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1	KODIAK/ALEUTIANS SUBSISTENCE			
2 3	REGIONAL ADVISORY COUNCIL			
4	PUBLIC MEETING			
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8	VOLUME I			
9 10				
11	Kodiak, Alaska			
12	March 29, 2023			
13	9:15 a.m.			
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16 17	COUNCIL MEMBERS DRESENT.			
18	COUNCIL MEMBERS PRESENT:			
19	Della Trumble, Chair			
	Patrick Holmes			
	Richard Koso			
	Samuel Rohrer Chris Price			
	Coral Chernoff			
	Rebecca Skinner			
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29 30	Regional Council Coordinator, Lisa Hutchinson- Scarbrough			
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0002 1 PROCEEDINGS 2 3 (Kodiak, Alaska - 3/29/2023) 4 5 (On record) 6 7 MS. SKINNER: All right. Good morning. 8 We're going to go ahead and get started with the 9 meeting. This is Rebecca Skinner. 10 I'm not sure, Della, did you want to 11 actually start off? 12 13 MADAME CHAIR TRUMBLE: Yeah, I'll go 14 ahead, Rebecca, if you can hear me okay. 15 16 Good morning, everybody. We could call 17 the meeting of the Kodiak/Aleutians Advisory Council to 18 order. Just for the record I have asked Rebecca to go 19 ahead and Chair this for me. I'm at a bit of 20 disadvantage and since you are all in person I think 21 that'll work a lot better. So I guess I'll turn -- go 22 ahead and turn this over to Rebecca. 23 24 Thank you. 25 26 ACTING CHAIR SKINNER: All right. 27 Thanks, Della. So we'll go ahead and get started on 28 our agenda. The first thing is going to be invocation, 29 call to order, roll call. Eventually we're going to 30 get down to welcome and introductions. So when we're 31 at that point everybody in the room will need to come 32 up to the microphones at the table so that we can get 33 it recorded. Make sure you push the button to turn it 34 But we'll go ahead and get started with the first on. 35 thing, invocation. 36 37 Pat Holmes, did you want to give the 38 invocation. 39 40 Yes, Ma'am, I will. MR. HOLMES: I'm 41 sorry I forgot to bring in the carving of Liam Sua 42 which is the Alutiiq deity that folks around this neck 43 of the woods and out west have different names for him, 44 but I'll bring the carving in later, I just forgot. And I'm getting to the point in life where I'm deaf as 45 46 a post and also get lost when I'm trying to do things 47 unless I've already got it all laid out by the door. 48 49 But anyway I think that we should take 50

1 a moment here and reflect on those that we've lost in our communities, that were so active in subsistence and 2 3 active in our communities and tribes and just stellar 4 people. And a couple of them that really come to mind very strongly for me is Margaret Roberts who was very 5 active with Woody Island and then my good friend, Roger 6 7 Balutin. And so if you recall folks in your community let's just take a moment to just think about them and 8 9 their contributions to helping us with subsistence and 10 helping learn to live good lives. And so let's just 11 take a minute and think about that. And then we'll go 12 on and just together I guess do the Lord's Prayer 13 because that kind of covers a lot of turf in terms of 14 what we should be thinking about. So let's just take a 15 minute here and think about those people. 16 17 (Moment of silence) 18 19 MR. HOLMES: I can't do that without a 20 big sigh and sometimes tears, but let's do the Lord's 21 Prayer. 22 23 (Invocation) 24 25 MR. HOLMES: I'm sorry, losing things. 26 I hope you folks can continue that because I'm just 27 getting to be a geezer. So I just I guess would just say amen and good thoughts for what we're trying to 28 29 achieve today. 30 31 Thank you. 32 33 ACTING CHAIR SKINNER: All right. 34 Thank you, Pat. We'll go ahead and call the meeting to 35 order at 9:13 a.m. 36 37 Lisa, if you could do the roll call and 38 make sure we have a quorum. 39 40 HUTCHINSON-SCARBROUGH: MS. Good 41 morning, Council. It's nice to have everybody here 42 today, at least some of us. And I think we'll see who 43 is online, but it's a nice day in Kodiak and looks like 44 we have some good attendance. So thank you for --45 everybody for coming. 46 47 Patrick Holmes. 48 49 MR. HOLMES: Present. 50

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		MR. ROHRER: Here.
	Price.	MS. HUTCHINSON-SCARBROUGH: Christopher
		MR. PRICE: Here.
	Chernoff.	MS. HUTCHINSON-SCARBROUGH: Coral
		MS. CHERNOFF: Here.
	Skinner.	MS. HUTCHINSON-SCARBROUGH: Rebecca
		ACTING CHAIR SKINNER: Here.
	Trumble:	MS. HUTCHINSON-SCARBROUGH: Della
		MADAME CHAIR TRUMBLE: Here.
	Koso.	MS. HUTCHINSON-SCARBROUGH: Richard
		MR. KOSO: Here.
	Richard. Natas	MS. HUTCHINSON-SCARBROUGH: Morning, ha Hayden.
		(No comments)
	Hayden.	MS. HUTCHINSON-SCARBROUGH: Natasha
		(No comments)
		MS. HUTCHINSON-SCARBROUGH: Madame re Natasha was not going to be available going to try to call in when she can.
	have seven out	Thank you. So we have a quorum. We of eight present.
		Thank you.
		ACTING CHAIR SKINNER: Great. Thank

0005 1 vou, Lisa. The next item on the agenda is meeting announcements and that is also Lisa. 2 3 4 MS. HUTCHINSON-SCARBROUGH: So again 5 just hello, everybody. This is of course the Kodiak/Aleutians Regional Advisory Council. 6 We're 7 meeting here at the Kodiak -- beautiful Kodiak Visitor's Center. I want to thank the Refuge for 8 9 providing this opportunity for us to meet here at this 10 space. And I want to thank everybody for -- also for 11 coming. We are also online for anybody that's online. You're welcome to call in. There's an agenda that is 12 available on the OSM website. So if you go to OSM and 13 14 you go to the Regional Advisory Councils under the 15 regions you'll find one for Kodiak/Aleutians and meeting book and also 16 there'll be a there's a supplemental materials and the agenda. So when you're 17 18 going through on the agenda if there's a number over 19 there that'll be the page number for the supplemental 20 or, I mean, for the meeting book and then if it says 21 supplemental tab the items will be under supplemental 22 tabs. So hopefully that's straightforward. 23 24 So just a few housekeeping things. Ι 25 wanted to say that address the Chair following the 26 opportunity to speak and I want to remind folks that 27 there will be time for tribal and public comment on 28 nonagenda items and the Chair will announce this each 29 morning. And this will be the opportunity for those 30 present as well as those participating on the phone to 31 speak on nonagenda items. And if anybody speaking, 32 participating on the phone, when we go through if -when you do call in for -- if you're speaking on the 33 34 phone just really state who your name is and who you're 35 representing if it's just a different organization or 36 if it's just your individual self. 37 38 I also wanted to welcome -- we have 39 three renewing Council members that are reappointed I guess I would say, Sam Rohrer and Chris Price and 40 41 Natasha Hayden. So welcome back and glad that you're 42 continuing to want to serve on the Council. And we 43 look forward to more meetings with you and information 44 that you can share about the region -- your region. 45 46 I have an ethics statement that we need 47 to read as just part of -- part of the process. So the Council members represent the people of their regions 48 49 to the Board, the Secretaries, agency Staff and the 50

1 general public. As Secretarial appointees Council members also represent the Federal 2 Subsistence 3 Management Program to the people of their regions. 4 Therefore Council members are expected to treat fellow 5 Council members, agency and organizational Staff and 6 members of the public with respect, both at public 7 meetings and at all times. 8 9 Council meetings are to be conducted 10 according to the Robert's Rules of Order. Rude 11 language and unruly behavior toward anybody attending 12 the meetings is not acceptable. All members must be 13 impartial, fair and courteous at meetings. As outlined 14 in Robert's Rules of Order the Council may call an 15 unruly member out of order or may order the member to 16 be silent or may have him or her removed from the 17 meeting if the behavior continues. We also may call 18 for a break to take care of the problem as well. 19 20 Another matter is unexcused absences. Members who travel to a Council meeting and remain in 21 22 the community, but do not attend the Council meeting 23 for any reason other than their own illness will not be 24 excused and may be required to reimburse the Federal 25 government for travel and per diem. 26 Additionally the Department's policy 27 28 the ethics responsibility of Advisory regarding states 29 Committee members that no Council or 30 subcommittee member will participate in any specific 31 party matter including a lease, license, permit, 32 contract claim, agreement or related litigation with 33 the Department in which a member has a direct financial 34 interest. Prior to any discussion of a particular 35 issue regarding which the member has a conflict of interest as described above, the members will make a 36 37 conflict of interest statement on the record and recuse 38 himself or herself. 39 40 If any kind of unruly behavior or 41 insulting language occurs during the meeting you will 42 need to be -- intervene immediately or I will be. 43 44 Anyway that's all I have. But anyway 45 welcome to the meeting and we will move back to you, 46 Ms. Chair. 47 48 ACTING CHAIR SKINNER: All right. 49 Thank you, Lisa. All right. The next thing on the 50

agenda is welcome and introductions. What I'm going to 1 do is run down by group or affiliation and then I'm 2 going to do the RAC members last. And so the first 3 4 group will be tribes. If there's anyone from a tribe either in the room or online and again if you're in the 5 room please come up to the table, use the microphone 6 7 and make sure you push the button. And what we're looking for is if you can state your name 8 and 9 affiliation. 10 11 Thank you. Any tribes in attendance. 12 13 MS. LEKANOFF: Rachel Lekanoff, 14 Fisheries Manager for Qawalangin Tribe of Unalaska. 15 16 MS. SALIMEN: Mandy Salimen, the 17 Environmental Program Director for the Qawalangin Tribe 18 of Unalaska. 19 20 ACTING CHAIR SKINNER: All right. That 21 looks like that's it for the room. Is there anyone 22 online from a tribe. 23 24 (No comments) 25 26 ACTING CHAIR SKINNER: Hearing none, 27 ANCSA corporations either in the room or online. 28 29 All right. Someone's coming up to the 30 microphone in the room. 31 32 MS. PETERSON: Good morning. Amy 33 Peterson, Koniag Community Affairs Liaison. 34 35 ACTING CHAIR SKINNER: All right. Is 36 there anyone online from an ANCSA corporation. 37 38 (No comments) 39 40 ACTING CHAIR SKINNER: All right. 41 Hearing none, next would be Alaska Department of Fish 42 and Game, anybody in the room or online. And we have 43 somebody in the room coming to the microphone. 44 45 Tyler MR. LAWSON: Good morning, 46 Lawson, I'm the Assistant Area Management Biologist for 47 the south Alaska Peninsula and Aleutian Islands. 48 49 MR. KEYSE: My name is Matt Keyse and 50

8000 1 I'm the Area Management Biologist for the south Alaska Peninsula Commercial Salmon and Herring Fishery. 2 Τ also want to add at 10:15 today there's a Statewide 3 4 tsunami alarm that's going to go off. So just so 5 everyone's aware when that happens. 6 7 ACTING CHAIR SKINNER: Yeah. Thank you 8 for the notice. 9 10 (Laughter) 11 12 ACTING CHAIR SKINNER: All right. Is 13 there anyone online from the Alaska Department of Fish 14 and Game. 15 16 MS. KEATING: Good morning. This is 17 Jackie Keating with the Division of Subsistence based 18 in Anchorage, but currently out in Unalaska. 19 20 MS. KRUEGER: Good morning. This is 21 Kelly Krueger with Sport Fish in Kodiak. 22 23 MR. DUNKER: Good morning. This is 24 Bill Dunker with the Division of Wildlife Conservation 25 here in Kodiak. 26 27 MS. VANDEVOORT: Good morning. This is 28 Amy Vandevoort with Alaska Fish and Game, Wildlife 29 Conservation in King Salmon. 30 31 Good morning. This is MS. LICHWA: 32 Evelyn Lichwa, Assistant Wildlife Biologist for King 33 Salmon and Dillingham. 34 35 MS. HUTCHINSON-SCARBROUGH: Excuse me. 36 Would you mind repeating your name, please, we couldn't 37 hear you. 38 39 (No comments) 40 41 ACTING CHAIR SKINNER: Could the last 42 speaker from Fish and Game redo the introduction and 43 move a little bit closer to the microphone. 44 45 MS. LICHWA: Evelyn Lichwa, Assistant 46 Wildlife Biologist for King Salmon and Dillingham. 47 48 MS. HUTCHINSON-SCARBROUGH: Thank you. 49 50

0009 1 MR. BURCH: This is Mark Burch from the Department of Fish and Game from the Palmer office. 2 3 4 ACTING CHAIR SKINNER: All right. Are 5 there any other Fish and Game representatives online. 6 7 (No comments) 8 9 ACTING CHAIR SKINNER: Okay. Hearing 10 none, we'll move on to Federal agencies in the room and 11 online, Fish and Wildlife Service. All right. We have 12 people heading to the microphone. 13 14 MR. ROBERTS: Good morning, Madame 15 Chair and members of the Council. I'm Jason Roberts, 16 Anthropologist with the Office of Subsistence 17 Management. 18 19 MS. GREDIAGIN: Hi. I'm Lisa 20 Grediagin, the Wildlife Division Supervisor with OSM. 21 22 MS. HOLMAN: Good morning. This is 23 Kendra Holman, Wildlife Biologist with the Office of 24 Subsistence Management. 25 26 MR. LIND: Good morning, Madame Chair 27 and Council members. Orville Lind, Native Liaison from the Office of Subsistence Management. 28 It's good to be 29 back here and seeing all of your faces. Good morning. 30 31 MR. BRADY: Good morning. Mike Brady, 32 Fish and Wildlife Service, Refuge Manager, Kodiak 33 National Wildlife Refuge. 34 35 MR. HERNANDEZ: Good morning. Danny 36 Hernandez, Kodiak Refuge. 37 38 MS. WILLIAMS: Good morning, Madame 39 Chair and members of the Council. My name is Allison Williams, Wildlife Biologist with Izembek National 40 41 Wildlife Refuge. 42 43 Good morning, Madame Chair, MR. PYLE: 44 members of the Council. My name is Bill Pyle, I'm the 45 Supervisor Wildlife Biologist for Kodiak National 46 Wildlife Refuge. 47 48 MS. MARTIN: Good morning. My name is 49 Kate Martin, I'm with Migratory Bird Management and I'm 50

0010 1 the Coordinator for the Sea Duck Joint Venture. 2 3 Thank you. 4 5 ACTING CHAIR SKINNER: All right. That 6 looks like everyone in the room. So online -- oh. I 7 see people are trying to wave somebody else forward. 8 9 (Laughter) 10 11 ACTING CHAIR SKINNER: BIA. Yeah, and 12 I'm going to confess I didn't list the Federal agencies 13 by name because I was like what are the Federal 14 agencies, there's so many of them. And I apologize for 15 that. 16 17 (Laughter) 18 19 MR. CHEN: Aloha. 20 21 (Laughter) 22 23 MR. CHEN: My name is Glenn Chen, I'm 24 the Subsistence Branch Chief for the Bureau of Indian 25 Affairs. And it's always a pleasure to attend your 26 meetings. 27 28 ACTING CHAIR SKINNER: Thank you. So 29 online do we have anyone else from OSM. 30 31 STONE: MR. Good morning. 32 (indiscernible - simultaneous speech) ..... 33 34 Good morning, Madame MS. WESSELS: 35 Chair. 36 37 MR. STONE: .....with Office of 38 Subsistence Management. 39 40 MS. WESSELS: Good morning, Madame Chair, members of the Council. Katya Wessels, Council 41 42 Coordination Division Supervisor with OSM. 43 44 Thank you. 45 46 MS. HUTCHINSON-SCARBROUGH: Could the 47 person that just introduced themself before Katya could 48 you repeat your name, please. 49 50

0011 1 Thank you. 2 3 MR. STONE: Yeah, sorry. This is 4 Jarred Stone, Fisheries Biologist with the Office of 5 Subsistence Management. 6 7 MS. HUTCHINSON-SCARBROUGH: Thank you, 8 Jarred. 9 10 MS. LaVINE: Good morning, Madame 11 Chair, members of the Council. This is Robbin LaVine, 12 Subsistence Policy Coordinator with the Office of 13 Subsistence Management. 14 15 ACTING CHAIR SKINNER: All right. Is 16 there anyone else online from OSM. 17 18 (No comments) 19 20 ACTING CHAIR SKINNER: Okay. Is there 21 anyone online from the Kodiak Refuge. 22 23 (No comments) 24 25 ACTING CHAIR SKINNER: All right. Is 26 there anyone online from Izembek. 27 28 MS. FOSADO: Good morning, Madame Chair and members of the Council. 29 This is Maria Fosado, 30 Refuge Manager at Izembek Refuge. 31 32 MS. MELENDEZ: Good morning, Madame Chair and the Council members. Leticia Melendez from 33 34 Izembek. 35 36 ACTING CHAIR SKINNER: All right. Do 37 we have anyone from the Maritime..... 38 39 MS. HUTCHINSON-SCARBROUGH: Alaska 40 Maritime. 41 42 ACTING CHAIR SKINNER: Yeah. Alaska 43 Maritime Refuge. 44 45 (No comments) 46 47 ACTING CHAIR SKINNER: All right. I'm 48 going to have to open it up. Anyone else online from 49 Federal agencies. 50

0012 1 MR. RISDAHL: Good morning, Madame Chair and Council Members. This is Greg Risdahl with 2 the USDA Forest Service. I'm the Subsistence Program 3 Leader and InterAgency Staff Committee member. 4 I'm 5 glad to be back with you today. 6 7 Thank you. 8 9 MS. KLEIN: Good morning. This is Jill Klein with U.S. Fish and Wildlife Service. I'm their 10 11 Regional Subsistence Coordinator based in Anchorage. 12 And happy to be listening in today. 13 14 Thank you. 15 16 ACTING CHAIR SKINNER: All right. And 17 then I see we do have somebody from Enforcement in the 18 back. If you could come up and introduce yourself. I 19 apologize, I didn't have a separate breakout for you. 20 21 TROOPER WALSH: Good morning. My name 22 is Nathan Walsh, I'm here with the Wildlife Troopers 23 based here in Kodiak. 24 25 ACTING CHAIR SKINNER: All right. Do 26 have anyone else online who hasn't had an we 27 opportunity to introduce themselves. 28 29 (No comments) 30 31 ACTING CHAIR SKINNER: Okay. Then we 32 will go ahead and do introductions around the Council 33 table and I'm going to start at the end with Chris 34 Price. 35 36 MR. PRICE: Good morning. Chris Price, 37 Unalaska. 38 39 MR. ROHRER: Good morning. Sam Rohrer 40 from Kodiak. 41 42 MS. CHERNOFF: Coral Chernoff from 43 Kodiak. 44 45 MR. HOLMES: Pat Holmes, Kodiak. 46 ACTING CHAIR SKINNER: And this is 47 48 Rebecca Skinner from Kodiak. 49 50

0013 1 And I'll go online, Council members on 2 line. 3 4 MR. KOSO: Rick Koso, Adak. 5 6 MADAME CHAIR TRUMBLE: Good morning. 7 This is Della Trumble, King Cove. 8 9 ACTING CHAIR SKINNER: All right. 10 Thank you. And then, Lisa, did you want to introduce 11 yourself again. 12 13 MS. HUTCHINSON-SCARBROUGH: Hi. This 14 is Lisa Hutchinson-Scarbrough. I'm the Council 15 Coordinator for the Council. Good morning. 16 17 ACTING CHAIR SKINNER: All right. 18 Thank you. Is there anyone that did not have a chance 19 to introduce themselves. 20 21 (No comments) 22 23 ACTING CHAIR SKINNER: Okay. We'll 24 move on to the next.... 25 26 MR. RINALDI: Good morning. 27 28 ACTING CHAIR SKINNER: Go ahead. 29 30 MR. RINALDI: Good morning. This is 31 Todd Rinaldi with the Department of Fish and Game. I'm 32 the Regional Management Coordinator for the Central Southwest Region. And I think we have some other Fish 33 34 and Game Staff on the phone as well. 35 36 ACTING CHAIR SKINNER: All right. If 37 there's additional Fish and Game Staff who haven't 38 introduced themselves go ahead. 39 40 (No comments) 41 42 ACTING CHAIR SKINNER: All right. We 43 might have gotten them earlier during introductions. 44 45 Okay. If that's it for introductions 46 we'll move on to the next item on the agenda which is 47 review and adopt the agenda. So I'll take a motion to 48 adopt the agenda. 49 50

0014 1 MR. HOLMES: Madame Chair, move to 2 adopt. 3 4 MR. PRICE: Second. 5 6 ACTING CHAIR SKINNER: Thank you. It's 7 been moved and seconded. Is there any discussion. 8 9 MS. HUTCHINSON-SCARBROUGH: Madame 10 Chair, I'd like to just make a couple of comments. 11 First of all the agenda that we're going to be looking 12 at is in the supplemental materials under tab 1 for 13 anybody that's online or in the room. I also provided 14 you guys with a solid copy as well. 15 16 There's a couple agenda items that need 17 to be addressed, sort of a time constraint. The first 18 one will be tomorrow at 11:00 a.m. So not today, but 19 tomorrow at 11:00 a.m. which is under item number of 20 new business 13(a). And that was with the Department Indian Affairs briefing regarding Office 21 of of 22 Subsistence Management with Bryan Newland. So he's 23 only available to call in during that period of time. 24 25 In addition item 13(g) for the NOAA 26 report, the Alaska Fisheries Science Center with Dr. 27 Ellen Yasumiishi. She's available only today so we 28 just need to -- she's going to be online today, but we 29 just need to make sure we accommodate her today. 30 31 And that is all that I have for now. 32 Thank you. 33 34 ACTING CHAIR SKINNER: All right. 35 Thanks, Lisa. Just thinking, to give Dr. Yasumiishi a time certain or more of a time certain can we move her 36 37 up to item -- the first thing under new business. That 38 should be today, right. 39 40 MS. HUTCHINSON-SCARBROUGH: We can accommodate that if the Council would like to do that, 41 42 yes. I will just get in touch with her, she has not 43 called in yet. 44 45 Thank you. 46 47 ACTING CHAIR SKINNER: Is there any 48 objection to moving item H under new business up to item A to try to make sure that gets done today. 49 50

0015 1 (No comments) 2 3 MR. ROHRER: Item G. 4 5 ACTING CHAIR SKINNER: Sorry. Not, H. 6 G. Thank you. Okay. Is there any objection to the 7 agenda as amended. 8 9 (No comments) 10 11 ACTING CHAIR SKINNER: Okay. Seeing no 12 objection, the agenda is approved. 13 14 Moving on to the next agenda item is 7, 15 election of officers. And the -- the first office is 16 the office of Chair and I'll hand this over to the 17 Council Coordinator. 18 19 MS. HUTCHINSON-SCARBROUGH: Good 20 morning. You keep hearing from me. Again this is Lisa. And I -- as the DFO for the meeting I get to do 21 22 this part. And so every year in the winter Council 23 meeting the Council elects its officers for a one year 24 term. And however I just will be -- I guess I'm just the floor for nominations for your 25 opening up 26 president. 27 28 Thank you. Do we have any nominations. 29 30 MR. KOSO: I'd like to nominate Della 31 Trumble. 32 33 MS. HUTCHINSON-SCARBROUGH: Okav. We have a nomination from Richard for Della Trumble. 34 35 36 MR. HOLMES: Second. 37 38 MS. HUTCHINSON-SCARBROUGH: Okav. Do 39 we have any other nominations for Chair. 40 41 (No comments) 42 43 HUTCHINSON-SCARBROUGH: MS. Okay. 44 Going once, going twice. Hearing none, okay. So everybody -- I guess we will just do a roll call vote 45 on everybody in favor of Della Trumble. 46 47 48 Patrick Holmes. 49 50

0016 1 MR. HOLMES: Aye. 2 MS. HUTCHINSON-SCARBROUGH: Richard 3 4 Koso. 5 6 MR. KOSO: Aye. 7 8 MS. HUTCHINSON-SCARBROUGH: Sam Rohrer. 9 10 MR. ROHRER: Aye. 11 12 MS. HUTCHINSON-SCARBROUGH: Christopher 13 Price. 14 15 MR. PRICE: Aye. 16 17 MS. HUTCHINSON-SCARBROUGH: Coral 18 Chernoff. 19 20 MS. CHERNOFF: Aye. 21 22 MS. HUTCHINSON-SCARBROUGH: Rebecca 23 Skinner. 24 25 ACTING CHAIR SKINNER: Aye. 26 27 HUTCHINSON-SCARBROUGH: MS. And 28 Natasha's not here. Della, do you accept the 29 nomination? I guess I should have asked you that 30 first. 31 32 MADAME CHAIR TRUMBLE: Yes, I do, but 33 I'm -- I like to let everybody know this past year has 34 been a little bit rough for me because I did have the 35 knee surgery. Couldn't be at this meeting today because we had some fairly important visitors here 36 37 Monday and Tuesday regards our code issue. So but I'll 38 do the best I can and I sure appreciate Rebecca's help 39 with all of this. She's done a wonderful job. 40 41 ACTING CHAIR SKINNER: Thank you. 42 43 HUTCHINSON-SCARBROUGH: MS. Okay. 44 And it was unanimously passed. Thank you, Della. Della, you are continuing Chair and thank you so much 45 46 for all of your years of service by the way. And we 47 hope that you -- your speedy recovery and that we'll be 48 able to see you as well at this next meeting. 49 50

0017 1 Okay. We will move on to the Vice-2 Chair so I will move it back to Madame Chair -- Vice 3 Chair, for the vice president. 4 5 Thanks. 6 7 ACTING CHAIR SKINNER: All right. It's 8 not completely clear who the new -- well, yeah, okay. So, Della, I'm just going to go ahead and continue to 9 10 step in for you even though technically that may not be 11 correct. 12 13 Open the floor for nominations for the 14 Vice Chair. 15 16 Pat. 17 18 MR. HOLMES: Madame Chair, I'd like to 19 nominate Becky Skinner. She's got a fantastically 20 precise mindset and can do four things at once. So 21 she's definitely a good fill in for Della when needed. 22 23 Thank you, Madame Chair. 24 25 MR. ROHRER: I'll second that. 26 27 MADAME CHAIR TRUMBLE: Madame Chair, 28 this is Della. I will second that nomination. 29 30 ACTING CHAIR SKINNER: All right. Are 31 there any other nominations. 32 33 (No comments) 34 35 ACTING CHAIR SKINNER: All right. 36 Seeing and hearing none, do you want a roll call vote. 37 38 MS. HUTCHINSON-SCARBROUGH: We can --39 you can do a roll call or you can do it. 40 41 ACTING CHAIR SKINNER: Okay. Is there 42 any objection. 43 44 (No comments) 45 46 ACTING CHAIR SKINNER: All right. 47 Seeing and hearing no objection, thank you, everyone. 48 49 All right. Opening the floor to 50

0018 nominations for Secretary. 1 2 3 MR. ROHRER: I'll nominate Chris Price 4 if you're willing. 5 6 MADAME CHAIR TRUMBLE: This is Della. 7 I'll (indiscernible - simultaneous speech)..... 8 9 ACTING CHAIR SKINNER: All right. Are 10 there any other nominations. 11 12 (No comments) 13 14 MADAME CHAIR TRUMBLE: I'll second his 15 nomination. 16 17 ACTING CHAIR SKINNER: Go ahead, Della. 18 19 I was seconding Sam's nomination for 20 Chris. 21 ACTING CHAIR SKINNER: Oh. Thank you. 22 23 Okay. Is there any objection. 24 25 (No comments) 26 27 ACTING CHAIR SKINNER: All right. 28 Seeing and hearing no objection Chris Price is 29 reelected as Secretary. So we have our slate of 30 officers. 31 32 Thank you, everyone. All right. So 33 moving on to the next agenda item, review and approve 34 previous meeting minutes. Those are in the packet and 35 I'll take a motion to approve the minutes. 36 37 MR. KOSO: So moved. 38 39 ACTING CHAIR SKINNER: Thanks, Rick. 40 41 MS. CHERNOFF: Second. 42 43 ACTING CHAIR SKINNER: All right. It's 44 been moved and seconded. Are there any -- is there any 45 discussion or comments. 46 47 MR. HOLMES: Madame Chair. 48 49 ACTING CHAIR SKINNER: Go ahead, Pat. 50

0019 1 MR. HOLMES: There's one point, I forget where it was, but it was a discussion presented 2 by OSM Staff on the cultural and ethnic backgrounds of 3 4 subsistence users for Kodiak area. And they left out 5 Scandinavians. And might be a point to just keep in mind for the next discussion because some of our 6 7 villages like Old Harbor there's so many Danes in our regions there that it's a -- anyway they're an 8 important part of our community ethnically in the long 9 10 run as the Russians and Alutiiq folks. So just a small 11 correction for the future. 12 13 ACTING CHAIR SKINNER: Thanks, Pat. So 14 we'll just leave that as a note to Staff because I 15 don't think it actually was discussed, but if Staff could make a note to include that in further -- future 16 17 analyses. 18 19 MS. HUTCHINSON-SCARBROUGH: Okay. 20 21 ACTING CHAIR SKINNER: Any other additional comments. 22 23 24 (No comments) 25 26 ACTING CHAIR SKINNER: All right. 27 Hearing and seeing none, is there any objection to 28 approving the minutes. 29 30 MR. HOLMES: Move to approve. 31 32 ACTING CHAIR SKINNER: We had a motion 33 and it was seconded, there's no further discussion and 34 I don't see any objections so the minutes are approved. 35 36 All right. Next item on the agenda. 37 We're to reports, Council member reports. I'm going to 38 start at the end with Chris again. 39 40 MR. PRICE: Can you go over the general 41 guidelines for Council member reports, what are you 42 guys looking for on these? 43 44 HUTCHINSON-SCARBROUGH: MS. Yes, 45 through Madame Chair, Mr. Price. It's up to you. It's 46 like we like to -- I think the Council tends to like to 47 just talk about regional issues that are going on 48 regarding subsistence or even just local community 49 happenings and concerns and things that are going on. 50

0020 1 So it's your floor. 2 3 Thank you. 4 5 All right. Thank you, MR. PRICE: 6 guys, for setting up the meeting. I really like 7 getting this packet out early and I see the supplement is really packed. So I'm looking forward to a great 8 9 meeting. 10 11 Unalaska, we've been having a pretty 12 decent winter, didn't have too much snow. We had a couple really big storms this winter though that 13 14 affected our community. We had some big rainfall 15 events and we got through that. We had close to some emergency declarations on some of the local roads and 16 17 infrastructure that were hit pretty hard. We're 18 looking at improving some wildlife or fisheries habitat 19 in Unalaska. That's going to be real important on 20 Unalaska Lake and we've got some reports from the tribe 21 this week that or this, you know, today and tomorrow that can help inform on that. And again we're working 22 23 on those habitat issues with Unalaska Lake and we'll 24 have a report on McLees Lake as well and other 25 fisheries things that are going on on the Island. 26 So again thank you guys for your time 27 and appreciate being here. Thank you. 28 29 30 ACTING CHAIR SKINNER: Thanks, Chris. 31 Sam. 32 33 MR. ROHRER: Thank you. First off I 34 just want to say I'm really sorry I missed yesterday's 35 potluck, I ended up having a sick kid and was helping 36 out with that. And so anyway I was looking forward to 37 it and missed it so sorry about that, but I hope it was 38 a good time. 39 40 And so anyway just wanted to report on, 41 you know, my interests certainly run more on the game 42 side of things. Those are really the issues I pay 43 attention to. Winter's been pretty mild Island wide. 44 We continue to see recovery of our deer populations around the Island so that's encouraging. Last fall's 45 46 harvest was good. Heard lots -- I mean, heard that 47 report from lots of different folks out in the field. 48 So and certainly my own experience hunting with my kids 49 we had good success, lots of deer. And again good 50

