it is, is there's not 29 information. Let's get the information as we've demanded 30 many, many times in the past with many, many proposals, 31 that we get more information. For my vote in opposition 32 to this would be for the purposes of allowing the 33 proponent to come forward with stronger information at 34 the next cycle. 35 36 CHAIRMAN FLEAGLE: It sounds like we're 37 ready for a motion. 38 MR. EDWARDS: Well, just one question. 39 40 mean, Mr. Chairman, would one option be to defer it? 41 That way it seems to me we maintain some consistency with 42 some of our previous actions that we have done on the two 43 bear proposals, and so it's not like we're deferring it, 44 but -- I mean, opposing it, but we would actually defer 45 it. 46 CHAIRMAN FLEAGLE: We don't have any 47 48 motion on the floor, so if you want to make the to do 49 that, you're entitled to, and we'll have discussion on 50 that, Mr. Edwards. And I do apologize. I did look at

1 our original agenda, and it was on the consensus agenda, 2 and I just forgot that it referred to this. 3 4 MR. PROBASCO: I mislead you. 5 6 CHAIRMAN FLEAGLE: Thanks, Pete. 7 8 MR. EDWARDS: Mr. Chairman. I guess I'd 9 go ahead and try to make a motion. I would move that on 10 Proposal WP07-21, requesting that -- I'm not as good as 11 Ralph to say the names, so the three communities be added 12 to customary and traditional determination for moose in 13 Units 15B and 15C be deferred. 14 15 MR. OVIATT: I'll second that motion. 16 17 CHAIRMAN FLEAGLE: All right. Motion to 18 defer. And you're talking to a time certain, to the next 19 regulatory cycle for this area? 20 21 MR. EDWARDS: That would be fine. 22 23 CHAIRMAN FLEAGLE: Okay. Do you want 24 to.... 25 26 MS. GOTTLIEB: Mr. Chairman. 27 28 CHAIRMAN FLEAGLE: Just a minute. 29 30 MS. GOTTLIEB: I'm sorry. 31 32 CHAIRMAN FLEAGLE: Do you want to speak 33 to the rationale behind your motion again, Gary? 34 CHAIRMAN FLEAGLE: 35 36 37 MR. EDWARDS: Just to add to that. Ι 38 think that -- as I previously said, I think there is 39 information obviously showing that these folks have 40 utilized moose in this area, maybe or maybe not on 41 Federal lands. I think folks feel that it would be 42 helpful in making this determination that we have 43 additional information. By deferring it, I think it 44 would allow us the opportunity to get that, and by 45 rejecting it, I feel that it would be inconsistent with 46 how we have been addressing recent C&T determinations. 47 48 CHAIRMAN FLEAGLE: Judy. 49 50 MS. GOTTLIEB: I was going to add with

1 respect to the information that I hope it's not the 2 intent of this Board to only put this on the proponent. I think we've learned from past times that it's not the 3 4 proponent's responsibility to justify everything, that we 5 have the resources and capable personnel of gathering 6 some of that information, and it's our responsibility as 7 well. 8 9 CHAIRMAN FLEAGLE: Other discussion. 10 11 (No comments) 12 13 CHAIRMAN FLEAGLE: Yeah, we did, we did 14 have a second, George Oviatt. 15 16 I'm going to vote against the motion to 17 defer. I don't support the request. Again, just reading 18 right out of the criteria -- well, they're not criteria, 19 they're factors. Long-term, generations, patterns of use 20 that are handed down to generations, pattern of use for 21 sharing -- well, that one doesn't have generation, but 22 there are two of the factors. I just don't see that a 23 brand new community established just over two decades ago 24 can in any way meet long term and meet anything to do 25 with generations. I think an average generation is 26 roughly 20 years. Maybe in 20 years we might feel it 27 does, but I don't support it. 28 29 Other comments. 30 31 (No comments) 32 33 CHAIRMAN FLEAGLE: Ready for the 34 question. The question's called on the motion to defer. 35 Pete. 36 37 MR. PROBASCO: Motion to defer Proposal 38 WP07-21, Unit 15 moose. And we're starting out with Mr. 39 Edwards. 40 41 MR. EDWARDS: Aye. 42 43 MR. PROBASCO: Mr. Fleagle. 44 45 CHAIRMAN FLEAGLE: Nay. 46 47 MR. PROBASCO: Ms. Gottlieb. 48 49 MS. GOTTLIEB: Aye. 50

1 MR. PROBASCO: Mr. Cesar. 2 3 MR. CESAR: No. 4 5 MR. PROBASCO: Mr. Oviatt. 6 7 MR. OVIATT: Aye. 8 9 MR. PROBASCO: And Ms. Kessler. 10 11 MS. KESSLER: Aye. 12 13 MR. PROBASCO: Motion carries, four/two. 14 15 CHAIRMAN FLEAGLE: Thank you, Pete. 16 17 (Pause) 18 19 CHAIRMAN FLEAGLE: All right. We're 20 moving on to Proposal 22. And we have back at the table 21 Mr. Greg Risdahl. We're on Proposal 22. 22 23 MR. RISDAHL: Mr. Chairman. Members of 24 the Board. Proposal No. 22 begins on Page 255 of the 25 Board book. 26 27 This proposal was submitted by Mr. Marvin 28 Peters of Homer, Alaska. It requests that the late fall 29 Federal moose season in Units 15B and 15C be eliminated 30 or restricted to the early season hunt with a total 31 harvest not to exceed 10 animals. 32 33 Currently there is customary and 34 traditional use determinations for rural residents of 35 Ninilchik, Nanwalek, Port Graham and Seldovia in this 36 area or moose. 37 38 I'm going to give the briefest summary of 39 the biology and harvest, cutting down several pages to 40 maybe half a page here. 41 42 Combining the various goals for harvest 43 and population figures for Unit 15A and 15B and 15C, 44 they're to maintain a moose population with bull/cow 45 ratios ranging from 15 to 40 bulls per 100 cows. And 46 recent survey's show that in all these areas the bull/ 47 cow ratios have been maintained over the long term and 48 recently. Likewise the cow/calf -- excuse me, the calf 49 to cow ratio over the long term has been around 30 calves 50 per 100 cows on average. The most recent survey in '05

1 had an 18 calf per 100 cow ratio. Over the long term, 2 the recruitment ratio -- or the recruitment rate for all three of these subunits has been around 19 percent, with 3 4 the most recent survey in 2005 being 12 percent. 5 6 As far as harvest goes, I will break this 7 down a little bit. A large harvest takes place in Unit 8 15A under the State regulations. On average over the 9 long term, around 173 moose are taken by 1215 hunters. 10 Contrast that to the Federal permit hunt for Units 15A, 11 15B and C combined, there is around 4 moose taken each 12 year by approximately 25 hunters. And some years, of 13 course, had no subsistence hunters taking moose. 14 15 In 15B the State harvest is divided into 16 two areas, 15B west, which is a general harvest area, and 17 they are taking on average around 40 bull moose per year. 18 And in the permit area, 15B east, which is set aside for 19 trophy management, they're taking around 12 moose 20 annually. 21 The effects of the proposal. The October 22 23 20 to November 10 or late Federal subsistence season has 24 been in effect for just one year. It was first 25 implemented last year in 2006. If the current proposal 26 is adopted, it would eliminate the late season, or 27 maintain the season, but adopt a 10-moose harvest quota. 28 If either the late season was eliminated, or the quota 29 adopted, there would likely be very little effect on the 30 moose population or subsistence hunters, since only two 31 moose were harvested during the late 2006 season. Plus 32 on average, as I mentioned, only four moose per year have 33 been harvested annually during the early Federal 34 subsistence season since its inception. 35 36 The preliminary conclusion of OSM is to 37 oppose the proposal. The October 20 to November 10, 2006 38 Federal subsistence moose hunt in Unit 15B and 15C had no 39 significant impact on the moose population. Although 62 40 permits were issued for the late season, only two moose 41 were harvested. 77 percent of the permit holders 42 submitted harvest reports. Ten permit holders reported 43 they did not hunt, 36 reported they hunted 44 unsuccessfully, and we have yet to see hunt reports from 45 14 additional hunters. 46 The low level of harvest in both the 47 48 early and late seasons suggests that the elimination of 49 the late hunt or establishing a harvest quota of 10 bulls 50 for the early season is not necessary to protect the

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1 Kenai moose population. If a conservation concern does
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  arise, the Kenai National Wildlife Refuge manager is
3
  authorized to close the late season in consultation with
4
  the Alaska Department of Fish and Game.
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6
                   Thank you, Mr. Chair.
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                   CHAIRMAN FLEAGLE: Thank you, Greg.
  Questions.
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10
11
                   (No comments)
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13
                   CHAIRMAN FLEAGLE: Summary of written
14 public comments. Donald.
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16
                   MR. MIKE: Mr. Chair. There's one
17 written public comment received, starting on Page 278 of
18 your Board book.
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20
                  And this was from Hans Bilben of Anchor
21 Point, and he comments that he's opposed to any Federal
22 subsistence priority hunting on the road system of the
23 Kenai Peninsula. He further comments, stating that he
24 supports Proposal WP07-22 submitted by Marvin Peters of
25 Homer.
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27
                   Thank you, Mr. Chair.
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                   CHAIRMAN FLEAGLE: Thank you. Public
30 testimony. Pete.
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                   MR. HAYNES: Mr. Chair. We have no one
32
33 signed up for this agenda item.
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                   CHAIRMAN FLEAGLE: Regional Council
36 recommendation. Ralph.
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                   MR. LOHSE: Thank you, Mr. Chair. The
39 Southcentral Alaska Subsistence Regional Advisory Council
40 opposes the request for the late all Federal moose season
41 in Unit 15B and C to be eliminated completely, or that
42 the Federal harvest be restricted to the previously
43 existing pre-season hunt with a total kill not to exceed
44 10 animals.
45
46
                   Our justification was only two moose were
47 harvested in 2006 by the subsistence users in the late
48 hunt. Moose harvest reports will go directly to the
49 Refuge manager. We've set up a registration hunt with
50 quick reporting so that the Refuge manager can keep track
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1 of what's going on. He has the authority to close the 2 season based on any conservation concerns. 3 4 And one of the statements by the 5 proponent of the proposal was that any hunt on vulnerable 6 late rut and post rut bulls is biologically 7 irresponsible. And we have some late hunts put out the 8 by the State, and so we don't see why there's any problem 9 with a subsistence hunt that's on the same animals. 10 11 Thank you. 12 13 CHAIRMAN FLEAGLE: Questions, Board 14 members. 15 16 (No comments) 17 CHAIRMAN FLEAGLE: Okay. The Alaska 18 19 Department of Fish and Game comments. Terry Haynes. 20 MR. HAYNES: Mr. Chairman. The 21 22 Department supports the option of repealing the late 23 season Federal hunt that's laid out in this proposal 24 since it has the potential to significantly disrupt both 25 bulls and cows and is inconsistent with recognized 26 principles of wildlife management. Disturbing large 27 bulls in October and November can jeopardize their over-28 winter survival rates, and is likely to be detrimental to 29 the long-range satisfaction of subsistence needs. 30 31 If the Federal Board elects to continue 32 the late fall hunt, we support modification of the 33 proposal to assign a harvest quota of 10 moose to the 34 late fall season, substituting our request for a maximum 35 quota of five large bulls to be allocated as we described 36 last year in response to the proposal that lead to the 37 current season, and that is, no more than two bulls that 38 have antlers with at least a 50-inch spread or at least 39 three brow tines on at least one side may be harvested 40 from Unit 15B, and no more than three bulls that have 41 antlers with at least a 50-inch spread or at least three 42 tines on at least one side may be harvested from Unit 43 15C. 44 45 Because at least 62 Federal registration 46 permits were issued for the 2006 late season hunt, the 47 potential for a substantially higher harvest than the two 48 that were reported last year is evident. 49 50 The Department is also concerned about

1 plans to issue only a single Federal registration permit 2 for the fall and late fall hunts next year, and seeks assurances that the permits will require hunters to 3 4 indicate when and where they hunted so that participation 5 in and the potential effects of the late season hunt can 6 be closely monitored. 7 8 We appreciate the fact that the Kenai 9 Refuge manager is authorized to close the late season 10 hunt if a conservation concern arises in consultation 11 with the Department; however, it is unclear how this 12 would actually work in practice. 13 14 Thank you. 15 16 CHAIRMAN FLEAGLE: Thank you, Terry. 17 18 Questions. Gary. 19 20 MR. EDWARDS: Thank you, Mr. Chairman. 21 22 The issue that was raised about 23 disturbing the large bulls at this time of the year, and, 24 you know, the response from the Regional Advisory Council 25 is that do you not have State hunts occurring at that 26 same time, and aren't you have -- do you not have the 27 same concern with those hunts. 28 29 CHAIRMAN FLEAGLE: Gino. 30 31 MR. DELFRATE: Thank you, Mr. Chair. 32 Gino Delfrate for the record. 33 34 I think it would be fair to say that we 35 do have concerns for our own State hunt disrupting the 36 rut. We've stated that on the record. We are monitoring 37 that hunt. It is a very small hunt in an area that is 38 closed to all other hunting opportunity, and so we will 39 be continuously looking at that in the future and may be 40 proposing to close that as well. 41 42 CHAIRMAN FLEAGLE: Okay. Thanks. Other 43 questions. 44 45 (No comments) 46 47 CHAIRMAN FLEAGLE: InterAgency Staff 48 Committee comments. Larry. 49 50 MR. BUKLIS: Thank you, Mr. Chairman.