1 winter this year, we're expecting to continue to see our deer numbers rebound. 2 3 4 I would like to report I was -- I spent 5 the last weekend and beginning of the week over in 6 Soldotna at the Board of Game meetings, it was covering 7 Kodiak and -- other areas, but Kodiak was up. There was a couple proposals there that I think probably our 8 9 RAC would be interested in, but the main one was there 10 was a proposal to reduce deer harvest for -- bag limits 11 for residents and nonresidents. The Board of Game 12 heard lots of testimony from Kodiak folks about not so 13 much declining deer populations, but localized high 14 pressure particularly around villages and popular 15 hunting spots, easy to assess spots. The Board was -the Board of Game was pretty sensitive to those 16 17 concerns and they ultimately modified the proposal to 18 leave the resident harvest limits the same, but to 19 reduce nonresidents to one really in hope to try to 20 persuade some of the -- we're getting a lot of 21 increased charter boat presence here and so really as a 22 way to kind of slow the growth of that down. So anyway 23 the Board Ithink unanimously passed that, itwould be --24 be in my notes, but they -- but they did pass that so 25 that was a good thing. That's -- and I know Board of 26 Game's on here I think later for a report. So there 27 was more, but those -- that was the big one I think. 28 29 That's all I have to report, but I 30 would just say because normally we don't ask other 31 Board members or RAC members questions. So I'm just 32 hoping, Della, maybe that when you give your report 33 you'll give us a report on the King Cove Road issue. 34 I'd be curious to know what's going on with that, I 35 know it's in the news again. 36 37 So that's all I have. 38 39 ACTING CHAIR SKINNER: Thanks, Sam. 40 Coral. 41 42 MS. CHERNOFF: Good morning. I guess 43 today I'm just going to report on last fall I kind of 44 embarked on a mission to apply for and get subsistence permits which was kind of an interesting process. What 45 46 I found through that is I think the process is a bit --47 for every subsistence permit I applied for the process 48 is a bit -- well, except for AMBCC really easy process 49 to go online and apply for a bird permit, but others

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0022 1 were kind of clumsy, they're sort of unclear. I think it creates a barrier to subsistence that I think we 2 need to work on which I plan on sort of starting to 3 4 work on. We need to clear up maps and processes and 5 education in the offices where people are applying. 6 7 So that's all I have to report. That's 8 something that I was a bit surprised to find. And I'll 9 be working on that with I assume others in town at the 10 agencies. 11 12 So thank you. 13 14 ACTING CHAIR SKINNER: Thank you. Pat. 15 16 MR. HOLMES: Madame Chair, I guess I 17 really didn't get out doing too much subsistence this 18 fall again. More problems with my ears so if anybody's 19 talking to me and I don't respond please touch me on 20 the shoulder so I can look you in the face and try and 21 get my hearing aids turned up a bit. 22 23 I would like to comment in a positive 24 way about our community in that when a lot of folks 25 heard I was getting more work done on my ears and 26 wasn't getting out much, Paul Chernavac and some --27 another quide and some of the kids that are in their 28 40s now that I used to give food and game and deer to 29 their grandparents, drop by and so and so I ended up 30 with a good load of venison and goats and all kinds of 31 stuff in my freezer. And so I went and gave it back to 32 some of the -- shared some of that with some of the 33 grandparents I know that don't get out either. 34 35 But I think that it sounds like the 36 deer harvest was picking up. I think maybe as a footnote to Sam because it -- might want to enlarge 37 38 I noticed that the local Refuge made some upon it. 39 comments on proposed changes for mountain goat harvest 40 And individual members of this on the Island. 41 Committee, myself up until this year I've participated 42 in a study group with the local Fish and Game Advisory 43 Committee on mountain goats. And so through the years we massaged things out so that folks in the villages 44 can have a little registration hunt and give them a 45 46 little advantage late in the season when the mountain 47 goats are more available. Some of the proposals at the 48 State level could have buggered that up a little bit, 49 but I think it's pretty much status quo, but you might 50

1 want to correct me, Sam, but I think that's one of the things -- processes that our community pursues is 2 3 getting all entities, State or Federal or whatever, to 4 try to give the benefit for folks that are local to be 5 able to get their foods. And so that was good. 6 7 I did do since our last meeting a fair 8 amount of personal research on some of the items that we were -- raised on Lake Andrews. 9 Jeff Williams has 10 volunteered to be our point of contact, he's the Refuge 11 Manager for the Aleutians. He gave some information on 12 the Restoration Board that I'll cover for Adak later. 13 14 I did a lot of work with all the 15 agencies trying to find a stream rehabilitation person that could help the goals of our Council here for Adak, 16 17 Lake Andrews and for Unalaska systems and I did find 18 one. With some help from George Pappas and some other 19 folks, there's no longer one with the State. After the 20 earthquake we had the Fisheries Rehabilitation and 21 Enhancement Division with Fish and Game, but all those 22 people have left and retired. And anyway I checked 23 with every agency I could find and there's a fellow 24 with Fish and Wildlife Service in Anchorage that has an 25 extensive background in stream rehabilitation and also 26 grant monitoring. And so that might be a good thing 27 that might work out for Adak as well as for the folks at Unalaska and the Qawalangin Tribe. So that's some 28 29 really positive things. 30 31 And I also did some work because you 32 might remember when we went to Unalaska I noted that I was shocked to see nothing had happened on Unalaska 33 34 system. And my last year there was the last salmon 35 biologist stationed in the Aleutians. And I was able to find with a lot of poking around a lady in Habitat 36 37 Division who found a draft of a study that I had worked 38 on with some other Fish and Game folks on some very 39 simple, practical solutions for Unalaska system. And 40 so Jeanette Alas with Habitat Division at Fish and Game 41 was able to find one of his successors that had written 42 a memo on it. Anyway that's been found and so I'm 43 going to make sure that that gets to ADF&G for the 44 Peninsula management -- Peninsula Aleutian management 45 and also to Chris' folks. 46 47 So those are a couple of fun little 48 side tangents that I could do without having to climb 49 mountains and haul a deer back over the other side, at 50

0024 1 least I still can fenagle. 2 3 So thank you very much, Madame Chair. 4 5 ACTING CHAIR SKINNER: Thank you, Pat. 6 Rick Koso. 7 8 MR. KOSO: Yeah, Madame Chairman. This 9 is Rick Koso here. Yeah, on Adak, you know, we had 10 some good news and we also had some bad news. The bad 11 news I should start off with is the Aleutian School 12 District has sent out a notice that they will not be 13 opening the school in 2023 and 2024. So that's a 14 bummer. I guess the only good news coming right now 15 would be that, you know, we've been working -- I'm still on the Adak Community Development Corporation 16 17 Board and we've been working with processors and the Aleut Corporation and other people to try to get a 18 19 buyer in there or open up the plant. So that's -- so 20 far that it's been all real positive and hopefully 21 within the next year to two we can have some sort of a 22 floater or processor there in Adak. So that's still in 23 the works and it's looking hopeful, I can put a -- at 24 least say hopeful on that. That's -- that would be a 25 big plus. 26 27 And as far as what went down I met the 28 -- last year we had a meeting on the caribou, March of 29 And we had all of the -- all of the last year. 30 Maritime Refuge Staff they were all attending and then 31 we had, you know, a couple of the city council people 32 and we sat a couple of the guides and we had some local 33 people that attended the meeting so we had a very good 34 showing of interest from the community. And so the 35 meeting went well and lots of information and whatnot 36 So it was all very positive so things are on it. 37 looking pretty good. I had a couple disagreements at 38 the -- with the Refuge, but that's always going to be I 39 guess. Anyway looking good and I was happy to have the 40 meeting and I still think Jeff and -- I guess, it's --41 what's the other one, Steve, yeah, Denali 42 (indiscernible distortion) and bringing us 43 information on the caribou. 44 45 And let's see, what else is Adak going 46 on there. Yeah, Adak as far as population wise it's 47 very -- they've dropped down now, I think we're looking 48 at probably around 30 people in Adak right now. So 49 it's really not looking good. I think the only thing 50

1 that's going to bring that community back would be a fish plant of some sort. So we're working on that and 2 3 hopefully we get something in, you know, in the next 4 year or two on that deal. So Adak right now is having 5 kind of a tough time. 6 7 But as far as subsistence goes and the 8 -- you know, at least the water part of it, the salmon, 9 the halibut and that kind of stuff, they don't seem to 10 have much of a problem to get that. And as far as Lake 11 Andy goes, you know, we've talked about that quite a 12 bit and I'm glad Pat has been, you know, kind of 13 frontlining that for us and I appreciate that, Pat. 14 15 And so there's, you know, a little bit ofaction on that. I know they -- they were going to --16 17 the contractors were there, said they were going to open the -- you know, for the Navy we're going to open 18 19 up the river there so the fish can get into the lake. 20 And he said they probably could keep that open -- as 21 long as they're working there he'll keep it open, but 22 they're only looking at maybe two years before they're 23 out of there and then that whole land property can 24 either go to the Refuge or the only other person --25 private person that probably owned that would be the 26 Aleut Corporation. So I'll be talking with the Aleut 27 Corporation on that, but there's a lot of liability on 28 that because they're not going to guarantee that 29 everything is out of that beach area where the creek 30 comes in and so there still might be some unexploded 31 So there's always going to be ordnance there. 32 restrictions on that area. So I don't know how that's 33 going to work out whoever gets the property. 34 35 Anyway that's the problems we have in 36 Adak I guess. So that's about all I have on that. 37 38 ACTING CHAIR SKINNER: All right. 39 I'll go next and then we'll close out Thanks, Rick. 40 with Della. The Kodiak Advisory Committee for -- in 41 relation to Fish and Game had discussion about concerns 42 with localized access for -- to deer, mostly the 43 discussion was around deer and Sam alluded to this 44 earlier. So the Kodiak AC formed a transporter working group because it sounded like a lot of the concern was 45 46 around licensed transporters bringing non-Kodiak 47 resident hunters to Kodiak Island to do hunting. And 48 that in some areas that extra activity was leading to

- 49 difficulties for residents accessing deer.
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1 And that transporter working group has met twice, these are public meetings and I anticipate 2 there will be additional meetings to discuss this 3 4 issue, flesh out if there's opportunities to focus 5 exactly what the concern is, if there's particular areas that are of greater concern and then talk about 6 7 ways of addressing the problem. So solutions may be through the Alaska Board of Game, maybe there are 8 Federal Subsistence Board solutions, but either way I 9 10 just want to let the public know that those meetings 11 and discussions are happening. And again they're 12 public and if you want to be on the email list for notifications for those you can let meknow or let the --13 14 our Coordinator for the Kodiak AC which is Teran 15 Britto O'Conner or O'Conner Britto. Anyway it's Teran. 16

18 My next thing I did on behalf of the 19 Kodiak Aleutians RAC attend the Federal Subsistence 20 Board meeting at the end of January and beginning of February. And so I attended the entire meeting for all 21 22 the days of that and I guess I just want to report that 23 all of the recommendations, all the actions that came out of the RAC were approved by the Federal Subsistence 24 25 Board and that included all of the closure reviews that 26 we did. So by far we had the most closure reviews to 27 report on at that meeting. So congratulations to 28 everyone that our actions were all approved.

30 And then the last thing I want to 31 comment on and this came up a little bit at the Federal 32 Subsistence Board meeting, it's come up at Board of Fish, it's come up at the North Pacific Fishery 33 34 Management Council, you see it in the media, you see it in social media, the tension between the 35 -- the 36 issue between resource commercial fishing and 37 subsistence fishing. And I think especially for our 38 region it's just -- I think it's important to note and 39 remind people who -- you know, that don't live in our communities that our communities are very dependent on 40 41 commercial fishing as well as subsistence. And it's 42 not -- this issue isn't as simple as -- there is a 43 subsistence priority, I stand by that, but when you're 44 looking at a tradeoff between subsistence and 45 commercial fishing there are going to be impacts when 46 you have restrictions on commercial fishing as well. 47 And for our region I think it's just -- that tension is 48 very obvious. And what I've seen is that's not -- the 49 tension doesn't necessarily exist to that extent in 50

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0027 1 other areas. 2 3 And I just want to comment on that 4 because again I -- this -- I saw this at the Federal Subsistence Board, I'm looking down the table toward 5 Chris because he's nodding his head, he saw it there as 6 7 well. And I think it's something that, you know, we don't have specifically in our agenda, but whether we 8 9 talk about it as a group or have offline conversations, 10 it's a real issue and it's something that we're all 11 dealing with. So I just wanted to comment on that. 12 13 And then, Della, I will hand it over to 14 you for the Chair's report. 15 16 MADAME CHAIR TRUMBLE: Thank you, 17 Rebecca. Basically I'm just basically doing a report 18 as a member right now. I think the weather out here 19 this past winter since our last meeting has been 20 horrendous, we've had a lot of -- a lot of big storms. There's been times they haven't got an airplane in here 21 or mail for (indiscernible - distortion) time. The --22 23 lots of wind, fog, lots of rain. Given that I was in Anchorage for my knee surgery for almost a month and a 24 25 half -- well, for a month and a half and then flying 26 home given all the snow in Anchorage and Wasilla area 27 and not to see anything down here was quite a surprise. 28 In a -- I guess given that amount of snow up in that But the bears haven't gone into hibernation, 29 area. 30 they're still wandering. I think it didn't -- we have 31 very limited snow. 32 33 The fish seasons, the State cod and 34 Federal cod seasons only lasted a week if that and they 35 keep getting shorter and shorter which is a big 36 concern. The crab season's not here. I think we did 37 have the one crab season that the local fish -- I think 38 that lasted maybe four or five days and that was in bad 39 weather is a bit of a concern. 40 41 I think the -- I did attend the Board 42 of Fish meetings, I think Rebecca talked a little bit 43 about that and the contention in regard to in this case 44 area M. And the group from up north is real and it is So just got to continue to try to work 45 a concern. 46 together is the only solution I think that we have. 47 And education is a big part of all of this in our 48 region. 49 50

0028 1 I think Rebecca and Chris attended the Federal Board meeting and I appreciate that. 2 I was 3 able to call in for a short period of time, but given 4 that was shortly after my knee surgery I wasn't in any 5 frame of mind to be attending any meet -- attending 6 meetings for a long period of time. 7 8 We had in a call with the Secretary of 9 Interior Haaland in regard to our role between the two 10 communities and we're given the news that what was on 11 the table with Secretary Bernhardt was being pulled. 12 That was something of a blow to us, we did not expect 13 that to be honest with you. She did however maintain 14 that she will work with us to resolve this issue. So 15 basically that's where we're at and one of the main reasons why I'm (indiscernible - distortion) go to the 16 17 Kodiak meeting that (indiscernible - distortion) people

18 had came -- come in on Monday, Rainus Bale from 19 Interior Office and Tommy Berthrow were here and Sara 20 of U.S. Fish and Wildlife Area Director, Barrio Regional Director and Lucy from Senator Murkowski's 21 22 office were -- met here in (indiscernible - distortion) 23 spent overnight. And that was a public and got a little bit more of a hands on feel for the issue again. 24 25 So that's basically where we're at now in figuring out 26 what those next steps will be.

28 So other than that I think that --29 that's all I have. If anybody has any question. 30

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ACTING CHAIR SKINNER: All right.
Thanks, Della. All right. All right. Sorry. I was
looking for a clock to make sure we have a little bit
of a break at some point.

36 Okay. That concludes the agenda item 37 for reports. The next agenda item is service awards. 38 These are five year service awards for Coral Chernoff 39 and Rebecca Skinner. And I will hand this over to 40 Lisa. 41

42 MS. HUTCHINSON-SCARBROUGH: Hello 43 again, Council members and Madame Chair. So every so many years we -- for every five years of service that 44 you provide we -- OSM and the Council would like to 45 46 provide just a little bit of a recognition for your 47 service. And we are honoring Coral and Rebecca because 48 they -- this is actually their eighth year, but we 49 didn't -- we failed to provide them their certificates 50

0029 1 at their five year. I think part of it was due to covid and not meeting in person. I don't know, but 2 3 anyway we're making up for that today. 4 5 And then anyway I have -- we are 6 honored to have Mr. Chen here today and he has agreed 7 to present your certificates. So I will turn it over 8 to you. 9 10 Thank you. 11 12 MR. CHEN: Thank you, Madame Chair and 13 Council members. I'm going to take off my hat as BIA 14 Subsistence Branch Chief and put on my other hat of BIA 15 Acting Subsistence Board member to present these service recognition awards to the Council members on 16 17 behalf of the Federal Board. And I would like to 18 reiterate Lisa's apologies -- sincere apologies for the 19 delay in giving these awards to our Council members 20 that were several years delayed. 21 22 The first award is for Ms. Coral 23 Chernoff. Coral has -- is a Sugpiaq that has spent her 24 life on Kodiak Island and was taught how to hunt and 25 fish and gather from her father, part of a multi 26 generational tradition that she has maintained her 27 whole life. And she has passed this tradition of 28 (indiscernible) on to her three boys who now serve in 29 the commercial fisheries here in the Kodiak area. 30 31 Coral's continued to remain very active 32 as a subsistence harvester and 100 percent of her 33 consumption of protein comes from wild resources. In 34 addition she utilizes over 50 local plants, animal and 35 marine resources for food, medicine, skin, body care, traditional handcrafts and arts. Her life long passion 36 37 focuses on teaching others these practices. And her 25 38 year art career has focused on Alutiig traditional 39 materials and arts. 40 41 In addition to serving on the RAC she's 42 very involved in State and Federal management of 43 resources. And Coral serves as the Chair of the Alaska 44 Migratory bird Comanagement Council. She's also a member of the Kodiak Fish and Game Advisory Committee. 45 46 She also serves and continues to serve on countless 47 working groups and commissions over the year including 48 the Emperor Goose Management Subcommittee and the 49 Alutiiq Artist Advisory Committee through the Alutiiq 50

0030 1 Museum. 2 3 Chernoff has served on Ms. the 4 Kodiak/Aleutians Regional Council since 2014. And 5 she's an active participant on this Council as we all contributes much 6 know and to your Council's 7 discussions. She comes to our meetings prepared, works well to compromise with other Council members and best 8 addresses the needs and concerns of subsistence users 9 the 10 and provide them opportunities throughout 11 Kodiak/Aleutians region. 12 13 So, Coral, the Council, Office of 14 Subsistence Management and the Federal program would 15 like to thank you very much for the rich knowledge that you bring to the Kodiak/Aleutians Subsistence Regional 16 17 Advisory Council through your life experience and your 18 passion for the community and natural resources. We 19 acknowledge your outstanding and dedicated eight years 20 of service to the RAC and today we are presenting you 21 with your long delayed, long delayed, let me emphasize 22 that, five year service award. And we hope that you 23 will continue to serve for many more years. 24 25 Thank you. 26 27 (Applause) 28 29 MR. CHEN: And I have a plaque for Ms. 30 Chernoff. 31 32 (Laughter) 33 34 MR. CHEN: Thank you. The next Council 35 member I'd like to recognize is Ms. Rebecca Skinner. 36 Rebecca is an Alaskan Native and member of the Sugpiaq 37 Tribe. She was born and spent her whole life on Kodiak Island and was taught to hunt and fish and gather from 38 39 her father, a tradition that she's maintained her entire life. Rebecca is a valuable and contributing 40 41 member to the RAC and to her community. 42 43 In addition to serving on the RAC she 44 currently serves as the Vice President of United Fishermen of Alaska, holds a concerned citizen seat for 45 46 the Kodiak ADF&G Advisory Committee, is an active participant in the North Pacific Fisheries Management 47 Council meetings and the Halibut -- Pacific Halibut 48 49 Commission Conference Board as well as the local AC and 50

0031 1 the Board of Fish meetings. She has been also active in countless other working groups and commissions over 2 the years including the Rural Round Table Committee 3 4 formed to preserve Kodiak's rural designation in the 5 Federal Subsistence Program. 6 7 Ms. Skinner has served on the 8 Kodiak/Aleutians RAC since 2014 and earlier this year 9 she attended the Federal Subsistence Board meeting 10 during which we reviewed and enacted fisheries regulatory proposals for the Federal program, she did a 11 12 great job at representing your Council on 14 fisheries 13 closure reviews and four fisheries proposals. And 14 prior to, during and after the Federal Subsistence 15 Board meeting and all RAC meetings Rebecca performs diligent research, asks thoughtful and challenging 16 17 questions to other RAC members and Staff, not that it's 18 very challenging, and is a strong voice to and supports 19 subsistence users on Kodiak Island as well as 20 throughout the Kodiak/Aleutians region. 21 22 So, Ms. Skinner, the Council, OSM and 23 the Federal Subsistence Board program -- Board and 24 program, would like to acknowledge your outstanding and 25 dedicated eight years of service to the 26 Kodiak/Aleutians RAC and today we are presenting you 27 with a long delayed five year service award. We thank you and we hope that you will continue to serve for 28 29 many years. 30 31 (Applause) 32 33 MS. CHERNOFF: And if I may I'd like to 34 make a comment. So Rebecca's my sister, we have the 35 same father, and I would just like -- or we've had different fathers, but I'd just like to say that 36 37 Rebecca is kind of known for -- from my family, from 38 the words of my father, she has made the best pickled 39 herring he ever had and she's made the worst pickled 40 herring that he ever had. 41 42 (Laughter) 43 44 ACTING CHAIR SKINNER: Yeah, thank you. 45 Thank you for that. 46 47 MR. CHEN: Madame Chair. There is a 48 couple more awards to present. 49 50

0032 1 ACTING CHAIR SKINNER: Do you want to wait until after the 10:15 tsunami testing -- siren 2 testing because it's 10:13 now so you have about two 3 4 minutes before the siren goes off. 5 6 MR. CHEN: Probably a good idea, Madame 7 Chair. 8 9 (Laughter) 10 11 ACTING CHAIR SKINNER: Okay. We'll go 12 ahead and we'll just take a break until after the 13 sirens go. 14 15 (Off record) 16 17 (On record) 18 19 ACTING CHAIR SKINNER: All right. 20 Well, we're going to go ahead and get started again Thanks for the break while we had our 21 here. 22 community's tsunami siren tested and we will continue 23 on with the service awards. 24 25 Go ahead, Glen. 26 27 MR. CHEN: Thank you, Madame Chair. 28 This next section will be relatively brief. This is a 29 follow-up to some service awards that were presented 30 last fall in Cold Bay and this recognizes two very long 31 serving members of your Council. The first one being 32 Mr. Pat Holmes. And we have a more fancy, larger plaque for you, award, and it includes our work that is 33 34 submitted to the Federal Subsistence Program through an 35 annual contest that adorns the front of the Handy Dandy 36 publication that will be put out. 37 38 So, Mr. Holmes, I'm going to walk up 39 there and give this to you. 40 41 (Applause) 42 43 We also have one for Ms. MR. CHEN: 44 Della Trumble. Della, we'll have to deliver this to you in person the next time we see you. But thank you, 45 46 Della, for your 20 years of service. 47 48 ACTING CHAIR SKINNER: Thank you, Glen. 49 50

0033 1 (Applause) 2 3 MR. CHEN: Madame Chair, that concludes 4 my presentation. 5 6 ACTING CHAIR SKINNER: Great. Thank 7 you. Okay. That concludes agenda item 10, service 8 awards. 9 10 So for planning purposes I figure we'll 11 go to 12:00 or 12:30 and it'll depend on how the 12 Council's feeling and then take a lunch break and we'll 13 probably have a more formal break here between now and 14 when we break for lunch. 15 16 But moving on to agenda item 11, public 17 and tribal comments on nonagenda items. So is there 18 anyone wishing to give public comment and I'll start 19 with is there anyone in the room wishing to give public 20 comment. 21 22 (No comments) 23 24 ACTING CHAIR SKINNER: Okay. Seeing 25 none, is there anybody online wishing to give public 26 comment. 27 28 (No comments) 29 30 ACTING CHAIR SKINNER: Okay. Seeing 31 and hearing none, again this will be available again 32 tomorrow morning as well. 33 34 agenda item 12, old Moving on to 35 Item A is follow-up on North American business. 36 Caribou Workshop and Arctic Ungulate Conference. And 37 this will be Kendra Holman from OSM Wildlife. 38 39 MS. HOLMAN: All right. Good morning, Madame Chair, members of the Council. My name is 40 41 Kendra Holman and I'm a Wildlife Biologist with the 42 Office of Subsistence Management. During your fall, 43 2022 meeting you heard about the caribou and ungulate 44 conference taking place in Anchorage this coming May. All Councils nominated one 45 member to attend the 46 conference and provided input on an Alaska ungulate 47 management symposium. Just for memory member Rick Koso 48 was nominated by this Council to attend with I believe 49 Della was the alternate. So an informational flyer 50

0034 1 regarding this conference can be found in your meeting book on Page 19. 2 3 4 Before I proceed would any Council 5 members like an overview of the conference? 6 7 ACTING CHAIR SKINNER: Yeah, if you 8 wouldn't mind giving a brief overview. 9 10 MS. HOLMAN: Okay. So a joint meeting 11 of the North American Caribou Workshop and Arctic Ungulate Conference will be held in Anchorage on May 12 8th through the 12th, 2023. This meeting will bring 13 14 international group of together an managers, 15 researchers and indigenous and local knowledge holders who want to share their knowledge of caribou, muskox, 16 17 dall sheep, moose and reindeer. The theme for this 18 meeting is crossing boundaries. Arctic ungulates 19 regularly cross landscape boundaries connecting 20 ecological processes between different systems. This 21 necessitates collaboration across geographical 22 boundaries and it also calls for crossing boundaries 23 between western science and local and indigenous 24 knowledge. The conference will including a plenary 25 sessions on comanagement, the status of caribou 26 globally, integration -- integrating western science 27 and indigenous knowledge and the affects of climate 28 change on caribou. Field trips, workshops, research 29 talks, symposiums and a poster session will be part of 30 the conference. The conference web address is included 31 on the flyer in your meeting books and I encourage you 32 to visit the website for more detailed information. 33 34 questions Do you have any other 35 regarding the conference? 36 37 ACTING CHAIR SKINNER: Are there any 38 questions from Council members. 39 40 MADAME CHAIR TRUMBLE: Madame Chair, 41 this is Della. 42 43 ACTING CHAIR SKINNER: Go ahead, Della. 44 45 MADAME CHAIR TRUMBLE: I quess my 46 question is in regard to the travel on attending this. 47 Is that covered by Fish and Wildlife or how is that 48 going to work? 49 50

1 MS. HOLMAN: So through the Chair, this is Kendra Holman again. Rick's travel was -- should 2 have been covered as the primary person. Fish and 3 4 Wildlife Service only covered the one member from each 5 Regional Advisory Council. 6 7 ACTING CHAIR SKINNER: Della, does that 8 answer your question, it sounds like travel is covered 9 for whichever rep ends up going. 10 11 MADAME CHAIR TRUMBLE: Yes, that is 12 So I -- they're covering it for one member correct. 13 from each. And we do have Rick covered and also his 14 room and per diem and the registration fees. 15 16 Thank you. 17 ACTING CHAIR SKINNER: Go ahead. 18 19 20  $\label{eq:MS.HOLMAN: So on Page 20 of your meeting books please find the summary of all of the$ 21 22 potential topics suggested by all 10 Regional Advisory 23 Councils for discussion during the State and Federal 24 Ungulate Management in Alaska Symposium. This session 25 is intended to be a neutral forum for Council members, 26 State Fish and Game Advisory Council members, National 27 Parks System -- Service Subsistence Resource Commission 28 members, Federal and State agency Staff and other 29 interested parties to discuss ungulate management in 30 Alaska specifically regarding harvest regulations. 31 During the fall, 2022 meeting cycle all Councils 32 provided input on potential topics to discuss during 33 this symposium. And several Councils asked for a summary during 34 follow-up these winter meetings. 35 Councils are now being asked to review this list and 36 provide additional feedback for this symposium such as 37 highlighting topics for particular -- of particular 38 interest or providing clarification on topics. OSM 39 Staff will then decide which topics will be discussed during the symposium based on feedback from all 10 40 41 Councils prioritizing topics that are relevant 42 Statewide and applicable to all regions and Councils. 43 44 Madame Chair, I will now turn the 45 discussion over to you and any feedback will be very 46 helpful in finalizing the discussion topics for this 47 symposium. 48 49 ACTING CHAIR SKINNER: All right. 50

1 Thank you. So again we're looking at Page 20 of the main meeting book and the list of potential topics. So 2 what I would suggest from Council members if there's 3 4 any particular of these topics that you think are very important to be included I would suggest that we 5 6 provide feedback on that. I suppose if there's 7 questions on any topics we could try to ask Kendra to 8 clarify. 9 10 Sam, did you have something. Go ahead. 11 12 MR. ROHRER: Yes, through the Chair. 13 Thank you. So is -- who's facilitating this, is it OSM 14 facilitating it or was -- it's not clear on the -- like 15 on the announcement page. Lot -- lots of different agencies supporting it, but who's actually going to be 16 17 leading discussions, that sort of thing? 18 19 Thanks. 20 21 MS. HOLMAN: So there's going to be several different parties that will be leading each of 22 23 the discussions depending on which one it is that you're attending. So there will be a lot of different people in a lot of different agencies providing a lot 24 25 26 of different information. 27 28 MR. ROHRER: But not like officially 29 sponsored by Office of Subsistence Management, I mean, 30 it's just all the groups coming together to do it? 31 32 MS. HOLMAN: That is my understanding, 33 yes. 34 35 MR. ROHRER: Okay. Thanks. 36 37 ACTING CHAIR SKINNER: Go ahead, Pat. 38 39 MR. HOLMES: Madame Chair, I might suggest to you folks that -- Kendra, that you also 40 41 include particularly under predator control because our 42 Council of course is very concerned about caribou on 43 the Peninsula and on Unimak Island. And it's -- you 44 know, used to be a major food source for folks out west. And but there was a fellow with ADF&G and I hope 45 46 ADF&G is listening and presents Lem Butler's study 47 because he did a selective predator control where they 48 went out on the calving grounds, on the State calving 49 grounds because that's only 40 percent of the entire 50

1 herd on the Peninsula and I believe they killed 35 2 wolves in two years and they were only wolves that were 3 attacking the cows that were dropping calves. And they 4 had a tremendous rebound in that herd, in that part of 5 it, even though it was only 40 percent of the calving 6 grounds.

8 And at the same time they inquired about doing it at Unimak Island and I got a direct 9 10 quote from the manager -- that Refuge Manager that at 11 that time that if Fish and Game went to Unimak Island 12 that they all be cited by the Federal government for 13 trespass and that they were not allowed to do it. And 14 I can understand the emotionalism on predator control, 15 but their selective removals were quite different than the concept that was used in the States, '50s, '60s and 16 17 '70s where they just went and killed every critter, but 18 they weren't really seeking that. And it's really 19 unfortunate because the Unimak Herd has yet to show much of any kind of sign of improvement at least the 20 21 information we've been given as compared to the South Peninsula Herd which did show a spike in recovery and 22 23 increase in calves per cow.

And so I really hope that that topic is addressed and that it does come out so that it gets a full and academic review of what predator control is because I think the concept of killing them all is long gone, but there can be some real selective things that can really work to improve the population.