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  The Staff Committee comments can be found on Page 268.
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  I'll summarize the main points.
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                   The Staff Committee found the
5 Southcentral Council recommendation to be consistent with
6 ANILCA Section 805(c). However, a cautionary note was
7 raised in the discussion of the Staff Committee regarding
8 the relatively large number of Federal permits issued
9 without a specified harvest quota. However, in view of
10 the small harvest in 206, and the regulatory provision
11 authorizing the Refuge manager to close the season if the
12 harvest poses conservation concerns, the Staff Committee
13 believes a harvest quota is not necessary at this time.
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15
                   Thank you.
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                   CHAIRMAN FLEAGLE: Thank you, Larry.
18 Questions.
19
20
                   (No comments)
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                   CHAIRMAN FLEAGLE: Board discussion.
23 Gary.
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                   MR. EDWARDS: Mr. Chairman. I move that
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26 we adopt the Southcentral Regional Council's
27 recommendation on Proposal 22.
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                   MR. OVIATT: I'll second.
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                   CHAIRMAN FLEAGLE: All right. We've got
32 a second. Was that from George? Thank you.
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34
                   And, Gary, do you want to justify your
35 motion -- give us a rationale, excuse me.
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                   MR. EDWARDS: Well, their action was to
38 reject the proposal, and certainly I don't feel that
39 we've heard any substantial evidence that eliminating or
40 restricting this fall season or establishing a harvest
41 quota is necessary to maintain a healthy moose
42 population.
43
44
                   Certainly I think there are concerns
45 raised about potentially disturbance of bulls as well as
46 the potential number of bulls that might be harvested.
47 That at least on the harvest level, that hasn't been
48 demonstrated to date, and I do feel that there would be
49 adequate safeguards in place, and that we could address
50 that and certainly if this hunt would -- or harvest would
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1 expand as the State thinks that it might, then we can 2 certainly come back and visit it. And I'm assuming that 3 certainly the RAC would certainly be willing to entertain 4 a potential of putting some kind of a limit on the 5 harvest. But at this point it doesn't seem like that's 6 necessary to do. 7 8 CHAIRMAN FLEAGLE: Other comments. Wini. 9 10 MS. KESSLER: Thank you, Mr. Chair. 11 12 Yeah, I'm swayed by a number of factors 13 on this in support of the motion. You know, a number of 14 entities worked together to develop and accept the bull 15 late season fall hunt. And last year was the first time 16 it was implemented. So I think it's a question of giving 17 it some time to work. As well, although 62 permits were 18 issued, there were only two moose taken. I really don't 19 think this is a significant impact. And as well we have 20 the safeguard that the Kenai Refuge manager is authorized 21 to close the hunt if necessary, so that takes care of any 22 conservation concerns I may have had otherwise. 23 2.4 CHAIRMAN FLEAGLE: Are we ready for the 25 question. All right. The question is recognized on the 26 proposal. Pete. 27 28 MR. PROBASCO: Thank you, Mr. Chair. 29 Proposal WP07-22 to adopt the Southcentral Regional 30 Advisory Council's recommendation to reject this 31 proposal. 32 33 Mr. Fleagle. 34 35 CHAIRMAN FLEAGLE: Aye. 36 37 MR. PROBASCO: Ms. Gottlieb. 38 39 MS. GOTTLIEB: Aye. 40 41 MR. PROBASCO: Mr. Cesar. 42 43 MR. CESAR: Aye. 44 45 MR. PROBASCO: Mr. Oviatt. 46 47 MR. OVIATT: Aye. 48 49 MR. PROBASCO: Ms. Kessler.

50

1 MS. KESSLER: Aye. 2 3 MR. PROBASCO: Mr. Edwards. 4 5 MR. EDWARDS: Aye. 6 7 MR. PROBASCO: Motion carries, six/zero. 8 9 CHAIRMAN FLEAGLE: That appears to 10 conclude Southcentral Alaska issues. I want to thank 11 everybody on the participation in that section. Thank 12 you for all your input, Ralph. 13 14 And maybe we'll just take a brief at ease 15 to let the next group of personnel get ready for the 16 Bristol Bay area. Five minutes. 17 18 (Off record) 19 20 (On record) 21 22 CHAIRMAN FLEAGLE: Good afternoon. The 23 Federal Subsistence Board is back on record. And we're 24 now going to take up the Bristol Bay region proposals. 25 But prior to moving ahead with that we do have a 26 presentation by Bruce Dale of the Alaska Department of 27 Fish and Game on the Mulchatna Caribou Herd, and I'd like 28 to turn it over to you, Bruce, introduce yourself and 29 welcome. 30 31 MR. DALE: Thank you. My name is Bruce 32 Dale. I do caribou and moose wildlife research for the 33 Department of Fish and Game out of the Palmer office. 34 And we recently have conducted some research and reviewed 35 some older research from the Mulchatna Herd and I was 36 asked to present that to you that'll help in your 37 deliberations on possibly adjusting seasons and bag 38 limits for the Mulchatna Caribou Herd. 39 40 If you'll look at the first slide, 41 probably most people here are aware that the Mulchatna 42 Herd's meteoric rise is over. These are their population 43 estimates through 2006. Most notably in about 1996 or so 44 the herd peaked at about 200,000 animals. In the last 45 four years in 2002, it had declined to 145,000 and then 46 two years later 85,000 and last summer it was down to 47 45,000 caribou. 48 49 A common reaction is that caribou herds 50 go up and down and so what, that's something we live

1 with. And I buy that. But still there's management 2 decisions that have to be made and allocation decisions 3 and so it seems worthwhile to take a look at what 4 happened a little bit so we can see where we're at now 5 more realistically, and use that to base whatever 6 predictions we can make for our adjustments for the 7 future. 8 9 Potential causes, I'm just going to go 10 real briefly here and quickly. Food limitation is 11 probably at the root of the decline. Populations get 12 high and can over-shoot carrying capacity by two or three 13 times, as noted in the literature from some Canadian 14 studies. Harvest I'll talk about a little bit more. 15 It's often implicated and often becomes important when 16 you get into allocation. Predation we'll talk about 17 later. Disease is probably -- might be associated with 18 food limitation, I'm going to talk a couple minutes on 19 that because we've done a fair amount of work on that. 20 There's reasons to suspect that there may be some sort of 21 climate or weather patterns that have affected what we 22 see with this herd. And I'm going to talk a little bit 23 more about age structure effects, which are going to 24 probably dictate what we see in the near future for this 25 herd. 26 Okay. We conducted a health assessment 27 28 and I'll just say that it's looking at a lot of old blood 29 samples that were collected years ago, new work on those 30 old archive samples as well as new blood collections and 31 we actually collected some animals. And the idea is to 32 gain a picture of how the health of these animals might 33 have changed, how the environment in terms of disease and 34 parasites might have changed through time. 35 36 Okay. The most interesting results we've 37 obtained so far is that in samples from 1988 to 1998, 38 which are substantial, these aren't small sample sizes 39 when they're compiled over years, you know, there are 40 over 100 samples, the first one I'm looking at here, 41 viruses, those bovine-respiratory viruses is actually a 42 suite of viruses. It was absent in the population 43 through 1998 and now we have a high exposure rate of 44 these viruses. In cattle, which is their usual host, we 45 don't know where they came from, I'll answer that 46 question first, but they can cause all sorts of things, 47 but primarily they're associated with pneumonia, and if 48 there's lung worm present, which there is, that pneumonia 49 can turn from viral pneumonia into bacterial pneumonia 50 and be quite lethal.

1 Basically the same thing with para-2 influenza virus III started showing up around 2001, now 3 it's real common. It's not only common in that herd but 4 in the Northern Alaska Peninsula Herd, which is to the 5 south of the Mulchatna Herd. 6 7 The same story for rhino-tracheitis, 8 these are basically pneumonia related viruses. 9 10 Leptospirosis is something we don't know 11 much about in terms of its effect on caribou but we do 12 see high rates of it. It's a bacterial infection 13 problems. 14 15 And then the last thing is we've 16 documented a copper deficiency. We didn't document a 17 selenium deficiency like we found in the Northern Alaska 18 Peninsula Herd and the copper deficiency doesn't seem 19 extreme but it could be another related factor. 20 21 So there are some health issues 22 associated with the herd. We are still evaluating how 23 prevalent those are and I'll be talking about a couple 24 other health issues later on, hoof rot especially. 25 26 One thing we did when we started looking 27 back at this herd is we compared it to what happened in 28 neighboring herds and I already mentioned the Northern 29 Alaska Peninsula Herd, but particularly telling, was what 30 happened with the Nushagak Peninsula Caribou Herd, which 31 was introduced in about 1988 with 147 animals, just 32 adjacent to the south and west of the Mulchatna Herd's 33 range, 147 animals, quite few, this is on this graph 34 here, I multiplied them by 100 so they would even show up 35 on the screen compared to the Mulchatna Herd, which, at 36 the same time was in 1988 was over 50,000 animals. But 37 when you look at the two herds and the trajectory they 38 did exactly the same thing over the same period of time. 39 The Nushagak Peninsula Caribou Herd, which was on 40 pristine range, peaked at about 13 -- a little less than 41 1,300 animals at about almost identically the same time 42 as the Mulchatna Herd peaked at 200,000 animals. And 43 what this tells us is that coincidences do occur or 44 conversely that something broader, not something local to 45 the Mulchatna Herd was influencing these populations, 46 like favorable weather changed to unfavorable weather. 47 There's some other interesting things here, the Nushagak 48 Peninsula Caribou Herd had very little harm through a lot 49 of the period, also virtually no wolves in comparison to 50 the Mulchatna Herd, so we have different harvest regimes,

1 different predator regimes, yet we see the same pattern 2 in both herds until the last couple of years so that also 3 gives us another perspective of what's going on in 4 Southwest Alaska. 5 6 Okay. This is work that Pat Valkenberg 7 and Jim Woolington did, they modeled this population just 8 using a couple of age classes. And the interesting thing 9 to note on this graph is the bulls really started to 10 decline early compared to the cows and calfs were kind of 11 variable from about 1998 on but previous to that time 12 there were lots of calfs in the population. 13 14 Okay. In fact -- oh, that doesn't show 15 up very good. From 1991 to 1998 there were about 35,000 16 calfs, they're in red, highlighted so you can't see them 17 -- 35,000 calfs recruited in the population every year. 18 This is reconstructed from some population modeling, 19 those are really big cohorts, 35,000 animals entering the 20 year is really big. And when you start thinking about 21 caribou, you know, typically 10 or 12 years old is an old 22 female caribou, six or eight is an old male caribou. 23 Well, that was 1991 to 1998. The youngest of those 24 cohorts from 1998 is just about to turn 10 years old so 25 we had a lot of animals getting very old in a short 26 period of time. And this -- I forgot to mention that the 27 health assessment was done in conjunction with the 28 National Park Service at Lake Clark, and this work that 29 I'm about to you show you is done with the Fish and 30 Wildlife Service and Andy Aderman of Togiak Refuge, along 31 with Jim Woolington the area biologist from Dillingham. 32 33 So we started to suspect some strong age 34 structure defects and we actually suspected it, this came 35 to our attention, and we started the modeling with the 36 Nushaqak Peninsula Caribou Herd because we knew the exact 37 age and sex of every animal that started off there. We 38 don't know that for Mulchatna because it started growing 39 back in the '70s and grew for a long period at a slow 40 rate before it started to take off at about this time. 41 42 Okay. So just to reiterate what we 43 expected was we had some strong age structure effects 44 from those giant cohorts. 45 46 Okay. So what we did was we did some 47 modeling, it's different from the usual models that the 48 Department uses and we did it with 12 different age 49 classes instead of the usual two or three and we looked 50 at the affects of that on what has happened so far and

1 we're also using that to see what we expect to happen in 2 the next couple of years. And in the interest of time, I'm not going to talk about how we did it, you just have 3 4 to trust us. 5 6 (Laughter) 7 8 MR. DALE: Okay, the next one. We did 9 use the ratio data as well as the population surveys is 10 the empirical data that we used for the models. 11 12 All right. Okay, next. So this is 13 actually going to be, I'm showing you the model results 14 year to year. Starting in 1988, and what you have along 15 the bottom there, left, with number 1 under it, that's 16 the number of female calfs that we estimated were five 17 months old recruited into the population in 1988. And I 18 actually made up the rest of the age classes, but going 19 out to 12 is animals that are essentially 12 years and 20 older in the fall. So as I go through these -- and then 21 in the upper right-hand corner it's highlighted which 22 year we're looking at, so this is 1988, so you can see 23 this is very early in the increase in the population. 2.4 25 So we'll just go to 1989, and you can see 26 that the number of calfs is coming up and the number --27 what happened there was the number of one year old's that 28 we expect survived to two year olds is now in the two 29 column, and everyone -- just each column just increments 30 older and older and older, so this is each age class as 31 we go through time. And you see the population's 32 increasing. Let's go a couple -- another one, that's 33 1990 and again 1991 and go one more, 1992. Now, the 34 important thing from this slide, is not this particular 35 year, but in general, what you have here is an age 36 distribution that is called stable in the lingo, but this 37 is what a population looks like, the age structure, with 38 younger animals comprising the majority of the population 39 and smaller and smaller age classes -- or members in each 40 age class as you grow older and older. And this is what 41 a growing population looks like, this is what a stable 42 population looks like after awhile. 43 44 Okay, let's continue on. 1993, you can 45 see this is during the period of really rapid growth for 46 the herd and it's pretty impressive. 47 48 Continue. And, continue, please. All 49 right, there's a little jump there to 1996 because there 50 was a pause of data there for a couple years, and so it

1 may not look exactly like this but something about like 2 this almost had to occur where by 1996 we had a little bit of a decrease in reproduction relative to the 3 4 previous years. And if you look at that number 4 age 5 class we have kind of a bulge in the age structure. Now, 6 if you have this situation, and reproduction doesn't 7 increase, over time is that those four and five year old 8 age classes get older and older, the population is going 9 to stabilize or decline, it's just the way it has to be. 10 11 So we'll continue on. And we had a 12 little bit of relief in 1998, which was a good cohort. 13 And some interesting things happened in the fall of 1998. 14 A high proportion -- for disease is a high proportion, 15 but a significant number of limping caribou were 16 observed, and it's hoof rot, which is a soil bacteria, 17 picked up by the animals under the right conditions, we 18 don't know what it does to them. We've had collars on 19 hand now for the last several years waiting to get 20 another little outbreak so we can mark the animals and 21 see whether it predisposes them to predation by wolves, 22 causes reproductive failure or just what it does. We 23 haven't had the opportunity, we're still working on that 24 one. And then in 1999 there were some reports of dead 25 calfs that spring and we don't know anything more than 26 that and over some fairly large areas there were reports 27 of dead calfs. 28 29 Okay, continue. And what that resulted 30 in was a marked change in reproduction for that year. It 31 really tipped over. 32 33 Okay, next. By 2001 the recruitment had 34 really gone down, we had some probably poor survival of 35 younger age classes and now we've got a population where 36 if you look at it, in 2001 there's a lot of eight, nine, 37 10 year old animals compared to those early slides. 38 Those numbers are really high. Remember when we started 39 out, those were a small portion of the population, and so 40 if you look at this you think, well, these animals, some 41 will live to be 16 years old, sure, but a lot are going 42 to die of one cause or another in the next few years and 43 if you look at where we're at now, 2001, this population 44 is tipping over hard. 45 46 So we'll continue on and that's exactly 47 what happens. Some years calf production is good, some 48 years it's poor. 49 50 Keep going. And you can see we still

1 have this large bulge in the age structure, older, 2 completely different shape to the age structure. 3 4 Again. 2004. Go ahead on up to 2006. 5 Now, when you look at the vital rates in here the birth 6 rates, the recruitment rates, the death rates that we 7 assume to get these declines, this population is 8 declining. If those turned around this winter and went 9 to rates that would be sufficient over time to produce a 10 one to two percent growth of the population, because of 11 these old nine and 10 year olds out there, this 12 population still declines to 2011. So we still have 13 several years of decline coming just because of the age 14 structure of the herd. And any remediation, whether it's 15 predator control or even good recruitment, it means that 16 we're not going to get a good response for a few years. 17 18 Now, this was all the female segment of 19 the population. 20 21 Go ahead. 22 To summarize this, we have kind of a 23 24 complex regional causes of decline. We wouldn't limit it 25 -- and we're not talking about local harvest or local 26 predation problems is driving the system. The age 27 structures is going to exacerbate the decline and high 28 harvest at this time could affect the recovery. 29 30 Okay. That was the female segment of the 31 herd. Bulls don't live as long so a lot of that age 32 structure affects is already over for the bulls. We 33 would expect to see a rapid increase in bull/cow ratios, 34 even if the herd continues to decline in the next few 35 years. But the important thing is is the bull/cow ratio 36 right now is at less -- at around 14 bulls per 100, way 37 below objectives. And the bull/cow ratio, in my opinion, 38 is critically low. Recent studies shows that 11 per 100 39 calfs are born five, six days late and we're at 14 per 40 100, I don't think in Western Alaska or anywhere where 41 you have full predator regimes and short fleeting summers 42 it would be good to have calfs born five days late due to 43 bull/cow ratio. So that definitely needs to be improved 44 right away. 45 46 Okay, next slide. So my recommendations 47 are to increase the bull/cow ratio now based on some 48 empirical and theoretical things we would like to see the 49 population not get less than 35,000 because at that point 50 in time increasing the affects of predation will slow the

1 recovery of the herd. That's kind of a controversial 2 number but I talked to several people and although nobody 3 agrees on the number the principle is sound. And those 4 are basically the recommendations. If we could pick out 5 a way to harvest old cows, we would do that. 6 7 Okay. Just finally here what we're going 8 to be looking at very closely in the next few years is 9 that if the bull/cow ratio does not improve we're going 10 to have to eliminate all bull harvest, in my opinion, and 11 we'll have to drastically reduce, more drastically reduce 12 harvest if population approaches 35,000, which, you know, 13 it probably is headed that way. 14 15 Okay, that's it, no, I'll just skip that, 16 and I think that's it, just in the interest of keeping it 17 short, my allotted time, that's sort of the biological 18 situation as we see it in the Mulchatna Herd right now. 19 Oh, Marianne, can we get the next slide. 20 21 MS. SEE: And the one after that. 22 23 MR. DALE: One more. 2.4 25 MS. SEE: Thank you. For the record my 26 name is Marianne See with the Division of Subsistence at 27 Fish and Game. And there's four additional slides that 28 are quick but they have to do with how this ties into the 29 harvest information. I hope you can read that. 30 31 But the State Board of Game has to go 32 through a process to look at subsistence and how it 33 provides for subsistence in an allocation. So they 34 essentially look at, is there a customary and traditional 35 use -- yes, and that's been determined and reconfirmed. 36 37 Is there a harvestable surplus -- yes, 38 that determination has been made based on biological 39 information. 40 41 What is the amount reasonably necessary 42 for subsistence -- that has been determined as well, it's 43 2,100 to 2,400 for the Mulchatna Herd in GMU's 9A, 9B, 44 17, 19A, in a portion of it, and in 19B. 45 46 And does the harvestable surplus allow 47 for all or only some uses -- and that matter then becomes 48 a matter that the Board determines. 49 50 If we could go to the next slide, please.

1 Okay. And we looked at -- the Division of Subsistence 2 prepares information for the Board to evaluate the extent 3 to which we have information about subsistence uses and 4 there are several sources. This is just to show you, 5 and, again, this presentation was also given to the Board 6 of Game in March, there are several sources of reliable 7 information that can be used to develop information about 8 the extent of subsistence uses of these caribou. 9 10 Next slide, please. Okay, there are two 11 additional slides in this part of the presentation that 12 we offered to the Board. In this one we took information 13 that we found the most comparable kind of information, 14 which is when you can compare in the same year, the 15 harvest survey information that's developed by Division 16 of Subsistence harvest survey studies as well as harvest 17 ticket information. And the most recent year for which 18 we have both is the 2001/2002 regulatory years, so that's 19 where we developed this chart. And what this shows, 20 there are two bars here, one showing that you have 21 harvest ticket information as well as household 22 information. And the household survey data is the bar, 23 the darker bar on the right. The values are fairly close 24 actually. In these kinds of data we would consider those 25 numbers, those bars to actually be pretty closely 26 similar. The number at the bottom is the important one 27 to look at here, there's one, two, three, four and then 28 five or more across the bottom of the screen. What that 29 refers to is the number of caribou harvested. And what 30 this shows, because the predominant bars that you see 31 here are highest on the two left categories, in other 32 words, one and two caribou that there's a pretty clear 33 and significant trend here that the hunters in these 34 areas are hunting for one or two caribou as opposed to 35 more than that, that's the predominate figure. So we can 36 conclude from this that most hunters take one or two 37 caribou, that if you look at harvest ticket data, that 74 38 percent of hunters took one or two caribou and 26 percent 39 took more than two. If you look at household survey 40 data, the data are really quite similar, 79 percent of 41 hunters took one or two caribou and 21 percent took more 42 than two. Essentially those are not significantly 43 different numbers. The trend is certainly very much the 44 same. 45 46 So that's what we could derive from 47 looking at those sources of data and it was really useful 48 to be able to compare it within one regulatory year. 49 50 And the last slide, please. And this is

1 harder to read but it's really trend information. Along 2 the bottom you can see specific communities and so we 3 compared the number and this is kind of an exhaustive 4 exercise but we compared all the information from harvest 5 tickets as well as all the harvest survey information for 6 each of these communities to get information on number of 7 caribou 8 taken by the successful hunters by each community. Now, 9 the scale on the left only goes from zero to 4.5, so when 10 bars are different -- they're really not very different, 11 we can see that, again, the darker bar is the harvest 12 survey and the lighter bar is the harvest ticket. So for 13 the most part they're pretty closely similar. If you 14 look at the -- let's see, it goes zero, .51, 1.5 and 2, 15 and I apologize it's hard to read, but you can see that 16 most of the data close to right around two or somewhat 17 less than two animals. So the average is about two 18 caribou and that's a helpful thing to see, that it tends 19 to be true in most communities. Right in the middle of 20 the chart you can see there's a difference between in 21 Levelok where there's four coming out of the harvest 22 survey data, I've learned that that was because there 23 were only a couple of harvest tickets returned so 24 essentially it's askew. If you had a better 25 representation of harvest tickets from the community it 26 might well look more like what we found in the harvest 27 survey. So there are some skews in here just because of 28 the low number of harvest ticket returns. But in general 29 you get a more resilient look at the harvest information 30 by community when you can use this kid of analysis. And 31 there'll be other information about Board of Game action 32 from this information when the Department offers 33 comments. 34 35 I'll be happy to answer any questions. 36 Thank you. 37 38 CHAIRMAN FLEAGLE: Questions on either 39 portion of the presentation. 40 41 (No comments) 42 43 CHAIRMAN FLEAGLE: That was a good 44 presentation, Bruce. Been interested in the biology of 45 this herd for quite awhile being on the -- my past 46 history and I remember in 1996 when that herd was peaking 47 they were exploring for new range and they ended up in 48 McGrath, and had we had the traditional knowledge of 49 elders that have dealt with caribou in the past we would 50 have known to let those scouts through and enjoy the

1 country and go home and bring others back and establish 2 territory but we were experiencing our decline in moose 3 right about then very acutely and the Department said, 4 wow, we need to harvest those animals so emergency open 5 five caribou a day and we got them. 6 7 (Laughter) 8 9 CHAIRMAN FLEAGLE: And in 1998 they came 10 back, same story and, you know, it's just who's to know 11 what would have happened. And the old-timers that we've 12 talked to that have caribou in their region said always 13 let the scouts go and so maybe we would have had a little 14 better survival of that herd if we would've let them 15 establish up in our country. But, anyway, it's too bad 16 to see that they're crashing so disastrously, I mean I'm 17 shocked that it's down to 45,000 you said from over 18 200,000. 19 20 MR. DALE: Yeah. Yeah, and it's been 21 real precipitous. But, you know, a lot of those animals 22 have died in the last four years are probably a lot of 23 old animals that contribute -- I've done various 24 analysis, but, you know, up to half of them could have 25 just been real old gummers and probably don't contribute 26 very much to reproduction and that sort of thing. But, 27 still, it's a very catastrophic decline. They came down 28 faster than they went up and that's hard to believe 29 because they went up pretty fast. 30 MR. REAKOFF: Mr. Chairman. 31 32 33 CHAIRMAN FLEAGLE: Yeah, Jack, go ahead. 34 35 MR. REAKOFF: I'd like to ask a couple 36 questions if I may. 37 38 CHAIRMAN FLEAGLE: Sure. 39 MR. REAKOFF: I was wondering what your 40 41 management objective for bull/cow ratio is for the 42 Mulchatna Herd? 43 44 MR. DALE: I believe it's 30 or 35, I'm 45 not sure. Jim Woolington would know that right off hand, 46 but it's at least double of what..... 47 48 CHAIRMAN FLEAGLE: Thirty sounds right. 49 That's the number I remember. 50

1 MR. DALE: Yeah, that's typical. For caribou, you know, typically 30, 35. The rut is so 2 3 synchronized that bull/cow ratio has always been a fairly 4 important trigger for management of herds. 5 MR. REAKOFF: Well, I'm very concerned 6 7 about this Mulchatna Caribou Herd and its demise. And I 8 feel -- I had the data in our Council book in our March 9 meeting, I went through and grafted, according to -- it 10 looks very similar to your graphs there. I'm very 11 concerned about the large bull component being down to 12 1.33 bulls per 100 cows, that's a terrible bull/cow 13 ratios of adult bulls. It's five bulls per 100 cows. 14 The smoke screen of this data in percentages and so 15 forth, I had to sort this data out to make it make any The bottom line is these are terrible bull/cow 16 sense. 17 ratios and when the Board of Game allowed non-resident 18 harvest of bulls, targeting bulls, on this extremely low 19 bull/cow ratio, I feel it's unconscionable. It would be 20 my opinion that what should have been implemented would 21 be exclusion of any bull with a shovel to target older 22 cows and to target smaller bulls and reserve the large 23 bull component. I'm highly concerned about the current 24 State implementation of a bull non-resident hunt there 25 for 15 days on the Mulchatna range. 26 27 I feel that this is going to retract this 28 herd to its core area, they won't migrate to the 29 villages. And in Unit 19A and B, which is in the Western 30 Interior, we're already on moose moratoriums over there 31 and I'm very, very concerned about this issue. 32 33 I was wondering what the Department is 34 going to -- what's the planning for returning this 35 bull/cow ratio to proper management guidelines? 36 37 MR. DALE: Yeah, if I may respond to 38 that. The Department certainly shares your concern. And 39 last fall we began a very large study of the bull 40 component of this herd, which is a really very poorly 41 study component of caribou biology. There's really only 42 been one other study that targeted bulls and that was by 43 Lane Adams, who you talked to earlier today on the 44 Mentasta Herd in Unit 11, completely different, very 45 robust animals, really good condition, small low density 46 and what they found out was that the proportion of large 47 bulls was not all age-related. There was a lot more 48 variation to where they went or other unexplained 49 variation but basically food. Their nutritional 50 performance that resulted in how many bulls were large.

1 Some bulls were very large one year and then would fall 2 into our management categories of small, medium and large 3 the next year. 4 5 Now, we know we have a nutritional 6 component to our problem in Mulchatna. We also know that 7 we have a spacial issue where the bulls are skewed 8 towards the west basically and the actual ratio of large 9 bulls in amongst a lot of the cows is even lower so we 10 have undertaken a very large study of that segment of the 11 herd. 12 13 Now, in terms of the management strategy, 14 the Board, Gino will -- oh, you're here, Gino, well, just 15 stop me when I get in too deep, the Board's actions 16 reflected that the non-resident harvest has been 17 declining very rapidly in the last few years. And that 18 participation, because the word's out that the Mulchatna 19 is not a good place to go hunt large bulls anymore and 20 they made the decision to continue it. Like I said one 21 of our key triggers is this bull/cow ratio, if it doesn't 22 prove, again, this fall, we'll be back at the Board. The 23 Department shares that concern. We thin that 14 per 100 24 is very low and in my opinion it's critically low. 25 26 But also our exercise, as I just showed, 27 you know, do predict, for what that's worth, that the 28 bull/cow ratio -- and there's empirical data, too, the 29 Nelchina, when it went through a similar phase, once that 30 age structure problem had run its course the bull/cow 31 ratio came back fairly rapidly and that has been seen 32 other places, too, even in Denali Park with no hunting 33 when that population crashed, it got down to 27 bulls per 34 100 cows and then once it reached a certain point it came 35 right back up. 36 37 So we are watching it and we share your 38 concern. 39 40 MR. REAKOFF: Mr. Chairman. 41 42 CHAIRMAN FLEAGLE: Go ahead, Jack. 43 44 MR. REAKOFF: It's my perception that 45 this area has a large population of brown bears that kill 46 caribou calfs. It indicated when it started its increase 47 that they exceeded their predator load and so now we're 48 approaching back down to where they're going to get stuck 49 again. Large bulls breed, all of -- a lot of the cows in 50 a very short period of time, we need to conserve that

1 large bull component. One more year of this kind of bull 2 harvest could push this herd right on its nose. I am 3 very concerned. 4 5 I've watched various herds of moose, 6 throughout the Interior of Alaska, when we get these 7 bull/cow ratios down in the toilet they throw -- small 8 bulls throw lightweight calfs that are under a longer 9 endurance for predation and so then we start into these 10 longer, these steeper declines in populations and I'm 11 very -- extremely concerned. We got moose moratoriums 12 over on the Kuskokwim River, this caribou herd's in a 13 nose dive. I could hardly believe the Board of Game 14 allowed non-resident participation for bull harvest. I 15 could hardly even believe it. 16 17 This population should be conserved for 18 residents of Alaska only, period. 19 20 And I think that one more year, I see 21 last year's harvest by non-residents was 425, you 22 maintain that kind of harvest percentage on this very 23 small large bull component, that's the telling factor of 24 maintaining a breeding structure. How they present 25 antler shows their health of that individual animal. So 26 we've basically got 1.33 large bulls per 100 cows. 27 That's way too few bulls to breed all these cows in a one 28 week period (ph). 29 30 I'm very concerned about this issue and 31 that's why I bring it up before the Board. 32 33 Thank you. 34 35 CHAIRMAN FLEAGLE: Thank you, Jack. And 36 I think the concern is well heard by Department Staff. 37 I'm not sure what else we can add. I agree that the 38 Board actions aren't always in keeping with Department 39 recommendations, I'm talking about the other Board, 40 having been there. And, you know, there's -- I share 41 your concern, I mean having been involved with this herd, 42 having eaten from this herd for at least two years, yeah, 43 we really need to watch it. And whatever we can do from 44 our perspective here on the Federal side, I think we 45 really need to watch what we do as well. 46 47 And, Bruce -- Gino, you had a comment. 48 49 MR. DELFRATE: Yeah, thank you, Mr. 50 Chair. And in keeping with brevity here, I think I