32 And I think also the affects of road 33 development on caribou distribution and movements, 34 that's another topic on the Peninsula with the highly 35 political thing is a road to King Cove. And I read through the entire impact statement and statements from 36 37 friends of the -- whatever, and I believe that that was 38 disproportionately defined in the impact statement that 39 it would have negative impact on birds, waterfowl, caribou, et cetera, by doing that road. But there's 40 41 actually less roads there than there were during the 42 World War II and that herd developed tremendously. I 43 can recall in the early '70s going out to Cold Bay where there were caribou and they had to close the 44 airport, they wouldn't let the planes land, they went 45 46 out and chased the caribou off of the roads, off of the 47 runway. And of course that population declined for 48 many reasons, habitat loss, predation on calves, et 49 cetera, but the affects of roads really need to be 50

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0038 1 looked at in a strict academic way rather than an emotional way that was 2 presented in the impact 3 statement for that. 4 And it's just some personal feelings, 5 6 but having been a biologist and spent years and years 7 and years on the Peninsula, those are things that 8 really need to be examined and discussed fully in a 9 positive way. So I hope that they can. 10 11 I'm just really tickled that this 12 meeting is going to take place because these topics you 13 have are wonderful and they are ones that, you know, 14 really need to be reflected on in a big way for long 15 term management of the critters. And I really applaud 16 the folks that decided to do this, it's wonderful. 17 18 Thank you. 19 20 ACTING CHAIR SKINNER: Thanks, Pat. 21 While people are thinking if they have additional comments I'll just note a few that I think are very 22 23 important particularly at the level that the symposium 24 So number 1 would be the importance of is happening. 25 surveys and so I have noted two here that have to do 26 with surveys, number 4 and number 15. Number 4 is how 27 biological data is collected and number 15 is the importance of funding wildlife surveys and receiving 28 29 timely reports. If there are alternative ways or more 30 economical ways of collecting the biological data or 31 doing the population surveys I think that's worthy of a 32 lot of discussion because that information is very 33 important. It would be hard to do a lot of the things 34 on this list without good survey and biological data. 35 36 The next set has to do with impacts of 37 climate change so number 8 and number 21. They both 38 relate to how climate changes is impacting ungulates 39 and I -- they seem to -- they focus on different things, one is on migratory routes, the other is on 40 41 disease and overgrazing. Either way I do think climate 42 change is something -- the impacts of it on ungulates 43 needs to be better understood. And again if we don't 44 understand how changing climate is impacting these populations it's going to be hard to effectively do 45 а 46 lot of stuff on this list. 47 48 And then from listening to the most 49 recent Alaska Board of Game meeting I think number 3 50

1 kind of jumped out at me, regulations that conflict with each other. I think anytime we can avoid or work 2 out conflicts between regulations or conflicts between 3 4 user groups, that is a good thing. 5 6 finally number And then 20, food 7 security. I think all of this needs to be looked at including through the lens of food security for the 8 9 subsistence user populations. 10 11 And are there any additional other 12 comments or questions from Council members on either 13 the list of potential topics or on this issue in 14 general. 15 16 MADAME CHAIR TRUMBLE: Madame Chair, 17 this is Della. 18 19 ACTING CHAIR SKINNER: Go ahead, Della, 20 and then we'll go to Chris. 21 22 MADAME CHAIR TRUMBLE: I guess first of 23 all going through the list as Pat said predator control 24 I think is an important one, it's an issue that we have 25 dealt with numerous times in regard to the wolves. And 26 the identification, number 7, viability and utilization 27 of resident herds I think is also important to look at. 28 One of the things I think we find a lot in our region 29 is when Pavlof Volcano acts up caribou don't usually 30 stay close to that area, they're -- they go more north 31 sometimes I think when she's acting up. 32 33 So one of the things that I think is 34 huge that I deal with all the time out here is number 35 14, wanton waste of meat. On many occasions we have 36 the sport hunters that come in or into Cold Bay with 37 their guides and once they harvest a caribou they'll --38 they don't necess -- some of them, I'm going to say 39 some of them, they do not process it in a way -- in a 40 manner that allows for people to utilize it. Sometimes 41 this meat is sour, it's not taken -- they bring it over 42 to King Cove and you can't take it. I have one guide 43 that is extremely clear about how the meat is 44 processed, it's cleaned, it's bagged, he flies it in here, he gives me a call and says, Della, I'm dropping 45 46 off a couple caribou my guides got or my hunters got, 47 I'm bringing in a moose and I pick it up at the airport 48 and I -- we cut it and distribute it to elders or 49 people in the community. But there's some that don't 50

1 do that and you can't not touch the meat after because it's ruined. Birds, the big example when you get boxes 2 and boxes of birds that haven't been gutted and they're 3 4 not -- you can't eat them, they're sour, they're rotten. And that's a big wish issue. If you're going 5 out to do a hunt and you're not utilizing the -- what 6 7 you're harvesting it -- there's people in these communities, outlying communities, that will utilize 8 9 them if they're treated properly and are edible after 10 the fact. 11 12 The surveys, you hit on that. And I 13 think that's very important and I understand that's 14 always been a challenge in our region and that's due to 15 the weather -- mainly weather and sometimes staffing. 16 17 Food security is important. I think 18 the other thing with all of this is to look at if 19 there's anyway that -- I mean, if I can attend this and 20 if I have to figure out a way I can attend myself and 21 cover the cost I do think I will. And the other person I think that would benefit a lot from this is Sam. 22 So 23 I don't know if there's a way I can -- you know, and utilizing the fact that I didn't use my ticket to go to 24 25 Kodiak can I -- that be used, is there someway around 26 But I think this is an important symposium that it. 27 affects both of our regions strongly. 28 29 Thank you. 30 31 ACTING CHAIR SKINNER: Thanks, Della. 32 Sorry, my mind went blank. 33 34 Pat. 35 36 MR. HOLMES: Madame Chair. Yeah, to 37 follow-up on Della's discussion there on surveys and weather. We have had -- our Council has been given 38 39 assurances by previous -- basically the Director of Fish and Wildlife Service for Alaska and then one of 40 41 his Deputies that the surveys for the Alaska Peninsula 42 would be their number 1 priority. And yet we witnessed 43 through the years that when the planes had their I forget what hour inspection, 44 300 inspection or something, if that came up during the survey time 45 46 instead of having it done before the season it didn't 47 happen and so then the survey didn't take place. Or 48 there were numerous things where the hierarchy said 49 that it would be a priority, but yet it didn't happen 50

1 out at the Refuge. And they had problems or instead of 2 bringing in a pilot from another area they would say 3 oh, gee, we -- our pilot can't fly because he hasn't 4 done his hundred hour whatever his physical exam. And 5 so that for at least the Alaska Peninsula and I would 6 assume other areas.

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8 I know other agencies you do have problems that come up occasionally, but you need to 9 10 really work on being able to get the surveys done, have 11 an arrangement with the Coast Guard for available 12 because now they have -- they have helicopters based at 13 Cold Bay in the summer, work out with the Flight 14 Service Officer here at Kodiak that schedules those 15 things to set it up so they can use that as part of their training program is to assist the Fish and 16 17 Wildlife Service on their surveys if it ends up that 18 they can't get their own machines going. And I know 19 you guys try your best, but sometimes -- just to have 20 this continuous thing over the last 20 years where, you 21 know, more than half the time things don't take place. And it's not the individual's thing, but it's the whole 22 23 organizational structure is that the Refuge Managers 24 and their people need to be assured that they can do 25 their jobs and sometimes it doesn't happen. 26

And so I hope that that topic does get 27 28 discussed, it's no -- no offence because I understand bureaucracies, but it's probably getting the surveys 29 30 done out there is how you know what's happening just by 31 what discussions you have unless you know how many 32 critters and the cow to calf ratios and things. So 33 anyway I hope that that does get discussed and that you 34 folks get more support. 35

Thank you.

38 ACTING CHAIR SKINNER: Thanks, Pat. 39 Sam, go ahead. 40

41 MR. ROHRER: Through the Chair, thank 42 you. And, Della, appreciate your comment there. I --43 unfortunately the dates of this are right during our 44 spring bear season so I can't make it. But, man, as I look at the groups that are putting this on, that are 45 46 going to be involved, some pretty varied backgrounds 47 those groups come from. I think it's going to be some 48 pretty interesting conversations. I would -- I would 49 love to be able to be there for it, to participate, but 50

0042 1 I agree with many of the ones I marked are ones that Della, Pat and Rebecca, that you guys already marked. 2 But the collection of biological data, the predator 3 4 control issue for sure, I mean, we've -- as Pat said we've watched that firsthand here down on the Southern 5 Alaska Peninsula Herd. And then number 23, sport 6 7 hunter disturbances to caribou and law enforcement as well would be an interesting one to see discussed. So 8 9 wish I could be there to participate, but certainly 10 some great topics and some really different backgrounds 11 of groups that are putting this on so it'll be really 12 interesting to hear what comes out of it. 13 14 Thank you. 15 16 ACTING CHAIR SKINNER: Thanks. Chris. 17 18 MR. PRICE: And my question was it 19 sounded like we have funding for one person to go from 20 the RAC and I -- are we going to need to make a decision about that, who we're going to send? 21 22 23 ACTING CHAIR SKINNER: We already did. 24 We did that at our..... 25 26 MR. PRICE: Oh. 27 28 ACTING CHAIR SKINNER: ....last 29 meeting we chose Rick and..... 30 31 MR. PRICE: So Rick is the.... 32 33 ACTING CHAIR SKINNER: ....then Della 34 is the alternate. 35 36 MR. PRICE: Okay. Thank you. 37 38 MS. HUTCHINSON-SCARBROUGH: Yeah, 39 Madame Chair, may I have the floor. 40 41 ACTING CHAIR SKINNER: Go ahead. 42 43 MS. HUTCHINSON-SCARBROUGH: Yeah, we 44 can find out if we can get some additional funding to send Della. I don't know the answer to that right now, 45 46 but that would -- it's a possibility. 47 48 Thank you. 49 50

0043 1 ACTING CHAIR SKINNER: Yeah, and..... 2 3 MR. KOSO: Madame Chair. 4 5 ACTING CHAIR SKINNER: Go ahead, Rick. 6 7 MR. KOSO: Yeah, I just got on here a 8 few minutes ago, but Della seems like she has a lot 9 more info and a lot more things that she wants to do at 10 that conference there. So if she would like to go I'd 11 sure be happy to give it up and I could still go ahead 12 and attend, but, you know, I'm -- you don't have to get 13 me no ticket or anything and if you want to go ahead 14 and put her in my place she can go ahead and attend and 15 I'll just go attend myself down there so it wouldn't 16 cost anything and it wouldn't cost anything for Della 17 that way and you can save for other stuff. 18 19 ACTING CHAIR SKINNER: Yeah, thanks, 20 Rick. I think that that's fine, the Council already approved either of you to go so you can fight it out 21 22 amongst yourselves as to who's going to go. And I 23 guess I assume that someone will be following up with 24 both of them as far as -- Lisa will be following up. 25 26 Did you want to say anything on that. 27 28 MS. HUTCHINSON-SCARBROUGH: No, I have 29 a follow-up. Appreciate..... 30 31 MR. KOSO: Yeah, what I was saying that 32 -- I was saying that I could still attend, I will 33 attend, but it would be nice if Della wants to come out 34 because you don't have to buy a ticket for me or 35 anything and if you could use the ticket that you would 36 have to buy for me could buy for Della that would be a 37 wonderful thing. 38 39 MS. HUTCHINSON-SCARBROUGH: Okay. 40 Yeah, I'll just follow-up with you on that. I think that's a possibility because yeah, we weren't -- we 41 42 weren't paying for your ticket to begin with so we'll 43 how we can work that out, maybe at least -- there is a registration fee too so it'll -- anyway I'll get back 44 45 with you on that, I'll talk to the -- our budget 46 people. 47 48 Thanks. 49 50

1 ACTING CHAIR SKINNER: Yeah, the last thing I'd note is that in the intro description 2 3 paragraph on Page 20 it says that this session is 4 intended for RAC members and State Fish and Game 5 Advisory Committee members. And I don't remember this symposium being discussed at the Kodiak AC at all. So 6 7 I just was -- I just emailed the Coordinator, Teran, to see if she had distributed notice that I missed or to 8 9 make sure that she can distribute notices so that at 10 least for the Kodiak AC people know that it's available 11 and they can attend. 12 13 Go ahead. 14 15 MS. GREDIAGIN: Yeah, Lisa Grediagin for the record. I just wanted to clarify that this 16 17 symposium is really intended to be open for anyone at 18 the conference that would like to participate. And 19 initially in -- when we were planning this we wanted to 20 engage the State and the ACs more, but we kind of had a 21 lukewarm response from the State initially and so 22 honestly in the conference program which should be live 23 in about a week or two online so you can see all the 24 different talks and symposiums available, we just kind 25 of modified it to say any interested party. So I'm not 26 sure how much involvement they'll be specifically from 27 ACs, but yeah, I don't think Fish and Game has like 28 directly engaged the ACs in this process like we did the Council. So yeah, I -- you know, if you're able 29 30 and willing to bring it up at AC meetings that would be 31 great, but I don't think the State was able to sponsor 32 attendance from the ACs like we did for the Councils. 33 So just to clarify that. 34 35 ACTING CHAIR SKINNER: Yeah, thanks. 36 So it sounds like and I'm going to go back to a 37 question that Sam asked earlier. This symposium is 38 basically one session during this entire ungulate 39 conference and Sam had asked who was facilitating this. 40 And the answer was well, there's different people 41 facilitating different things, but is there a specific 42 facilitator chosen for this particular symposium?

44 MS. GREDIAGIN: Yeah. So just to 45 clarify Sam's question. The entire conference is yeah, 46 multi agency, organizations, there's no really set 47 organizer for that. And so this symposium is just one 48 session within this, you know, three day, week long 49 And this particular symposium is being conference. 50

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0045 1 organized by OSM. 2 3 ACTING CHAIR SKINNER: So is OSM 4 facilitating the discussion, I think that was Sam's 5 question. 6 7 MS. GREDIAGIN: Yes. Yeah. 8 9 ACTING CHAIR SKINNER: Okav. Thank 10 you. All right. Is there any further question or 11 comments on this and then do you have all the 12 information you hoped to get out of us. 13 14 MS. HOLMAN: So, Madame Chair, this is 15 Kendra for the record again. So just -- I'm going to go over the ones that I have marked, if I miss 16 17 something please let me know. I just want to make sure I took notes of everything. So I have number 1, number 18 19 3, number 4, several people specifically mentioned 20 number 6, I have number 7, 8, 12, 14, 15, 20, 21 and If I missed another one that somebody else had 21 23. 22 wanted to point out please let me know so that I can 23 make sure that that one..... 24 25 MR. ROHRER: I would just add 24, it 26 has to do with the -- all the -- just the collection of 27 data, just one more method. 28 29 Thanks. 30 31 MS. HOLMAN: Thank you. I notated 32 number 24 as well. 33 34 ACTING CHAIR SKINNER: All right. 35 Thank you. All right. The next item on the agenda is 12b update on Federal Subsistence Board actions. 36 And 37 this will be Jason Roberts, OSM Anthropology Division 38 and Jarred Stone, OSM Fisheries. 39 40 MR. ROBERTS: All right. Good morning, Madame Chair, members of the Council. Let's see. So 41 42 I'll be providing -- actually during the course of this 43 meeting I'll be providing an update on three fishery specific topics along with Jarred Stone is on the line 44 45 from the Fisheries Division at OSM for any questions 46 that may be out of my area of specialty. And so right now I'm going to provide an update on the Federal 47 48 Subsistence Board actions and this will also kind of 49 count to -- we've got a notation on the agenda for 50

1 Fisheries Regulatory Cycle update under 131. These are basically the same thing, kind of knocking that out 2 right now. And then later I'll give a brief update 3 4 about Partners for Fisheries Monitoring Program and the Fisheries Resource Monitoring Program. 5 And so these all brief updates and none are action items. 6 And 7 please let me know if you have any questions and like I 8 said Jarred's also on the phone. 9 10 So looking at the first update. The 11 Federal Subsistence Board took action on all and closure 12 Kodiak/Aleutians fisheries proposals reviews at their recent January fisheries regulatory 13 14 meeting. And we expect that the new regulations 15 arising from that meeting will be published in the Federal Register in late spring or early summer. 16 А 17 summary of those Board actions on fisheries proposals 18 and closure reviews that your Council provided input on 19 is available starting on Page 21 of your meeting book. 20 And so I'll just give a little brief summary of those 21 actions. 22 23 The Board rescinded closures to salmon 24 fishing in the Federal freshwaters of Adak and Kagalaska Islands, Russell Creek and Trout Creek near 25 26 Cold Bay, Afognak Bay, the freshwater systems of 27 Afognak Island, Little Kitoi Creek and Selief Bay Creek 28 near Kodiak. The Board also adopted rod and reel 29 fisheries for salmon in Women's Bay and the Buskin 30 marine waters thereby rescinding the closures that 31 previously existed in these areas. And so those are 32 the two proposals that Ms. Skinner put in last round. 33 34 The Board retained four salmon closures 35 at McLees Lake drainage, Unalaska drainage, Summers and 36 Morris Lake drainages and the freshwaters flowing into 37 Unalaska Bay. So those were the closures specific to I 38 believe Unalaska, all four of those closures. 39 40 The closure to king crab harvest that 41 we reviewed by non-Federally-qualified users in 42 Federally marine waters around Kodiak and Afognak 43 Islands, they were retained as well. 44 45 The Board opposed proposals to add the Kodiak Coast Guard base residents to the customary and 46 47 traditional use determination for salmon in the Kodiak 48 area through the consensus agenda. The Board also 49 opposed the proposal to change the description of the 50

0047 area through the consensus 1 Kodiak Island fishing And this was an issue with sort of the 2 agenda. proposed new regulations for that one, new description 3 4 also not being accurate. So I think Justin Koller has done some work on that one and that might be something 5 to discuss moving forward. 6 7 8 And then we'll begin our next fisheries cycle during your winter, 2024 meeting. 9 At that 10 meeting OSM will provide your Council with draft 11 closure reviews just as we did last time if there are 12 any reviews necessary for your region which I believe 13 there will be. And then -- so that concludes this sort 14 of regulatory cycle update. And so as I said remaining 15 fisheries closures will be reviewed in the fall, 2024 16 for the 2025 fisheries cycle. 17 18 And if you have any questions or Jarred 19 can take them as well. 20 21 ACTING CHAIR SKINNER: All right. 22 Thank you. I have a couple of comments, but I'll let 23 Pat go first. 24 25 Go ahead, Pat. 26 27 MR. HOLMES: Oh, excuse me. I was wondering -- forgive my foggy geezer brain, rescinding 28 29 a closure means that the closed waters that are in 30 effect are no longer in effect? 31 32 MR. ROBERTS: Through the Chair, yes. 33 So rescinding a closure opens that closure so it's no 34 longer closed. 35 36 MR. HOLMES: The reason I was wondering 37 is on Selief Bay I believe that information was presented and that the jurisdiction -- Federal 38 39 jurisdiction in Raspberry Straits only goes to the middle of the channel and Selief is on the Raspberry 40 41 Island side on I guess State jurisdiction. And so I 42 was just wondering, I kind of missed that part of the 43 discussion. 44 45 MR. ROBERTS: Through the Chair. Yes, 46 I believe that action only pertained to Federal waters 47 in that area. 48 49 MR. HOLMES: Okay. Yeah. So actually 50

0048 1 Selief Creek itself..... 2 3 MR. ROBERTS: Uh-huh. Uh-huh. 4 5 MR. HOLMES: .....will stay the way 6 it's always been? 7 8 MR. ROBERTS: Uh-huh. 9 10 MR. HOLMES: Okay. Thank you. I 11 needed that clarification in my foggy brain. 12 13 Thank you. 14 15 MR. STONE: Madame Chair, this is 16 Jarred Stone. 17 18 ACTING CHAIR SKINNER: Yes, go ahead, 19 Jarred. 20 21 MR. STONE: Through the Chair, thank 22 you. To answer Mr. Holmes'..... 23 24 (Teleconference interference 25 participants not muted). 26 27 STONE: MR. ....questions those (indiscernible - distortion) at the Selief Bay Creek 28 29 was not in Federal jurisdiction. And the State was 30 consistent with this as well. And so we chose to 31 rescind or we recommended to the Board to rescind that 32 closure. And it's slightly different than the other rescinded -- the other closures that we rescinded in 33 34 that we were asking for that language to be removed 35 from the codified Federal regulations. So even though 36 that has been rescinded we recognized that those are 37 not Federal waters and that was found to be erroneous. 38 And so we have -- are in the process of removing that 39 from regulation. 40 41 Thank you. 42 43 MR. HOLMES: Thank you very much. 44 45 ACTING CHAIR SKINNER: Thanks, Jarred. 46 And then I wanted to make the comment that for the 47 closures that have been rescinded, but also closures 48 particularly in Unalaska that have remained in place, 49 there is still need for -- there's homework between now 50

and the next fisheries cycle for this Council or for 1 members of the public to figure out and recommend what 2 3 kind of regulations should be in place. So for example 4 John Gerken who's the in-season Manager for the Izembek he had 5 -- for the fisheries run in the Izembek area, already reached out to Della and I looking for a 6 7 clarification on in-season management measures that he should think about taking for those Izembek streams 8 where the closures were rescinded. Because for those 9 10 areas for example a gill net might be allowed, but it 11 may not be a good idea to allow gill net as a gear 12 type. So one of the in-season steps he can take is to 13 limit the gear to rod and reel. 14

15 So again for any area either where we 16 actually rescinded a closure or for ones that are 17 coming up for review like in Unalaska where rescinding 18 a closure might be on the table in the future, there is 19 still opportunity and necessity to think about what 20 regulations do you want in place to make sure that there's access for subsistence users, but also that 21 22 you're protecting the resource. And you don't want to 23 wait until this -- too late because once the cycle gets 24 going it goes fast. And so that's why I'm suggesting 25 that if people are interested in that that the 26 homework between now and then, to start talking to 27 people or continue talking to people and figuring out 28 what you want those long term regulations to look like. 29

30 All right. Are there any other 31 questions or comments on this. 32 Pat, go ahead.

34 MR. HOLMES: Yeah, I think that's а 35 good point to check on that, Becky, because I think some of those issues for the Cold Bay area are 36 37 proposals to the Board of Fish and some of -- I don't 38 know, I haven't really read the -- what the outcomes 39 were from that meeting, but there were some discussions 40 where I believe the Assistant Area Biologist out there 41 because they didn't have gill nets for some of the --42 because of the conflicts with commercial gear, I think 43 there was a proposal in there to set up a system where 44 it would be workable for local subsistence users, but I don't know exactlywhat that is. So we'll have to do --45 46 kind of review all the way across the board before we 47 have further discussions on it. So it's a good point 48 to be checking that out. 49

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0050 1 Thank you. 2 3 ACTING CHAIR SKINNER: Thanks, Pat. 4 Are there any other comments or questions. 5 6 MADAME CHAIR TRUMBLE: Madame Chair, 7 this is Della. 8 9 ACTING CHAIR SKINNER: Go ahead, Della. 10 11 MADAME CHAIR TRUMBLE: This is Della. 12 I think -- my thoughts -- I know -- as Rebecca has said we've both been approached, I think I was approached at 13 14 the Board of Fish in regard to this from the gentleman 15 and trying to figure out how this is going to work. And I have yet to be able to get ahold of a couple of 16 17 residents in Cold Bay and what their thoughts on how --18 I definitely don't see the use of gill nets being an 19 option and then how this actually works around the 20 other user groups in Cold Bay is something that I need 21 to work with the community on. So the next hopefully 22 couple weeks I'll get some more information. 23 24 ACTING CHAIR SKINNER: All right. 25 Thanks, Della. And then, Jason, I know you have 26 attempted to also incorporate the regulatory cycle 27 update which on our updated agenda is 130. Fair 28 warning, I think I will have you come back up when we 29 get to that just to repeat -- to remind people when 30 that cycle's goingto start again so that it's-- it's --31 we're hearing multiple times the cycle and what we 32 need to think about to be prepared to have -- to put 33 proposals forward into the regulatory process. So I 34 know you've addressed that now, but I'm going to invite 35 you up to address it again when we get to that agenda 36 item. 37 38 Thanks. All right. Seeing no 39 additional comments, that concludes item 12b. 40 41 Moving on to 12c which is Council 42 correspondence update. And I'll hand this over to 43 Lisa. 44 45 MS. HUTCHINSON-SCARBROUGH: Yes, Madame 46 Chair, and members of the Council. Just to remind you 47 that at our last meeting we -- you wanted us to -- you 48 wanted to support two of the Board of Fish proposals 49 which was Board of Fish proposal 98, there are actually 50

1 three of them, and 103 which was taken up by the Board of Fisheries at their Alaska Peninsula, Chignik and 2 3 Aleutian meeting recently in -- I think it was in January or February. 4 And also there will be a 5 Statewide proposal, Statewide meeting is coming up, which was proposal 169. So on Page 24 of your meeting 6 7 book is just a letter that we wrote and submitted for 8 your Council. 9 10 And I also -- just to move forward, 11 just to kind of -- I was wondering if -- Tyler Lawson with ADF&G, I asked him if he would mind giving a 12 13 little overview of that Board of Fish meeting. 14 15 And so thank you. 16 17 ACTING CHAIR SKINNER: All right. And 18 I'm sorry, is this listed in a different place on our 19 agenda? 20 21 MS. HUTCHINSON-SCARBROUGH: Yes. I'm sorry, it's right here. 22 23 24 ACTING CHAIR SKINNER: Okay. So we're 25 just moving straight into item 12d. Okay. Before we 26 move to that were there any questions or comments on 27 the Council correspondence. So that was a letter that 28 we approved and was sent in to the Board of Fish. 29 30 (No comments) 31 32 ACTING CHAIR SKINNER: Okay. I'm not 33 seeing any questions or comments. We'll go ahead and 34 move on to item 12d which is summary of findings, 35 Alaska Board of Fisheries. This is the February Alaska 36 Peninsula, Chignik, Aleutians finfish meeting. 37 38 Tyler Lawson with Alaska Department of 39 Fish and Game, go ahead. 40 41 MR. LAWSON: Good morning, Madame Chair 42 and members of the Council. For the record Tyler 43 Lawson, Department of Fish and Game. As Lisa was 44 saying I was asked to give kind of an update on some of 45 the deliberations from the recent Board of Fish 46 meetings and I'll focus on the proposals that the 47 Council would be most interested in. 48 49 The first couple I'll talk about are 50

1 from the February Alaska Peninsula, Chignik and Aleutian Island Board of Fish meeting. Proposal 98 I 2 brought up last fall at the RAC meeting and proposal 98 3 4 was submitted by the Department of Fish and Game 5 relating to subsistence fishing in the Alaska Peninsula 6 region. And this is that proposal which served to 7 modify the link between commercial fishing and subsistence fishing whereas previously there was a 8 regulation for particular areas which would be closed 9 10 to fishing for subsistence during commercial openers 11 and it was fairly complex and at times confusing. 12 13 And to try to make a long story short 14 the Board of Fisheries deliberated on that proposal and 15 they supported it unanimously. And as a result for 16 those particular closed areas they are now open to 17 households which are strictly subsistence fisher --18 fisherman users. And for households where you have a 19 CFEC permit holder or a commercial crew member, those 20 households don't have that access to those closed 21 waters. They have all the same access to subsistence 22 that they had before, but it's just for those strict 23 subsistence households, they don't have to worry about 24 what's going on in the commercial fishery for those 25 openers to determine whether they can or cannot fish 26 those areas and really impacts Kinzarof Lagoon and Pin 27 Point and Swan Creek in Cold Bay are the areas which are going to kind of benefit those users in Cold Bay 28 29 and King Cove that fish there. 30 31 Proposal 103 was submitted by an 32 individual, that was actually more related to sport 33 fishing regulations, and that proposal seeked to reduce 34 the bag limit for salmon in the region from five fish 35 -- five fish per day to two fish per day. That 36 proposal failed one to six. 37 38 And another proposal I'll mention, this 39 was actually deliberated at the Statewide Board of Fish meeting a few weeks ago, it is proposal 165. That was 40 41 amended in RC70 and this related to the transportation 42 of subsistence fishermen. And I mention this one 43 because at the last RAC meeting I discussed that we --44 the Department had worked with members in Unalaska to 45 kind of clarify allowing them to hire a charter boat to 46 get to McLees Lake and other areas which are difficult 47 to access in smaller boats. And at that time we had said that it is allowable for them to hire a charter 48 49 for that purpose and that if the charter captain 50

0053 1 happened to be a subsistence fisherman they would also be allowed to fish. 2 3 However with proposal 165 as amended 4 recently that modifies it a little bit. The Board was 5 that they do still allow for the very clear 6 transportation of subsistence fishermen at any rate 7 agreed upon between the parties, but they did clarify that it is strictly prohibited for that charter or 8 9 guide in this case to in any way direct or assist in 10 the fishery. So for example for Unalaska if that 11 charter boat captain was to go out and drop people off at McLees to go fishing, totally allowed to do that, 12 they can charge whatever they discuss and agree upon. 13 14 However that captain in this case, they're not allowed 15 to help deploy the net, harvest the fish or tell them where or how to fish, but they are still totally 16 17 allowed to transport them to get them out there. 18 19 those I think are the three So 20 proposals of most interest to you and I can answer questions about those or if you have any other 21 22 questions about the proposals from those recent Board 23 of Fish meetings. 24 25 ACTING CHAIR SKINNER: Yeah, do you 26 have an update on 169 which was the invasive -- which I 27 realize was a different meeting, but.... 28 29 MR. LAWSON: Yeah, Madame Chair. So 30 that was actually more of a Sport Fish proposal, I 31 think that was for the invasive species and I wasn't as 32 heavily involved in that one. I'm not sure if Kelly Krueger or maybe Mark Witteveen are on the line and 33 34 they can maybe jump in and kind of fill you on what the 35 Board did in regards to that proposal. 36 37 MS. KRUEGER: Hi, Rebecca, this is 38 Kelly Krueger. I can comment on that one. 39 40 ACTING CHAIR SKINNER: Great. Thanks, 41 Kelly. Go ahead. 42 43 MS. KRUEGER: So the invasive species 44 proposal 169 was discussed at the Board of Fish meeting 45 and there's two classes of invasive species that the 46 proposal discussed, class A banned species are species 47 that you cannot possess in any life form and class B 48 invasive species are species that you can possess as 49 long as they are dead. So how this relates to Buskin 50

1 is that you can -- you can possess dead signal crayfish at Buskin now, you just cannot transport them out of 2 the watershed live. So you can snorkel and collect 3 4 them now, you just have to either boil them onsite or 5 somehow kill them before removing them out of the 6 watershed. 7 8 ACTING CHAIR SKINNER: Great. Thank Are there any questions or comments on this 9 vou. 10 update about Board of Fish actions. 11 12 MR. KOSO: Madame Chair. 13 14 ACTING CHAIR SKINNER: Yeah, go ahead, 15 Rick. 16 17 MR. KOSO: Yeah, I got a question on that 103 proposal. I see where the -- you know, the --18 19 it failed in the Board, I was at -- I listened on the Board of Fish meeting during that period of time and I 20 21 was just curious, it said that the Council supported 22 reduction in the sockeye and coho, you know, reading in 23 the proposal here, but then they voted it down. So I 24 guess I'm a little confused on that. I know they voted 25 it down when I sat there, but I just -- looking at the 26 read this year, it's a little bit confusing to me 27 because Mortensen's Lagoon and, you know, Swan Creek is 28 -- you know, they claim, you know, they're in jeopardy 29 for, you know, conservation of salmon. 30 31 So anyway maybe you could correct me on 32 that a little bit or enlighten me I guess. 33 34 ACTING CHAIR SKINNER: Yeah, Rick, I can -- this is Rebecca. I can go ahead and clarify. 35 36 If you're looking at the letter that's on -- the 37 section that's on Page 25 in the meeting book, that 38 letter was generated by this Council and was sent to 39 the Board of Fish. So this -- the Kodiak/Aleutians 40 Council supported proposal 103 and that's what's in the 41 letter. The letter was sent to the Board of Fish, but 42 ultimately the Board of Fish, but ultimately the Board 43 of Fish did not approve proposal 103. 44 45 So I think that is -- that should 46 address the disconnect that you just brought up. 47 48 MR. KOSO: Yeah, thank you very much, 49 that certainly does so go ahead. 50

0055 1 ACTING CHAIR SKINNER: All right. Thanks, Rick. All right. Any additional questions or 2 3 comments. 4 5 (No comments) 6 7 ACTING CHAIR SKINNER: All right. 8 Thank you so much. It is 11:12, I think we're going to go ahead and take a 15 minute break. So we'll go ahead 9 10 and reconvene a little bit before 11:30. And then I am 11 planning on going -- taking a lunch break at 12:30. So 12 we'll take a short break now, 15 minute break and then 13 be back in business for an hour. 14 15 Thanks. 16 17 (Off record) 18 19 (On record) 20 21 ACTING CHAIR SKINNER: All right. We 22 are ready to reconvene the meeting here. If everybody 23 in the room wants to stop conversations. All right. 24 So we're going to reconvene. We have moved on to 25 agenda item 13 which is new business. And earlier when 26 we approved the agenda we had moved item G up to be the 27 first item. So that's NOAA Alaska Fisheries Science Center, 2022 NOAA research and ecosystem for Bering 28 29 Sea, Aleutian Islands and Gulf of Alaska. And this is 30 Dr. Ellen Yasumiishi. And I believe that she is online 31 and ready to go. And we are projecting the slides in 32 the room. 33 34 DR. YASUMIISHI: Thank you, Madame 35 Chair, members of the Council. My name's Ellen Yasumiishi, I'm a Research Fishery Biologist with NOAA 36 37 in Juneau, Alaska. And my focus is more in the pelagic 38 marine ecosystem monitoring and fish recruitment. So 39 in talking with the Coordinator it sounds like the 40 interest was in Pacific cod, halibut and crab and since 41 we primarily focus on Pacific cod I thought I would 42 make that the focus of this presentation today with 43 some background information on marine heatwaves and 44 sort of like feeding conditions and conditions of the 45 Pacific cod as well as their population status. 46 47 Can you hear me okay? 48 49 ACTING CHAIR SKINNER: Yes, you're 50

0056 1 coming in very well. And just to note that this is tab 6 in the supplemental book, the slides are in there. 2 3 4 Thanks. Go ahead. 5 6 DR. YASUMIISHI: All right. Slide 7 number 2 outlines sort of the flow of my talk today. I'm going to start on the Bering Sea and then move to 8 the Aleutians and the Gulf of Alaska and again with the 9 10 focus on marine heatwaves, ecosystem conditions and the 11 condition of Pacific cod as well as their level of (indiscernible - distortion). 12 13 14 Slide 3 was really for me to become 15 familiar with the region that you're focused on and how 16 that relates to our information that we're presenting 17 today. 18 19 So slide 4 shows the relationship 20 between these two regions where we have the bottom 21 survey that assesses the populations trawl of commercially important groundfish. 22 23 24 Slide 5, I'll start with the Bering Sea 25 And these are seasonal temperatures. temperatures. 26 The purple line is the 30 year average, the blue line 27 is last year's time series of conditions throughout the 28 year and then the black line tracks the current 29 conditions. And then I've updated this slide. Plot 30 two panels are the northern Bering Sea on the left and 31 then the southeast Bering Sea on the right. And then 32 the bottom panel is an index for the presence of a marine heatwave. So if there's any coloring such as 33 34 yellow or orange that would indicate a heatwave. So 35 far this year we have not seen conditions associated 36 with a marine heatwave. 37 38 Slide 6, our last year the late summer 39 ecosystem survey in the pelagic water where we sample the juvenile fishes, we saw fairly good feeding conditions although there weren't a lot of large 40 41 42 copepods there, but there were a lot of euphausiids and 43 these are really good food for the age zero Pacific 44 cod. And they also caught more cod than usual as well as atka mackerel which is an important prey item for 45 46 the adult Pacific cod. 47 48 Slide 7. This is a -- I apologize, 49 there's no X axis per year, but the last box there 50