2 about the bull component of this herd and we had quite a 3 bit of discussion about this before the Board meeting 4 convened in March and we did discuss whether or not to 5 exclude all non-residents. And when we looked at the 6 harvest to-date of -- from orange report cards that had 7 come in, the non-residents have kind of left the unit 8 already, they're hunting elsewhere. We had 200 caribou 9 that were reported and typically most of the non-resident 10 hunters are the first to report. Most of the resident 11 hunters that are hunting late in the winter time do not 12 report until after the end of the season. And so it was 13 pretty clear to us that there was very little impact from 14 the fall season, with only 200 caribou reported out of 15 that herd. 16 17 We chose, or at least we discussed with 18 the Board whether or not to maintain a skeleton framework 19 of our basic management strategy which is to allow that 20 in place with the theory that this herd will turn around. 21 And we're going to look at this again in two years, we 22 told the Board we'd be back in two years if anything 23 looked out of sorts, if the bull ratio continues to 24 decline, if Bruce's research project indicates that there 25 are significant issues that we need to address we'll be 26 there sooner. But we do share the same concerns. We've 27 talked about it internally. We've talked about it at the 28 RAC meetings as well as the Advisory Committee meetings 29 and the Board of Game and we're doing it here. So it's 30 front and foremost and within our region. 31 The other difficulty with managing the 32 33 Mulchatna Herd is that for Fish and Game this herd spans 34 five game management units across three regions and so 35 coordination within the Department is quite the task 36 because we have to get everybody involved and we did a 37 really good job prior to the Board meeting and we'll 38 continue to look at it. 39 40 CHAIRMAN FLEAGLE: As far as the harvest 41 data that you guys presented and the subsistence numbers, 42 I think you said 21 to 2,400 amount necessary and what 43 was the annual harvest recorded last year? Roughly. 44 45 MR. DELFRATE: Mr. Chair. At the March 46 meeting we did not have last year's harvest rate. The 47 previous year, which was the 2005/2006, we were right at 48 about -- within that 21 to 2,400 range and actual animals 49 harvested this year, we suspect that it's going to be 50 less than that 2,100. But those animals are still

1 repeat what Bruce said is that we are very much concerned

1 available for harvest. 2 3 CHAIRMAN FLEAGLE: But that pushes you 4 into Tier I situation pretty quickly, wouldn't it? 5 6 MR. DELFRATE: We're close. 7 8 MR. REAKOFF: Mr. Chairman. 9 10 CHAIRMAN FLEAGLE: Well, I've seen that 11 game played also over in Glennallen, I mean Unit 13 on 12 moose. I mean we did the same thing over there, you 13 know, 600 moose available, 600 moose needed so, yeah, we 14 can still do a -- anyway. 15 16 Jack. 17 18 MR. REAKOFF: Mr. Chairman. The data 19 that was presented to the Western Interior Council shows 20 that the '05/06 harvest for total, for residents and non-21 residents was 1,991 animals, that's below the subsistence 22 amounts necessary under State regulations. 23 2.4 This year with the declining herd that 25 could be even lower. 26 27 I'm confused by the Game Board's actions. 28 29 CHAIRMAN FLEAGLE: It sounds like we had 30 another comment. Randy. 31 MR. ALVAREZ: Thank you, Mr. Chairman. 32 Т 33 should jump in here. If you guys would turn to Page 284 34 it has a table there on top and that table, the last year 35 available, they don't have the '06 and '07 because that 36 information hasn't come in yet, but if you'd look at 37 '05/06 resident harvest is at 1,507 and as Jack had 38 stated it's a total of 1,991, but the non-resident is 39 still taking 426 caribou. If you would figure out that 40 the population of large caribou for the Mulchatna is 1.3 41 percent of the -- 14.9 percent are bulls, out of the 14.9 42 percent, 8.9 percent of the 14.9 comes out to 1.3 percent 43 are large bulls left. So if the population of Mulchatna 44 caribou is at 45,000 and you figure 1.3 percent of that 45 are large bulls it comes out to about a little over 580 46 large bulls left in the herd. 47 48 If you look at the non-resident harvest, 49 '05 and '06, they harvested 426 caribou. So if they 50 would do that again, how many large caribou are we going

1 to have left. What the Board of Game did, I think was 2 not -- was wrong by letting non-residents continue to harvest those caribou in our opinion. And by eliminating 3 4 those, the genetics is going to be gone for large 5 caribou, you know. For instance, you know, the same 6 thing with kings, for instance, some of the fish aren't 7 as big as they used to be. My children aren't very big, 8 you know, I've got cousins -- for instance I got a 9 cousin, she's from a -- her -- my cousin's relatives are 10 bigger than me and she married a guy from Cordova, well, 11 they have a 17 year old son now that's 7'1" weighs about 12 300 pounds, you know, that's genetics, you know. 13 14 (Laughter) 15 16 MR. ALVAREZ: I can't make kids like that 17 although I'm related to her. 18 19 (Laughter) 20 21 MR. ALVAREZ: So by eliminating those 22 large caribou it's going to be disastrous. 23 2.4 And I guess I'll comment later on when it 25 comes up to our.... 26 27 CHAIRMAN FLEAGLE: That's a good idea. Ι 28 mean we may want to have some policy discussions as to 29 possible involvement maybe when we bring this up. 30 31 Ken, did you have a comment. 32 33 MR. TAYLOR: (Shakes head negatively) 34 35 CHAIRMAN FLEAGLE: Okay, no. It's 6:05, 36 appreciate the presentation. Let's see we said we're 37 going to break about 6:05 -- I mean 6:00 o'clock for 38 dinner -- about 6:05, duh, and how about if we come back 39 at 7;15 and we'll work for a little bit this evening. 40 41 Thanks. 42 43 (Off record) 44 45 (On record) 46 CHAIRMAN FLEAGLE: The Federal 47 48 Subsistence Board is back on record. I want to apologize 49 for setting a time for return that we couldn't keep. A 50 bunch of us escaped the building and went across the
1 street to the restaurant and they only had one server who 2 was also the person that took the money for getting out 3 who was also the person that seated everybody and I think 4 they only had one cook so it was kind of a slow 5 operation, but it was good. 6 7 (Laughter) 8 9 CHAIRMAN FLEAGLE: My intent is to go to 10 9:00 o'clock. That will give everybody a chance to go 11 home and get some sleep tonight before we start tomorrow. 12 And we left off with the Bristol Bay area. 13 14 MR. PROBASCO: 23. 15 16 CHAIRMAN FLEAGLE: 23. 17 18 MR. PROBASCO: Uh-huh. 19 20 CHAIRMAN FLEAGLE: All right, 07-23, 21 we'll start out with the analysis and we have new Staff 22 at the table, introductions, please. 23 2.4 MS. GREFFENIUS: All right, good evening, 25 Mr. Chair and members of the Board and Council Chairs. 26 For the record for introduction my name is Laura 27 Greffenius and I'm a wildlife biologist on the OSM Staff. 28 And next to me is Cliff Edenshaw, he's the coordinator 29 with the Bristol Bay Council. And so in about three 30 minutes, Mr. Chair, so this will be -- we covered most of 31 it before the break. 32 33 CHAIRMAN FLEAGLE: Thank you. 34 35 MS. GREFFENIUS: So I wanted to thank 36 Bruce for the informative presentation and he's -- I 37 don't see him but the other State representatives are 38 here and also to Marianne See for the additional 39 background so that really covered most of it. And since 40 Bruce had provided the population dynamics and the 41 biological background for the Mulchatna Caribou Herd, 42 I'll focus my discussion on summarizing the proposed 43 changes and the regulatory updates and so I won't go into 44 the biology aspects since we covered most of that. 45 46 So the Staff analysis for this proposal 47 begins in your Board book on Page 275. WP07-23 was 48 submitted by the Bristol Bay Regional Advisory Council 49 and the proposal requests the Federal regulations for 50 harvest limits of caribou in Units 9B and 17 align with

1 current State regulations. And the open seasons would remain the same but harvest limits would be reduced from 2 five to three caribou, would remove the restriction on a 3 4 bulls only harvest in the fall and allow no more than one 5 caribou to be harvested prior to November 30th. 6 7 And as you heard in the previous 8 presentation, due to the herd's drastic decline in 9 population, the proposed changes were generated from 10 concerns to maintain a healthier population. So relevant 11 to this proposal, we've already discussed this somewhat, 12 is are Alaska Board of Game actions, the following is a 13 brief background and update. In March of 2006, so a year 14 ago March, the Board of Game adopted regulations to 15 reduce the harvest limit from five to three caribou and 16 to reduce the fall bull harvest and these harvest limits 17 are what is currently in effect for this regulatory year, 18 2006/2007. I point that out because the intent of the 19 proposal, when it was submitted, was to align with the 20 current regulations. Then during its March 2007 meeting 21 in Anchorage, the Alaska Board of Game further reduced 22 harvest limits in open seasons across the range of the 23 herd. And the main changes are that the resident harvest 24 limit has been reduced to two caribou but no more than 25 one caribou can be taken between August 1 and January 26 31st, so that timeframe was lengthened and no more than 27 one can be a bull. And resident seasons throughout the 28 range were aligned to August 1 to March 15th. In 29 addition the Board of Game continued the non-resident 30 season, as we already mentioned, and reduced the length 31 of the non-resident season in September 1 through the 32 15th with a one caribou harvest limit. And these new 33 State regulations for the general hunt will become 34 effective July 1, 2007. 35 36 I just wanted to direct you, we already 37 covered most of the biology but just since it was 38 mentioned by Mr. Reakoff to mention the table on Page 283 39 regarding the bull/cow ratio, the first column there, 40 mentions the percentage -- the bull/cow ratio and also 41 the percentage of bulls, so just scanning some of those 42 numbers can give you an idea of what we were discussing 43 before, and the current population figure's not in that 44 table since it was put out before that was put out by the 45 State. And also at the top of Page 284 is the harvest 46 information that we had discussed prior to the dinner 47 break. 48 49 So I'll go right into a few highlights of 50 the effects of this proposal. They are, if adopted, the

1 Federally-qualified subsistence users would still have an 2 opportunity to harvest caribou but their harvest limit would be reduced from five to three caribou and the 3 4 restriction on a bulls only harvest in the fall would be 5 liberalized to either bulls or cows. The caribou 6 affected by this proposal are in a herd whose range 7 includes Units 9B, 17, 18 south, 19A and 19B. The 8 regulatory changes should take place in all these units. 9 And also another effect in Unit 18, the modified proposed 10 regulation would shorten the Federal season by one month 11 from April 15th to March 15th as this aligns with the 12 current State regulation. 13 14 The OSM preliminary conclusion is to 15 support with modification to include Units 18, 19A and 16 19B. This modified regulation would be as it is listed 17 on Pages 287 to -- 286 to 287 in your Board book. 18 Including the additional units in the modification would 19 align the harvest limits and open seasons across the 20 range of the herd with the 2006/2007 State regulations. 21 As noted previously, in March 2007 the 22 23 Alaska Board of Game adopted the new State regulations 24 for the general hunt for the Mulchatna Caribou Herd and 25 effective during the next regulatory year to further 26 reduce and change harvest limits and open seasons. And 27 to point out, the modified Federal regulations, as 28 proposed in the OSM preliminary conclusion, would provide 29 a higher harvest limit than the new State regulations. 30 31 That concludes my overview of WP07-23. 32 Thank you, Mr. Chair. 33 34 CHAIRMAN FLEAGLE: Thank you, Laura. 35 Questions. 36 37 (No comments) 38 39 CHAIRMAN FLEAGLE: Summary of written 40 public comments. Cliff. 41 42 MR. EDENSHAW: Thank you, Mr. Chairman. 43 Board members. On Page 288 there was one written public 44 comment from the Lake Clark SRC and the Lake Clark SRC 45 supports reducing hunting pressure on the Mulchatna 46 Caribou Herd to reverse the declining population trend 47 and allow the number of animals to stabilize. 48 49 That concludes the written public 50 comments, Mr. Chair.