0057 1 shows the average body condition so this is the relationship between the weight of the fish to the 2 3 length. So they're above average, above that solid 4 line in the center there. And this is from the bottom 5 trawl survey. 6 7 On slide 8.... 8 ACTING CHAIR SKINNER: Can I -- sorry. 9 10 On slide 7 are each of the little blue boxes, can we 11 look at those as those are years and so the last year all the way to the right is 2022 and then do we just 12 count back and each -- each box in a row is the 13 14 previous year? 15 16 DR. YASUMIISHI: Correct. 17 18 ACTING CHAIR SKINNER: Okay. 19 20 DR. YASUMIISHI: However there are 21 missing years, 2020 we did not have a survey due to 22 covid. So yeah, the last -- yes, the last box is 2022. 23 24 ACTING CHAIR SKINNER: Okay. Thank 25 you. 26 27 DR. YASUMIISHI: Next slide 8. 28 29 ACTING CHAIR SKINNER: Oh, I'm sorry, 30 we have another question. 31 32 Pat. 33 34 MR. HOLMES: Yeah, excuse me, Ellen. 35 36 DR. YASUMIISHI: Sure. Go ahead. 37 38 MR. HOLMES: I'm really tickled you 39 could do this again, but on -- back on slide 7 with the 40 P cod I would assume between those two upward pulses 41 the downward pulse -- the downward pulse on the --42 three pulses for the Pacific cod, in the center though those were that heatwave that you mentioned before and 43 44 is that the reason why the average weight is down? 45 46 DR. YASUMIISHI: So yeah, there was 47 also a cold period there. We had the heatwave in '14 48 and '16 and so -- yeah, it's a combination of the two, 49 too cold and then too warm if that makes sense. So 50

0058 1 just in the center there is actually the colder years. And then we have, let's see, '17, '15 -- yeah, I would 2 3 have to really put a year on this slide, but they're 4 very poor condition. 5 6 ACTING CHAIR SKINNER: All right. 7 Thank you. Please proceed. 8 9 DR. YASUMIISHI: Okay. Slide 8. These 10 are the stock assessment estimates for Pacific cod 11 populations in the Bering Sea and show that in the last 12 few years they have been below average. 13 14 Slide 9, the spawning stocks biomass is 15 relatively good. 16 17 Slide 10 is summary for the Bering Sea. 18 There's no heat upcoming thus far this year. Last year 19 we had pretty good feeding conditions with guite a few 20 euphausiids, fatty krill available. Seabird production 21 also indicates that there were good conditions for 22 small fish. Body condition was also good for Pacific 23 Although populations that are (indiscernible cod. 24 distortion) forspawning stock are doingrelatively well. 25 26 Slide 11. We're moving on to the 27 Aleutian Island temperature time series (indiscernible - distortion). And so this -- I want to point out the 28 29 website, the https (indiscernible - distortion) you can 30 go there and upload these daily if you'd like to track 31 the course of the heatwaves. So yeah, this does show 32 that the Aleutian Islands are a bit warmer than last year and we had an incoming heatwave earlier this year 33 34 which has actually dissipated thus far. 35 36 Next slide is slide 12, body condition 37 of Pacific cod in the Aleutian Islands. And Ι 38 apologize again for the lack of year on the X axis, but 39 it does show that we've had during this last heatwave (indiscernible - distortion) Pacific cod has been below 40 41 average in their condition for this region through 42 2022. 43 44 Slide 13 are the population est relative estimates of a biomass of fish caught in the 45 bottom trawl survey. And it shows in 2022 that Pacific 46 47 cod were below bulk average as well as I wanted to 48 point the halibut were also lower than expected whereas 49 there were quite a few more sablefish in the region. 50

0059 1 ACTING CHAIR SKINNER: And can I ask a 2 question.... 3 4 Slide 14. 5 6 ACTING CHAIR SKINNER: .....on slide 7 13. So you've noted in that P cod is below average, but then the years that are shown before that there was 8 almost no P cod at all, is -- am I reading that 9 10 correctly? 11 12 DR. YASUMIISHI: Correct. Yes. So 13 that light yellow..... 14 15 ACTING CHAIR SKINNER: Okay. Thank 16 you. 17 18 YASUMIISHI: DR. Right. That's 19 So this might help clarify slide 14. correct. The 20 time (indiscernible - distortion) Pacific cod biomass estimated for the district A and yeah, 2022 is below --21 22 looks like close to the lowest on record since 1990 23 although surveys did not occur every year. 24 25 So in summary for the Aleutian Islands 26 there initially was or may be still a marine heatwave in the region. There is lower than average prey for 27 Pacific cod. There was also an increase in the eastern 28 29 kamchatka, the pink salmon which are -- is of a concern 30 due to competition for food. Fish are below average 31 body condition as well as bulk and biomass. 32 to the Gulf 33 Moving on of Alaska 34 temperature time series on slide 16. We don't see an 35 indication of a marine heatwave at all and it looks 36 like temperatures are below the average -- the 30 year 37 average although there a little bit warmer than last 38 year. 39 40 Slide 17 are -- these are the juvenile 41 Pacific cod that we sample in beach seine in the Gulf 42 of Alaska around Kodiak Island and on the Peninsula. 43 And it indicates that there is a good incoming year 44 class of 2022 fish into the population. 45 46 Next slide, slide 18. We have 47 different types of samplers or forage fish. So these 48 are prey for pollock, Pacific cod, arrowtooth flounder, 49 sablefish and fish and seabirds in general. And the 50

0060 1 green is above average so overall it looks to be fairly good -- you know, good feeding conditions last year, 2 however there were -- it was variable. 3 4 5 And on slide 19.... 6 7 ACTING CHAIR SKINNER: Sorry, can.... 8 9 DR. YASUMIISHI: .....the body con..... 10 11 ACTING CHAIR SKINNER: .....can I have 12 a question back on slide 17. Well, it's related to 17. 13 About how long does it take cod to age into a fishery. 14 So I'm assuming when you look back there's that low 15 trough kind of between 2013 and 2016 where there was very few of these age zero P cod and I assume that's 16 the much lower cod available in 17 what fed into 18 subsequent fishing years, but is it -- is it like a two 19 or three or four or five year -- how long does it take 20 the cod to age into the fishery? 21 22 DR. YASUMIISHI: Yeah, that -- that's a 23 really question. I know for pollock and sablefish it's usually like three to four years. And since they're a similar size I would -- I suspect that those are the 24 25 26 same -- I'd have to look into it, but it does take 27 several years for (indiscernible - distortion). 28 29 ACTING CHAIR SKINNER: All right. 30 Thank you. 31 32 DR. YASUMIISHI: So the -- slide 19 is 33 the body condition of adult Pacific cod from our 34 surveys and from the central Gulf on the top left 35 In the long line fishery we had very below -panel. 36 very low body condition of these fish whereas in the 37 western Gulf kind of around Kodiak area I quess the 38 fish are actually in much better condition. 39 40 Slide 20. So yeah, currently, I mean, 41 the population biomass is not very good and it's 42 interesting because of the age zero time (indiscernible 43 - distortion) would indicate otherwise especially in 44 2022 and '17 and '18 year classes. So, yeah, something else isgoing on after that age zero life stage which --45 I mean, it looks to me like maybe it's a marine 46 47 heatwave affect, 2017 is when we see the low, you know, 48 it drops way down in '15 and '17 on slide 20. 49 50

1 So slide 21 (indiscernible distortion) in the Gulf of Alaska there was no marine 2 3 heatwave last year, but it was warm in the summer and 4 fall through the water column. So although there was no heatwave it was not stratified and cool at the 5 bottom like we usually see. There was mixed variable 6 7 feeding conditions, but usual -- looked like above average with the forage fish abundances for food for 8 9 the adult fish however the condition of -- for the cod 10 were poor and the abundance remained low. 11 12 Slide 22 is something that we assess 13 for much groundfish stocks that are reported to the 14 North Pacific Fishery Management Council is our level 15 of concern based on the ecosystem status. 16 17 So slide 23 summarizes that by region. 18 So each stock assessment we have a level one, two, 19 three and four, concerns that we report out to the 20 Council. And based on some of the indicators around 21 the Aleutian Island we are more concerned about the AI 22 Pacific cod box though. That just gives the Council 23 some room to qualitatively make decisions on harvest 24 based on other factors other than the populations 25 estimates. 26 27 And finally this is kind of like a 28 background of why -- why is it a level two at these 29 persistent warm condition that results in low quality 30 prey and low fish condition and decreased consumption 31 of atka mackerel. So Pacific cod are eating the 32 mackerel and they were -- they were not in good 33 numbers. So that's sort of the reasoning behind that. 34 35 Slide 25 I was also to maybe talk about 36 salmon and since I didn't really have a great story for 37 your region I thought that I would present this 38 synthesis by Andrew Monro from the North Pacific 39 Anadromous Fish Commission showing trends in salmon returns from 2017 through 2021. 40 And it shows an 41 increase in the kamchatka pink salmon as well as pink 42 salmon in the northern -- in the Bering Sea as well as 43 sockeye in the Bering Sea and all other stocks and 44 species around the Pacific Rim were either -- had a similar trend or they were declining in abundances. So 45 46 that's kind of the big picture, we're seeing declines 47 in the chum and chinook, particularly stable coho and 48 reductions in sockeye except for Bristol Bay. 49 50

0062 1 And so slide 26 finally what would we expect for 2023. And I think the only real red flag 2 are the marine heatwave conditions currently in the 3 4 Aleutians, but I hope that we can gain some insight from our NOAA weather folks in the presentation. 5 6 7 And thank you for inviting us to be at 8 your meeting. And the last slide I have additional 9 information, links to other -- some of the information 10 that I presented today. 11 12 Thank you. 13 14 ACTING CHAIR SKINNER: All right. 15 Thank you. That was a lot of information and I know that there's a lot of information that went into each 16 17 of the slides. And this was a pretty quick 18 presentation so hopefully people can think of questions 19 quickly while you're still online. And I'll go to Pat. 20 21 Go ahead, Pat. 22 23 MR. HOLMES: Yeah, Ellen, a swell 24 presentation. I wish that this sort of work had been 25 done back in the late '70s, early '80s when we had the 26 regime shift back then, it would have been a lot easier 27 to explain what was going on. I'm trying to remember back from your last presentation to us you were 28 29 discussing that the water temperatures at the -- a few 30 years back in the Bering Sea were increasing. And I'm 31 not sure, but did you say that there was possible 32 migration of Pacific cod from the central Gulf of 33 Alaska up into the Bering Sea and if that did happen 34 when it increased there if the temperatures cool off in 35 the Gulf will they move back, is that part of this change in population dynamics or do the cod stay in the 36 37 Bering Sea and then the Gulf of Alaska critters are 38 independent of that? 39 40 Through the Chair. DR. YASUMIISHI: Thank you, Pat. I'm surprised you remembered me from 41 42 -- I think it was five years ago. But yeah, that's a 43 very good question and I'm going to have to reach out 44 to (indiscernible) she's the Geneticist that does the analysis of Pacific cod and I know she's doing some 45 46 work on Arctic -- in the Arctic as well. But I can 47 provide a better answer if I can email your Chair and 48 Coordinator with a response if that would be okay. 49

0063 1 MR. HOLMES: That would be really swell, that's really swell. I'm just so thankful that 2 3 you're doing this and for everyone that's involved and 4 all the ramifications. I mean, this is just wonderful 5 that you're able to be able to sit down and think about -- before when we had the other regime shift it was 6 7 basically condemned the management agencies for screwing up. And it was way beyond anything of their 8 jurisdiction. 9 So it's really swell that you're 10 continuing to do this. 11 12 Thank you ever so much. 13 14 DR. YASUMIISHI: Through the Chair. 15 Thank you, Pat. Yes, we are seeing fish migrating northward, juvenile sockeye, pollock in the Gulf of Alaska and also more Gulf of Alaska salmon into the 16 17 18 Bering Sea during these warm years. And more juvenile 19 salmon in the -- in the Chukchi Sea. 20 ACTING CHAIR SKINNER: All right. Are 21 22 there additional comments or questions. 23 24 Chris, go ahead. 25 26 MR. PRICE: Thanks again for your presentation, it's really been important for us to have 27 28 this information. On the Bering Sea when you're in 29 level one, no apparent environmental concerns or 30 ecosystem concerns and you have all these healthy 31 stocks, do you guys -- does that become a 32 recommendation where you guys can have in-season 33 decision-making to increase harvest and that kind of 34 thing, how does that play into the environmental 35 assessment that you guys do? If you -- if that 36 question makes sense. 37 38 DR. YASUMIISHI: Yeah. Through the 39 Chair. Thank you, Chris. Yes, it does, it's presented by our ecosystem status report (indiscernible -40 distortion) experts to the North Pacific Fishery 41 42 Management Council in -- at the same time as the stock 43 assessment folks provide their estimates of population 44 And these ecosystem assessments are now status. included in the stock assessment so the Council are 45 46 aware of other factors of the population abundance 47 estimates to make decisions for lowering or raising 48 catch. 49

0064 1 ACTING CHAIR SKINNER: Yeah, so the way the risk tables work with -- so the risk tables are 2 3 used by the stock assessment authors and by the plan 4 teams to come up with the -- to eventually get to the total allowable catch, how much is allowed to be 5 harvested. The point of the risk tables is to provide 6 7 a mechanism to account for things that are impacting the stock that aren't built into the stock assessment 8 9 survey because if it's something they know generally 10 those things get built into the model they're using for 11 the stock assessment so the risk table is to account 12 for things that aren't built in. And they're not -- so 13 they're not used so much for in-season management, but 14 to come up with the allowable biological catch and the 15 total allowable catch for harvest. 16 17 So like I said there's -- these slides have a lot of information that went into putting each 18 19 of the slides together that are -- I mean, yeah. This 20 is a very dense presentation. 21 22 All right. Are there additional 23 comments and questions on this. 24 25 Coral, go ahead. 26 27 MS. CHERNOFF: Yeah, thank you for that A lot of the information you provided 28 information. here looks like rockfish, pollock and cod. So I was 29 30 wondering in your assessment of the ecosystem 31 monitoring are squid tracked at all? I know there's 32 hundreds of thousands of squid being caught, they're 33 not commercially really on the radar for commercial 34 fishing and I am the -- I've been the lucky recipient 35 of some squid for subsistence. But are there squid 36 numbers that you have and are those numbers -- if you 37 have those numbers, have they been increasing or 38 decreasing? And then the third question is are they 39 any indication of healthy -- the health or warmth or 40 the cold temperatures of the waters? 41 42 DR. YASUMIISHI: Yeah. Through the 43 Chair. Thank you, Coral. That's a good question and there is a report on rid and forage fish catches from 44 our surveys. The author is Ormseth and Yasumiishi. 45 Ι 46 (indiscernible - distortion) and I -- what I can do is 47 forage you that report. I believe it was from 2021. 48 And I -- the other questions, I'm sorry, I don't have 49 the answer to right off the top of my head, but I think 50

0065 1 this report would be very informative. 2 3 ACTING CHAIR SKINNER: Yeah, and if you 4 can forward that report to Lisa that would be great and 5 then she can forward it out to the Council. 6 7 Chris, go ahead. 8 9 DR. YASUMIISHI: Will do, thank you. 10 11 MR. PRICE: I have one more question. 12 So we see salmon in the general downtrend Thank you. 13 except for maybe coho and maybe pinks. But on the 14 couple that you see up, the green arrows up like pink 15 and then the sockeye you said -- I think you said Bristol Bay. What are the -- what are the reasons that 16 17 those salmon that are being successful, what seems to 18 be their -- why are they being successful in those 19 couple areas, those few areas? 20 DR. YASUMIISHI: 21 Through the Chair. 22 Thank you, Chris. Great, great question. I -- you 23 know, I wish I had the answer to that. I know that 24 since the marine heatwave, you know that caused a lot 25 of concern with the lack of quality prey in the ocean. 26 And with the warming of the rivers I know that sockeye 27 have -- you know, they're a little more buffered in the 28 freshwater because they hang out in lakes and deeper --29 deeper water. So yeah, I guess I'm not exactly the 30 right person to ask that question. 31 32 ACTING CHAIR SKINNER: Thanks. And 33 then also on that slide 25 with the salmon do you know 34 if the abundance that's shown is that abundance of wild 35 stocks, is that abundance of wild and hatchery stocks, is it abundance at the rivers measured 36 through 37 escapement, is it abundance of salmon that were caught 38 in trawls out in the ocean, what kind of background 39 information do you have on what abundance means on 40 slide 25? 41 42 DR. YASUMIISHI: I would actually have 43 to forward that report to you which I can do, but I believe it's harvest and escapement. I would have to 44 45 look at that document, but I can send that to Lisa. 46 47 ACTING CHAIR SKINNER: All right. 48 Thank you. 49 50

0066 1 Pat, go ahead. 2 3 MR. HOLMES: I think possibly and this 4 is my guess to Chris is pink salmon, they only spend 5 one year in the ocean after they're smolt and then they And so they feed -- tend to 6 come back the next year. 7 feed more in-shore and so they'll be probably genetically able to tolerate changes easier than the 8 fish that spend more time offshore like sockeye and 9 10 chinook. And chinook have been going down hill for the 11 last oh, several years in the whole Pacific. And I 12 would guess from talking to Mr. Sands who's the Bristol 13 Bay Fish and Game Advisory -- Manager for salmon is 14 their basic guess is although they've had their 15 research money slashed is they believe that they're probably having a much greater survival in Bristol Bay 16 17 lakes for sockeye because there's so many more of them 18 than we are having in the Gulf of Alaska because those 19 are areas where we're having a lot of problems with 20 sockeye, Chignik and even Kodiak, some of the runs have 21 not been coming in. So it's a sticky, hard question 22 for sure, but a great one. 23 24 Thank you. 25 26 DR. YASUMIISHI: Through the Chair. 27 difference about pink and sockeye One is that (indiscernible - distortion) filaments are very close 28 29 together and long so they're able to feed on the 30 smaller (indiscernible - distortion) like the small --31 like the copepods and smaller prey items. 32 33 ACTING CHAIR SKINNER: Okay. Other 34 than people are noting that this is very helpful and 35 you did a great job presenting some very dense and complicated information. All right. Well, seeing no 36 37 further questions or comments thank you so much for 38 taking the time to present to us today. 39 40 DR. YASUMIISHI: Thank you. 41 42 ACTING CHAIR SKINNER: All right. So 43 we're moving on to the next agenda item which is 13b, 44 the Kodiak National Wildlife Refuge wildlife and other 45 activity report, September, 2022 to January, 2023. 46 Noted as Michael Brady and Bill Pyle with the Fish and 47 Wildlife Service. 48 49 Go ahead. 50

0067 1 MR. PYLE: Madame Chair, members of the Council. My name is Bill Pyle, Supervisory Wildlife 2 Biologist for Kodiak Refuge and I will be presenting 3 our report -- activity report. We'll refer you to Page 4 5 27 of your handbook and then there's also -- we 6 submitted some comments to the Alaska Board of Game and 7 that is tab 3. I'll be referring to those after I 8 present on the main report. 9 10 So our first -- the first page, Page 11 27, refers to subsistence permit summary and I don't 12 have much to say there other than we're the issuing 13 office for Federal subsistence permits and that 14 includes for deer, elk -- designated deer, roosevelt 15 elk and brown bear. So but I would like to refer you to that second boldface topic, subsistence regulations. 16 17 And to Ms. Chernoff's point, well taken regarding the 18 obscurity of some of the process of permitting. We've 19 had issues with it in our office and finally assembled 20 a team to kind of step it down and, you know, put it in 21 plain language for each of the primary species. And we have some handouts on the table, we have kind of an 22 23 advanced draft of -- these will be going to the public 24 or if we're talking to people that are interested in 25 permits we'll go ahead and hand them out to them. 26 27 So there's four of them for each of the 28 four, brown bear, roosevelt elk and two for deer. And 29 so these were not included in your book because they're 30 kind of hot off the press. They've been worked on 31 through the winter and the goal is to have these 32 available at our office and also on the website and if 33 anybody calls or asks, you know, we'd be glad to 34 provide them with this information. So we anticipate 35 doing a similar effort for fisheries because it's just 36 been, you know, an ongoing concern for years in terms 37 of, you know, the rural resident, local public that are 38 eligible for Federal subsistence in the Kodiak area, 39 sometimes having a hard time understanding what the regulations are talking about relative to the different 40 41 species. 42 43 So I just wanted to call your attention 44 this was not in your materials, but we just to that, 45 finished it off and so welcome you to go ahead and 46 check it out accordingly. 47 48 So I'll be moving on to brown bear down 49 at the bottom of that first page. Every year we 50

1 conduct population assessments. The one I'll be referring to is the one the Refuge does and we do 2 3 aerial surveys for brown bear composition on -- over a 4 subset of salmon streams out in southwest Kodiak Island 5 where the brown bear aggregate for feeding on salmon during the summer. And so just a quick summary, you 6 7 know, there's nine streams that are involved and generally speaking the composition particularly with, 8 9 you know, if you look at independent bears which means 10 that bears without -- not including cubs, these would 11 be adult bears or subadults and, you know, that 12 percentage is normal over all for most streams 23 That's not bad for a ratio of maternal 13 percent. 14 females. And then on the other hand there's a couple 15 streams that have kind of ongoing concern, in particular the Sturgeon where we generally see lower 16 17 percentage of maternal females and that kind of 18 coincides with some of the other population information 19 we have which indicated that the Sturgeon based 20 population of bears has been going down. So in any 21 case a quick reference to that. 22

23 I just wanted to kind of echo what Sam 24 and some other referred to about the type of winter 25 we've had and the potential influence on sitka black-26 tail deer. This is the second page. And we don't have 27 any, you know, actual data, but, you know, there's lots 28 of folks that observe conditions and, you know, 29 apparent response in what the deer are doing and, you 30 know, this would be kind of an average winter. We're 31 not expecting particularly at this late stage that it's -- that, you know, there's any kind of above norm 32 overwinter mortality of sitka deer. 33 And so at a 34 minimum we would expect that if conditions hold that, 35 you know, harvest opportunities would at least be at 36 the level they were last year, if not better.

38 I'll defer to my colleagues at the 39 Alaska Department of Fish and Game to talk about 40 mountain goat and roosevelt elk.

42 And moving down to sea otter. So 43 another item that I'm not sure the Council got in the materials, but we did send it out, was Robin Corcoran 44 who is a Bird Biologist, does this massive community 45 46 level wildlife survey for marine birds and mammals. 47 And she kind of runs a three year cycle. It's been 48 referred to in previous reports primarily on the bird 49 front. And I'm here to say that, you know, you've seen 50

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1 some material before on her summaries relative to sea otter and we updated it because she had just completed 2 3 another survey last year, this was of the Afognak area. 4 So this includes a total of nine surveys, three in each 5 of the regions, east Kodiak, west Kodiak and Afognak. And so it's really three years of surveys in each of 6 7 those regions. And so there is a handout outside that summarizes that. I believe we provided her summary to 8 9 the Council early on, but it was kind of a separate piece. 10 We know your ongoing interest in sea otters 11 and, you know, there's that kind of global aerial 12 survey that's happened periodically, well, Robin's work 13 has occurred much more frequently and it is something 14 that has occurred in different regions of Kodiak as 15 well.

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17 So my take just briefly on one of the 18 results of her surveys, it's kind of interesting just 19 to let at for example the June data for the different 20 regions is that, you know, it's been -- it's kind of a 21 static situation with the population in east Kodiak which has got the least number of sea otters. And in 22 23 west Kodiak it's been more or less static, you know, 24 from 2013 to June of 2022 whereas Afognak shows a 25 pretty substantive increase between 2012 and 2021. So 26 it -- it's kind of like they're shifting around a 27 little bit. So you really have to view each of these 28 regions as a kind of an independent entity even though 29 the otters are moving, they're mixing and this is just 30 what we see at that time of year. We do two surveys, 31 June as well as August. So she's not doing any surveys this year, but this is a large dataset, it is pretty 32 33 comprehensive for both birds and marine mammals. 34

35 So and then moving down to sea otter 36 harvest. I guess the short note there, this is 37 information provided by our Marine Mammals office and I 38 just get an update every year. And I guess just my 39 take on it is that there's been a declining harvest or 40 a declining trend in harvest in the Kodiak area. Ιf 41 you look at that next -- second to the bottom row for 42 the total which is the total number of sea otter 43 harvest through 2021 it's kind of dropped off. 44

Relative to salmon fisheries I guess the main thing I want to say is that what was not included in our report because we kind of give the rundown and this is Fish and Game data with the exception of where we refer to special actions taken by 50

1 the Fish and Wildlife Service which are usually in response to information and, you know, the Department 2 of Fish and Game taking a action as well to close a 3 fishery. So the one that we did mention is relative to 4 5 the Buskin River coho salmon. On September 22nd we came out with a special action that closed the coho 6 7 fishery. And, you know, that was coincident with the Department also closing, you know, the recreational 8 9 sport fishery. So anyway the Buskin's had its 10 challenges here for the last few years as folks are 11 aware and that included coho especially last year. 12 13 And then also on the salmon front Kevin 14 VanHatten, Fisheries Biologist, continues to do stock 15 assessment work on Akalura Creek, that includes Akalura Lake as, you know, the fish are -- they run up the 16 17 short creek into the lake. And our monitoring efforts 18 indicate a pretty steep decline. I mean, you know, 19 this used to be one big fishery, you know, a principal 20 in the Olga Bay system. And, you know, you have Upper Station, Dog Salmon and Akalura and Akalura has just 21 fallen off the map more or less. And I would just call 22 that to your attention, that's the reason we're 23 24 monitoring it is because Fish and Game decided not to monitor it after, you know, they -- they had a history of monitoring there for 40, 50 years, after World War 25 26 27 II right up to 2000. And so we kind of jumped into it 28 there in 2015 given a conservation concern in addition to -- you know, not only from the standpoint of 29 30 subsistence and commercial fishers, but also just from 31 the standpoint of bear food. So, you know, continued 32 concern about Akalura Creek. 33 34 And then I guess I'll kind of wind up 35 here by just speaking to some outreach actions and then 36 also refer to our comments to the Alaska Board of Game. 37 So once again we're kind of spearheading the effort on 38 behalf of the Service for the Alaska migratory bird 39 youth art calendar contest. And that is kind of like the effort that's going on right now is in relation to 40 41 what would be next year's calendar. And so the contest 42 is in process working with eligible communities, 43 schools home schoolers in those and eligible 44 communities. 45 46 So during the winter in conjunction with the Department, Amy Peterson, Koniag Community

46 So during the winter in conjunction 47 with the Department, Amy Peterson, Koniag Community 48 Affairs Liaison participated in some of the subsistence 49 surveys, met with Tribal Environmental Departments, 50

0071 1 continued gathering information on Kodiak Tribal Climate Adaptation Plan and continued visiting rural 2 3 schools for outreach, education activities. 4 5 And then we do some facilitation with 6 the Alaska Department of Fish and Game Subsistence 7 Division regarding their subsistence surveys, you know, it's kind of housing, but sometimes, you know if our 8 Staff has been able to jump in too and support that 9 10 survey. And so the current targets which I believe the 11 surveys were successfully completed were Ouzinkie and 12 Port Lions. 13 14 And then finally we have a new primary 15 person that joined the Refuge team, that is Danielle Fujii-Doe is Deputy Refuge Manager, she just arrived on 16 17 Island the other day. So she'll be starting up and I'm 18 sure you'll see her probably at the next meeting. And 19 you may have opportunity to correspond with her. 20 21 So I'd like to refer to -- we did submit comments to the Alaska Board of Game and I will 22 23 just very rapidly just go through what we commented on. 24 The Alaska Department of Fish and Game Wildlife 25 Division is up next talking about specifically what 26 happened at the Kodiak proposals. Suffice it to say 27 for the Refuge's part we submitted seven -- comments on 28 seven proposals, two for deer, two for mountain goat, 29 one for feral reindeer, one for roosevelt elk and one 30 for brown bear. Generally speaking we opposed most of 31 the proposals with the exception of the Department's 32 proposal to change the reindeer harvest from -- to a 33 registration hunt. We supported that. And then we 34 supported the Department's position on also establishing a, you know, restriction on female harvest 35 36 in a few of the bear hunting units down in southwest 37 Kodiak Island. The Board did not support that proposed 38 action, but kind of -- best I know has provided some 39 authority locally to the Department to go ahead and 40 move forward with that. 41 42 So generally speaking we lined up with, 43 you know, for a good part of our recommendations with 44 the Kodiak Advisory Committee. And so, I mean, we were 45 pretty pleased with the outcome with the exception of 46 bears, but, you know, that's going to be resolved 47 anyway. 48 49 So I'd be glad to take any questions. 50

0072 1 Thank you very much. 2 3 ACTING CHAIR SKINNER: Thanks, Bill. I 4 just wanted to clarify -- sorry. You talked about a 5 report from Robin Corcoran that I think would have both the bird and otter observations. And I thought you 6 7 said that had been sent, but I was chatting with Lisa, I don't know think we received it. So but the report 8 exists, I guess can -- you have it in your hand? 9 10 11 MR. PYLE: And there's copies out 12 there. We'd be glad to make copies for this Council. 13 This report refers specifically to just her summary of 14 the sea otter information. 15 16 MS. HUTCHINSON-SCARBROUGH: Yeah, and 17 Robin is on the agenda to present her report later. It 18 will be tomorrow so I will -- I'll touch base with her 19 and see if there's anything additional that she would 20 like to send to me. 21 22 MR. PYLE: Right. 23 24 MS. HUTCHINSON-SCARBROUGH: Okay. 25 Thank you. 26 27 MR. PYLE: Thank you. 28 29 ACTING CHAIR SKINNER: Yeah, it sounded 30 like whatever the fuller report is would be really 31 useful to look at, but I -- we don't have it in our 32 materials so if we can get that that would be helpful. 33 34 Are there -- Sam, go ahead. 35 36 MR. ROHRER: Thanks. Through the 37 Chair. Bill, a question on the brown bear population 38 assessments. What's the timing on the brown bear 39 stream survey that you do? 40 41 MR. PYLE: Right after -- through the 42 Chair. Right after 4th of July up until mid August, 43 pretty much during the -- you know, with the systems we monitor it's primarily, you know, the early run of 44 sockeye plus in the Sturgeon it is exclusively the chum 45 46 which have the same run timing as sockeye. And then, you know, so we -- we kind of try and generally with 47 that time period get the -- more or less the peak of 48 49 each of these nine streams. It includes a couple in 50

0073 1 the Karluk drainage, but primarily, you know, we're talking Red Lake, Sturgeon and then also Upper Dog 2 3 Salmon. 4 5 MR. ROHRER: And one more question. Is 6 that the camera surveys that I remember you've reported 7 in the past, but I can't remember exactly on 8 (indiscernible - simultaneous speech) ..... 9 10 MR. PYLE: No, this survey's been going 11 on actually since the early '60s, but the usable information for us, for this composition survey is 12 13 since the early '80s. And so that's the -- that's the 14 dataset we're looking at. And it's..... 15 16 MR. ROHRER: Okay. 17 18 MR. PYLE: .....it's very valuable for 19 -- you know, in contrast to our other survey which we 20 run in late May we can't really get an understanding of 21 composition because not all of the females that are, 22 you know, bearing families, are out of their dens. 23 Those with new cubs of the year, you know, half of them come out in June and we're already done with our 24 25 survey. So you really can't say anything about, you 26 know, here's the objective assessment of composition. 27 In contrast if you get out there during the summer on 28 those streams and you count enough bears you can. And 29 we know that because we've done -- done the radio 30 collar work where we had identical composition. This 31 is going back to the '80s and researcher Vic Barnes 32 where he compared the two and that's the reason he kept the stream surveys because it was really kind of 33 mirroring the composition of the bear population on the 34 35 ground. And so knowing the ratio of the family groups 36 or the maternal females to the rest of the -- you know, 37 the adult bears is very useful because it's kind of an 38 early warning sign where if you see a declining ratio 39 of maternal females, you know, one year, no big deal, but if it's multiple years it's probably going to be 40 41 reflected in that population. And in fact that's what 42 we've seen in our data where we've -- you know, where 43 we do the larger just population assessment, usually we'll have issues initially with productivity and the 44 number of females and then following that, you know, 45 46 we'll see a decline in the population or conversely 47 increase. It's gone both ways historically. 48 49 ACTING CHAIR SKINNER: Pat, was that 50

0074 1 your hand. 2 3 MR. HOLMES: Yes, ma'am. 4 5 ACTING CHAIR SKINNER: Go ahead. 6 7 MR. HOLMES: Yeah, Bill, I'm wondering 8 on the -- you know, the drop in Ayakulik on female bears.... 9 10 11 MR. PYLE: Uh-huh. 12 13 MR. HOLMES: .....and probably cubs too 14 I imagine, but two questions relating to that. Is that 15 parallel -- I haven't looked at the Fish and Game escapement information from the flights in a while, but 16 17 I think the chums are way down in that system in 18 Sturgeon, aren't they and have you seen with the 19 collared bears or the Fish and Game folks there with 20 Nate, have your organizations -- have you seen migration of bears like to Karluk. 21 Because if I 22 recall, you know, years ago in the early '80s if 23 Surgeon went down then you'd see kind of a surge flying 24 stream surveys over towards Karluk, but I don't know if 25 that's food preference or they don['t just stay there 26 if that's enough food. Is that -- that assumption 27 correct? 28 29 MR. PYLE: Through the Chair. So to 30 the first question, right, the Sturgeon, you know, 31 that's where we've requested the Department for data and we've requested that they do extra surveys to 32 33 increase monitoring of the chum stock in the Sturgeon 34 which has been kind of in a long term decline, kind of 35 coincident with in fact, you know, the entire northwest 36 section. The chum have been going down, but the 37 has historically had the Sturgeon largest chum 38 population in the Kodiak Management Area. And it's 39 been particularly important, no surprise to the local 40 bear population. 41 42 A couple things regarding the movement 43 of bears in that region. When we do our survey, this 44 late May survey, we're mainly looking at bears that are kind of the ones that we -- you would kind of identify 45 46 as residents, that have just emerged from the dens or, 47 you know, with the exception of a few males that are 48 running around that are in a, you know, smaller region. 49 And, you know, from the Sturgeon survey area that we do 50

1 with our joint population assessment, we believe that most of those bears are from that region. And so when 2 3 we see -- you know, we get the population status we --4 you know, we kind of tag and said most of these bears 5 are representative or the trend is representative of 6 what's happening with those resident bears.

8 On the other hand during summer, I 9 you've got bears moving all over among these mean, 10 streams taking advantage of the portfolio of all the 11 different runs and timings of runs in a region. Ι 12 mean, that's just a really key feature for making 13 ultimately a healthy bear population is that you've got 14 that mix. And we have documentation with a number of 15 studies, you know, where we've marked bears and, you On the other hand, you 16 know, have seen them move. know, when you have the food resource drop off in one 17 18 area and you're hoping, you know, the bears would move 19 to another area, we suspect that that's not the -- if 20 it's not in their tradition to go out of -- you know, 21 to an area that that's probably a problem for bears 22 particularly, you know, because if they go to an area 23 because of a food shortage in one area and it's not an 24 area or a time of year where they normally went, you know, it's unfamiliar. If they're towing cubs of the 25 26 year, depending on the distance, I mean, it's just not 27 an ideal situation for brown bear.

29 And in the case of the Karluk, I mean, 30 I would cite that where we had a huge population 31 decline and there was no bears on the streams during 32 the early run collapse between 2008-2012. And that was 33 sustained for years and, you know, no bears here. 34 Well, presume -- we know from our tagged bears that 35 they went to different areas, but since we had other 36 information we knew what their patterns were prior to 37 the collapse and, you know, they were going places they 38 been before and we just didn't have the hadn't 39 productivity and survival of the young that was, you You know, I think the 40 know, during those years. adults, they can pull it off, but we had a combination 41 42 of reduced productivity in those situations as well as, 43 you know, presumably higher mortality associated with 44 young bears, you know, they were going to unfamiliar places and they're, you know, low in the -- low in the 45 46 pecking order when they get to those crowded bear 47 streams. 48

MR. HOLMES: Yeah, I can see that. Т

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0076 hadn't thought about -- you know, some -- I was -- part 1 of the time a pulse of the -- in a population is going 2 to be those adolescent or teenagers..... 3 4 5 MR. PYLE: Uh-huh. 6 7 MR. HOLMES: .....and if they haven't 8 learned to go to the Karluk or drop down to Fraser then 9 they'll just be wandering around getting into trouble. 10 And whereas the old mom sows and they'd be -- they had 11 a definite plan if something doesn't occur. And I can 12 recall at Fraser, you know, the returns there might vary two weeks and you won't see but one bear down at 13 14 the falls and yet within one day of when the fish hit 15 all of a sudden they're just galloping over the mountains from O'Malley and they know. 16 And that's 17 always my questions I tease with you is do they have 18 extra sensory perception or how do they see the birds 19 in the sky over the other side of the mountain. But 20 anyway they're cool critters. 21 22 MR. PYLE: Through the Chair. Smell 23 the fish, right. Yeah. 24 25 MR. HOLMES: Thank you, Bill. 26 27 ACTING CHAIR SKINNER: All right. Are 28 there additional..... 29 30 Coral, go ahead. 31 32 MS. CHERNOFF: Thank you, Bill, for 33 that report. I'd like to give just the highest praise 34 to your office for taking on the simplification of the 35 subsistence rules for the public. And I also wanted to 36 say thank you for this information on sea otters. Like 37 it's great information, it's I think the best put in 38 the simplest form. It includes -- I like that it 39 includes the population surveys as well as the hunter 40 harvest and for multiple years. 41 42 So thank you very much for all that 43 information and..... 44 45 MR. PYLE: Through the Chair. You're 46 welcome. 47 48 MS. CHERNOFF: ....all your work. 49 50

0077 1 ACTING CHAIR SKINNER: Go ahead, Sam. 2 3 MR. ROHRER: Thanks. Through the 4 Chair. Just one more comment. It struck me last week at the Board of Game that I don't think there was a 5 single Federal agency in the room other than George 6 7 Pappas, the OSM Liaison to the Board. And I know the State and the Feds don't always get along in a lot of 8 places in the State, but Kodiak's really a shining 9 10 example of where we all do play nice and get along. 11 And I -- I thought about it after I left, but Kodiak 12 comes back up in cycle in three years, three year Board 13 of Game cycle and it would be great to have folks from 14 the Refuge -- you know, one person to go over -- to 15 give, you know, testimony on the proposals they support or oppose and just be in the room for a little bit of 16 17 It would just -- it would be good to the day. 18 represent Kodiak that way, it would be great for the 19 Refuge. I think the Board of Game members would really 20 appreciate getting to hear from Refuge Staff and might 21 be an example to the rest of the State to play a little 22 bit nicer. So anyway it would be great to have you 23 guys there. 24 25 That's all. 26 27 MR. PYLE: Through the Chair. Thank 28 you for the recommendation. 29 30 ACTING CHAIR SKINNER: All right. Are 31 there any further questions or comments on this agenda 32 items. 33 34 No comments) 35 36 ACTING CHAIR SKINNER: All right. 37 Thank you. 38 39 MR. PYLE: Thank you. 40 41 ACTING CHAIR SKINNER: So it is 12:30 42 almost so we're going to go ahead and break for lunch, 43 do an hour and 15 minutes so reconvening at 1:15. I 44 want to double check that the next agenda item is the 45 Alaska Department of Fish and Game report with Nate 46 Svoboda and Bill Dunker. Is that going to work for 47 1:15. 48 49 UNIDENTIFIED VOICE: 1:45 is an hour 50

0078 1 and 15 minutes. 2 3 ACTING CHAIR SKINNER: Oh, okay. Good 4 point. 1:45. So that'll still work. 5 6 (Laugher) 7 8 ACTING CHAIR SKINNER: All right. And then after Fish and Game -- well after Nate and Bill 9 10 Dunker we will hear about the Unimak Caribou from Amy 11 Vandevort so it's not exactly an addition, but it's just augmenting what else is coming under Fish and 12 13 Game. So that's just a heads up for Amy on that. 14 15 So we'll go ahead and recess until 16 after lunch at 1:45. 17 18 Thanks. 19 20 (Off record) 21 22 (On record) 23 24 ACTING CHAIR SKINNER: Okay. We're 25 going to go ahead and get started. We're on agenda 26 item 13c which is Alaska Department of Fish and Game 27 wildlife report and preliminary findings from the March Alaska Board of Game meeting. And this is Nate Svoboda 28 29 and Bill Dunker with the Division of Wildlife. 30 31 MR. SVOBODA: Great. Thank you, Madame 32 Chair. Good afternoon, members of the Board. Aqain 33 for the record my name is Nate Svoboda, I'm the Area 34 Wildlife Biologist for Alaska Department of Fish and 35 Game. And to my left is Mr. Bill Dunker, he is the Kodiak Assistant Area Biologist. He recently moved 36 37 down here from Nome where he was the Area Biologist for about a decade. So Bill has recently joined us about a 38 39 year ago or so. So with that I'm going to hand things over to Bill and he'll be giving you the update today 40 41 as well as addressing any Board of Game decisions that 42 were recently made in Soldotna. 43 44 Thank you. 45 46 Thanks for MR. DUNKER: that 47 introduction. Again Bill Dunker with the Department of 48 Fish and Game. For reference we'll be following along 49 with tab 4 in your meeting materials, that's got the 50

0079 1 preliminary actions on all the proposals that were deliberated on by the Board of Game in Soldotna last 2 3 week or the week prior to that. I'm going to go 4 through and just provide sort of a brief update on some 5 of our recent survey activities, harvest levels and 6 then also touch on each of the proposals by species. 7 8 So beginning with brown bears and 9 looking at the harvest from this past calendar year, so 10 the spring of '22 and the fall of '22. During the 11 spring season we had a total harvest during the State 12 administered draw and registration permit hunts on the 13 road system here of 136 bears which included 109 males 14 and 27 females for a female harvest of 20 percent. The 15 fall harvest included a total of 74 bears which included 51 males and 23 females for a total female 16 17 harvest of 31 percent. This is -- or excuse me. 18 19 One of the metrics that's always of 20 particular interest when we're talking about brown 21 bears is the number of animals that met that trophy 22 class skull size which typically would be anything with 23 a sum of the length and width greater than or equal to 24 28 inches. During the spring season we had a total of 25 six bears that met that trophy skull size. And during 26 the fall season likewise, we had a total of six bears. 27 28 For non-sport harvest mortality and 29 other sources of mortality documented by the 30 Department, we had a total of 17 bears that were shot 31 in defense of life and property. Some of -- there were 32 four agency removal and we did have two animals that 33 were struck by vehicles and died as a consequence. 34 35 Last summer was my first go round here 36 on Kodiak. On -- as it was explained to me it was a 37 particularly busy summer in terms of human/wildlife 38 conflicts. We had a pretty -- a fair number of -- a 39 good deal of bear activity on the Kodiak road system. 40 In an effort to address some of those conflicts we 41 continue to encourage compliance with the Kodiak 42 Borough Solid Waste Management Plan as poor waste 43 management practices remain a source of bear/human 44 So anything we can do to address those is conflict. something the Department greatly supports. As part of 45 46 this effort the Department's been working with the 47 Kodiak High School students, the Kodiak Brown Bear 48 Trust and Alaska Waste to retrofit dumpsters to be bear 49 resistant and also to promote bear messenging within 50

0800 1 the community that supports some of these efforts to enhance our waste management practices. 2 3 4 Similarly the Department encourages 5 residents to secure attractants to prevent conflicts 6 with bears and encourages the use of electric fences. 7 In order to educate the public about their use Department Staff are available to provide consultations 8 9 and recommendations for permanent fencing solutions 10 around attractants like chicken coops and greenhouses, 11 fruit bearing trees, things of that sort. We're also available to inspect and troubleshoot problems that 12 folks might be having with fences that they have on 13 14 their property currently and we do also have temporary 15 fences available for use by residents in the Kodiak area here and some of our outlying communities as well. 16 17 18 In terms of survey activities that we 19 have planned for this coming year, we'll be working in 20 cooperation with the U.S. Fish and Wildlife Service to 21 conduct intensive aerial surveys this coming spring. 22 The specific area is yet to be determined as Ι 23 understand it, but Nate might be able to shed some 24 light on the specifics if need be. 25 26 Some additional education and outreach 27 activities related to brown bears. Bill Pvle had mentioned earlier the Old Harbor School program that 28 29 began -- well, Nate began and everyone else cooperated 30 with back in 2019 to develop a place based learning 31 opportunity in the community of Old Harbor that focused 32 on brown bears. We're -- the plans for the latter portion of that program have been delayed considerably 33 34 by covid, but we hope to make some progress on exhuming 35 the bear that was buried as part of that program and 36 working with the Refuge and some other cooperators to 37 get that animal re-articulated and on display with the 38 archipelago or the community somewhere. 39 40 So moving on to the Board of Game 41 proposals and by all means if anybody has questions 42 please feel free to interrupt as need be. There were a 43 total of six proposals related to brown bears that were 44 considered at the Board of Game meeting in March. They include proposal 75 through 79 and I'll just highlight 45 46 a couple of the more pertinent ones that were 47 deliberated on by the Board. All of the proposals that 48 were considered were not adopted. And of particular 49 note is proposal 77. That proposal was -- I think Bill 50

0081 Pyle mentioned it earlier, a proposal to eliminate 1 permits in the southwestern portion of Kodiak so it 2 3 would be Brown Bear Management Areas 8 through 16 in 4 response to the harvest of a female brown bear by either resident or nonresident hunters. 5 6 7 And I'm actually going to pass it over 8 to Nate to provide some clarification on what the Board 9 ultimately decided on that and the recommendations that 10 were provided to us for moving forward. 11 12 MR. SVOBODA: Sure. Thanks, Bill. So 13 Bill mentioned there was a proposal actually as 14 submitted by the Kodiak Advisory Council that would --15 the goal is to limit female harvest or prevent female harvest all together in southwest Kodiak. 16 That -- the 17 Board talked about that proposal for a little bit, but 18 ultimately came to the conclusion that the Department 19 already has the discretionary authority to implement 20 those sorts of restrictions for bear harvest. And so 21 the Board did not support that proposal, basically the 22 reason being we already have the authority to implement 23 something like that. So they didn't feel it was 24 necessary to act on it and so they didn't. 25 26 And with that I can answer any 27 questions about that particular proposal if folks are 28 interested. 29 30 Thank you. 31 32 (No comments) 33 34 Okay. Well, if -- since MR. DUNKER: there's no more -- questions on those proposals we'll 35 move on to just kind of a brief overview of harvest for 36 37 sitka black-tail deer throughout the archipelago. So 38 for regulatory year 2021 we had a total harvest of just 39 shy of 5,000 deer here withinUnit 8 which is not 40 terribly different from the five year average of just 41 over 4,500 deer. As Bill mentioned earlier we had a 42 severe winter with increased overwinter mortality in 43 2016, 2017 and again 2019, 2020. Since that time the 44 population is believed to be stable or increasing based 45 on our own observations in the field and anecdotal 46 reports that we receive from members of the public and 47 other knowledgeable local residents. So far this 48 winter conditions have been variable, but are not 49 anticipated to result in significant overwinter 50

0082 1 mortality. 2 3 There were two proposals related to 4 sitka black-tail deer at the previous Board meeting, 5 those would be proposals 73 and 74. Proposal 73 sought to implement -- maybe I got that backwards, let me 6 7 confirm. So proposal 73 as written sought to reduce the resident and nonresident bag limit for Sitka black-8 tail in the remainder of Unit 8 from three to two for 9 resident hunters and from three to one for nonresident 10 11 hunters. The Board amended that proposal to only reduce the bag limit for nonresident hunters from three 12 to one and so having adopted that those regulations 13 14 will take affect during this upcoming regulatory year, 15 2023, 2024 with no changes to the resident bag limit 16 for deer. 17 18 Proposal 74 sought to require or to 19 implement a salvage requirement wherein the edible meat 20 black-tail deer harvested on Kodiak would be of required to remain on the bone until removed from the 21 22 field or processed for human consumption. The Board 23 did not adopt that proposal for sitka black-tail deer. 24 25 I was going to move on to elk unless 26 there's any questions about those deer proposals or 27 anything else related to deer. 28 29 ACTING CHAIR SKINNER: Go ahead, Pat. 30 31 MR. HOLMES: Why was the proposal in 32 there to leave the meat on the bone? 33 34 MR. DUNKER: Through the Chair. The 35 proponent of the proposal had some concerns about 36 wanton waste within the Kodiak archipelago and that was 37 an effort to address that issue. 38 39 ACTING CHAIR SKINNER: Coral. 40 41 MS. CHERNOFF: Thank you. I was 42 wondering with the deer take do you know how many were 43 resident and how many were nonresident, how many deer 44 were taken? 45 46 Yeah, through the Chair. MR. DUNKER: 47 Let me just flip to some of my information here. Okay. 48 Yeah. All right. So the way that we presented the 49 harvest information to the Board was looking at 50

1 relative proportions just to account for some of the variability from year to year. Generally speaking 2 though we -- we've had approximately 1,000 nonresident 3 4 deer hunters on -- participate in the hunt over the 5 last five years or so with a total harvest of -- I think it was 900 deer. And then in terms of relative 6 7 proportions the total harvest attributed to nonresident hunters in the previous five year period, 2012 to 2016, 8 nonresident hunters accounted for 12 percent of the 9 10 deer harvested during that time period as compared to 11 the most recentfive year period where wesaw nearly a --12 that nearly double to 23 percent of the total harvest 13 during that five year period. We did document an 14 increase in participation and a relative increase in 15 the harvest by nonresidents. 16 17 MS. CHERNOFF: And was this -- this was 18 the same deck you shared, I think it was at the 19 transporter working group, is that something you -- can 20 you make that presentation available to us or at least maybe some of those slides that show over time the 21 22 change in proportion of resident versus nonresident? 23 24 MR. DUNKER: Yeah, thanks for bringing 25 that up. So all of the meeting materials from the 26 Board of Game meeting are available on the Fish and 27 Game website. That'll include all of the Department's 28 analysis and recommendations, the original proposals as 29 well as all of our presentations and the information 30 that we shared with the Board. So I believe when 31 you're looking for it all the Kodiak stuff would be 32 under RC4 on the Fish and Game website under the 33 meeting information for the Soldotna Board of Game 34 meeting. 35 36 MS. CHERNOFF: Thanks. 37 38 ACTING CHAIR SKINNER: Further comments 39 or questions. 40 41 MR. HOLMES: I know that's on the..... 42 43 ACTING CHAIR SKINNER: Go ahead, Pat. 44 45 Thank you, MR. HOLMES: Excuse me. 46 Madame Chair. But I heard that there was guite a 47 conflict with local folks feeling that the outfitters 48 were squeezing into their turf and making it more 49 difficult for them to harvest. Was that part of the 50

0084 1 whole background on this argument and discussion on bag limits? 2 3 Through the 4 MR. DUNKER: Thank you. 5 So we were able to kind of hear from the Chair. 6 proponent of the proposal at the Kodiak Advisory 7 Committee meeting. And he indicated as such that this was an effort to address some of those user conflict 8 9 issues. 10 11 MR. HOLMES: Thank you. 12 13 MR. DUNKER: So moving on to our 14 roosevelt elk population. For harvest during the 15 previous regulatory year, RY 2022, we had a total harvest of 123 elk from the Afognak and Raspberry 16 17 Island populations collectively. This included 71 18 males and 52 females. That 123 total animals is above 19 the previous five year average of a hundred elk and 20 increase in harvest reflects that our current 21 understanding of the population. 22 23 We completed surveys in the summer of 24 2022 during which time we observed a little over a thousand elk which is the largest number of animals 25 26 observed in the population since roughly the mid '80s. 27 Our information suggests the population is stable to slightly increasing and we believe the total population 28 29 is estimate at roughly 1,200 elk. 30 31 And looking at some of the composition 32 information that we gain from those surveys and a lot of this stems from what's been done previously and 33 34 hopefully we've improved on that a little bit. We've 35 implemented a protocol for our surveys this summer in 36 which we were photographing the herds of elk that we 37 observed. That allowed us to get both a count and a 38 composition in real time, but then go back, analyze 39 those photos and hopefully get a more precise understanding of the composition of individual groups. 40 41 And that seemed to be both a timesaver in the field as 42 well as improve the accuracy of our estimates. And 43 given the total number of animals that we observed 44 we've got a great deal of confidence in the composition metrics that we were able to estimate during the 2022 45 46 survey. And so looking at our calf/cow ratio it was 47 estimated at 41 calves per hundred cows which is pretty 48 hiqh for Afognak, but comparable to other elk 49 populations elsewhere. Similarly we had a bull/cow 50

1 ratio estimate of 33 bulls per 120 or excuse me, per 2 100 cows in 2022 which is above the five year average 3 estimate of 22 bulls per hundred cows. And both of 4 these metrics are good indicators that the population 5 is healthy.

7 Looking at the Board of Game proposals 8 related to elk, there were five proposals deliberated on by the Board. This included proposals 69 through 72 9 10 and then proposal 209. The Board ultimately adopted 11 proposal 70 with an amendment to strike the nonresident 12 -- well, let me explain the proposal first I suppose. 13 Proposal 70 was a Department proposal, it sought to 14 modify the Raspberry Island hunting season for 15 antlerless elk from a draw permit to a registration permit in order to provide for additional opportunity 16 and increase the level of antlerless harvest on 17 18 Raspberry Island. The Board amended the proposal to 19 eliminate the nonresident portion of that season and 20 make it a resident only registration permit hunt. The 21 nonresident opportunity will continue to be administered for the antlerless elk hunt as a draw 22 23 permit.

25 71 and 72 were proposals seeking to 26 establish archery only elk hunts on the southwest 27 portion of Afognak and on Raspberry. The Board did not 28 adopt either one of those permit or proposals rather. 29

30 And then proposal 209 was a Board 31 generated proposal that sought to reallocate four 32 permits from each of four draw elk permit hunt areas, DE 715, 717, 721 and 723 to resident registration 33 34 permit hunts with limited permit availability. So 35 those draw permit hunts currently take place in what's 36 known as the remainder of Afognak and the eastern 37 portion of Afognak Island. Like I said the Board 38 adopted this proposal and those permits will become 39 available first come first serve and they'll only be available in the communities of Ouzinkie and Port 40 But this hunt won't begin until the fall of 41 Lions. 42 2024, that'll be the first opportunity for folks --43 resident hunters to pick up permits in those communities for that hunt. They provided some further 44 clarification on their directive to the Department as 45 46 we plan to administer those hunts. One being that each 47 hunter that attempts to pick up one of those permits 48 can only get one permit and that those permits will be 49 available three business days prior to the start of the 50

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0086 1 hunt. 2 3 Does anybody have any guestions about 4 elk or any of the registration permit hunts that I 5 mentioned? 6 7 ACTING CHAIR SKINNER: Coral, go ahead. 8 9 MS. CHERNOFF: Did the Department of 10 Fish and Game, did you testify on that proposal being 11 either for or against or neutral? 12 13 MR. DUNKER: Sure. So, through the 14 Chair, due to the allocative nature of that proposal we 15 were neutral. We provided biological information, you know, historic harvest information..... 16 17 18 (Teleconference interference 19 participants not muted). 20 21 MR. DUNKER: .....and then information 22 about the number of applicants or applications received 23 for those different draw permit hunts. 24 25 ACTING CHAIR SKINNER: All right. Any 26 other questions or comments. 27 28 (No comments) 29 30 MR. DUNKER: Thank you. So moving on 31 to mountain goats. We provided sort of -- I know Bill Pyle had some preliminary harvest information included in the Refuge report. I just ran the numbers this 32 33 34 morning to get our most up to date seeing as we had 35 goat hunts running through to the end of March in the 36 RG 480 hunt area. So far we've got a total reported 37 harvest of 285 goats during the 2022 regulatory year. That included 114 goats harvested under drawing permits 38 39 and 171 goats harvested under registration permit 40 hunts. This is slightly below the previous five year 41 average of 316 goats RY '17 to RY '21. 42 43 The majority of the harvest that occurs 44 under registration permit hunt does occur in the RG 480 45 where we have, you know, very liberal seasons and bag 46 limits, but there was also a total harvest of two goats 47 from the RG 471 through 476 registration permit hunts. 48 Those are the ones where the permits for those hunts 49 are only available in certain communities throughout 50

1 the archipelago.

3 goats And similarly we had six 4 harvested from the restricted weapons hunts along the 5 Kodiak road system including the second goat ever 6 harvested from the late season restricted weapons hunt 7 that the Board adopted, was it 2019. So that's 8 noteworthy, one of two.

10 So then in terms of population 11 information working on conjunction with the U.S. Fish 12 and Wildlife Service we did complete surveys in the 13 summer of 2022 throughout the known range of the goat 14 population in Unit 8. We observed a total of 2,892 15 goats Island wide which included a little over 2,300 adults and roughly 600 kids in the population. This is 16 17 fairly consistent with what we observed in the 18 population over the last several years. Management 19 action intended to stabilize or reduce the population 20 seems to be working through the use of the -- liberal 21 seasons and bag limits particularly in RG 480. It 22 would appear that most of the goat populations 23 throughout the archipelago appear to be stable at this 24 time. The estimated proportion of kids to adults was 25 estimated during those surveys at about 24 kids per 100 26 adults.

28 In terms of the Board of Game proposals 29 that were considered at the meeting in March there were 30 three proposals related to goats. This included 31 proposal 65, 66 and 67. The Board did not adopt any of 32 those proposed regulatory changes as most of the 33 proposals were allocative in nature and counter to the 34 Department's management objectives in certain areas, 35 particularly the RG 480 hunt area where we still intend 36 to, you know, stabilize or reduce that population due 37 to some concerns over the capacity of the habitat to 38 sustain larger numbers of goats in the area. 39

40 I'll hit pause if anybody has any 41 questions about the goat proposals or population 42 information. 43

44 ACTING CHAIR SKINNER: Go ahead, Pat.

46 MR. HOLMES: Madame Chair, just for the 47 sake of the members of our Committee here, the -- many, 48 many years we had some bizarre proposals on subsistence 49 hunts for goats, but the Community Advisory Committee 50

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1 and individuals from our Council participated in a -in a study group. And so through the years they've 2 massaged the regulations to provide for opportunity for 3 4 people that live in the villages particularly on the south end of the Island where all the goats are to 5 6 allow them an opportunity to harvest goats without 7 getting into a big allocation argument. And so it seems like it's working out pretty good. Now you a few 8 9 years back increased the bag limits in 480 to two, 10 right, probably the only one of the few places or the 11 only one in the State that has that. But yet that 12 helps out the community to be able to get more, it also 13 helps out those members of the community that are 14 outfitters that work with hunters that come down, you 15 know, that need the extra guiding and whatnot. So I 16 think that this joint venture between Council and the 17 Feds and the State and the State Advisory Committee has 18 worked out quite well through the years, don't you, 19 Sam. 20 Anyway I just wanted to have that 21 22 little footnote. 23 24 MR. DUNKER: Okay. Through the Chair. 25 Thank you, Pat, I appreciate the rundown on the history 26 It's been interesting as I've gotten more there. 27 familiar with the regulatory history here on Kodiak to learn about that process. So thanks for sharing. 28 29 30 ACTING CHAIR SKINNER: Are there any 31 other questions or comments. 32 33 Coral or.... 34 35 MS. CHERNOFF: (Indiscernible - away 36 from microphone).... 37 38 ACTING CHAIR SKINNER: Or -- yeah. Is that -- do you have more? 39 40 41 MR. DUNKER: I have a few more notes to 42 touch on here if you don't mind. 43 44 ACTING CHAIR SKINNER: Okay. Thank 45 you. 46 47 MR. DUNKER: So lastly in terms of 48 caribou on the southwest portion of the Island here, we had a reported harvest of 31 caribou during the 2022 49 50

1 hunting season. This is down from an all time high of 50 in RY '17 and the previous 10 year average of 36 2 3 caribou. We do believe that that population has 4 declined to approximately 250 to 300 caribou. We 5 completed surveys in the area this past summer, past spring and we plan to participate in those again or 6 7 conduct those surveys again this coming year. 8 9 The increase in both the level of 10 interest, participation and ultimately harvest from 11 that population was a concern that Nate had expressed 12 and in order to address that the Department submitted a 13 proposal to change that from a general season hunt to a 14 registration permit hunt. That was proposal 68, it was 15 the only proposal related to caribou at the previous Board meeting. The Board did adopt that proposal to 16 17 create a registration permit for caribou in Unit 8. 18 19 The bag limit in codified will stand as 20 one bull for nonresidents and one caribou for resident 21 However due to some concerns that we have hunters. 22 about the level of productivity and the level of 23 harvest on the cow component of the population that's 24 incurred over the last four or five years we do plan to 25 administer that hunt initially with a bag limit of one 26 bull for both resident and nonresident hunters and then 27 ultimately limit harvest through emergency order closures as need be to maintain harvest at sustainable 28 29 levels moving forward. We've yet to identify the quota 30 for that particular hunt, but we hope to do so 31 following the completion of some survey and inventory 32 activities this summer to get a better understanding of 33 both overall population size as well as the composition 34 of that population. 35 36 And then lastly unless there's some 37 question about the caribou -- sure. 38 39 ACTING CHAIR SKINNER: Go ahead, Coral. 40 MS. CHERNOFF: 41 Is there a subsistence caribou hunt since I think the -- originally the 42 43 caribou -- I know they've changed hands from originally belonging to someone in Akhiok, then they've gone go 44 general State, but I was wondering if there was a 45 46 subsistence season? 47 48 MR. DUNKER: So under State regula --49 regulations there's a negative C&T finding for caribou 50

0090 1 in Unit 8. And I'm not aware of any Federal subsistence season for caribou in Unit 8 either. 2 3 4 And then lastly a couple of notes on 5 furbearer harvest over the last five years. We've got an average harvest of 59 beavers and 138 otters 6 7 annually over that period of time which is currently below -- or excuse me, that harvest is currently below 8 9 the long term average likely as a function of fur 10 prices and trapper effort. 11 12 There was one Board of Game proposal 13 related to furbearers and the Board of Game meeting. 14 It's proposal 81 which sought to require the use of a 15 breakaway mechanism on all snares deployed on the Unfortunately despite continued 16 Kodiak road system. 17 local support the Board did not adopt that regulatory 18 requirements. 19 20 ACTING CHAIR SKINNER: I have а 21 question on that. I did listen to part of the Board of 22 Game, I don't remember if I was on for proposal 81, but 23 I did hear some Board discussion about some snare 24 proposals near walking trails, I don't think it was 25 Kodiak 26 though. And I did hear a lot of I guess I'll use the 27 word resistance to putting -- I guess I would characterize it as putting more requirements around 28 But which I guess doesn't -- I don't quite 29 snares. 30 understand that. Can you give any context why there is 31 -- there seems to be a reticence to -- by the Board of 32 Game to put more restrictions I guess is the best word 33 on snares? 34 35 MR. SVOBODA: I can take that. Thanks, 36 Madame Chair. Yeah, in general the Board of Game does 37 -- just over the course of history does not not 38 implement a lot of regulations on trapping. That's 39 been a thorn in the side of many communities. As you stated you heard quite a bit of testimony likely about 40 41 trap set backs particularly on the Kenai. Despite 42 local support the Alaska Trappers Association and others has prevented the Board from passing any of 43 those regulations for the most part. However this year 44 there was a little bit of I guess headway if you will 45 46 from some of the ACs and individuals in the Homer area, 47 they did pass some trapping set backs in some areas on 48 the Kenai, I believe it was maybe parking spots and a 49 few trails, don't quote me on that because I might be a 50

0091 1 little off. But they did make some headway along with 2 that. 3 4 In this particular proposal as you guys 5 may remember, this proposal 81 that was just 6 deliberated on last week, that was pretty much 7 identical to a proposal that was submitted to the Board in 2019, that the Board actually passed and then came 8 9 back a couple days later and re-deliberated on it and 10 change their mind and opposed it. So that was pretty 11 much the exact same, almost verbatim proposal that was 12 deliberated on in 2019 and again this year and despite 13 local support and full AC support that again failed. 14 All right. 15 ACTING CHAIR SKINNER: 16 Thanks. 17 18 ACTING CHAIR SKINNER: Okay. Are there 19 any further comments or questions. 20 21 Sam and then Coral. 22 23 MR. ROHRER: Thanks. Through the 24 Chair. Just two comments. On the snare one I have a 25 feeling if all the information had been in the packet 26 that was in there in 2019 it might have passed. One of 27 the hangups was that the AC didn't put forward -- in 28 their proposal they didn't put forward recommendations 29 on what the breakaways should be, the types and some of 30 that different stuff. And I think that information was 31 all -- the AC put that information together in 2019 32 when they first ran the proposal and there were several 33 comments from Board members that they didn't reference 34 that, it was there in '19 and it wasn't now, they just 35 said hey, this information -- you know, there's a lot of unanswered questions. But the unanswered questions 36 the AC answered in 2019, they just didn't forward that 37 information when they redid the proposal. And I just 38 39 have a feeling because of some of the way Board members are starting to change their views of trapping that may 40 41 be -- it would have had abetter chance anyway. It's --42 there's probably a pretty decent chance in three year 43 it maybe passes depending on the makeup of the Board. 44 45 That -- so I wanted to make that 46 comment, but the main thing I wanted to comment on was 47 just back to proposal 77 on the eliminating the brown 48 bear permits. When a female bear's taken in the 49 southwest regions on proposal 77, I think all of us 50