1 CHAIRMAN FLEAGLE: Thank you. Pete. 2 Public testimony. 3 4 MR. PROBASCO: Yes, Mr. Chair. We have 5 one public member to testify on this agenda item and that 6 is Mr. Tim Andrew. 7 8 CHAIRMAN FLEAGLE: Tim Andrew, come on 9 up. 10 11 MR. ANDREW: Good evening, Mr. Chair. 12 Members of the Board. For the record my name is Timothy 13 Andrew. I am the director of Wildlife Resources for the 14 Association of Village Council Presidents based in 15 Bethel, Alaska. And I'm not going to make my testimony 16 very long, in fact, it's going to be pretty short just to 17 facilitate the speedy conclusion to this evening's 18 meeting. 19 20 We are extremely concerned about the 21 status of the Mulchatna Caribou Herd, it's declined from 22 over 200,000 animals down to 45,000 animals within a 10 23 year period of time. During the month of March we 24 attended the Board meeting and at that time we advocated 25 for the reduction of a subsistence take and we also 26 advocated for the elimination of the non-resident take at 27 that meeting as well. 28 29 And our basis for advocating for the 30 elimination of the non-resident take was the non-resident 31 hunters primarily target the large bulls and I'd like to 32 thank Mr. Reakoff and Mr. Alvarez for exposing some of 33 the aggravating issues that relates to the bull/cow 34 ratio. The State currently has a 35 to 100 bull/cow 35 ratio target goal and it is now down to 15 according to 36 some of their documentation. We advocated for the 37 reduction to hopefully build the population of the 38 Mulchatna Caribou Herd to hit some higher levels where it 39 will be a sustainable harvest for a long-term continued 40 subsistence use by the people that reside in the AVCP 41 region. 42 43 The people in the Lower Kuskokwim 44 Corridor are basically in a real dire situation at this 45 point as far as their need for a large mammal harvest and 46 subsistence resource. In Unit 19A they're currently in a 47 Tier II situation under State management and Federal draw 48 permit for moose. And with the reduction of the 49 Mulchatna Caribou Herd, that basically places a number of 50 our villages, starting from the far reaches in the upper

1 portion of Unit 19 all the way down to the mouth down to 2 Tuntutuliak, Eek and Quinhagak and some of those 3 communities. 4 5 And according to some of the more recent 6 statistics that we got from the Institute of Social and 7 Economic Research indicate that people out there consume 664 pounds per capita of wild food consumption. That, in 8 9 itself indicates that the caribou herd or the caribou 10 population or their dependence on caribou is extremely 11 high and we feel that we need to protect this resource 12 and build it to the point where people can continue to 13 harvest for their subsistence needs. 14 15 We also submitted a Legislative funding 16 request to the Alaska State Legislature within this past 17 week, in fact, it might have been a couple of weeks ago 18 to establish the Mulchatna Caribou Herd Working Group, 19 something similar to the Western Arctic Caribou Herd 20 Working Group in hopes to develop a collaborative and 21 deliberative group in addressing some of these declines 22 and some of the management challenges we face in 23 providing for subsistence take. Not only subsistence 24 take, but also for the sport harvest and wildlife viewing 25 as well. 26 And the latest indicator is from some of 27 28 our Legislative staff is that that funding request will 29 not likely be -- would not likely be considered at this 30 Legislative session and we intend to resubmit the funding 31 request for 2008. And we really, really appreciate the 32 support that we got from the Western Interior Council for 33 the development of this working group and also from the 34 YK RAC. 35 36 And that concludes my testimony, Mr. 37 Chair. 38 39 CHAIRMAN FLEAGLE: Thank you, Tim. 40 Ouestions. 41 42 (No comments) 43 44 CHAIRMAN FLEAGLE: Appreciate it. And 45 that's it, right, Pete. 46 47 MR. PROBASCO: That's correct, Mr. Chair. 48 49 CHAIRMAN FLEAGLE: Okay. We turn to the 50 Regional Council recommendation. Randy.

1 MR. ALVAREZ: Thank you, Mr. Chair. Our 2 Council submitted this proposal back in October, and when 3 we submitted the proposal. It was in reluctance because 4 our -- the population numbers that were given to us back 5 then were at 85,000 and I was -- it would have been 6 similar to the moose proposal that got on consensus that 7 we objected -- we opposed our proposal -- that moose 8 proposal, and I was going to also oppose this proposal 9 that we had submitted for caribou at 85,000, I didn't 10 think it -- that restricting it down to three to match 11 the ADF&G's numbers was justification. But when we got 12 to the meeting, our RAC meeting in March, the ADF&G gave 13 us the new numbers at 45,000, and this was before the 14 Board of Game was to meet in March, and since then they 15 came up with new regulations. But at our February 16 meeting in Naknek we went along with our proposal to 17 limit it down to three, the bag limit. 18 19 At that meeting, there was an ADF&G 20 proposal that came out that was acted on in March by the 21 Board of Game, that proposal by ADF&G, they wanted to 22 limit it down to one and they were also -- they were 23 proposing to restrict non-residents to no hunting at all 24 in Unit 17B and in 19B, and we felt that was a good --25 was adequate decided because 17B and 19B is where most of 26 the non-resident hunters get dropped off in the hills, 27 kind of the dividing line between the Nushagak and the 28 Kuskokwim and that range of hills extends quite a ways 29 and that's where most of the non-resident harvest was. 30 And so at least I was satisfied with that because if --31 some of the people figured there shouldn't have been a 32 non-resident hunt but I argued that if they're going to 33 have a non-resident hunt they shouldn't have it in 19B 34 and 17B because that's where they might -- that's in the 35 middle of the Mulchatna Range if you'd look on the map. 36 And what they were doing in the past and since the 37 explosion, the caribou population went up to 200,000 38 there'd be sometimes, from what I was told, from around 39 in the year 2000 and probably a little before that and a 40 little later than that as many as a thousand hunters over 41 there and they were actually turning the caribou when 42 they were migrating back down towards 9B [sic] and for a 43 few years there, and, in fact, still the caribou haven't 44 been showing up in the falltime, they don't come down 45 until early winter, around Thanksgiving, sometimes until 46 around Christmas before they show up down on the Kvichak 47 and then you have to wait until freeze-up is adequate 48 enough so you can go out and harvest caribou. But with 49 non-residents doing that it kind of eliminated our fall 50 caribou harvest because there wasn't any around, they

1 were actually turning the caribou, they were heading them 2 back towards the Taylor Mountains. And I was told that by the Department, more than once, I was asking them 3 4 where's the caribou at, and they says well they were up 5 there but it looks like there's so much pressure they 6 headed back toward the Taylor Mountains. 7 8 So we, as a Council, thought that with 9 the ADF&G proposal that the non-residents would not be 10 allowed to hunt in 17B and 19B, we thought that would 11 help but apparently at the March Board of Game meeting 12 they didn't do that. They changed their mind and I --13 I've been asking the Department today for the regulations 14 that happened at the Board of Game meeting here in 15 Anchorage in March after our RAC meeting and I haven't 16 had a copy of those regulations. I've heard that the 17 Board did drop the bag limit down to two, they eliminate 18 the fly and land and shoot and they shortened the season 19 some and they restricted the non-resident somewhat, all 20 they did was shorten the season down to two weeks and I 21 don't think that's adequate enough and I've been trying 22 to come up with -- find out what the Board of Game did, 23 to the best of my -- I've been getting conflicting 24 changes and I believe it's they didn't restrict the non-25 residents in any of the Mulchatna area, they just 26 shortened the season. 27 28 And we don't think that's good enough. 29 And, because if you look at the table on Page 383, it 30 shows you kind of the history of the harvest for the 31 Mulchatna caribou down to 2006 and '07, the first column 32 is almost 15 bulls to 100 cows and then the next -- the 33 calfs are at 25.5 which is kind of -- which is probably 34 sustainable but it's low, it should be around 30, 35 to 35 be high. Then it shows the percentage of calfs. The 36 percentage of cows is about 76 percent. And it gives you 37 the percentage of bulls, small bulls, medium bulls and 38 large bulls, well, that 8.9 percent of large bulls is 39 only -- it's 8.9 percent of 14.9 percent, which is --40 which equates to one -- the amount of large bulls in the 41 whole heard is only 1.3 percent of the whole herd and if 42 you do the math it comes out to about 585 large bulls out 43 of 45,000, which is -- I think it's a conservation issue. 44 45 It has to be. 46 47 And if you look at the next page, the 48 table on top there, the reported harvest for the last 49 year, 2005/06, the non-residents harvested 426, that's --50 if they were to do that when there's only 585 large bulls

1 left, you know, that's what they're targeting, there 2 might not be -- you know, we're going to destroy the 3 genetics if that continues. And I guess we still support 4 a three bag limit but, you know, that's caribou. I could 5 see by -- you know, Bruce, the State biologist that 6 showed us the PowerPoint, you know, they favor limiting 7 -- or restricting the large bull harvest, I don't know, 8 they should have did that earlier at the Board of Game 9 last month or two months ago. 10 11 I think we need to try to do something to 12 protect those remaining large bulls, even if it's only --13 we still favor the three bag limit even if it was just 14 three cows and no bull harvest, you know, we're after the 15 meat not the antlers. And at 45,000 it's still adequate 16 for the population -- well, I moved to Igiugig from 17 Naknek, I was born and raised in Naknek and I moved to 18 Igiugig in 1983, and when I moved up there, if you 19 remember the graph that we were showed, the early '70s 20 the caribou population for the Mulchatna was about 10,000 21 and then when I moved to Igiugig it was probably between 22 35 and 40,000 and the bag limit was five back then. And 23 the history -- if you look at the census from the '90s 24 and then the 2000 census, there were more people living 25 in our region, in the villages, back during the '90 26 census than there was during the 2000 census, so if 27 that's the case it would make sense to say that there was 28 more caribou harvested when the population was 40,000 or 29 less and the bag limit was five than there is now and 30 still we didn't affect the population. So what I think 31 the subsistence -- the rural hunt doesn't -- isn't going 32 to affect, even with a bag limit of three, isn't going to 33 affect the population of 45,000. I think what we need to 34 try to protect is the large bulls. 35 36 I guess that concludes my testimony. 37 38 But I'm still confused what the exact 39 State regulations say, you know, I was -- on Page 278 it 40 kind of has -- the new State regulations, it also talks 41 about on Page 278 the last paragraph where it says 17 --42 that portion in Unit 17B, non-resident closed area, I 43 don't understand where it's closed. These new 44 regulations kind of have me confused, so maybe somebody 45 can clarify that later. 46 47 Thank you. 48 49 CHAIRMAN FLEAGLE: Isn't that the river 50 corridors that the Board closed two years ago -- yeah,

1 Gino, you want to go ahead and answer that. 3 MR. DELFRATE: Yes, thank you, Mr. Chair. 4 The part that refers to 17B, that portion closed, that is 5 the two mile corridor that was closed to non-resident 6 hunters two years -- three years ago now in '05 and that 7 remained closed during this last round of Board meetings. 8 9 CHAIRMAN FLEAGLE: Yeah, and that was 10 non-residents only and that was not only for caribou but 11 for moose as well, if I remember correctly. Had a 12 limited moose registration available in the local area, 13 but, anyways, yeah, that's what it was the river 14 corridors. 15 16 Questions for Randy's recommendation. 17 18 Gary. 19 MR. EDWARDS: Mr. Chairman. Randy if the 20 21 Council had felt that the Board of Game would have taken 22 more action, some of the things you suggested associated 23 with the non-resident hunt and all, would that have 24 changed the Council's view given that the Board of Game 25 did reduce the harvest to two, would there have been an 26 interest in the Council going further in their harvest or 27 would they have left it at three regardless of what 28 actions the Board of Game may have taken? 29 MR. ALVAREZ: We did decide to lower it 30 31 from five, the bag limit at the October meeting. And 32 then at the March RAC meeting we found out that the 33 population was down to 45,000 and we felt that, you know, 34 there's caribou, you know, there's just not very many 35 large bulls left because of the non-resident harvest. 36 And for awhile there during 2000 the non-residents were 37 allowed to harvest two large bulls during the -- when the 38 season opened, that was their bag limit, they had a two 39 bull harvest and then it got changed, I think, two years 40 ago, when the State dropped it down to a resident harvest 41 of three, they lowered their bag limit down to one. 42 43 We feel that at 45,000 it's still 44 adequate for a three bag limit. Like I mentioned in the 45 early '80s the bag limit was five and it was less than 46 40,000 and in fact it was five -- I don't -- I'm not sure 47 exactly when five was implemented but if I remember 48 correctly it was like that for awhile in the -- and then 49 in the '70s the bag -- the population for caribou was 50 like 10,000 for the Mulchatna, it showed it on the screen

1 there and it was between 10 to 20,000 in the middle '70s. 2 So that wasn't -- we didn't think having a three bag 3 limit was going to impact that population by the 4 subsistence user. It was other factors that were 5 contributing to the decline. 6 7 CHAIRMAN FLEAGLE: Ken Taylor. 8 MR. TAYLOR: Thank you, Mr. Chairman. 9 10 Just a point of clarification, when the herd grew to be 11 about 35 to 40,000 back in the mid-80s, I believe the bag 12 limit was one caribou during the fall season and three 13 during the winter season. The five caribou bag limit 14 didn't come into effect until the 1990s. 15 16 CHAIRMAN FLEAGLE: Thank you. Done with 17 questions, Gary. 18 19 MR. EDWARDS: Yes. 20 21 CHAIRMAN FLEAGLE: Other Board members. 22 23 (No comments) 2.4 25 CHAIRMAN FLEAGLE: All right, thank you. 26 Other Councils. Jack. 27 MR. REAKOFF: The Western Interior 28 29 endorsed Proposal 07-23. And we were in session and 30 transmitting to the State Game Board to be conservative 31 with non-resident harvest and we learned during the 32 meeting that they had still continued non-resident 33 harvest. 34 I also wanted to refer to the Council's 35 36 letter to the Chair of the Federal Subsistence Board Mike 37 Fleagle and Ron Somerville on January 23rd also 38 highlighting our concern for this very low bull/cow ratio 39 and those fell non deaf ears with the State Game Board. 40 41 We did support Bristol Bay's proposal and 42 so I would stand with that. 43 44 In light of the data that was presented 45 by the Department, it would be actually beneficial to 46 harvest more cows, especially the older age component. 47 And so we were, at our deliberations, unaware of that old 48 age cow component as a harvestable surplus. And so I 49 would feel the Board should take that into consideration 50 and so we did endorse the proposal, though, for three

1 caribou. 2 3 Thank you. 4 5 CHAIRMAN FLEAGLE: Thank you, Jack. 6 Other questions. 7 8 (No comments) 9 10 CHAIRMAN FLEAGLE: Any questions. Cliff. 11 12 MR. EDENSHAW: Thank you, Mr. Chair and 13 Board members. I just wanted to let the Board know on 14 Page 72 [sic] -- at least put it on record, on Page 272 15 and 273 is the Bristol Bay Council's recommendation. 16 17 And in regards to Gary's question he had, 18 when the Council met in October and submitted the 19 original proposal they were informed at the time that 20 what's in the Council's recommendation is what the 21 reduction in the harvest limit was going to be and then 22 when we met again in February, John Hilsinger came to the 23 Council meeting and presented to the meeting that they 24 would reduce the harvest limits down to two and asked if 25 the Council would be in favor of that, but the Council 26 said that if they were to eliminate the non-resident hunt 27 then they might consider such a proposal. 28 29 Thank you. 30 31 CHAIRMAN FLEAGLE: Thank you, Cliff. YK 32 Council, do you have any comments. Lester, do you have 33 comments on this. 34 MR. WILDE: The Yukon-Kuskokwim Delta 35 36 Subsistence Regional Advisory Council supports Proposal 37 23 with modification that includes Unit 18, 19A and 19B. 38 The Yukon-Kuskokwim Delta Subsistence Regional Advisory 39 Council said that the Mulchatna Caribou Herd has 40 declined, revise caribou harvest limits and open seasons 41 for Units 9, 17, 18, 19A and 19B are needed to help 42 assure that that herd rebuilds. 43 44 Mr. Chairman. 45 46 CHAIRMAN FLEAGLE: Thank you, Lester. 47 Now, I can move on, right, unless there's any questions 48 for any of the RAC Chairs. Steve Kessler. 49 50 MR. KESSLER; Thank you, Mr. Chairman.