0092 1 there were hoping for like a symbolic yes vote from the Board of Game and they were pretty adamant -- they were 2 3 pretty clear that, Department, we're not going to give 4 you the symbolic yes vote, but you have it in your 5 authority, do it. And in discussions afterwards the Chair was clear he said hey, this Board -- the Board of 6 7 Game has never voted -- has never -- has never voted or told the Department to do something that contradicts 8 9 its management plan. So if it's in your management 10 plan which this is, if it's in your management plan 11 then do it and you have the full support of the Board. 12 13 So it was clear that the expectation 14 was if the Department feels like they need to do this 15 then they absolutely need to do it. Even though they the proposal it wasn't like a 16 failed vote of 17 nonconfidence, it was a vote of it's in your management 18 plan, just do it and then you guys take the -- you take 19 -- if there's any pushback from the public it's on you 20 guys, not us. So there was a little undercurrent of 21 that too, but it was -- it was definitely we support 22 the Department doing what's in their management plan. 23 24 So anyway that's all. 25 26 ACTING CHAIR SKINNER: Coral. 27 28 MS. CHERNOFF: Through the Chair. Τ 29 had a question about, you know, you had mentioned waste 30 management and problems with bears. Do you have any 31 safety programs at the school since there has been, you 32 know, a few years ago there was bears around the main 33 school area, there was bears downtown here. I was 34 wondering if you guys implemented any kind of bear 35 safety -- oh, yeah, one afternoon there was a bear going up through the post office and then running up 36 37 through Aleutian Homes in the afternoon. And so Ι 38 wonder if you have any bear safety for children at the 39 schools or if you plan to have any in the safety -maybe through that brown bear organization? 40 41 42 MR. DUNKER: Thanks for the question. 43 Through the Chair. So we actually were talking about 44 this at our previous regional meeting. We talked with some of the Anchorage area Staff, they do programs in 45 46 the school pretty regularly and had some great 47 informational materials to share with us. I think --48 I'm the new guy here, but I -- it's my understanding 49 that we've done a lot of that stuff by request and I --50

1 it's certainly something that both Nate and I are happy to provide to the, you know, school groups and things 2 like that. I know there's -- we've got a program 3 4 that'll be kicking off here before too long with the Kodiak Brown Bear Trust, working with some of the high 5 school students to sort of do a bear appreciation I 6 7 quess is one way to characterize it. It encompasses, biology, physiology, behavior, safety, 8 you know, 9 there'll be a management component associated with that 10 program and that's a six or seven week program that 11 we're doing with a bunch of the high school age kids. 12 But certainly if there was an opportunity to get into 13 some of the younger age classes of students and deliver 14 that message we would be happy to do it. 15 16 ACTING CHAIR SKINNER: All right. Any 17 further comments or questions. 18 19 (No comments) 20 All right. 21 ACTING CHAIR SKINNER: 22 Seeing none and you guys are all done? 23 24 Oh, sorry. Coral, go ahead. 25 26 MS. CHERNOFF: One more question. So 27 in the past we addressed mink, do you have any report or is the mink population growing, has it seemed to 28 29 diminish? 30 31 MR. SVOBODA: Thanks, Coral. Through 32 the Chair. Actually the reports have went down, not so 33 they don't exist anymore and I wouldn't go as far to 34 say as we don't have mink on the Island anymore, but we 35 haven't had any reports this year to my knowledge. 36 Last year we had fewer than we had the year before, but 37 I wouldn't necessarily say that they're not here. 38 39 And that's kind of all the information 40 we really have on that. 41 42 MS. CHERNOFF: Through the Chair. And 43 I guess I ask because it seemed like it took a long 44 time for someone to take notice of the crayfish and 45 then there was no real plan, there was only a plan to 46 study the crayfish for quite a few years and now the 47 crayfish population is crazy. And so I'm wondering if 48 there's any plan to eliminate the mink? 49 50

0094 1 MR. SVOBODA: Thanks, Coral. Through -- through the Chair. If we discover that mink are 2 3 becoming an issue and we start seeing an uptick in 4 reports or start hearing more about them then yeah, we'll certainly address it before it gets out of hand. 5 We're just not sure one, if it's an issue and two, if 6 7 it is what the magnitude of the issue is at this point. But yeah, if it becomes a problem then we'll address 8 9 it. We don't -- we don't necessarily want mink on 10 Kodiak. 11 12 ACTING CHAIR SKINNER: Maybe we can get 13 the mink to eat the crayfish. That would be great. 14 15 (Laughter) 16 17 ACTING CHAIR SKINNER: All right. Any 18 further comments or questions. 19 20 (No comments) 21 22 ACTING CHAIR SKINNER: All right. 23 Well, thank you guys. 24 25 Okay. Next we have Unimak Caribou an 26 Vandevort with -- also with Fish and Game, Amy 27 virtually. 28 29 MS. VANDEVORT: Thank you. Through the 30 Chair. For the record my name is Amy Vandevort. I'm 31 the Area Biologist for Alaska Fish and Game out of King 32 Salmon. 33 34 Are you guys able to hear me all right? 35 36 ACTING CHAIR SKINNER: You're a little 37 bit faint. Can you -- can you keep talking, maybe we 38 can adjust the microphone a tiny bit on this end. 39 40 MS. VANDEVORT: I can try to. So today 41 I am calling in to update..... 42 43 ACTING CHAIR SKINNER: Yep, you're 44 good. 45 46 MS. VANDEVORT: .....you on caribou 47 units 9D and 10. Unfortunately there isn't a whole lot 48 to update you on, I just got up here in October. We 49 did have composition surveys scheduled for last October 50

1 however we were unable to complete them due to weather. We do have spring parturition surveys scheduled for 2 this year and we are looking forward to getting down 3 4 there to the area and doing a survey to try to get a 5 better idea on what's going on. Data from previous surveys, particularly pregnancy 6 rates, suggest increasing caribou populations for Unimak and the 7 Southern Alaska Peninsula Herd. A population increase 8 above the objective is a concern for the State due to 9 10 the population crash that have happened historically 11 when these herds have grown too large and subsequently 12 (indiscernible - distortion) and hunts had to be 13 closed. 14 15 To address this issue the State has liberalized bag limits for the 16 southern Alaska Peninsula over the past five years and has seen a 17 18 slight increase in harvest with the (indiscernible -19 distortion) until just this past year. The hunt for 20 Unit 9D goes through March 31st, but as of the most 21 current harvest data only 73 caribou have taken or have 22 been taken from the southern Alaska Peninsula which is 23 about a 25 percent decrease from regulatory year '21. 24 So this as the population is growing as it has been 25 showing -- shown in the past, a harvest of only 52 26 caribou isn't going to be enough to curb the population 27 growth. 28 29 Switching over to Unimak. Unimak's 30 caribou population estimate currently sits at 500, but 31 is still close to State caribou hunting and sees very 32 little Federal harvest since the State reopened the southern Alaska Peninsula hunt. We hope to work with 33 34 Izembek National Wildlife Refuge to try to develop 35 effective strategies keep Unimak and the Southern Alaska Peninsula Herd at sustainable levels to try to 36 37 avoid a crash and subsequent closures. 38 39 So that's all I've got for a update. If anyone has any questions I'd be glad to try to 40 41 answer them. 42 43 ACTING CHAIR SKINNER: All right. 44 Thanks. Are there any questions or comments. 45 46 MADAME CHAIR TRUMBLE: Madame Chair, 47 this is Della. 48 49 ACTING CHAIR SKINNER: Go ahead, Della. 50

0096 1 MADAME CHAIR TRUMBLE: Is -- are there any documents in this paperwork that you're referring 2 to in your reports or your report? 3 4 5 MS. VANDEVORT: There is not. I was 6 just forwarded the email today to give an update. So I 7 didn't get a chance to include anything in the 8 paperwork. 9 10 MADAME CHAIR TRUMBLE: And basically 11 there were no surveys due to weather. What are -- in 12 the forecasts are there any surveys forecasted to --13 for either 9D or 10? 14 15 MS. VANDEVORT: Yes. So this spring 16 towards the end of May, early June, we are scheduled to 17 go down there to do surveys, to get pregnancy rates and 18 see what we can find as far as total numbers. And then 19 we'll also try to -- part of our management plan is to 20 go out there next October as well and do another count 21 to get a bull to cow ratio and calf to cow ratio. 22 23 Thank you. 24 25 MADAME CHAIR TRUMBLE: And just maybe 26 for reference as far as harvesting caribou. I know people 27 have tried to get out from here to (indiscernible - distortion) but the weather has been 28 29 not so great this winter for us. I think it hasn't 30 been cold and windy and a lot of snow, but it just 31 seems to be a lot of -- a lot of high winds and rain. 32 33 MS. VANDEVORT: Okay. 34 35 ACTING CHAIR SKINNER: All right. Pat. 36 37 MR. HOLMES: One brief comment. Ι forget if it was ADF&G or your Federal colleagues, but 38 39 it sounded like when they have been able to complete surveys there on Unimak that the -- they noticed that 40 41 the cows have adapted to the predation from bears and 42 have moved up to I think the highlands and up in the --43 up in the hills, higher up on the mountain, the 44 volcano, to avoid predation and that they don't seem to 45 be calving in groups like they would on the Peninsula or other areas. Is that -- was that a correct 46 47 observation? 48 49 MS. VANDEVORT: That is what I have 50

0097 1 read in previous memos and reports. I haven't been down there yet to observe it, but that is what has been 2 3 reported. 4 5 ACTING CHAIR SKINNER: All right. Any 6 other further questions or comments. 7 8 (No comments) 9 10 ACTING CHAIR SKINNER: Okay. Seeing 11 and hearing none, thank you. Thank you for that 12 report. 13 14 We'll go ahead and move on to the..... 15 16 MS. VANDEVORT: All right. Thank you. 17 18 ACTING CHAIR SKINNER: All right. 19 Thanks. We'll move on to the next agenda item which is 20 13d, wildlife closure reviews, crossover with Bristol 21 Bay RAC. This will be Kendra Holman, OSM Wildlife. 22 23 MS. HOLMAN: Good morning -- afternoon. 24 So I am going to start with a little bit of information 25 here regarding the closure review process. Again for 26 the record this is Kendra Holman, I'm a Wildlife 27 Biologist with the Office of Subsistence Management. 28 So in August of 2020 the Board approved a revised 29 closure policy which stipulated all closures will be 30 reviewed every four years. This policy has also 31 specified that closures similar to regulatory proposals 32 will be presented to the Councils for recommendations and then to the Board for final decision. Previously 33 34 closure reviews were only presented to the Councils who 35 then decided whether to maintain the closures or submit 36 a proposal to modify or eliminate. However regulatory 37 actions on closure reviews are limited to retaining, 38 rescinding or modifying the closure. Actions such as changing the season, 39 harvest limits, delegating 40 authority to in-season managers are outside the scope 41 of closure reviews. To this end closure review 42 analyses are being presented to the Councils now during 43 the call for wildlife proposals to inform your decision on whether or not to submit a proposal addressing the 44 closure that is outside the scope of the closure review 45 46 such as changing the limits or seasons. 47 48 This is not an action item, it is 49 informational. However if the Council does decide to 50

1 submit a proposal to address the closure a motion and vote is needed. The Council will make a formal 2 recommendation on the closure reviews during their 3 4 fall, 2023 meetings and the Federal Subsistence Board 5 will take action on the closure reviews in April of 6 2024. 7 8 Before I proceed with the summary of 9 the analysis are there any questions on this new 10 process? 11 12 ACTING CHAIR SKINNER: Yeah, thanks. I 13 just want to clarify this is a new process, but this is 14 pretty much identical to what we just did for the 15 fishery closure reviews, right? Okay. I'm seeing So this is being presented as new, but we just 16 nods. 17 went through this for like the last four years with the 18 fishery closures. 19 20 So thank you. 21 MS. HOLMAN: Okay. 22 So again for the 23 record this is Kendra Holman and I'm a Wildlife Biologist with the Office of Subsis -- Office of 24 Subsistence Management. Getting tongue tied here. 25 26 This proposal can be found on Page 32 of your meeting 27 book and a map of the location can be found on Page 33 28 of your meeting book. This is WCR 24-04 and 06. 29 30 The Unit 6 or excuse me, the Unit 9C 31 remainder, Federal public lands are closed to caribou 32 hunting except by residents of Unit 9C and Egegik and Unit 9E, Federal public lands are closed to caribou 33 34 hunting except by residents of 9E, Nelson Lagoon and 35 Sand Point. 36 37 Prior to 1999 four caribou was the harvest limit for Unit 9C remainder and 9E remainder. 38 39 In 1999 the Board considered three proposals that were 40 adopted with modifications resulting in the closure of 41 Federal public lands withinUnit 9C remainder and all of 42 Unit 9E to caribou harvest by residents -- except by 43 residents of Unit 9C and 9E. And the State established a tier two harvest system at this time. In 2002 the 44 Board approved allowing designated hunter permits in 45 In 2005 the Board considered two 46 units 9C and 9E. 47 special actions closing caribou hunting on Federal 48 public lands in Unit 9C remainder and Unit 9E for the 49 2005/2006 regulatory year following the rapid decline 50

of the North Alaska Peninsula Caribou Herd and the 1 State closure of the tier two system. The Board then 2 adopted proposal WP 06-22 closing Federal season for 3 4 caribou in these units. In 2011 and 2015 the Council reviewed Federal public land closures and voted in 5 6 favor of maintaining these closures. 7 8 In 2016 the Board reviewed a proposal 9 establishing a may be announced season and delegating 10 authority to open and close the season, set quotas, any 11 permit requirements and conditions, harvest limits, set 12 the Alaska Peninsula/Becharof sex restrictions to 13 National Wildlife Refuge. This modification was 14 adopted by the Board, reduced the pool of eligible 15 subsistence users on Federal public lands in Unit 9C remainder and residents -- to residents of 9C --Unit 9C 16 and Egegik on Federal public lands in Unit 9E to 17 18 residents of Unit 9E, Nelson Lagoon and Sand Point. 19 20 In 2018 the Board approved a proposal 21 that was requested caribou season in Unit 9C, north of 22 the Naknek River be changed and a harvest limit set 23 a modification to create a new hunt area. with 24 Removing a portion of 9C and the 9 --Unit 9C remainder. 25 This Board action effectively shifted the regulatory 26 emphasis within the new area from the North Alaska 27 Peninsula Herd to the Mulchatna reflecting current 28 distribution patterns of the two herds. The State took 29 similar actions at this time. 30 31 In 2020 the Board reviewed this closure 32 retaining only the portion in units 9C remainder and 9E because that is where the North Alaska Peninsula 33 34 Caribou Herd continued to have low population count and 35 insufficient recruitment. Generally speaking the herd 36 occupies 9C and 9E from the Naknek River in the north 37 of -- in the north to Port Moeller in the south. Ιt has varied considerably in size over the last century 38 39 ranging from approximately 2,000 during the population lows to approximately 20,000 during these population 40 41 highs. These fluctuations in population size have been 42 accompanied by shifts in distribution and movement 43 patterns likely do impacts of population size and 44 habitat quality. 45 46 In recent years the population has 47 shown a positive growth trend and is estimated to be 48 approximately 3,800 caribou as of 2018, that can be 49 found in Table 1 on Page 38 of your meeting books, but

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1 it remains well below the State's population objective 2 of 12,000 to 15,000 caribou. The bull to cow ratios 3 have shown an increasing trend and local biologists 4 believe that the current bull/cow ratio exceeds the 5 management objective of 35 bulls per hundred cows.

7 The herd peaked in 1993 and has since 8 These changes correspond to population size declined. 9 and harvest restriction. In 1999 following 10 implementation of the State tier two system and more 11 restrictive Federal regulations, implementation of 12 Federal public land closure, reported harvested declined dramatically averaging just 96 caribou a year 13 14 from 1999 to 2004. This information can be found on 15 Page 42 of your meeting book in Table 4. Legal harvest 16 ceased in 2005 following State and Federal hunting 17 Federal and State seasons were season closures. 18 reestablished in 2016. Since then the State reported 19 harvest has average 52 caribou annually all of which 20 were taken by local users. This information can be found on Tables 4 and 5 on Page 42 of your meeting 21 22 book. And on average harvest was 84 percent bulls, 60 23 percent of reporting hunters were successful. Nearly two-thirds of the total were taken between December and 24 25 April with September and December being the two most 26 popular months. In Table 2 on Page 40 of your meeting 27 book you can find the pre 2016 caribou harvest 28 information for Unit 9C remainder and 9E. On Page 41 29 on Table 3 you can find the same information for 2016 30 through 2018.

32 The herd remains a population of concern in Unit 9C remainder and Unit 9E. Although 33 34 this population has shown recent improvement in 35 population size as well as bull/cow ratios and calf/cow 36 ratios, it remains well below the established 37 population size objective. The current management approach which includes the State's tier two hunt 38 39 limiting harvest on Federal public lands to those with recognized customary and traditional use 40 of the And a harvest 41 resource and direct dependence on it. 42 quota managed by emergency actions -- emergency orders 43 and special actions appear to be effective in allowing 44 harvest while supporting population growth. Consequently retaining the Federal public land closure 45 46 in Unit 9C remainder and 9E is appropriate and likely 47 offers the best opportunity for both continue --48 continuation of subsistence uses and recovery of the 49 herd.

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0101 1 At this time the OSM preliminary 2 conclusion is to retain the status quo. 3 4 Madame Chair, members of the Council, 5 I'd be happy to address any questions. 6 7 ACTING CHAIR SKINNER: All right. Are 8 there any questions or comments. 9 10 Pat, go ahead. 11 12 MR. HOLMES: Yeah, I wonder if you've 13 observed any increase or predation or what -- what's 14 holding things down, is it habitat or what? 15 16 MS. HOLMAN: Through the Chair. Τ 17 myself do not know, I have not seen the reports from 18 those doing the surveys exactly to have that 19 information. I can look into it and see if there's any 20 answers I can get back to you with. 21 22 MR. HOLMES: That would be swell. 23 Thank you. 24 25 ACTING CHAIR SKINNER: Sam, go ahead. 26 27 MR. ROHRER: Through the Chair. So 28 just to be clear again the status quo is the may be 29 announced language, correct, where there -- it's not an 30 open season, but the -- the manager -- it's delegated 31 authority to the Refuge Manager, can be opened if 32 certain composition -- if certain counts are at certain 33 levels and depending on the composition; is that 34 correct? 35 36 MS. HOLMAN: Yeah. So at this time 37 both may be announced with that these two are delegation of authority. And closed to the certain --38 39 closed to those who don't have a C&T those in -- within 40 those units as well as the two villages that are listed 41 after each. 42 43 ACTING CHAIR SKINNER: Go ahead. 44 45 MS. GREDIAGIN: Yeah, Lisa Grediagin 46 for the record. And these are closure reviews. So we 47 are only talking about the closure itself. So when we 48 say maintain status quo that is to maintain the closure 49 as it exists. So it has nothing to do with the season 50

0102 1 or harvest limit, it only has to do with the closure 2 itself. 3 4 ACTING CHAIR SKINNER: Okay. But I 5 think what we're trying to understand is what the closure is because doesn't the closure allow some 6 7 harvest by some people? So I think that's a fair question to understand what is allowed. 8 9 10 MS. HOLMAN: Yes. So -- for the record 11 this is Kendra. So right now the closure is -specifically I will -- the close -- so the closure, Unit 12 13 9C remainder. Federal public lands are closed except 14 to residents of Unit 9C and Egegik. Unit 9E is --15 Federal public lands are closed except by residents of 16 9E, Nelson Lagoon and Sand Point. 17 18 MR. ROHRER: Okay. Thanks. 19 20 ACTING CHAIR SKINNER: And, Della or 21 Rick, do you have guys have any questions or comments, 22 I just want to make sure I'm checking in since you guys 23 are on the phone and I can't see around the table. 24 25 Thanks. 26 27 MADAME CHAIR TRUMBLE: This is Della. 28 I don't have any comments. I do know that Sand Point 29 was included on this because historically many years 30 ago they did hunt caribou in that area. 31 32 ACTING CHAIR SKINNER: All right. 33 34 MADAME CHAIR TRUMBLE: But I don't have 35 any questions. 36 37 ACTING CHAIR SKINNER: Okay. I'm not 38 seeing any other questions or comments. This is the 39 beginning of the wildlife proposal cycle so this is mostly at this point being presented to remind us that 40 41 these closures are in place and if we wanted to do 42 something different we or the public would need to 43 generate an actual wildlife proposal. 44 45 MS. HOLMAN: This is Kendra for the record. Yes, that's exactly the purpose of this is to 46 47 give -- get this information out so that if proposals 48 are desired they can be made since this is the time to 49 make them. 50

0103 1 ACTING CHAIR SKINNER: All right. I'm 2 not seeing any other questions or comments. 3 4 So thank you. 5 6 MS. HOLMAN: I'm the next one too. 7 8 ACTING CHAIR SKINNER: Okay. Great. 9 And we're moving on to -- let me check this off of my 10 agenda, agenda item 13e which is call for Federal 11 wildlife proposals and again this will be Kendra Holman 12 with OSM Wildlife. 13 14 MS. HOLMAN: Good afternoon again. For 15 the record this is Kendra Holman, Wildlife Biologist with the Office of Subsistence Management. So now is 16 17 the call for wildlife proposals and the Council's 18 opportunity to submit proposals to change Federal 19 subsistence wildlife harvest regulations. An 20 information flyer on how to submit a proposal to change 21 Federal subsistence regulations can be found on Page 48 22 of your meeting book. Proposals need to include the 23 regulation you wish to change, the specific changes you 24 are proposing, an explanation of why the regulation 25 should be made and any additional information that may 26 help in evaluating the proposed change. The window to 27 submit proposals opened February 27th and closes April 28 12th. The Council can vote to submit proposals during 29 this meeting and your Council Coordinator will then 30 officially submit it. Also the opportunity for 31 Councils to submit proposals is available during this 32 entire meeting so if a Council member thinks of a proposal later on in response to another agenda item 33 34 they're welcome to suggest submitting a proposal then. 35 Of course anyone can submit a proposal as an individual 36 before the submission window closes. 37 38 Thank you, Madame Chair. I'm happy to address any questions about this process and will stand 39 by while the Council discusses possible proposals to 40 41 submit. 42 43 ACTING CHAIR SKINNER: All right. 44 Thanks. Are there any questions. 45 46 (No comments) 47 48 ACTING CHAIR SKINNER: Okay. Did 49 anyone have any discussion or thoughts for wildlife 50

0104 1 proposals that the Council might want to consider. 2 3 (No comments) 4 5 ACTING CHAIR SKINNER: All right. I am 6 not hearing any. And if the Council itself doesn't 7 doesn't generate proposals any individual can submit a 8 proposal individually. 9 10 (No comments) 11 12 ACTING CHAIR SKINNER: Okay. Thank 13 you. 14 15 MS. HOLMAN: Correct. And again that 16 close date is April 12th. So any individual who wishes 17 to submit needs to do it before that April 12th closing 18 date. 19 20 ACTING CHAIR SKINNER: All right. 21 Thank you. Moving along. The next agenda item is 13f, the 2021 Council charter review. And I will hand it 22 23 over to Lisa. 24 25 MS. HUTCHINSON-SCARBROUGH: Yes, thank 26 -- thank you, Madame Chair, members of the Council. So 27 your Council charter, the -- your Council 2021 charter can be found on Page 121 in your Council meeting books, 28 29 it's at the very back. So all of the 10 Subsistence 30 Regional Advisory Councils were chartered under the 31 Federal Advisory Committee Act. Under the Act each 32 Council charter needs to be renewed each two -- every 33 two years. So approximately a year before it is renewed each Council can have a discussion to see if 34 35 there's anything you want to change. Most of the language currently in the charter is required by the 36 37 Federal Advisory Committee Act and its implementing 38 policies so you cannot request to change this language. 39 But you can request to make minor modifications to such things as the name of your Council, the number of seats 40 41 on your Council, the name of the Advisory Committee, 42 the estimated number of or frequency of meetings and 43 adding the language on desired geographic membership Any type of these requests must be 44 balance. accompanied by a detailed justification of the need to 45 46 make these modifications. 47 48 So more specifically speaking regarding 49 membership balance that is a balance that would allow 50

1 the Council to achieve a more equal representation of members across the region. But even if you have this 2 3 type of language added to your charters, in the end it 4 will depend on the number and diversity of the 5 applications that the Board receives from your region. So for example your Council has added a geographic 6 7 membership balance to indicate that their goal is to have -- your goal is to have four members from the 8 9 Kodiak Archipelago, three from the Alaska Peninsula and 10 three from the 38 Aleutian/Pribolof Islands. Because 11 that region is so spread out the Council -- your 12 Council wanted to state that having broader geographic 13 representation is a value to you. The Western Interior 14 Council added similar language. 15

16 We had other changes made to the 17 charters over the last four years. The language on 18 quote, carryover terms, unquote, have been added which 19 allows the Council members to continue to serve on the 20 Council if a new round of appointments have not been 21 made before the winter Council meeting. Another 22 language that was added was a clause on out of cycle 23 alternate appointments that allows us to fill a seat 24 out of cycle that was vacated due to a member moving 25 out of the region, resigning or passing away. These 26 two language additions allows us to have less vacant 27 seats on the Council during our meeting cycles.

29 So if the Council is satisfied with 30 your charter provision as is and requests no change, then the Council can just simply vote to forward the 31 32 charter to the Board. If your Council wants to make a 33 request for modification and provide justification then 34 your Council Coordinator, myself can provide it to the 35 InterAgency Staff Committee for review and then it in turn will be provided -- this request to the Federal 36 37 Subsistence Board that will then review it and if 38 decided will move it forward to the Secretary of the 39 Interior and Agriculture for their approval. Not an 40 easy process.

So anyway, Madame Chair, members of the Council, that's essentially the background on the charter. And if you want to look at your charter, if there's any other changes you see or if you think it's fine we can just vote to accept it.

47 Thank you.
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49 ACTING CHAIR SKINNER: All right. Are

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0106 1 there additional comments or discussion points on our charter from Council members. 2 3 4 Chris, go ahead. 5 6 MR. PRICE: Thanks. It's important 7 that we do review this charter and I appreciate the work by the OSM to keep us operating in a ethical and 8 9 highly organized manner. And it's been really good to 10 work with you guys this ways. 11 12 The only one thing that I -- you know, 13 when they -- we had such a really important youth 14 representation at the full Board meeting and Kasaan --15 if you guys were there, Kasaan and Ketchikan sent members of their school. There must have been maybe 10 16 17 students that came to the meetings and they testified 18 and they incorporated the work of the subsistence group 19 in their region into their school curriculum and their 20 teachers and their principal and their school board had 21 adopted this policy of training their youth. And it 22 was really impressive and I -- and I want us to not 23 forget about our youth and I don't know how to do that. 24 I know that this regulation is going to prevent us for 25 having any members outside of the region that are not 26 within the region. But there was some conversation 27 that different regions could have a youth -- maybe appointed youth advisor for every region. 28 And so I 29 don't know if that's possible, but I would like to 30 figure out ways to avoid more youth. And unfortunately 31 many youth who grew up say in Anchorage, but their 32 historical community would be St. Paul or Atka, they've 33 been removed from their community, but they still have 34 a passion for subsistence and the culture and their way 35 of life that they would like to participate in. And 36 I'm trying to give them advice like how do -- how are 37 we going to help them get that. I think one way is 38 through these Regional Advisory Councils. And so if --39 as you guys are thinking it, OSM Staff, as you guys think about these things when you meet together 40 41 Statewide, if there's a way to involve youth in the 42 RACs I would really like to see if there's a way to 43 somehow provide that opportunity even if you're not 44 living in the region, but you have historical ties. 45 46 Thank you. 47 48 MS. HUTCHINSON-SCARBROUGH: Madame 49 Chair. 50

0107 1 ACTING CHAIR SKINNER: Go ahead, Lisa. 2 3 MADAME CHAIR TRUMBLE: Madame Chair --4 oh, go ahead. 5 6 ACTING CHAIR SKINNER: I'm sorry. Go 7 ahead, Della, and then we'll hear from Lisa. 8 9 MADAME CHAIR TRUMBLE: I -- Lisa's 10 probably going to tell you exactly what I'm going to 11 say that -- well, in regard to what Chris just stated. 12 The -- you can be a RAC member, but you have to be a 13 resident within the region you represent, a resident 14 from the region that you represent. So I don't see I 15 think how that would -- how that would work. I think if it's something that your tribe is allowing to pay 16 17 for students to attend is because they want to learn 18 maybe even the Statewide meeting or just sitting in on 19 these meetings, that might be okay, but I just -- I 20 that worked because I don't see how know what 21 regulation is or the requirement is for you to be a RAC 22 member. 23 24 ACTING CHAIR SKINNER: Lisa. 25 26 MS. HUTCHINSON-SCARBROUGH: Yes, Madame 27 Chair. And -- Madame Chair, Madame Chair. I guess, Della, that -- well, that is true to be a RAC member 28 29 you do have to be a resident of the community that 30 you're serving. Some people do have dual residence in 31 other places, but the main place where they get their 32 check and their -- where they vote and everything has to be the -- that -- the communities within the region 33 34 so it would have to be within the Kodiak/Aleutian 35 region. 36 37 However one thing I did want to say is 38 a couple of other Councils have added youth seats or 39 not a seat, but a -- and I might have actually some other OSM -- maybe, Katya, if you're onboard if you 40 41 could talk a little bit more about that because I think 42 they have been able to add that to their Council 43 charter at least wanting to have some youth present at 44 the meetings. And like so -- Katya, are you available 45 to talk? 46 47 MS. GREDIAGIN: I don't think she's 48 If you don't get a mess -- I mean, I can online. 49 speak. 50

0108 1 MS. HUTCHINSON-SCARBROUGH: Do vou 2 know? Okay. We're going to have Lisa speak. 3 4 Thank you. 5 6 MS. GREDIAGIN: Yeah, this is Lisa 7 Grediagin for the record. And just -- I know I was at the Southeast Council meeting and that Council asked to 8 amend their charter to add a youth like developmental 9 10 seat and so it would be a nonvoting Council member. 11 They didn't say member, they found another word so it wouldn't be confusing, but basically it would still 12 need to be a youth that lived within that region. But 13 14 it was their effort to try and get more youth 15 representation and give that youth experience in, you know, the Council process, but they wouldn't actually 16 be a voting member, they would just participate in 17 18 meetings and listen and provide input. And basically 19 they're requesting it to put in their charter as an 20 amendment, but it's unclear, you know, whether the 21 Board will approve that and then I think it has to go forward from the Board to like the Secretaries to 22 23 approve as well. 24 25 But anyway I just wanted to let you 26 I know that Southeast Council asked for know that. 27 that charter amendment and maybe Eastern Interior too I think. So yeah, I mean, we can get more details from 28 29 other people that know if this Council is interested in 30 doing that as well. But since we're on the charter 31 review and amendments agenda item this might be an 32 appropriate time to consider something like that about 33 a youth representative. 34 35 ACTING CHAIR SKINNER: Coral, Pat and 36 Sam. 37 38 MS. CHERNOFF: Through the Chair. 39 Lisa, I don't see anything -- I assume that you have to be 18 to be on here, but is there anything that 40 41 specifies that you have to be 18 or an adult to be on 42 here? 43 44 MS. GREDIAGIN: Yeah, through the 45 I think that's the case. I know there -- with Chair. 46 other Councils there was some discussion on what youth 47 means and I think that youth -- the other Councils 48 define it as like 18 to 25 versus less than 18. 49 50