1 Jack, I do have maybe one question. I think you implied 2 that there might be a way to target older cows, is there 3 a -- has that been done in any regulations in the past in 4 some way? 5 6 CHAIRMAN FLEAGLE: Jack. 7 8 MR. REAKOFF: No, I don't think it's been 9 done. But the data presented shows that there's an old 10 age component of cow caribou that are going to die of old 11 age anyways and we need to protect the bull component and 12 so I felt that the Department should have contemplated 13 elimination of harvest of bulls in more of a moratorium. 14 My feeling would be that a proposal at 15 16 this time should be submitted to the Board of Game to not 17 allow the harvest of bulls with a shovel, which basically 18 targets all cow caribou and young bull caribou which is 19 the highest component of the population. And I feel that 20 the Board of Game is not meeting the amounts necessary 21 for subsistence and that a reconsideration should be 22 considered by the Board of Game. They submit 23 reconsiderations to this Board all the time. I think 24 they need to have a reconsideration from the Federal 25 Subsistence Board. That would be a way to target the 26 harvestable surplus for subsistence, would be to allow 27 more cow harvest and reduce bull harvest. 28 29 The Bristol Bay has not talked about 30 that, neither the Western Interior Council has not talked 31 about that, but those would be my feelings after 32 reviewing all this data and so forth. All of this data 33 is basically floated to the surface before this Board 34 meeting and so that would be one way to harvest for 35 subsistence without depleting the bull component any 36 further. 37 38 CHAIRMAN FLEAGLE: Thank you. Alaska 39 Department of Fish and Game comments. Terry Haynes. 40 MR. HAYNES: Mr. Chairman. Staff have 41 42 laid out what the new State regulations are generally. 43 When I'm finished making comments, Gino may have a bit 44 more to say about the new State regulations and some 45 other aspects of the Mulchatna caribou. 46 47 Staff also laid out the reason why 48 there's a need to develop more restrictive regulations. 49 50 The Department supports the concept of

1 this Bristol Bay Council proposal to reduce the bag limit 2 because of these population declines in the Mulchatna Caribou Herd. The intent of the proposal was to align 3 4 the Federal and State regulations in effect this 5 regulatory year. But as we've heard the Board of Game 6 has implemented more restrictive regulations that take 7 effect July 1st of this year. 8 9 Consequently the Department requests that 10 the Federal Board take action consistent with the 11 regulations adopted by the Board of Game at its March 12 2007 meeting. 13 14 This action is less restrictive than was 15 originally proposed by the Department. Although the 16 Bristol Bay Regional Council did not support the 17 Department's proposal, as Mr. Alvarez described earlier, 18 the Council also held its winter meeting before the Board 19 of Game had adopted a regulation that was less 20 restrictive than what the Department had requested in 21 terms of bag limits. Consequently the Council did not 22 have the opportunity to discuss and evaluate the new 23 State regulations. The new State regulations continue to 24 accommodate Federally-qualified subsistence users and are 25 necessary for conservation purposes. 26 27 We are concerned that having divergent 28 State and Federal regulations for the Mulchatna caribou 29 hunt that will result if the proposal as modified by the 30 Bristol Bay Regional Council is adopted, they're going to 31 be very confusing and very problematic for rural 32 residents to understand. And given the fact that there 33 would be a harvest limit of three caribou in Federal 34 regulation, a bag limit of two caribou in State 35 regulation with harvest tickets specifically stating 36 that, there may be a need for a separate Federal 37 reporting mechanism, so there's a lot of issues to 38 discuss in the context of whatever action the Board takes 39 on this proposal. 40 41 So I'll turn the mic over to Gino. 42 43 Thank you, Mr. Chairman. 44 45 CHAIRMAN FLEAGLE: Gino. 46 47 MR. DELFRATE: Thank you, Mr. Chair. And 48 I just want to be brief on a couple of responses to a 49 couple of the comments. I thought it was important to 50 lay out the timeline as to how we acted with other

1 Federal agencies within the range of the Mulchatna 2 Caribou Herd. We did not have our photo census completed until mid-February or early February at the time so we 3 4 were under a really tight time crunch in order to get 5 everything completed. Actually I think it was a little 6 bit earlier because we were able to get a proposal into 7 the book. 8 9 The proposal that was submitted to the 10 Board of Game asked for a non-resident season of two 11 months, August 1st to September 30th. It also asked for 12 a bag limit for all caribou hunters in the Mulchatna of 13 one bull, combined. And that's the proposal that got 14 submitted. This was -- we did not consider the bull/cow 15 ratio as much as we should have and after we listened to 16 Bruce Dale a little bit more with regards to the 17 importance of bulls in the herd and bumping that up, the 18 -- we went with an amend and adopt language at the Board 19 of Game meeting and we still maintained one caribou. And 20 the testimony was we need more than one caribou per 21 household in order to meet subsistence needs and the 22 Subsistence Division staff provided excellent information 23 that showed that most people, when given the opportunity 24 to take many caribou, up to five, took a two caribou bag 25 limit and so the Board, in its wisdom, chose a course 26 that favored local residents in a large way. Thev 27 eliminated the same day airborne clause, which 28 particularly affected non-local residents. They reduced 29 the resident bag -- or non-resident bag season to a two 30 week season and went to one caribou in order to allow a 31 non-resident to take one caribou regardless if it was a 32 bull or a cow. And so they kind of pulled back on the 33 bull component. 34 35 I'm not trying to debate anything. Ι 36 just kind of wanted to lay out the sequence of events as 37 they went. 38 39 When we first drafted this proposal we 40 got most of the group of folks that deal with management 41 of caribou in the Mulchatna, we pulled in Refuge Staff 42 from Bethel, Park Service Staff from Lake Clark, all the 43 folks that typically fly these surveys and kind of sat in 44 a room under teleconference and came up with this unified 45 proposal and that's what we went to the Board with. It 46 was much more conservative than what was originally --47 what was eventually passed by the Board and I think the 48 Board did a really good job of making lemonade out of the 49 lemons that we handed them. 50

1 So anyway I'm not going to go on any 2 farther because I know we got to do but I did want to 3 kind of lay out some of the facts and how things did play 4 out. 5 6 CHAIRMAN FLEAGLE: Thank you, Gino. 7 Questions for the State. Gary. 8 9 MR. EDWARDS: Terry I'm trying to 10 understand what you folks would prefer. And I guess what 11 I understand is that you would prefer us to pass a 12 regulation that would essentially drop down to two 13 caribou instead of the three that's currently being 14 proposed; is that correct? 15 16 MR. HAYNES: Through the Chair, yes, that 17 would be our preference. 18 19 MR. EDWARDS: All right. 20 21 MR. HAYNES: We think that would..... 22 MR. EDWARDS: Then, I -- you know, of 23 24 course, I think our response would have to be how can we 25 do that when it appears that the Board of Game could have 26 taken some additional actions probably to address the 27 conservation concern and it would appear, at least on the 28 surface, then that we were putting that burden on the 29 back of the subsistence users. 30 31 MR. HAYNES: Others may have some 32 comments on this, but I think one observation I have is 33 that there seems to be a suggestion or an implication 34 that the non-resident harvest, if it was not taken by 35 non-residents that it would be taken by Federally-36 qualified hunters on Federal lands, and I haven't heard 37 evidence to suggest that the non-resident harvest is 38 taking place on Federal lands and that it would then be 39 available to Federally-qualified hunters on Federal 40 lands. 41 42 So I think the Board of Game certainly 43 did take conservation steps. They may not have gone as 44 far as some would have liked, but that's what we have. 45 46 MR. EDWARDS: Well, let me maybe ask kind 47 of a broader question. Is this an issue that maybe 48 collectively we should have all seen coming down the road 49 and recognizing that at this point in time we were going 50 to be at this juncture and been able to take actions

1 between our Board, the Board of Game and the Council to 2 address these. 3 4 And an example I use is in 9D where we 5 knew we were facing a train wreck, you know, it's not on 6 the table so nobody was really aware of that but the 7 Board of Game there, at least from my perspective, took 8 action because they knew that if they didn't this Board 9 would probably have to take some action because of what's 10 going down there, and in that case they did -- it's my 11 understanding, they closed it to non-residents. And I 12 just think that's a perfect example of where we avoided 13 this Board and the Board of Game sort of getting into a 14 conflict, either forcing this Board having to close it to 15 all but subsistence users or not. But the willingness of 16 the, in this case, our Refuge manager there, and your 17 person on the ground working together, and the Board 18 recognizing, the Board of Game recognizing that they 19 needed to do something, I think really avoided the kind 20 of a situation that we're facing right here tonight. 21 22 MR. HAYNES: I'll defer to Mr. Taylor. 23 2.4 CHAIRMAN FLEAGLE: Ken Taylor. 25 26 MR. TAYLOR: Thank you, Mr. Chairman. 27 Through the Chair. Gary, I think you're correct in much 28 of what you're saying. When we faced the 9D decision 29 back in the early to mid-80s -- or '90s we did have a 30 mini-train wreck at the beginning as I recall and it had 31 to do with what the amount necessary for subsistence was 32 but we did work that out at the local level and between 33 the two Boards and came up with a solution that both 34 Boards agreed on. 35 36 Since I've been out of this process I 37 don't know exactly how we got to where we are today with 38 the Mulchatna Herd, but it seems like this came on a bit 39 faster than the Department expected it and that attempts 40 were made to work with the Fish and Wildlife Service, 41 BLM, the Park Service, Refuge Staff to come up with a 42 solution, but the solution that was put on the table was 43 probably not as restrictive as it should have been and 44 that's where the train wreck occurred. The Board adopted 45 something that had not been passed by the RACs in that 46 same form and so we're faced with the situation where we 47 have a State season and bag limit that's more restrictive 48 in one sense than what the Southwest RAC would like to 49 see, but more liberal in another sense because it allows 50 non-resident hunters.

1 I don't know whether you have ever asked 2 the Board of Game for a reconsideration, I can understand, though, that the difficulty are going to 3 4 have, the Federal Staff and the State Staff in trying to 5 manage a hunt if you have two different bag limits for 6 the people that live in Bristol Bay. And if right now 7 you're using the State harvest ticket as the report card 8 for both the State hunts and the Federal hunts, if you 9 have two different bag limits that situation's going to 10 have to change, we're going to have to figure out how to 11 deal with that, which sounds, not insurmountable, but 12 it's going to be confusing. 13 14 CHAIRMAN FLEAGLE: Is that it Gary? 15 16 MR. EDWARDS: Yes. 17 18 CHAIRMAN FLEAGLE: Randy Alvarez. 19 20 MR. ALVAREZ: The Board of Game took up 21 Mulchatna last year out of cycle. The Department asked 22 that the bag limit be dropped down to three from five and 23 they did. And the Federal bag limit was still at five. 24 So last year -- all of last year the State was at three 25 and Federal lands were at five so, you know, it happened 26 last year and if it's different again this year, I don't 27 see a problem. 28 29 But what I would like to ask the State 30 is, after listening to Mr. Bruce Dale and then comments 31 by Staff, they realize that there is -- the large -- the 32 bull ratio is too low, and the Department had asked the 33 Board of Game out of cycle to take up Mulchatna Caribou 34 Herd last year when they dropped it down to three and 35 they did and they did drop it down to three from five, 36 out of cycle, and from listening to the ADF&G report they 37 all seem to state that it is the bull ratio is too low 38 and I'm kind of wondering if they might add -- if they're 39 thinking about considering asking the Board of Game to 40 take it up out of cycle again or reconsider it. Because 41 if they don't, I think some of the other Advisory 42 Committee's or the other people probably will because it 43 is definitely looks to be like a conservation concern 44 looking at our figures. 45 46 So just a comment to the Staff and if 47 they're -- see these new regulations are a little over a 48 month old and we still haven't had much time to digest 49 this -- some of this is new information to me, and as you 50 probably.

1 So is that a consideration? 2 3 CHAIRMAN FLEAGLE: Gino. 4 5 MR. DELFRATE: Thank you, Mr. Chair. As 6 I explained in my opening comments, because the Mulchatna 7 Caribou Herd ranges over three different regions, a 8 portion of the range will always be out of cycle and so, 9 I guess practically speaking we'll be looking at calf 10 production in a month, we'll be looking at calf survival 11 in late September, early October with our late fall 12 surveys and we'll be reassessing everything we do with 13 Mulchatna Caribou in addition to what Bruce Dale is doing 14 with regards to looking at this bull component. 15 16 If we felt that there was something we 17 could do in addition to what we've already done I suspect 18 that we would be back in March with a proposal before the 19 Board to try and further restrict. As Bruce said, this 20 herd is going to continue to decline. What we're trying 21 to do is restrict all activities, as much as possible, 22 but still provide for a reasonable system to still stay 23 in place, and I think we've accomplished that. We're 24 still providing for reasonable opportunity for 25 subsistence. A two week season allows those few guides 26 that still want to work in this area to take a handful of 27 hunters although from experience this last fall, the non-28 residents are not coming to this area anymore, so we 29 don't believe the non-resident harvest is going to be 30 significant enough to alter the trajectory of this herd 31 at all and so we've affected all user groups, we've 32 affected local subsistence users the least and non-33 residents the most and non-locals got hit pretty hard. 34 So I think we're there. 35 36 But the short answer is, yes, we're going 37 to be continuing to watch this herd, this is one of our 38 highest priorities in this region and we'll be 39 reassessing everything we do from here until the herd 40 turns around. 41 42 CHAIRMAN FLEAGLE: Thank you, Gino. And 43 just to throw in my recollection, two cents here, the 44 State system doesn't use a reconsideration process like 45 we do. I mean they'll reconsider a decision made at the 46 same meeting if there's new information or something like 47 that provided. The way they get a -- the only way to get 48 a change before the Board now, before the next hunt this 49 fall, is through an emergency petition. I mean there 50 isn't even enough time to do an agenda change request

1 because that would go to the next meeting, which would be 2 in November, which would obviously be after the season 3 started. 4 5 So that's, you know, Jack and I were 6 talking about this a little bit at break and he mentioned 7 it, there is that opportunity to submit an emergency 8 petition to the Board and saying, based on the 9 information that we or whoever chooses to submit a 10 petition, that there isn't any warrant for having a non-11 resident season when we're not meeting the amounts 12 necessary for resident subsistence. And I know, you 13 know, there is the argument about whether we're meeting 14 it or we have the capability of meeting it, that's an 15 argument that I know the Board of Game has used 16 successfully to defend keeping out of Tier I, but in this 17 case it looks pretty clear that we're in a Tier I 18 situation. 19 20 Now, we, as the Federal Board, could 21 mirror these regulations or we could even take action to 22 close non-resident use on Federal lands, but the range of 23 this caribou herd crosses very little Federal lands, I 24 don't know what the net effect of that would have other 25 than more confusion. 26 27 Anyway, I'm just throwing out some of the 28 stuff I know, I'm not throwing out any solutions. 29 There's a lot of different options. I know that the 30 Board of Game, when they have made decisions in the past 31 that would have been good to have coordination with the 32 Federal Board, they withheld the implementation of those 33 regulations pending Federal action that would mirror it 34 so that when we did go into that management regime you 35 would have, you know, similar guidelines and I don't know 36 if this Board has ever done that the other way. 37 38 I'm new here, so I'm not sure what we've 39 done. And you're nodding your head we have, okay. 40 41 So I mean there's all kinds of options to 42 consider and least -- I mean, not the least of which is 43 that this Board could maybe move to write an emergency 44 petition request and, you know, the State will review it 45 and they can say yes or they can say no, but it may be 46 something that this Board wants to consider doing. 47 48 Anyways we'll move on. 49 50 InterAgency Staff Committee comments.

1 Larry. 2 3 MR. BUKLIS: Thank you, Mr. Chairman. 4 The Staff Committee comments are on Page 288. I'll 5 highlight the main points. 6 7 The Staff Committee found that the 8 recommendations and modifications of the Regional 9 Advisory Councils to the proposal were consistent with 10 ANILCA Section .805(c). The Staff Committee notes that 11 the intent of the proposal was to align with the State 12 season and harvest limits for the current regulatory 13 year, 2006/2007 and not with the changes adopted by the 14 Board of Game in March of 2007 that will go into effect 15 July 1. 16 17 The Staff Committee recognizes the 18 Council's position that alignment with the recent changes 19 by the State Board would be unacceptable without at least 20 restricting non-resident hunting of the Mulchatna Caribou 21 Herd in the affected units. The State has repeatedly 22 maintained that no Federal regulations are necessary 23 where the general seasons and harvest limits are in 24 alignment. Concurrent actions by the Alaska Board of 25 Game, such as the severe restrictions on proxy hunting in 26 the affected units, illustrate the need for Federal 27 regulations to meet the requirements of ANILCA, Title 28 VIII even should future Council actions recommend that 29 Federal regulation of caribou hunting of the Mulchatna 30 Caribou Herd more closely mirror the State's. 31 The Staff Committee and the Councils 32 33 recognize that the Mulchatna Caribou Herd is of great 34 conservation concern, and that the modified proposal is 35 consistent with recognized principles of wildlife 36 management for the diminished herd while maintaining 37 Federally-qualified subsistence users meaningful priority 38 for the consumptive use of the wildlife. 39 40 Thank you. 41 42 CHAIRMAN FLEAGLE: Thank you, Larry. 43 Questions. 44 45 (No comments) 46 47 CHAIRMAN FLEAGLE: Board discussions. 48 Gary. 49 50 MR. EDWARDS: Mr. Chairman. I guess I

1 kind of find myself in the same place where I was last 2 year on Unit 9 where I kind of personally felt that we 3 needed to further restrict the subsistence harvest, and, 4 in fact, I think at one point I made a motion that we did 5 that and then it was sort of pointed out to me that given 6 that the State hunt was continuing on and still a lot of 7 non-residents and all that, that we really couldn't ask 8 the subsistence user to, you know, take a further 9 reduction if we didn't do anything and so we were kind of 10 left, theoretically, I guess, with one of the choices 11 that you identified, we could have closed it to all but 12 Federally, you know, recognized subsistence hunters, but, 13 you know, historically the State hasn't -- that's not the 14 approach that they would prefer us to do and I'm one who 15 certainly doesn't -- my goal is not to exclude other 16 hunters, and in that case, as I said earlier, you know, 17 we were able to sit down and work it out and I think, you 18 know, the Board of Game took very good appropriate 19 action. 20 21 So I'm somewhat in the same position 22 here, is that, that I applaud the Council, you know, for 23 coming forward for further restricting their harvest 24 because of their concern but it doesn't seem that in all 25 fairness I would feel comfortable submitting a motion to 26 further reduce theirs when at least it would appear, to 27 some, you know, that more could have been done on the 28 State side. And, again, it's one of these situations 29 where if we can figure out a way to -- it's kind of like 30 we always say, either the cart before the horse or 31 something, because of the way our Boards are and the 32 Councils are, we're always a day late and a dollar short 33 on some of these. And if we can look at ways to get that 34 because we all seem to have the same kind of conservation 35 concern, obviously the State wouldn't have taken the 36 action they did, the Council wouldn't take the action 37 they did, so we're all sort of in agreement here that 38 something needs to be done. But I think it's difficult 39 given our respective mandates, you know, for us in this 40 case to take action to further restrict it. 41 42 And I guess saying that, Mr. Chairman, I 43 would be prepared to make a motion that we would support 44 the proposal 7-23 with the modifications that the Bristol 45 Bay Regional Advisory Council recommended. 46 47 CHAIRMAN FLEAGLE: Do I hear a second. 48 49 MR. OVIATT: I'll second. 50

1 CHAIRMAN FLEAGLE: Okay, we got a second 2 from George. Now, just for clarification, that would 3 mirror the new State regulations? 4 5 MR. EDWARDS: No. 6 7 CHAIRMAN FLEAGLE: No, okay. All right. 8 9 MR. EDWARDS: I'm supporting, at least, I 10 think I am, I'm supporting Bristol Bay's recommendation 11 that the modifications that they had would include Units 12 18, 19A and 19B, I believe that's correct. On Page 272. 13 14 CHAIRMAN FLEAGLE: 272. 15 16 MS. GOTTLIEB: Mr. Chairman. 17 18 CHAIRMAN FLEAGLE: Judy. 19 20 MS. GOTTLIEB: I guess also for 21 clarification that is supporting the Yukon-Kuskokwim and 22 the Western Interior Regional Advisory Council's 23 recommendations as well? 2.4 25 MR. EDWARDS: That is correct. 26 27 CHAIRMAN FLEAGLE: Further discussion. 28 Judy. 29 30 MS. GOTTLIEB: Yes, Mr. Chair. I do want 31 to thank all the Councils because we know when animals 32 are increasing it's pretty easy to make regulations, but 33 it's pretty tough to deal with these when the populations 34 are declining and especially to self-impose limits, so we 35 appreciate that you have recognized the principles of 36 wildlife management conservation and are consistent with 37 the regulations and mandates of this Board as well. 38 39 And that would be my reason for 40 supporting the proposal. 41 42 MR. EDWARDS: Mr. Chairman. I guess..... 43 44 CHAIRMAN FLEAGLE: Gary. 45 46 MR. EDWARDS: .....I -- maybe I don't 47 know if I need to provide additional rationale. But as I 48 said I'm not so sure my motion is necessarily the best 49 thing from a conservation standpoint but I think, I 50 guess, it's the right thing, you know, given our mandate.

1 Certainly it's a situation we need to look at. As Ms. 2 Gottlieb said, you know, the Councils have stepped up and 3 put a restriction -- asked for restrictions to be placed 4 upon themselves. I do hope that, as we continue on, we 5 can kind of look for opportunities to try to put all 6 these things in balance and hopefully come out with 7 regulations that are what we all think and not divergent 8 as we continue to have, we keep seem to be getting one 9 year behind on all of these, and maybe we can somehow get 10 one year ahead, I guess would be the objective. 11 12 CHAIRMAN FLEAGLE: Right. I just have 13 one hinderance with this action. I thought I heard 14 pretty clearly from the -- at least from the Bristol Bay 15 RAC, that this modified proposal was based on information 16 that they had prior to the last census numbers that are 17 now available, and that what I heard Randy say and I 18 thought I heard Randy say was that they would actually 19 support the new -- the further restriction that is under 20 the new State guidelines. Did I not hear that correctly 21 Randy? 22 23 MR. ALVAREZ: No. We, doing this 24 proposal, back in October, we made it along with the 25 moose proposal that's on consensus, and by the time we 26 got back to our March meeting where we discussed all 27 these proposals I was going to, myself, not support 28 lowering it down to three because we were still under the 29 assumption that the population was still at 85,000. 30 Well, when we heard that it was down to 45,000 then 31 that's when I decided myself, and the rest of the Council 32 did so also to lower it down to three. 33 34 CHAIRMAN FLEAGLE: Okay, I understand 35 now. 36 37 MR. ALVAREZ: And we.... 38 CHAIRMAN FLEAGLE: I got that confused. 39 40 When I heard you speaking about those reductions, I 41 thought you were talking about mirroring the State which 42 lowered theirs to two so, okay, I understand now. I'm 43 the one in the dark. 44 45 Further discussion. 46 47 (No comments) 48 49 CHAIRMAN FLEAGLE: Are we ready for the 50 question.

1		MR. OVIATT: Question.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Pete.	CHAIRMAN FLEAGLE: Question's called.
	Final action on	MR. PROBASCO: Thank you, Mr. Chair. WP07-23.
		Adopt with modification as recommended by the Bristol Bay, Yukon-Kuskokwim and Western Interior Regional Advisory Councils to include Units 18, 19A and 19B.
		Ms. Gottlieb.
		MS. GOTTLIEB: Aye.
19 20		MR. PROBASCO: Mr. Eastland.
20 21 22		MR. EASTLAND: Aye.
23 24		MR. PROBASCO: Mr. Oviatt.
25 26		MR. OVIATT: Aye.
27 28		MR. PROBASCO: Mr. Kessler.
29 30		MR. KESSLER: Aye.
31 32		MR. PROBASCO: Mr. Edwards.
33 34		MR. EDWARDS: Aye.
35 36		MR. PROBASCO: And Mr. Fleagle.
37 38		CHAIRMAN FLEAGLE: Aye.
39 40		MR. PROBASCO: Motion carries, six/zero.
43 44 45 46	vote on that one. I realize that the portion of this harvest that goes to the Federally-qualified subsistence users only accounts for a small amount of the harvest and it's on, you know, only where we have Federal lands, but I do see the wisdom in having aligned seasons and bag limits, and that was my hesitation there.	
49 50	that situation 1	Having said that, I know we've been in before and people just have to figure it

1 out. But I just want to raise up the possibility if 2 there's any interest in the room on the suggestion raised 3 earlier about submitting an emergency petition to remove 4 the non-resident component of this hunt. 5 6 I'll just throw that out. 7 8 Gary. 9 10 MR. EDWARDS: Mr. Chairman. You know, I 11 had asked actually that question, I think, earlier of the 12 Council, that if the State would have taken additional 13 action, such as that, would that have changed the 14 Council's view. I know this is after the fact but I was 15 kind of asking you to kind of crystal ball it, would they 16 have been willing to go to two and I thought your answer 17 was probably not. 18 19 CHAIRMAN FLEAGLE: Randy. 20 21 MR. ALVAREZ: We -- I, myself, couldn't 22 support going down to two if the non-residents were still 23 able to harvest the caribou in those areas. But if the 24 population were to drop down to 35,000 or somewhere 25 around there, we're going to have to -- yeah, we'd have 26 to, you know, but at 45,000 I just don't think it's 27 justification, although -- you know, the justification 28 that we see is the problem is the bull is way too -- the 29 bull is just way too low but if it drops down, like I 30 say, any -- down to what the State recommends they have 31 to do something else again then we would have to. 32 33 MS. GOTTLIEB: Mr. Chairman. 34 35 CHAIRMAN FLEAGLE: Judy. 36 37 MS. GOTTLIEB: I guess I do think it 38 would be worthwhile for this Board to send a letter and, 39 you know, the Council will deal with what they need to at 40 the time and this Board will deal with what we need to 41 after we get some response as well. 42 43 But I think instead of trying to guess 44 what might happen, we ought to try sending the letter and 45 perhaps focus on the suggestions that we've had of are 46 there other things we jointly can think of that will 47 improve that bull population. 48 49 CHAIRMAN FLEAGLE: George. 50

1 MR. OVIATT: Something that might help 2 me, joining in with what's being talked about here is, and maybe you could answer this Randy, I thought along 3 4 the conversations that the subsistence users -- Federal 5 subsistence users were taking mostly cows or not 6 targeting the bulls and it looks like the issue here is a 7 reduction in bulls and not necessarily the cows. And I 8 think, Jack, you said it may benefit to even take more 9 cows to relieve the pressure on the bulls. And so if 10 that's really the case then I think I could support, 11 fully support, in light of what the Council said, that 12 they wouldn't have reduced their numbers because it looks 13 like that we're really trying to do something to enhance 14 the bull population. 15 16 Thank you, Mr. Chairman. 17 18 CHAIRMAN FLEAGLE: Randy. 19 20 MR. ALVAREZ: Yes. The harvest around 21 our area has been after the first of the year until it 22 closes in March but mainly because there are no caribou 23 around before then. They haven't been migrating down 24 until mid-winter because of the hunting pressure up north 25 and maybe they're kind of cycled to that or figure it's 26 time to go down at that time because it's -- there's too 27 much pressure in the fall and there might be these same 28 old caribou, they're dying off, they remember all this 29 hunting pressure down there so they're probably waiting 30 until later on to go down and all of our harvest -- the 31 majority of our harvest has been after the first of the 32 year until it closes and we've been mainly targeting cows 33 because they're not as lean, they've got a little bit of 34 fat by then. And that's, for myself, that's what I'm 35 trying to get is cows, I don't want those big old tough 36 bulls that are really lean. 37 38 So with saying that I would guess that 39 probably most of the harvest is cows, you know, once in a 40 while you end up with a bull but you're trying to get a 41 cow, but, you know, it -- does that answer your question. 42 43 MR. OVIATT: Thank you. Thank you, Mr. 44 Chairman. 45 46 CHAIRMAN FLEAGLE: Mike Quinn. 47 48 MR. QUINN: Yes, thank you, Mr. Chairman. 49 This morning, one of the first things you did was read a 50 letter from Secretary Norton, I think, that, among other