0109 1 MS. CHERNOFF: I'm just asking does our charter specify that you have to be 18 to be on the 2 3 Council. 4 5 MS. HUTCHINSON-SCARBROUGH: Robbin, are 6 you online? Ask our Policy Coordinator if she happens 7 to be online. 8 9 MS. LaVINE: Hello, Madame Chair. 10 Through the Chair. I am online and multitasking. Can 11 you please state the issue again, it sounds like youth 12 participation. 13 14 ACTING CHAIR SKINNER: No. Hey, 15 Robbin, this is Rebecca Skinner. The question is is there a requirement that you have to be 18 to serve on 16 17 a RAC, 18 or older. 18 19 MS. LaVINE: I would defer to our 20 Council Coordination lead who's more familiar with the 21 FACA requirements than I and that's Katya Wessels. And if Katya isnot listening that's something thatwe can --22 23 I can confer with her today and get back to you maybe 24 first thing in the morning or before the end of your 25 meeting today. I do seem to recall some prohibition 26 and for -- you know, for -- you know, age limits. And 27 I think there was some discussions about nonvoting 28 members and other requirements for certain age ranges. 29 But I need to confer with our FACA specialist. 30 31 Thank you, Madame Chair. 32 33 ACTING CHAIR SKINNER: Okay. Thank 34 you. We will just wait to hear back. And again the 35 question is just do you have to be 18 years or older to 36 serve on a RAC. 37 38 All right. Pat and then Sam. 39 I'd like to toss out a 40 MR. HOLMES: 41 philosophical approach or comment on this. You can 42 have younger folks involved, but if they don't know 43 what we're doing and how and why then you're getting one person and then who do they reflect of in their 44 45 community and age group. I would suggest that we 46 consider as individuals in our own communities is to 47 talk to the local school board, see what they think, 48 see if they have anything going. We used to have in 49 Kodiak a really dynamite young lady that was the 50

0110 1 fisheries advisor and she had a whole fisheries instruction program, taking kids out, doing survey work 2 3 with the Department locally in the Bay and all sorts of 4 things. She had -- she would come to the Fish and Game 5 Advisory Committees and -- meetings and I don't think she ever brought them to our Council, but I think we 6 7 need to approach the communities and see if they have someone that could help facilitate that so that we can 8 9 educate and so that we can have some young folks here 10 from Kodiak schools, from the high school, and tribal, 11 whatever, but so that they understand so they can come 12 and learn. Develop -- we need somebody to help us 13 develop a learning program. And then after we have a 14 learning program going in the communities then that 15 would be a way to draw in someone from that group that might be a leader, you know. 16 I could see Sam doing 17 this 30 years ago because he'd be gung ho. But, you 18 know, to -- I think maybe one of my sons might have, 19 but the other one would have said (indiscernible). 20 21 So I think we need to develop a concept 22 and sell it to the community and then try to bring that 23 back in so that if there's already somebody doing that 24 then that would be great, but I think that would 25 increase youth involvement in perhaps a different way. 26 27 ACTING CHAIR SKINNER: Sam. 28 29 MR. HOLMES: Madame Chair. 30 31 ACTING CHAIR SKINNER: Sorry. Sam, go 32 ahead. 33 34 Yeah, through the Chair. MR. ROHRER: 35 I'll just be I guess second what Pat said. I think 36 that's a great idea, reaching out to the schools and, 37 you know, if there's a -- if there's a class -- I know 38 from time to time they have Alaska history classes or 39 Alaska civics classes or whatnot and that would be a 40 perfect group to encourage them to, you know, do part 41 of their class in here, just listening, learning how wildlife are man -- wildlife -- fish and wildlife are 42 43 managed in Alaska. So something along those lines 44 would be my recommendation. 45 46 Thanks. 47 48 ACTING CHAIR SKINNER: All right. Ι 49 have a couple of comments, but first I've been handed a 50

0111 1 note that Katya is on the phone now. 2 3 So, Katya, the guestion we were trying 4 to get answered is whether there is a requirement that 5 an individual has to be 18 years or older to serve on 6 the RAC. 7 8 MS. WESSELS: Thank you, Madame Chair. 9 For the record Katya Wessels with OSM. In order to 10 serve on the RAC I believe yes, they have to be legal 11 adults. But other Councils, they are requesting to 12 change their charter to have a developmental, nonvoting 13 seat for youth or young adults. Different Councils 14 worded it differently. So it's a request, you know, of 15 course it will be up to the Secretaries of the Interior and Agriculture if that's approved and to the Board 16 17 first to discuss it and forwarded to the Secretaries. 18 But that's kind of a common feeling I think across many 19 Councils that they would like to involve more younger 20 people in the Council work. They would like, you know, 21 to teach younger people about the Federal regulatory 22 process and how to navigate it, they would like to 23 teach the younger people, pass the knowledge to them of 24 the use of subsistence resources. 25 26 So, you know, it is possible for the 27 Council to request, you know, either like increase the youth participation just as a general request, but, you 28 29 know, you can like include it in a letter or in your 30 annual report or, you know, additionally you can ask if 31 you choose to have a developmental seat on the Council, 32 nonvoting developmental seat. And if that's approved, 33 you know, our program will pay for the travel to the 34 meeting just like we pay for yours. But of course I 35 cannot guarantee that it's going to get approved. 36 37 Thank you. 38 39 ACTING CHAIR SKINNER: All right. 40 Thank you, Katya. So I have a couple of comments, but 41 I have a question for the RAC. I'll go ahead and state 42 my question first and people can think about it while 43 I'm making my other comments. So if we want to propose 44 to add language addressing this into the charter we'll 45 need to come up with that language. So if we're going 46 to do that I would suggest that we table the charter 47 approval until tomorrow because I think it is going to 48 take time to develop language. The other option is to 49 not try to amend the charter this year, we can always 50

0112 1 include these comments in a letter or in an annual report. We have lots of ways of conveying this desire 2 and then look at amending the charter the next time it 3 4 comes in front of us in one or two years. My sense is that -- at least for me, I think we're going to need 5 more time to work on this than just this afternoon. 6 7 But I will let the Council think about that while I 8 make my other comments. 9 10 I like the idea.... 11 12 MS. WESSELS: Madame Chair. 13 14 ACTING CHAIR SKINNER: What was that. 15 16 MS. WESSELS: Sorry. Madame Chair. 17 18 ACTING CHAIR SKINNER: Yes, go ahead. 19 20 MS. WESSELS: Yeah, this is Katya again. I -- I'm sorry to interrupt you. I just wanted 21 22 to mention to you that you really don't need to develop 23 the language, exact language for the charter, you're 24 just developing the request and provide justification 25 for your request. Because in the end it's the lawyers, 26 the attorneys for Department of Interior who develop 27 the language, the exact language to be included in the 28 charters. So if you just want to take this information 29 for consideration. And we next review the charter will 30 come in two years, so '23, the next charter review will 31 be in '25. 32 33 Thank you. 34 35 ACTING CHAIR SKINNER: Thank you. And, mean, we really do need to have more 36 Katya, I 37 discussion about what we would need to include in the charter. It may not be developing the specific final 38 39 language, but we need to develop the idea and that 40 absolutely needs to be done before we attempt to change 41 the charter. 42 43 So as I was saying.... 44 45 MS. WESSELS: Yeah. Thank you. 46 47 ACTING CHAIR SKINNER: .....I do like 48 the idea of having -- that this be a community driven 49 process, whether that's -- I mean, I think having it go 50

0113 1 through the schools make sense, we're having school involvement makes sense. I think that sounds like a 2 3 really viable idea. 4 5 In regards to the comments about living 6 in the community or living in the region, I personally 7 feel pretty strongly that whether you're talking about a RAC or a Fish and Game Advisory Committee that you 8 should live in the community or the region. 9 So I 10 understand the comments about people or young people 11 who live in Anchorage or outside of the region, I --12 and I understand there's an issue there, but at the 13 same time I don't want to see RACs and Advisory 14 Committees that are populated by people who all live in 15 Anchorage. So I think there's -- maybe there's a balance there, but I feel pretty strongly about again 16 17 being a resident in the community or the region. 18 19 And then just a comment about if we're 20 talking about people under 18 and traveling to meetings, I'm thinking about the travel adventure that 21 Chris and Coral had when we went to Cold Bay and their 22 23 plane got a flat tire and they ended up getting diverted to Sand Point. And, I mean, it was -- you know, think if you were -- if that was a 16 or 17 year 24 25 26 old youth somebody has to take responsibility for that 27 youth. So when you're dealing with somebody under 18 28 it does add in some complications. But again youth 29 doesn't have to mean under 18, it can mean, you know, 30 18 to 25. But those are things that I think we -- you 31 know, we would want to talk about what do we mean. Ιf 32 this is driving through say the high school clearly 33 you're dealing with people under 18, but maybe they're 34 not traveling to meetings, maybe they're just attending 35 via phone. If you're talking about young people 18 to 25 maybe what we want is they would travel, but again 36 37 it's because they're over that -- the age of 18. 38 39 So those were my comments and I guess I'll come back to the RAC. Does -- do we want -- is 40 41 there a desire to actually change the charter this 42 meeting or is this something we want to think about and 43 work on and do in the future. And again if we're going 44 to try to do it at this meeting I suggest we table this 45 item until tomorrow. So I'll pause for feedback. 46 47 Go ahead, Pat. 48 49 MR. HOLMES: Madame Chair, I think we 50

should divert -- defer this until sometime in the 1 future and then we can see what is available as Sam 2 3 suggested through the schools. And I think in a bigger 4 picture we need to figure out, be thinking to develop some kind of a plan ourselves on how to get more 5 participation because I know I sent out emails to all 6 7 the tribes, I know that my cousin sent out all that information to them, I phoned those folks, I phoned 8 I send 9 Advisory Committee people, I send them lists, 10 anybody that I know is avid subsistence persons, some 11 that are more avid than me, and do we have any 12 civilians here today? 13 14 UNIDENTIFIED VOICE: (Indiscernible -15 away from microphone). 16 17 MR. HOLMES: The young lady's from 18 And so I think that's Unalaska, but that's it. 19 something we need to be thinking about is how do we 20 encourage more local participation across the board, 21 not just with youth, but to get other folks here. And 22 I don't know how to do it, I duplicate the information, 23 I put little stars on it and send it to the radio 24 stations, you know. I know this thing on the climate 25 that came XT, that Terry Hanes will be absolutely 26 fantastic to eat it up when he gets a chance to review 27 But we just got to find someway where we just it. 28 encourage and get more people involved so that they 29 understand what we're doing or maybe the other side is 30 they trust us. I don't know. 31 32 So pardon me. 33 34 ACTING CHAIR SKINNER: Sam, go ahead. 35 36 MR. ROHRER: Through the Chair. Well, 37 I know how to get lots of participation here, Pat, we just put in some really wildlife proposals or fisheries 38 39 proposals.... 40 41 (Laughter) 42 43 MR. ROHRER: .....I mean, you know, Ι 44 tongue in cheek. But when there's say that controversial subjects, when there's issues then the 45 46 public shows up and when there's not and when 47 everything's kind of more or less okay and on an even 48 keel then folks tend to forget about it. So that does 49 happen.

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0115 1 But I would be okay with tabling this I like the idea of reaching out to the 2 discussion. schools. And I quess in my mind I was kind of thinking 3 4 to your point, Rebecca, about, you know, does a person travel. I was envisioning if we were to do something 5 it would be aiming for that high school age and I guess 6 7 I was thinking less about having a official appointed person, but more a nonvoting participatory seat where 8 9 maybe the community recommends a person. So it 10 wouldn't be someone that traveled with, it would be 11 when we we're in Kodiak then the Kodiak community would 12 somehow come up with hey, here's a person. If we're in 13 King Cove then Della would help facilitate finding 14 someone or if it was in Cold Bay some -- something 15 along those lines. 16 17 Anyway it's just my two cents. Thanks. 18 19 ACTING CHAIR SKINNER: Coral. 20 21 MS. CHERNOFF: How about if we get a \$300 bonus for bringing a public member to a meeting. 22 23 24 (Laughter) 25 26 MADAME CHAIR TRUMBLE: Madame Chair. 27 28 ACTING CHAIR SKINNER: Chris, go ahead. 29 30 MR. PRICE: Okay. I like the idea of 31 tabling as well. And I appreciate you guys taking this 32 -- I -- you know, discussion. And Pat's point is good of.... 33 34 35 (Laughter) 36 37 MR. PRICE: ....overall participation, 38 we need to work on that. But it does say we can have a 39 subcommittee so there's potential, maybe we could have 40 region our subcommittee from the а -- in our 41 communities that have a youth representative. So maybe 42 that's something we could think about as well. 43 44 ACTING CHAIR SKINNER: Okay. And then the word tabling was used, but I am interpreting that 45 46 you don't actually mean tabling until tomorrow, you 47 mean we're going to approve this charter as written, 48 but continue to discuss and work this issue. 49 50

0116 1 Okay. Thank you. 2 3 MADAME CHAIR TRUMBLE: Madame Chair, 4 this is Della. 5 6 ACTING CHAIR SKINNER: Yes, go ahead, 7 Della. 8 9 MADAME CHAIR TRUMBLE: I quess what I 10 heard Chris say was younger people that would like to 11 learn or get involved that don't live in the region, 12 that -- that is what I heard him -- the start of his 13 conversation. And so maybe someone can correct me if 14 I'm wrong, but if any of our young students would want 15 to learn and maybe you're not living in the region. Aren't these meetings public, they're posted, you can call in and at the Statewide meetings they're right 16 17 18 there in Anchorage. So I think they can go in and fit 19 in. And I've actually at the Statewide meetings on a 20 number of occasions I've seen different regions bring 21 youth in to be able to participate and watch the 22 process. 23 24 ACTING CHAIR SKINNER: Yeah, thanks, 25 Della. 26 27 MADAME CHAIR TRUMBLE: There is that 28 option I think. 29 30 ACTING CHAIR SKINNER: Yeah, and I 31 think that the group of youth that attended the Federal 32 Subsistence Board meeting in Anchorage back in January, 33 February -- oh, I think there might have been two 34 groups, I don't know if there was a younger group of 35 like high school kids and then there was an older 36 group, but I got the sense that with the older group 37 that was more college age, they were part of a class 38 and the class part of it was you had to attend a 39 regulatory meeting, whether it was Federal Subsistence Board, Board of Fish, your local, you know, AC meeting. 40 41 So my -- yeah, my understanding was it was -- it was 42 almost more like when they used to have civics classes. 43 So I think if we're going to do this we should also encourage them to go to local municipal government 44 45 meetings or tribal council meetings because it is 46 important. And, you know, people should be involved, 47 but they should also know what is going on so that when 48 they're involved they can participate in a meaningful 49 way. And you don't necessarily get that by just 50

0117 1 showing up to one meeting, you have to inform yourself. 2 3 And then -- so in -- I quess, Della, in 4 response to the question about or your understanding of 5 what Chris meant, I mean, I know Chris -- and you should probably just speak to this, but you definitely 6 7 mentioned youth living outside of the community, but I also think you're -- you're also looking at involving 8 9 youth in the community. So you're looking at involving 10 youth, but also maybe having a pathway for people 11 outside of the community, but I'll let you explain 12 that. 13 14 MR. PRICE: And -- no, that's -- and 15 Della made a good point there. But our primary objective should be our -- in the region and getting 16 17 youth in the region. I didn't mean to make people 18 think I was saying that. But and then Della did make 19 the point that the Statewide meetings do all allow for 20 all people to show up which is what we saw with Kasaan 21 and the other group. So it's good, I just wanted to 22 encourage people in our region to, you know, which you 23 guys are. 24 25 So I appreciate that. 26 27 ACTING CHAIR SKINNER: All right. Is 28 there -- Sam, go ahead. 29 30 MR. ROHRER: I would make a motion that 31 we approve our Council charter as written. 32 33 MR. HOLMES: Second. 34 35 ACTING CHAIR SKINNER: All right. We 36 have a motion and a second. Is there further 37 discussion. 38 39 (No comments) 40 41 ACTING CHAIR SKINNER: All right. 42 Seeing and hearing none is there any objection to 43 approving the charter as written. 44 45 (No opposing votes) 46 47 ACTING CHAIR SKINNER: All right. 48 Seeing and hearing none, the charter is approved. 49 50

0118 1 (Laughter) 2 3 ACTING CHAIR SKINNER: Okay. And then 4 it is 3:26 so I'm looking at taking our afternoon break 5 before we move on to the next item which will be NOAA 6 National Weather Service regional spring climate 7 outlook. 8 9 And is there anything else for the good 10 of the order before we take our break. 11 12 (No comments) 13 14 ACTING CHAIR SKINNER: Okay. All 15 right. Well, let's do a 15 minute afternoon break or let's do a 14 minute afternoon break and come back in 16 17 whatever that comes out to be. 18 19 (Laughter) 20 21 ACTING CHAIR SKINNER: Let's come back 22 at 3:40. Thanks. 23 24 (Off record) 25 26 (On record) 27 28 ACTING CHAIR SKINNER: All right. This 29 is a one minute warning. Kind of wander back to your 30 seats and we'll get started here shortly. 31 32 (Pause) 33 34 ACTING CHAIR SKINNER: All right. 35 We're going to go ahead and get started again. We are on agenda item 13h which is NOAA National Weather 36 37 Service regional spring climate outlook with Dr. Brian 38 Brettschneider and we do have the Powerpoint projecting 39 up on the screen in the room. 40 41 And, Dr. Brettschneider, are you online 42 and ready to go. 43 44 DR. BRETTSCHNEIDER: Yes, I am. So hopefully I -- everyone can hear me and I will just let 45 46 whoever's running the computer there let -- let them 47 know whenever I'm ready to move to the next slide, if 48 that's okay? 49 50

0119 1 ACTING CHAIR SKINNER: It is. And we 2 can hear you loud and clear. 3 4 Thank you. 5 6 DR. BRETTSCHNEIDER: Great. Well, so 7 let me introduce myself. My name is -- pardon, I'm just adjusting my phone here. So my name is Brian 8 9 Brettschneider. I am a climate scientist with the 10 National Weather Service, Alaska region. I am based in 11 Anchorage so I'm -- this is where I am calling in from. And today I'd like to present the current state of our 12 13 knowledge of what we think this spring is going to be 14 Of course we've started into the spring, but like. 15 hopefully we'll be able to fill in some of the gaps of 16 what we're thinking it's going to be, is going to 17 happen the rest of the spring. 18 19 So slide 2 should show a chart of what 20 we think the La Nina conditions and El Nino is going to 21 be like. So I like to start out with this because what 22 is call ENSO which is the El Nino southern oscillation. 23 So what happens in the central tropical Pacific matters 24 a lot to Alaska, I mean, it matters a lot to the lower 25 48 as well. But what we see is that the changing in 26 the ocean's temperatures in this part of the area just 27 east of the international date line, it actually has a 28 huge influence on global weather circulations and those 29 have a notable impact on Alaska. 30 31 And so as you may be familiar we have 32 just -- we've been in what's called the La Nina which 33 is a cooling of that tropical Pacific, we've been in a 34 La Nina for the last couple of winters and we're moving 35 out of that. And so that we -- we're currently in called ENSO neutral. So that means the 36 what's 37 temperatures in the ocean are pretty close to normal. 38 And as you can see on the chart you see a lot of red 39 bars coming up in the next few months and on the bottom 40 of the chart those three letter abbreviations represent 41 the months. So, you know, February, March, April, MAM 42 is March, April, May, AMJ is April, May, June and so 43 And so you'll see as we move through the spring, on. 44 through the summer, through -- you know, into the next winter even it's looking like El Nino is going to be 45 46 more likely than not. And actually even since -- in the last month since this was first, you know, put out 47 48 the temperatures have really warmed quite a bit. So we 49 may be entering El Nino much sooner than we think. So 50

1 some of my slides actually -- because when I first put this presentation together not very long ago we were 2 3 still in a La Nina so I'm going to actually slip 4 through some of the slides that talk about La Nina. But so even though we think El Nino is in our future in 5 the fall and next winter we're not quite there yet. So 6 7 we're still in the El Nino or this ENSO neutral 8 conditions.

10 And so if you go to map -- slide number 11 3 I'd like to kind of start with, you know, what 12 conditions during the springs are typically like where 13 we have a ENSO neutral like we're in right now. And as 14 you can see in, you know, kind of the southern coastal 15 Alaska, you know, from the Kenai Peninsula to Kodiak Island to the Alaska Peninsula and then on into the 16 17 Aleutians it is a -- generally a slight tilt toward 18 warmer than normal conditions. So if we know nothing 19 else about the state of the atmosphere we would think 20 or we would estimate that, you know, given the oceanic 21 conditions that we would tilt toward a little bit 22 warmer than normal.

24 And if you'd go to slide 4. Slide 4 25 shows what we would expect, again all other things 26 being equal, if all we knew was the state of the 27 tropical Pacific being in a neutral condition what our 28 precipitation would look like. Now in this one we see 29 a whole lot of gray and the gray means there's just 30 really not much signal for whether we think things 31 would be wetter or dryer. And it is important to note 32 that there's a lot less predictability for precipitation than there is temperature. 33 And that's 34 true no matter where you go, that's true in Alaska, in 35 the lower 48, in South America and it's true of anytime 36 of the year. And just because precipitation -- you 37 know, we have a temperature every day of the year, but 38 precipitation is -- mainly fall on, you know, a third 39 or a quarter of the days. And so it's just really -there's really not nearly as much skill in tracking 40 down, you know, how many days it's going to precipitate 41 42 and, you know, is it going to be heavy, is it going to 43 be light and so on. So just always keep that in mind 44 today and any other day whenever you see long range precipitation forecasts they -- they're just going to 45 46 have less skill than temperature. 47

48 So if you'd move on to slide 5 we're 49 just going to actually skip that because we're no 50

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0121 1 longer in the La Nina and we're going to skip slide 6 as well because we're no longer in the La Nina. 2 3 4 But we are going to skip over to slide 5 7 and it should be a map that looks like a whole lot of 6 green, hopefully that's what you're looking at. And 7 this is kind of just -- it's kind of a bigger picture relationship between temperatures and the ENSO status. 8 9 And what we see is that green means positive. The 10 legend got -- unfortunately got truncated, but the 11 green means when we have warm conditions in the Pacific 12 Ocean. We have -- so above normal temperatures in the 13 Pacific correlates to above normal temperatures in 14 Below normal temperatures in the Pacific Alaska. 15 correlates to below normal spring temperatures pretty much in most of the State. So that's -- so as you're 16 maybe seeing news stories about hey, the Pacific Ocean 17 18 has been warming up and how might that affect Alaska. 19 So as it warms up Alaska warms up, as it cools down 20 Alaska cools down. 21 22 And then slide 8 is the precipitation 23 relationship for the spring months. And it's for 24 coastal -- southern coastal Alaska and into southwest 25 Alaska. We generally are painted in the green colors 26 again and that means as the temperature -- I'm sorry, 27 as the temperature of the ocean warms up precipitation 28 increases. As the temperatures in the ocean decrease 29 our precipitation decreases. Now that's not the case 30 for a lot of the mainland, but it is the case for 31 Kodiak and southwest and the Aleutians and the Alaska 32 So it's not a very strong relationship, Peninsula. 33 although it's a little stronger in Kodiak Island and 34 Afognak Island, it is a slight positive relationship 35 nonetheless. 36 37 And so moving on to the next slide. 38 You know, even in -- really no matter where you are in 39 the State of Alaska sea ice in the spring is a major 40 factor in the temperature and precipitation. And so 41 hopefully if we go to slide 10, it says the sea ice 42 extent on March 29th. I'm not sure if the updated 43 presentation was able to get loaded in time, but I have 44 my fingers crossed. What's the date on the top of the 45 slide 10, if anyone can tell me? 46 47 MS. HUTCHINSON-SCARBROUGH: That's 48 March 29th. Yeah, I think we got the right one, Brian. 49 50

0122 1 DR. BRETTSCHNEIDER: Great. Well, 2 thank -- great. And thank you so much, Lisa, for 3 getting that last minute update loaded in there. I 4 really appreciate that. 5

6 And so here's -- this is a plot that I 7 put together and it shows the -- in the middle to the right it shows the current daily, you know, sea ice 8 conditions. And it's -- you know, I think it says 528 9 10 or 9 thousand square kilometers. And normal for this 11 date is 746. This is normally right about close to 12 where our peak. And normally sea ice is down to just 13 about the St. Paul Island and is, you know, filling in 14 Bristol Bay and even a little bit down the coast of the 15 Alaska Peninsula. But not this year and of course hasn't really occurred much in recent years. 16 And in 17 fact in 2018 and 2019 it was practically almost up to 18 the Bering Strait. And so when you reduce all this sea 19 ice you reduce the level -- the areas that keep 20 reservoirs of cold air and you're allowing the sea 21 surface, this -- the oceanic surface to start absorbing 22 heat much earlier in the season than it ordinarily 23 would. So the -- so this reduction in sea ice and again 24 we're running at about 80 percent normal for the Bering 25 Sea has a large affect on our climate in the spring and 26 in the fall. And we're going to -- you know, our 27 thinking is that this is going to add a positive tilt 28 towards the temperatures in the next few months and 29 beyond, but since we're talking about spring we're 30 expecting that the spring conditions are going to be a 31 little warmer than they ordinarily would be just due to 32 this lack of sea ice. 33

34 And so now on to the official CPC 35 outlooks and CPC stands for Climate Prediction Center 36 and this is a NOAA Division so it's not part of the 37 National Weather -- actually I take that back. The CPC 38 is part of the National Weather Service. Other 39 branches are under the larger NOAA umbrella and not 40 necessarily the Weather Service. 41

42 slide 12. This is the official So 43 spring outlook that was issued February 15th and for 44 Alaska -- you can see Alaska in the lower left corner there and we see a tilt toward warmer than normal 45 46 conditions for the Alaska Peninsula and into the 47 Aleutian Island in kind of what we describe as equal 48 chances for Kodiak and Afognak Islands. And so we --49 equal chances means it could go either way or it could 50

1 be -- we're thinking it could go above normal or it could go below normal. And it's important to note that 2 3 along -- that much of the above normal chances for the 4 Alaska Peninsula and southwest Alaska and the Aleutians 5 is a result oftrend, you know, so there is a positive -a strong positive trend in the last 15 to 30 years. 6 7 And so trend is a component that's taken into account. So if you actually just looked at the dynamic forecast 8 9 models it actually showed those areas probably much in--10 near normal. But again with the trend and now with 11 the kind of below normal state of sea ice, it's 12 probably a reasonable bet that we should expect, you 13 know, somewhat warmer than normal conditions this 14 spring. 15 16 for

And the next slide is 17 precipitation. And I won't spend a lot of time on 18 this, but like I mentioned a few minutes ago there's 19 really particular -- precipitation predictability at 20 the seasonal time scale, there's a little bit of skill in that, but not a whole lot. And then for this spring 21 we actually -- the official forecast where all of the 22 23 white equal chances. So no -- no signal either way for 24 either above normal precipitation or below normal 25 precipitation.

27 And then if you go to the next slide, 28 kind of some the under the hood stuff. If you look at 29 some of the individual models or some of the individual 30 components that were used to generate those seasonal 31 outlooks, one of them is called the NMME which is the 32 North American Multi Model Ensemble. And it's a 33 collection of about seven computer models and this is 34 what they estimated the spring temperatures would look 35 like. And it shows actually kind of near to even below 36 normal for just north of Kodiak Island, trending toward 37 above normal toward lower down on the Alaska Peninsula. 38 Toward even potentially much above normal as you get 39 down -- farther down into the Aleutians. So this isn't -- this is not too dissimilar to the official forecast. 40 41 So that's kind of one, you know, kind of again under 42 the hood bit of information I think people might find 43 interesting. 44

And then the next one, slide 15, is the precipitation. And this actually shows something kind of a little bit different than the official forecast. It shows dry conditions favored over Kodiak and Afognak Islands and it shows wetter conditions down in the 50

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0124 1 Alaska Peninsula. So kind of keep in mind that that -that there again with the caveat that precipitation 2 3 forecasts at the seasonal time scale have lower skill, 4 but this shows kind of a pretty sharp divide between 5 dry on one side and wet on the other. 6 7 And then slide 16 is -- we just looked 8 at what the North American models are, let's look at 9 what the European models think as far as temperatures. 10 11 (Teleconference interference 12 participants not muted). 13 14 DR. BRETTSCHNEIDER: And -- I'm sorry. 15 Okay. And so the European, that's called the CS3 and by the way, excuse the -- I left the -- I misstated the 16 on the title it says winter and that -- it's actually 17 18 spring on the dataset there. So sorry about that. And 19 it's showing a pretty -- not much of a signal for 20 either warm or cool for -- really for most of Alaska 21 except for parts of the eastern interior mainland. So 22 again if -- looking at all this information, you know, 23 it's a reasonable bet to think we were going to be near 24 to maybe slightly warmer than normal this spring. 25 26 And then just kind of some longer term 27 trends is you go to slide 18 and it's titled trends are not our friend. You know, we're warming, the planet is warming, Alaska is warming, all parts of Alaska are 28 29 30 warming. And the upper right-hand panel shows what the 31 trends are in spring temperatures and they -- you know, 32 it's not as notable as say it is in winter or fall, but 33 spring temperatures are definitely warming in the 34 entire region. 35 36 Slide 19 shows what the sea surface 37 temperatures were around Alaska for all 2022 and, you know, with the exception of the area in, you know, 38 39 Bristol Bay and adjacent areas north of the Alaska 40 Peninsula which were a little bit cooler than normal, 41 most other areas are warmer. And with the transition 42 out of La Nina and potentially into El Nino it's 43 reasonable to expect that those warm temperature anomalies are going to start moving back northward 44 toward coastal -- parts of the southern coastal areas 45 46 of Alaska and into the Bering Sea. 47 48 That's -- this is a forecast. Any 49 questions about the forecast maps that I've shown so 50

0125 1 far? 2 3 ACTING CHAIR SKINNER: Are there any 4 questions or comments. 5 6 Go ahead, Pat. 7 8 MR. HOLMES: Yeah, just a second. Back 9 on the -- I think it was -- I don't know which slide, 10 but it's on Page 73 of our manual. It said NMME spring 11 precip outlook issued and then -- and what we have..... 12 13 DR. BRETTSCHNEIDER: Yes. 14 15 MR. HOLMES: .....in our pamphlet is 16 2022 and what you showed was 2023 and it looked 17 like.... 18 19 DR. BRETTSCHNEIDER: Right. 20 21 .....some of the warming MR. HOLMES: events were more intense in the one you showed here as 22 23 opposed to the one in our book, but it does -- anyway I 24 just -- we're looking at two different charts. 25 26 Thank you. 27 28 DR. BRETTSCHNEIDER: Yeah. So, you 29 know, to make it into the booklet, you know, I had to 30 get some -- I had to use -- I had to put in there the 31 data that was current as of that time. And soI have --32 you know, we do have more current data that's come out 33 And so I apologize for that, the since then. 34 disconnect between what's in the booklet and what's 35 being shownon the screen right now. So I did want to --36 you know, I did want to make sure that I'm using the 37 most up to date data in the presentation that I'm going 38 to be -- that I'm giving you verbally. 39 40 MR. HOLMES: Well, it looks a little 41 cooler than the guesstimate for 2022. Is that a 42 reasonable interpretation? 43 44 DR. BRETTSCHNEIDER: Yeah. So, you 45 know, La Nina actually held on longer than we thought. 46 And so -- and so the transition out of La Nina is 47 occurring a little bit later than we thought. And so 48 that's -- that's the main explanation for why the maps 49 in the booklet -- that map in particular anyway looks a 50

0126 1 little different than what's up on the screen right now. 2 3 4 MR. HOLMES: Okay. Thank you very 5 much. I guess that explains why my garlic is up 6 already. 7 8 ACTING CHAIR SKINNER: All right. Are 9 there any other comments or questions. 10 11 (No comments) 12 13 DR. BRETTSCHNEIDER: Okay. And in the 14 last charts, you know, one of the things that people 15 ask me a lot about are trends, you know, what -- how have -- how things change over time. And we know that 16 the temperatures are warmer than they used to be, 17 18 right, that's not news to everyone. But some of the 19 other things, you know, I hear about people say well, 20 it's windier than it used to be or it's cloudier than 21 it used to be or maybe it's sunnier. So the rest of 22 the presentation is just some charts based on some 23 global data, not specific to like what's measured at the Kodiak Airport or at the Cold Bay Airport or whatever because those are -- those can be kind of 24 25 26 transient and equipment changes and so on. But some of 27 our -- kind of our global modeling trends, are global dataset trends so we can kind of interpolate what's 28 29 going on in this area. 30 And so just really briefly in slide 20, 31 it shows that for the Kodiak area of course 32 temperatures are rising. 33 34 For cloud coverage on the next one, 21, 35 you know, really so for the last, you know, since about 1970 or so so the last 50 or so years, not a lot of 36 37 trend, but it was -- but it's cloudier than it was prior so prior to 1970 or so. Starting in about 1970 38 39 there's kind of an uptick in clouds and it's probably 40 associated with kind of a broader shift in the climates 41 of the Pacific Ocean took place in the early 1970s. 42 43 And then slide 22 if we look at winds, 44 you know, at least as far as the global datasets are concerned, wind -- there's been a decrease in the wind 45 46 -- in the wind in the last 20 or so years. So again 47 got to take all this with a grain of salt, but at least 48 at the -- at the big picture scale kind of a decrease 49 in wind speed. 50