1 things directed the Subsistence Board to work with the State on these issues. And I think you also had a letter 2 from the Governor directing the State to work -- no? 3 4 5 CHAIRMAN FLEAGLE: That was -- both 6 letters were from the Secretary. One was to the Chair of 7 the Federal Subsistence Board and the other was to the 8 Governor, which essentially said the same thing. 9 10 MR. QUINN: That's right, okay. But I 11 believe there's probably -- since Mr. Taylor's here 12 there's some effort on the State to work with the Federal 13 Board, so I would suggest that from what you said, yes, 14 it is time for this Board to request an emergency action 15 from the Board of Game in order to bring the two Boards 16 together on an issue that's brought people from really 17 far apart areas of this state together. 18 19 Thank you. 20 21 CHAIRMAN FLEAGLE: I appreciate the 22 comments, Mike. And I would certainly vote for one 23 should there be one and that's why I kind of tossed the 24 idea out a couple of times to see if there would be a 25 motion, I can't make motions, and I try not to tell a 26 Board that I'm Chairing what to do, I only make the 27 opportunity exist and if it's not bitten on then I move 28 on. I guess maybe, probably, Jack understood what was 29 happening here but I do try really hard not to steer a 30 board, I only make opportunities available. 31 MR. QUINN: Okay, well, since the RACs 32 33 have so much to do with this process I'll make an effort 34 to steer the Board and I suggest that one of you make a 35 proposal to make this emergency -- to request this 36 emergency action. 37 38 (Laughter) 39 40 MS. GOTTLIEB: Mr. Chairman. 41 42 CHAIRMAN FLEAGLE: Jack Reakoff -- just a 43 second, Judy, and I'll get right to you. 44 45 MS. GOTTLIEB: Oh, sorry. 46 47 CHAIRMAN FLEAGLE: Jack had his hand up. 48 49 MR. REAKOFF: Mr. Chair. I would suggest 50 that the membership of the Federal Subsistence Board make

1 a motion and transmit a request for emergency action by 2 the Board and point out that their actions to allow non-3 resident harvest of bull caribou is illegal under the 4 aspect of amounts necessary for subsistence. We're 5 taking big cuts here to retain this herd and they're 6 retaining bull harvest, although it's one caribou by non-7 residents, of course non-residents don't shoot cows, and 8 I'll attest to that. On the Dalton Highway when the 9 antlers fall off the bull caribou in November the hunters 10 stop coming, they only want antlers. Having non-resident 11 participation does target bull caribou, primarily unless 12 it's a mistake. 13 14 CHAIRMAN FLEAGLE: Judy Gottlieb. 15 16 MS. GOTTLIEB: Thank you, Mr. Chairman. 17 I'm waking up now, maybe too late here, and I thought we 18 were discussing the idea of doing an emergency petition 19 and didn't realize we needed a motion, I thought it was 20 something -- but in any case I will make a motion that 21 this Board ought to prepare an emergency petition to the 22 Board of Game discussing our grave concern about the need 23 to improve the bull numbers and perhaps alternate 24 strategies that could be used to accomplish that. 25 26 CHAIRMAN FLEAGLE: Is there a second. 27 28 MR. EDWARDS: I'll second it so we can 29 discuss it. 30 31 CHAIRMAN FLEAGLE: All right. For 32 discussion purposes we do have a motion that's been 33 seconded. Judy, do you want to go ahead and speak any 34 further to the justification. 35 MS. GOTTLIEB: I'll just refer to all the 36 37 discussions we've heard here today and that this is a 38 mechanism we haven't used very often, if at all, and it 39 may be a way to explore getting more common ground here. 40 41 CHAIRMAN FLEAGLE: Having been on that 42 side it's more beneficial if you come with a proposal 43 that says what you want and then the Board can work from 44 there. And from my perspective if it were to say that 45 based on the bull/cow ratios and based on the number of 46 bulls harvested, that we request a closure to the non-47 resident component, well it would also include the 48 argument that we're obviously in a Tier I situation. 49 And from the State perspective, Tier I means that there's 50 only enough to meet the amount necessary for subsistence

1 and not any more so you eliminate non-resident use. And 2 the numbers that were presented earlier show a pretty clear indication that they should be in Tier I there, 3 4 which is an elimination of non-resident. 5 6 So it should be pretty specific I would 7 say. 8 9 Other discussion. Gary. 10 11 MR. EDWARDS: Mr. Chairman. I'm not 12 opposed to sending a letter. I'm a little unclear of 13 what the purpose is. If the purpose is just to point out 14 to the Board of Game the error of their ways, that's one 15 thing. If part of it is to do that and then to try to 16 align the regulations then either the Board of Game's 17 going to have to increase theirs to three or this Board 18 then, if the Board of Game would take actions to restrict 19 non-residents or totally close it to non-residents, it 20 seems to me then we would have to be willing to restrict 21 the subsistence harvest to two, otherwise we'll still end 22 up with this -- we won't be in synch, if that's one of 23 the purposes. 2.4 25 If the purpose is simply to tell the 26 Board of Game that we don't think they made a wise 27 decision, well, then that's another issue. And so I'm a 28 little unclear what the ultimate purpose of this letter 29 will be. 30 31 MR. QUINN: I can live with either way. 32 33 CHAIRMAN FLEAGLE: Well, I don't think 34 that it would behoove this Board at all to poke sticks at 35 the Board of Game, I don't think that that effort has 36 ever worked from either way. So just to send an 37 emergency petition to say that you guys goofed is not 38 going to be productive at all. But I see adequate 39 rationale that there should not be a non-resident season 40 on this caribou herd and that's what it should be, just 41 based on the facts and ask that the Board would consider 42 that fact. And I realize that the action we just took 43 further reduces our Federally-qualified take but it 44 doesn't align it and maybe in the next cycle we can do 45 that. But I really believe that the effort should be a 46 positive effort to recognize that there shouldn't be a 47 non-resident component to this harvest at all. 48 49 MR. EDWARDS: And I agree, Mr. Chair. Ι 50 mean I still think we're telling them that they goofed,

1 we're just dressing it up a little bit as we deliver the 2 message. 3 4 CHAIRMAN FLEAGLE: Further discussion. 5 Randy. 6 7 MR. ALVAREZ: Another consideration would 8 be, as Jack had mentioned, that, you know, maybe put a 9 restriction on the large ones, the antler size, maybe 10 without the shovel on the front. You know we have it for 11 moose, some areas non-residents have to shoot at least a 12 50-inch or three brow-tines, you know, we could restrict 13 the caribou, ask for a restriction on the caribou if they 14 don't want -- if eliminating the non-resident's 15 altogether is out of the question, you know, it's -- the 16 population is enough, I think is -- the main concern is 17 the large bulls. But if it drops down anymore then there 18 is a concern that there is enough caribou for everybody. 19 20 CHAIRMAN FLEAGLE: Yeah, we can probably 21 discuss this until the cows come home and not have the 22 right modification, but I mean that could be put in 23 there. There's always a line that says other solutions 24 considers and I mean that could be one of the other 25 solutions. But I know that the State has never done 26 anything that differentiates between antler size or 27 configuration and that would be a pretty tough sell, I 28 think, to try to ask for that. 29 30 George. 31 32 MR. OVIATT: Mr. Chairman. If I could 33 ask the State a question, I mean would that -- if we came 34 forward with something like this, a request to, you know, 35 to look at the antlers a certain size for the bull, I 36 mean would that be something that the State could do, 37 would that be something the State might entertain? Would 38 that help the situation, I guess I'm asking? 39 40 CHAIRMAN FLEAGLE: Gino. 41 42 MR. DELFRATE: Thank you, Mr. Chair. 43 About eight years or so ago the -- I believe it was in 44 the Fortymile Caribou Herd area they did try to have an 45 antler restriction for caribou and they limited it to a 46 certain number of points, that proposal didn't last very 47 long or that regulation didn't last very long and I 48 suspect that it was poorly received by the public and 49 poorly understood and difficult to implement. And that's 50 my only recollection of an attempt to do some sort of

1 antler restriction on caribou. 2 3 I'm not aware of any information where 4 we've collected shovel sizes and whenever you get into 5 trying to define what is a shovel versus what is a point, 6 is it greater than two inches wide, three inches wide, 7 six inches wide, coming up with a regulatory definition 8 of a shovel, I think, is going to be challenging, if 9 that's what ends up getting forwarded on to the Board. 10 11 CHAIRMAN FLEAGLE: Ken Taylor. 12 13 MR. TAYLOR: Yes, Mr. Chairman, the only 14 other antler restriction that I can think of for caribou 15 that's ever been used has been on the subsistence hunter 16 where if we have tried to protect bulls we've required 17 antlered caribou only during the winter season. 18 19 CHAIRMAN FLEAGLE: Warren Eastland. 20 21 MR. EASTLAND: Mr. Chair. In British 22 Columbia they do have an antler restriction on caribou 23 and it's based on points. Now, there they're trying to 24 select the taking to only large bulls so that no large 25 bull can be taken unless it has at least five points 26 above the rear time. Since we're looking at things back 27 -- you know, trying to do it reversed, we can say the no 28 take of caribou with more than three points above the 29 rear tine or something on that order so it needn't be 30 restricted to shovels. There are other forms of antler 31 restriction that can be readily distinguished in the 32 field and implemented. 33 34 Thank you. 35 36 CHAIRMAN FLEAGLE: Thank you. There's no 37 guarantee that the Board would even consider this request 38 but -- I'm talking about the Board of Game, but I think 39 that it's a reasonable request coming from this Board 40 based on the biology and the information we received. 41 And I agree with Jack Reakoff, that even though the 42 change has been made for the non-resident harvest, the 43 change has been made from bull to caribou, that non-44 resident is still going to go out there and look for a 45 bull. 46 47 I know that we heard evidence about 48 guiding activity, this is also a really highly, heavily 49 used area by transporters that I don't -- maybe not 50 anymore with the reduction in the herd but it had been in 1 the past, you know, there's a lot of people that fly out 2 there and land on those ridge tops, there's just a lot of opportunity to land and -- and it may be self-limiting, 3 4 as we've heard, but this would definitely limit the bull 5 take by non-residents if they had no non-residents. 6 7 But anyway that's my take on it, I'd 8 support it. 9 10 Are we ready for the question. 11 12 MS. GOTTLIEB: Yes. 13 14 CHAIRMAN FLEAGLE: Pete, on the motion to 15 submit an emergency petition to the Board of Game, please 16 poll the Board. 17 18 MR. PROBASCO: Yes, Mr. Chair, and after 19 the vote, I would ask for some clarification from the 20 Chair when I get a chance. 21 22 CHAIRMAN FLEAGLE: Yes. 23 2.4 MR. PROBASCO: Okay. Final action on the 25 motion to submit an emergency petition to the Board of 26 Game to address the caribou situation in the units that 27 we have just discussed. 28 29 Mr. Eastland. 30 31 MR. EASTLAND: Aye. 32 33 MR. PROBASCO: Mr. Oviatt. 34 35 MR. OVIATT: Aye. 36 37 MR. PROBASCO: Mr. Kessler. 38 39 MR. KESSLER: Aye. 40 41 MR. PROBASCO: Mr. Edwards. 42 43 MR. EDWARDS: Aye. 44 45 MR. PROBASCO: Mr. Fleagle. 46 47 CHAIRMAN FLEAGLE: Aye. 48 49 MR. PROBASCO: And Ms. Gottlieb. 50

1 MS. GOTTLIEB: Aye. 2 3 MR. PROBASCO: Thank you, Mr. Chair. And 4 may I proceed? 5 б CHAIRMAN FLEAGLE: Yes. 7 8 MR. PROBASCO: I'm going to throw this on 9 the table and then get the Board's concurrence. My 10 understanding on this motion for emergency petition, 11 Staff would do a draft which would be reviewed by the 12 Board following the Board of Game's guidance in 13 submitting a petition, and we would seek concurrence from 14 the Federal Board prior to submitting that. 15 16 Mr. Chair. 17 18 CHAIRMAN FLEAGLE: That'd be fine. Any 19 objection to that. 20 21 (No objections) 22 CHAIRMAN FLEAGLE: Then that'd be fine. 23 24 Thanks. What do we got left to do? 25 26 MR. PROBASCO: Just moose. 27 CHAIRMAN FLEAGLE: Unit 9E moose, how bad 28 29 is that one going to be. 30 31 (Pause) 32 33 CHAIRMAN FLEAGLE: Pete, go ahead. 34 35 MR. PROBASCO: Dan, on this next 36 proposal, what's your quesstimate on time? 37 38 CHAIRMAN FLEAGLE: Dan LaPlant. 39 MR. LAPLANT: Mr. Chairman. No 40 41 predictions here. I'm substituting for Laura who had to 42 leave. 43 44 (Laughter) 45 46 MR. LAPLANT: So I don't have a great 47 depth of information to provide you on this one, so I can 48 make it brief from my side of the presentation but beyond 49 that it's your guess. 50

1 CHAIRMAN FLEAGLE: Board members, we've 2 reached 9:00 o'clock, we can go home. 3 4 I heard somebody say go home, so why 5 don't we do that. б 7 MR. BUKLIS: Mr. Chairman. 8 9 CHAIRMAN FLEAGLE: Larry. 10 11 MR. BUKLIS: Thank you, Mr. Chairman. We 12 had a request from the State that we provide to you 13 before you leave tonight, so you're better prepared for 14 tomorrow, the Alaska Department of Fish and Game comments 15 regarding the Federal Subsistence Board's threshold 16 analysis and action on Fishery RFR06-09 and further 17 reconsideration dated April 30th, 2007. So they've got 18 copies for Board members, Solicitor's office and the 19 Council Chair from Southcentral or we can provide it to 20 him through his coordinator, and we'll have more copies 21 for the public in the morning. 22 23 Thank you, Mr. Chairman. 2.4 25 CHAIRMAN FLEAGLE: So don't forget your 26 copy. 27 28 (Laughter) 29 30 CHAIRMAN FLEAGLE: Thank you, Larry. And 31 we'll start at 8:30, that's what we're advertised. 32 33 (Off record) 34 35 (PROCEEDINGS TO BE CONTINUED)

1 CERTIFICATE 2 3 UNITED STATES OF AMERICA ) 4 )ss. 5 STATE OF ALASKA ) 6 I, Joseph P. Kolasinski, Notary Public in and for 7 8 the State of Alaska and reporter for Computer Matrix 9 Court Reporters, do hereby certify: 10 11 THAT the foregoing pages numbered 187 through 399 12 contain a full, true and correct Transcript of the 13 FEDERAL SUBSISTENCE BOARD PUBLIC MEETING, VOLUME II taken 14 electronically by Nathan Hile on the 1st day of May 2007, 15 beginning at the hour of 8:30 o'clock a.m. at the 16 Sheraton Hotel in Anchorage, Alaska; 17 18 THAT the transcript is a true and correct 19 transcript requested to be transcribed and thereafter 20 transcribed by under my direction and reduced to print to 21 the best of our knowledge and ability; 22 THAT I am not an employee, attorney, or party 23 24 interested in any way in this action. 25 26 DATED at Anchorage, Alaska, this 9th day of May 27 2007. 28 29 30 31 32 Joseph P. Kolasinski 33 Notary Public in and for Alaska 34 My Commission Expires: 03/12/2008