0127 1 And then if we go down to slide 23 now look at King Cove and 2 we're going to again 3 temperatures, definite increase in temperatures and 4 that shouldn't be a surprise to anybody. 5 6 Slide 24, cloud coverage. Kind of 7 general increase in cloud coverage, not a lot of -- not a lot of big trend signals, but just overall increase. 8 9 10 11 And again for wind speeds a decrease in 12 wind over the last 20 years. 13 14 And then finally the last couple slides 15 are for St. Paul. St. Paul has had a big increase in temperatures. Of course we're -- St. Paul, you know, 16 in the spring has a lot of -- well, at different times 17 18 of the year has a lot of -- is influenced by sea ice 19 and so years where there's -- sea ice makes it to St. 20 Paul are notably cooler, years where it doesn't are 21 notably warmer. And so that -- that's kind of a thing 22 that's specific to St. Paul that, you know, isn't going 23 to be so much for Kodiak and King Cove and Cold Bay and 24 other places. 25 26 And then cloud cover, a big increase in 27 cloud -- cloudiness for St. Paul, probably just with more open water and generally a more open water and 28 29 generally a more -- a different flow pattern 30 particularly in the summer months where it's -- I'm 31 sorry, with different flow pattern in the winter 32 months. It's always cloudy in St. Paul in the summer, 33 but with an increase in clouds in the winter is really 34 driving this kind of annual trend. 35 36 And then finally the wind speed. Not 37 as much of a trend for St. Paul, a lower instances of 38 winds in the last few decades, but not as much as we 39 saw in some of those other places. 40 41 So I kind of ran through things real 42 quick so sorry about that, but happy to take any 43 questions and again thank your for having me -- giving me the opportunity to speak to the RAC meeting today. 44 45 46 ACTING CHAIR SKINNER: All right. 47 Thanks. And I just want to note, hopefully this can be 48 captured somewhere in our materials. The materials 49 that are in the book one, they're outdated, two, they 50

0128 appear to be for Bristol Bay region. So Lisa said she 1 can forward us this new presentation which is going to 2 be updated, plus it for specific communities in our 3 4 region. So the RAC will get it, but I'm hoping it will 5 also be posted with the meeting materials on the website so that if somebody's going back later and 6 7 looking at out meeting materials they will be able to 8 find the updated presentation. 9 10 And I guess I'll pause there. Are 11 there any questions or comments from RAC members. 12 13 Chris, go ahead. 14 sea surface 15 MR. PRICE: On your 16 temperatures in Bristol Bay slide there's the..... 17 18 DR. BRETTSCHNEIDER: Yes. 19 20 MR. PRICE: .....the cool -- the cold 21 spot there in Bristol Bay . What's -- what's..... 22 23 DR. BRETTSCHNEIDER: Uh-huh. 24 25 MR. PRICE: .....going on there? 26 27 DR. BRETTSCHNEIDER: Well, so this is 28 -- this is for all of 2022 and in 2022 we actually had, 29 you know, sea ice made it all the way down to St. Paul. 30 Actually I think it made it to St. George. And it was 31 generally more sea ice than we'd seen in recent years 32 And so compared to the previous in Bristol Bay. 33 several decades which is what the map is comparing 34 against, it's comparing against -- well, it's actually 35 comparing against a little bit long -- the -- a longer 36 time period, but kind of a persistent northerly flow 37 for a number of months, was able to mix out some of the 38 warmer sea surface temperatures, the warmer water 39 temperatures at the highest elevations of the water 40 column and mix up some of the cool air -- cooler water 41 from lower elevations. So it's kind of peculiar to 42 just the last year's conditions, it's not really a 43 trend that, you know, is something that we're really 44 focused on, but definitely last year kind of everything kind of came together to kind of maximize the upper 45 46 column -- water column cooling potential. 47 48 ACTING CHAIR SKINNER: Thanks. Α 49 follow-up question on that same slide is your time 50

0129 1 period for comparison is it that -- the 1900 through 2021 or 2022, is that the comparison period? 2 3 4 DR. BRETTSCHNEIDER: We -- are, you 5 know, we're still looking at the sea -- the one that's 6 titled sea surface temperatures around Alaska in 2022? 7 8 ACTING CHAIR SKINNER: Well, we're 9 looking at our books. It's sea surface temps in 10 Bristol Bay and there's a -- the reason I asked if it's 11 back to 1900 is because there's a little call out box 12 where it shows the average temperature for Bristol Bay 13 and it looks like it went back to 1900 and runs through 14 So I was wondering if that was your 2021 or 2022. 15 comparison period. 16 17 DR. BRETTSCHNEIDER: The comparison 18 period should be more recent. It should be 1951 to 19 2000, but I did -- I did make a change to the presentation and so I actually don't have the original 20 21 version unfortunately in my -- in my presentation. 22 Unfortunately I can't answer that specifically. 23 24 ACTING CHAIR SKINNER: Yep. No, I see 25 it says right there using 1951 to 2000 now that you say 26 that. 27 28 Thank you. 29 30 Are there additional -- Chris, can you 31 hit your microphone button. Thank you. 32 33 additional questions Are there or 34 comments. 35 36 Pat, go ahead. 37 38 MR. HOLMES: Well, I think it's really 39 fascinating in looking at your sea surface temps in Bristol Bay and ice coverage. I can remember back in 40 41 the early '70s with ice all the way past Unimak and so 42 that kind of really brings everything together over a 43 long time for me. And I really appreciate you putting 44 this information together and really will look forward 45 to your updated figures that you had for your 46 presentation. 47 48 Thank you very much. 49 50

0130 1 ACTING CHAIR SKINNER: All right. Any 2 additional questions or comments. 3 4 MR. PYLE: Madame Chair. 5 6 ACTING CHAIR SKINNER: Sure. Go ahead. 7 8 MR. PYLE: Sir, how does the Pacific 9 10 decadal oscillation play into this modeling? 11 DR. BRETTSCHNEIDER: So the Pacific 12 decadal oscillation is a tricky thing because it's not 13 really a thing in and of itself, it's really a 14 reflection of other things. And so, you know, the 15 Pacific decadal oscillation is something we kind of look at after the fact, it's not really driving 16 something, it's more of a description of what we're 17 seeing. And it turns out it has a number of different 18 19 parts to it and we're not really sure what all goes 20 into it. You know, if you looked back from the 1970s 21 through the 1990s, you know, it seemed to be what was driving the shift in the climate that we saw took place 22 23 in the mid 1970s. But the relationships have really 24 kind of fallen off the table the last, you know, two decades. And so it doesn't seem to be, you know, 25 26 certainly any -- even really after the fact a 27 predicative power to it. And so really, you know, the 28 parts of what we used to think of as the Pacific decadal oscillation that were -- that seemed to be 29 30 highly correlated to the climate of Alaska really turn 31 out to be more, you know ENSO, so El Nino southern 32 oscillation related. 33 34 So it's a tricky thing that we're still 35 kind of wrapping our head around, but the thinking in the last five to 10 years has really kind of been that 36 37 the PDO isn't really a thing of -- in and of itself, 38 but it's really a reflection of other things that are 39 going on. 40 41 ACTING CHAIR SKINNER: All right. Are 42 there any other questions or comments. 43 44 Pat, go ahead. 45 46 I was just wondering in MR. HOLMES: 47 relation to Kodiak if it might be possible sometime to 48 get a summary over time of winter wind direction. Ι 49 remember a paper from UAF in the late '70s and they 50

0131 1 correlated the -- first starting to talk about decadal 2 cycling, but a.... 3 4 DR. BRETTSCHNEIDER: Uh-huh. 5 6 MR. HOLMES: ....oceanography 7 professor pointed out that if we were having mainly northwest winds in Kodiak that on the east side 8 particularly if it came closer towards spring, that the 9 10 nutrients would be swept offshore and upwelling into 11 the inner bays. And with the wind blowing in a --12 since the '80s more from the southeast and east then 13 the nutrient flow would be the opposite way. And so 14 that might be..... 15 16 DR. BRETTSCHNEIDER: Uh-huh. 17 18 MR. HOLMES: .....some explanation on 19 some of the variability and various species of fish and 20 other critters as the nutrient that's available in the 21 Bay where the initial rearing processes start. 22 23 So anyway your report's very 24 fascinating, it really gets my mind buzzing. 25 26 Thank you. 27 28 DR. BRETTSCHNEIDER: Yeah, certainly, 29 you know, the wind direction is going to as you noted 30 is going to have a big impact on coastal upwelling and 31 in, you know, all the biological things that go along 32 with that, you know, nutrient production and so on. So and of course the fish follow all the nutrients. 33 So 34 certainly out of my area of expertise, but as far as 35 the prevailing wind direction at different times of the 36 year, you know, those -- you know, those are going to 37 be longer -- those are going to be things that change 38 on longer time scales and, you know, as far as -- you 39 know, say in 2014 through 2016 for sure when we had our 40 last kind of big El Nino we had a lot of interest in, 41 you know, what we called this big -- the blob or this 42 resilient ridge that kind of set up in the central Gulf 43 of Alaska and southern Gulf of Alaska. And, you know, 44 that then become -- became sort of a self reenforcing 45 phenomenon that drove winds on the west side of that 46 coming from the south. And, you know, all the things 47 that would go along with that as far as nutrients and 48 upwelling and so on. And so these things all do play 49 together, but over a -- certainly over long time 50

0132 1 periods and it's very fascinating to keep an eye on. 2 3 ACTING CHAIR SKINNER: All right. Are 4 there any further comments or questions. 5 6 (No comments) 7 8 ACTING CHAIR SKINNER: Okay. Seeing 9 that you very much, Dr Brettschneider, and we'll none, 10 go ahead and move on. 11 12 DR. BRETTSCHNEIDER: My pleasure. My 13 pleasure. 14 15 ACTING CHAIR SKINNER: All right. 16 Thank you. 17 18 DR. BRETTSCHNEIDER: Thank you. 19 20 ACTING CHAIR SKINNER: Okay. So we're 21 going to move on to the next agenda item. Just a note that we will definitely and I don't think this will be 22 23 a time issue, but we're definitely going to get through 13j so we can hear from Wildlife Enforcement. 24 And so 25 however late we need to go to do that. And then I'll 26 be checking in with the Council after that item to see 27 how much later we want to go for the day. But we'll 28 definitely be getting through that one today. 29 30 So the next agenda item is 13i, update 31 and discussion on Adak Island Lake Island blockage 32 which is Jeff Williams from the Alaska Maritime NWR --33 National Wildlife Refuge, Pat and Pat Holmes. 34 35 And hopefully Jeff Williams is on to 36 lead off. 37 38 MR. WILLIAMS: Yes, Madame Chair. This 39 is Jeff Williams, Deputy Manager for the Alaska 40 Maritime Refuge. 41 42 ACTING CHAIR SKINNER: All right. 43 Thank you. Go ahead. 44 45 MR. WILLIAMS: And -- yeah, thank you. 46 Pat and I haven't discussed exactly how to do it, so 47 basically provide an update. And maybe I'll just 48 provide a brief recap of the situation on Adak just so 49 that everyone knows about it. I'll be brief and then 50

0133 1 maybe -- Pat and I haven't discussed exactly, but he could bring us up to date on some of the interactions 2 3 we've had. 4 But I'll -- Lake Andy is -- it's a lake 5 6 the north end of Adak Island, on located about 7 centrally in the Aleutian Islands. It has a naturally formed thin seawall which separates Lake Andy from the 8 This outlet from the lake flows to the 9 Bering Sea. 10 ocean over about -- maybe about a hundred meters or so 11 of this thin seawall. But it does face the entirety of 12 the north Pacific. And so the high energy wave action 13 really closes this outlet for the lake until lake 14 levels kind of build up behind the seawall sufficiently 15 to kind of blowout and clear this outlet. That really happens kind of infrequently and irregularly. 16 It can 17 remain open and/or closed for years at a time. At some 18 point in the past red salmon came into Lake Andy, they 19 became resident kokanee (indiscernible - distortion) 20 while the military were there (indiscernible \_ distortion). And for much of the (indiscernible 21 22 distortion) Navy was there there was -- the outlet was 23 closed and there was no fishing, there's no 24 (indiscernible - distortion) associated with it. 25 26 That first -- World War II unexploded 27 ordnance munitions (indiscernible - distortion) was 28 placed outside the seawall and then (indiscernible) removed a lot of it. But that unexploded ordnance 29 30 washed up regularly on the entirety seawall for 31 substantial distance. And the Navy did regular seawall 32 fleets with unexploded ordnance disposal technicians to 33 remove ordnance and they -- the types of ordnance 34 ranged from small shell to mortars, 20 millimeter 35 cartridges, you know, a lot of which was still live. 36 Institutional controls and either signage or barbed 37 wire fences or prohibitions against entry really kept a 38 lot of the Navy personnel and in a different forum 39 community members to date once the Navy left from the 40 area. 41 42 And since the Navy left there's been 43 some unexploded ordnance remediation work going on 44 there and basically to moderate the levels of the lake. The outlet has been cleared recently, you know, for a 45 46 while now using explosives. And this has kind of 47 allowed the outflow of these kokanees and the return or 48 reestablishment of a run or facilitated it basically. 49 Unexploded ordnance still washes up, it is -- through

these seawall sweeps, it's showing some decline and to 1 very low numbers of things now, but it still is out 2 there. And that -- these institutional controls like 3 4 the signage or fencing and stuff will likely remain in 5 place in the future. 6 7 The outlet to keep this run going, the 8 would have to be maintained outlet really in There's two real ways to do that, 9 perpetuity. 10 explosives that have to be used likely due to the 11 presence of unexploded ordnance. The Navy has said 12 that they will do it again here in 2023, it's kind of a 13 short term fix I guess. The Navy has agreed to, Ι 14 talked with them last in October I think it was, maybe 15 a little bit later, and that's still not the case. 16 17 The other method besides explosives is 18 excavation which really isn't advisable due to the --19 and if it was it would have to -- likely have to have 20 unexploded ordnance personnel kind of there supervising 21 the work in the future. So think in perpetuity. 22 23 And currently the land around Lake Andy 24 is within Federal withdrawal, the primary а 25 jurisdiction is under the United States Navy for quote, 26 military purposes, unquote, a very large (indiscernible 27 - distortion). And the Navy wants to go away and be 28 done with it and that would be a formal thing called a 29 relinquishment of that withdrawal. And if they did we 30 would -- it is part of the National Wildlife Refuge 31 system right now and it would remain upon 32 relinguishment of the Service. So with that the -- if 33 that happened at some point in the future the Navy has 34 a optimistic outlook that it might happen within say 35 two years or so is their goal, it might or might not 36 If it did just the continuance of use of happen. 37 explosives to maintain the opening to the outlet --38 it's not exactly entirely compatible with Refuge 39 purposes and appropriate use so there could be some hurdles we're dealing with that way and the Service 40 41 would be interested in a transfer to another entity, in 42 this instance the main entity that could accept it 43 would be the Aleut Corporation and we have not 44 approached them with that. But if they were interested this would certainly simplify any future management 45 46 actions or clearing because it wouldn't be in Federal 47 ownership. 48 49 And so that's just kind of a history, I

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0135 1 wanted everyone to have a common ground about. And I know Pat has made a lot of inquiries about how we might 2 3 facilitate that. I offered up some assistance to kind of a brainstorm some ideas with Pat and provided 4 5 information. 6 7 That's my portion, Madame Chair. Τ 8 don't know if -- what Pat might be able to elaborate 9 from my introduction there. 10 11 Thank you. 12 13 ACTING CHAIR SKINNER: Thanks. Pat, 14 did you have anything you wanted to add. 15 16 MR. HOLMES: Yeah, I'll do the best I 17 can, I've lost my notes. But that's a good summary and 18 decreasing amount of munitions. 19 20 And I did quite a bit of work trying to 21 find someone that could give advice on solving the 22 problem on the lake outlet, basically a stream 23 geomorphologist or a person that could make streams 24 And I checked all the agencies, State and works. 25 Federal and I did get some help from -- George Pappas 26 did some poking around away from OSM and I'm sorry I 27 don't have the gentleman's name right handy, but I can get that later, but there is a chap with the Fish and 28 29 Wildlife Service that works for the Service Statewide 30 and that's precisely what he does. He can improve the 31 flow of streams, does everything that Fish and Game 32 used to do, but all those people have retired. 33 34 And so I would like to toss out that 35 maybe our Council express a concern to explore further 36 the outflow at Lake Andrews to try to keep that run 37 stable. And perhaps this gentleman, he also I believe does some grant monitoring and had some ideas on that. 38 39 So perhaps if we had a blessing from our Council to explore it maybe we could find some way to get him out 40 41 there. Jeanette Alas with Fish and Game Habitat 42 Division, they're usually the ones that supervise that 43 type of thing. She was the last one out there to be taking pictures of the outlet since it was opened. And 44 45 just looking at the composition of it, it's large 46 boulders and cobbles on that spit. And but I can't 47 help but wonder that there might be someway of 48 maintaining the lower part of it just on a seasonal 49 basis and particularly if that area is mostly cleared, 50

I think you're right, we might have to have some advice in a bigger picture from the people that are on the Adak Restoration Board or the Navy, but it almost would seem like perhaps with what's there if it had a little bit of annual maintenance down near the intertidal area it might be possible to keep the thing open.

8 And SO I'll be forwarding that 9 information from that gentleman to Jeanette and 10 hopefully if we can get some kind of a -- I'll propose 11 the end of our meeting that we endorse at 12 (indiscernible) trying to develop a solution on that. And I wanted to point out that Jeff had volunteered 13 14 early in our discussion to be our official point of 15 contact with the Navy and with the community there. And being that's part of his management turf anyway on 16 17 the south end of the Island and so I can see real 18 positive things potentially developing from that. 19

20 And one other angle I'm going to try to 21 explore is to see -- when I was with the Department I 22 used to be able to catch rides with the Coast Guard out 23 to the Aleutians from Kodiak. And so I'm going to see 24 if I can find the name of the person at the Coast Guard 25 that would give blessings or not for that, but that 26 might be a way to get some of the people to go out and 27 look at it, see what could be done and then develop a 28 grant process to see if we couldn't get a stabilization going there in conjunction with the community of Adak 29 30 and either the Fish and Wildlife Service depending on 31 when it gets done or with the Aleut Corporation. 32

33 But it's obvious that that system has 34 been open in the past. When I was out there it wasn't 35 active, but folks had said that I talked to with the 36 Navy that it was and then they were in the process of 37 excavating it. And so I just have some real positive 38 feelings and hopes that we can solve that problem for 39 the folks out at Adak because that's the easiest place for them to get for their subsistence. They can go to 40 Kagalaska or the south end of Adak, but the way the 41 42 currents are there and stuff it's kind of a big gamble. 43 And if that system were going then I'm sure they could 44 work with the Department of Fish and Game on -- and with your shop on coming up with a way to have a 45 46 subsistence harvest near the spit and then not have to And then I understand from 47 be traveling so far. 48 reading the notes that they're going to leave that road 49 on the west side in there and possibly if we have, you 50

0137 1 know, some folks that are looking at that potential for the stream, I talked with Jeff about -- on the south 2 3 side there's a small lake and a stream that flows into 4 Clam Lagoon and then there's one that goes into Kulik 5 Bay, but there's not much of an elevation there so it 6 might be possible to do a fish pass or something, but 7 you'd have to get those fish turned around and genetically reprogrammed. 8 9 10 But anyway I guess that's the best of 11 what I have at this point and I really do appreciate 12 your offers to help us on that, Jeff. 13 14 Thank you. 15 16 ACTING CHAIR SKINNER: All right. Are 17 there any questions or comments from Council members. 18 19 Chris, go.... 20 21 MR. KOSO: Madame Chair. 22 23 ACTING CHAIR SKINNER: Okay. Rick, go 24 ahead. 25 26 MR. KOSO: Yeah. Thank you, Pat, for 27 all that information there. I know I've talked with Jeff on that too and I did talk to a couple of Board 28 29 members on the Aleut Corporation. Like I said they're 30 concerned with the liability that goes along with 31 owning that section of property. So they're definitely 32 thinking about it and I think they'll probably wait, I 33 think we got a couple years to work on this. So I will 34 keep pushing the Aleut Corporation to see if they can't 35 work on this when we get a little bit more information 36 on it especially the responsibility and the liability 37 that goes along with digging out that opening there. 38 39 So anyway thanks again, Pat, and 40 thanks, Jeff, for giving us the report here. 41 42 ACTING CHAIR SKINNER: Okay. Are there 43 any.... 44 45 MADAME CHAIR TRUMBLE: Madame Chair, 46 this is Della..... 47 48 ACTING CHAIR SKINNER: Yep, go ahead. 49 50

1 MADAME CHAIR TRUMBLE: I just wanted to express how thankful I know I am that Pat took this on 2 and then Jeff helping him and then everybody that 3 4 contributed to this -- to where we're at today. I know 5 that Pat put a lot of research and work into it. So 6 much appreciated, everyone. 7 8 Thank you. 9 10 ACTING CHAIR SKINNER: All right. Are 11 there any additional comments or questions. 12 13 (No comments) 14 15 ACTING CHAIR SKINNER: All right. 16 Seeing and hearing none, we are moving on to the next 17 agenda item which is 13j, update on Unalaska fishery 18 and wildlife enforcement. Tyler Lawson, Matt Keyse, 19 Alaska Department of Fish and Game and Pat Holmes, 20 member. 21 22 MR. LAWSON: Good afternoon, good 23 evening, Madame Chair and members of the Council. For the record Tyler Lawson, Department of Fish and Game 24 and I'm joined by Sergeant Nathan Walsh with the Alaska 25 26 We were asked to give a little Wildlife Troopers. 27 update about some of the enforcement concerns which were voiced at the fall RAC meeting. And I'll kind of 28 29 start of with kind of the Fish and Game angle of things 30 and then transition over to let Sergeant Walsh join in 31 here. 32 33 So to start I think a couple things 34 that I raised or let you know at that meeting is that 35 the Fish and Game Management Biologist in the region 36 are cross credentialed as peace officers. And so we 37 document and give out are able to tickets for 38 violations that we see in the region whether they be 39 subsistence, sport fishing or commercial. And in that 40 capacity we did do some license checks and bag limit 41 checks in Cold Bay and some members of our Sport Fish 42 Division did some similar work out on Unalaska last 43 fall. Likewise when we're doing our aerial surveys in 44 the region we're kind of trained to document any violations that we see in a way that'll hopefully be 45 46 useful to the Troopers when we share that information 47 with them. So that's something that we've always done 48 and will continue to do. 49

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0139 1 I did reach out after that fall RAC meeting to some of the Federal law enforcement contacts 2 3 in the region just to let them know what we had talked 4 about and given them my contact info to pass along 5 information as it came up. And otherwise because historically for the Alaska Peninsula and Aleutian 6 7 Islands the State has always been in charge of managing the salmon fishery, kind of focus on talking more with 8 the State Wildlife Troopers. 9 And along with some 10 ongoing investigations that we had at that fall RAC I 11 passed along a bunch of other bullet points that were 12 raised at that meeting to the Troopers and I think it 13 was that same day that Sergeant Walsh, his supervisor 14 and a couple other colleagues were in our office 15 looking for more information and trying to do what they could to help us out with those items. So I just want 16 17 to say on our end for Fish and Game that they've been 18 in our office several times to talk about these things, 19 we've exchanged a lot of emails to try to help them 20 The Department and the Troopers kind of have a out. 21 similar problem whereas the farther west you had in 22 Alaska the more thinly stretched we are for our 23 resources, but we do the best we can to kind of 24 leverage what we have to do the best that we can. 25 26 And I guess I'll turn things over to 27 Sergeant Walsh and he'll let you know about some of the 28 updates they have and some of the new faces they have 29 in place that will probably help out quite a bit as 30 well. 31 32 SERGEANT WALSH: Thank you. So my name 33 is Nathan Walsh, I'm a Sergeant here with the Wildlife 34 I'm based out of Kodiak, I supervise our Troopers. 35 Vessel Section her in Kodiak and also I supervise our 36 Dutch Harbor Wildlife Trooper Post. So I can speak for 37 at least Kodiak area and Dutch Harbor specific just to 38 give you a brief overlook of kind of what we do and how 39 we work with out other agencies that we work with as 40 far as Fish and Game, U.S. Fish and Wildlife, NOAA, how 41 we all work together to accomplish our mission of 42 wildlife enforcement and protecting the resources. 43 44 So currently we have three vessels here 45 in Kodiak which you probably, the Stimpson, the Tomai 46 and we have a 32 footer vessel called the Audrey Ann. 47 So we utilize -- and we got a couple airplanes as well, 48 but we utilize these resources in order to cover 49 Kodiak, Afognak, but also we cover everywhere from 50

1 Kodiak, I've been out on our Stimpson out to Adak and even further. So we cover huge areas, like Tyler said 2 3 once you start getting out that far it is kind of hard 4 to have the enforcement that everybody would like to 5 see out, but we definitely try to do our best. So and then we also cover Bristol Bay region in the summer so 6 7 a lot of our boats go out to Bristol Bay. But we're constantly in contact with U.S. Fish and Wildlife, Fish 8 9 and Game to make all our enforcement actions possible. 10 11 (Teleconference interference 12 participants not muted). 13 14 MS. HUTCHINSON-SCARBROUGH: Excuse me. 15 Yes, if you -- just to remind you to do star, six to put yourself on mute if you -- because we just heard 16 17 you. 18 19 Thank you. 20 SERGEANT WALSH: 21 So again working 22 together to do that has been really cool for me. I got 23 here about three and a half years ago so trying to do 24 this real rural work has been a challenge, but it's 25 also really fun. I think we've come a long way. Sam 26 and I were talking about some stuff earlier just 27 offline. It seems like things are getting cleaned up 28 and enforcement is being noticed and not too many 29 problems, knock on wood, so far. 30 31 (Teleconference interference 32 participants not muted). 33 34 ACTING CHAIR SKINNER: All right. If 35 you're not presenting, so if you're not Sergeant Walsh, 36 if you could please mute your line that would be 37 appreciated. 38 39 Thank you. 40 41 SERGEANT WALSH: So currently we are 42 having some staffing issues as far as Troopers as a 43 whole, law enforcement nationwide. So we are looking 44 to fill more Wildlife Trooper positions here in Kodiak. 45 We are two positions down right now, we have one quy 46 starting next -- two weeks from now, second week of 47 April he'll be here so that'll fill one of our two 48 vacancies. And we also have one Trooper out in Dutch 49 Harbor who just got there in October of last year. So 50

1 speaking with the Trooper out in Dutch Harbor and with Tyler here we're going to be coming up with some patrol 2 3 plans to get our Dutch Harbor Trooper out and about to 4 Akutan and also out to Cold Bay maybe around September time frame. So we do have available Troopers around, 5 it's just we might not get there in a timely manner, 6 7 but we definitely -- the complaints and the documenting that Fish and Game does for us, I've worked many cases 8 9 where Tyler sent me videos of people fishing in closed 10 waters or Fish and Game here in Kodiak sending me 11 photos or an email that they got. We eventually look 12 into it and it turns out to be a violation of maybe 13 taking bear closed season or deer closed season or 14 overlimit, undersize crab, whatever it may be. So 15 that's kind of how we work together that way and how Tyler was documenting the violations is super important 16 17 to us. 18 19 And the more complaints, the more 20 reports that we get not just from U.S. Fish and Wildlife, Fish and Game, but from citizens making 21 22 complaints, phone calls, emails. That allows us as 23 Troopers to -- the more reports we can direct our 24 enforcement efforts to that problem that's being --25 what was the saying before, trends aren't our friends.

26 So if we start seeing a trend somewhere hopefully we 27 can push our enforcement efforts towards that trend if 28 there's something that's happening. 29

ACTING CHAIR SKINNER: Just to followup on that, so if people do have complaints you said they can call or email. Where should those be directed?

35 SERGEANT WALSH: Correct. Right to the 36 Kodiak Post is the best especially -- and if it's 37 anywhere in Kodiak or out the chain we kind of cover 38 that whole area so just 907-486-4762 is our Kodiak 39 Wildlife Trooper Post. 40

41 ACTING CHAIR SKINNER: All right. Are 42 there other comments and questions.

Chris, go ahead.

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46 MR. PRICE: I'm glad you guys are 47 filling that post in Dutch Harbor. The commercial 48 presence for us is really important to have a Trooper, 49 I mean, the amount of commercial activities we have in 50

0142 1 Unalaska and all the processing and all the vessel traffic. So we definitely need a Trooper presence in 2 3 Unalaska so appreciate that. And I know staffing 4 shortages are hitting us everywhere so it's understood, 5 but really want to reenforce that you guys have a presence in Unalaska. And working with the local if 6 7 it's, you know, police or Fish and Game or whoever to develop, you know, a process for local people to call 8 9 somebody if they're concerned about, you know, 10 fisheries or some kind of violations, you know, a 11 process to do that. We do have our local police which 12 is really good and historically the Trooper presence is 13 really strong in Unalaska before the Stimpson left. 14 15 So anyway thank you for being here 16 today. And this group has a lot of really good advice 17 for your -- the State Troopers as well when we -- you 18 work with subsistence folks. There's a lot of things 19 that, you know, you should understand about how, you 20 know, subsistence works in Alaska and I'm sure you've 21 been trained extensively on it, but every community is 22 really unique and super important. And again you're 23 going to find things in Atka and Akutan you'd never see 24 other places. 25 26 SERGEANT WALSH: Yes. 27 28 MR. PRICE: You have to understand 29 So thank you very much for being here. that. 30 Appreciate it. 31 32 ACTING CHAIR SKINNER: Pat, go ahead. 33 34 MR. HOLMES: Yeah, I would like to 35 express my appreciation and I'm sure the Council does and certainly the people of Unalaska because before the 36 37 week was out after our last meeting Tyler was trying to 38 this, talking to people, solve doing lots of 39 coordination with the different agencies and so at the 40 end of the meeting I think everybody should shake his 41 hand for getting this moving ahead. And I think having 42 Nathan involved will help a bunch. I think what didn't 43 get mentioned is that Tyler reaffirmed that the local 44 Fish and Game Staff who are basically shellfish management folks and if they've got a crab fishery 45 46 going they're working 18, 24 hours a day, but that they 47 will be providing their assistance where they can. And 48 I believe the City of Unalaska is also going to help 49 with their police department again; is that correct? 50

1 SERGEANT WALSH: Yeah, through the That's something I discussed 2 with Vince Chair. Tutiakoff, the Mayor of Unalaska last fall and he was 3 looking to kind of touch base with the new Trooper out 4 5 there when he got in place. So that's hopefully 6 something that will happen this spring to kind of get 7 people together to talk about those issues and kind of 8 see how they can all work together in the best way 9 possible. 10 11 MR. HOLMES: You know, I think that 12 would be swell because when I was out there I was like

13 the only enforcement person and the city, I forget, 14 Tiny Chastain might have been Mayor or something, but 15 he had the city police going out and they could do more of the active stuff than I could. And so I just wanted 16 17 to compliment you and Fish and Wildlife Service 18 Protection. I was wondering if it would help in the 19 whole discussion because I know so often midsummer, 20 early fall when the -- particularly when the reds are running in town, that's a big problem area for 21 enforcement. And could it possibly help or at least 22 23 not hinder if our Council were to write a letter, a 24 resolution supporting that if at all possible if you have someone that's stationed at Unalaska that they 25 26 could remain there during this critical period. 27 Because the salmon runs are so small and yet, you know, more than half the population is associated with 28 29 processors and I'm just making the emotional judgement 30 here, but a whole lot of them claim to be residents and 31 they're not.

33 And you could almost tell when I was 34 there when the shift changed out when, when you went 35 out towards -- you know, to the north or to any of its streams, there would be a surge of people showing up 36 37 down there with their Alaska flies which I define as a 38 spark plug with three halibut hooks on the bottom and a 39 piece of yarn fishing. And of course when I -- they'd 40 coming and they'd go back to see my truck 41 (indiscernible) and so it was if -- I guess my question 42 to you, Nathan, is would it help at all in this process 43 if we were to have one of our letters or our comments 44 or resolutions asking to -- asking if possible to have someone there during that critical period when these 45 46 violations occur as far as the salmon runs. And then 47 of course Chris pointed out there's so much other 48 things going on in Dutch Harbor as you know, and then 49 they move the Fish and Wildlife Protection vessel out, 50

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0144 1 back to Kodiak and so that leaves an even bigger 2 deficit. 3 4 And so we just really hope that we can 5 find somebody to help and assist on this and we really 6 thank you guys for trying to solve it. 7 8 SERGEANT WALSH: Yeah, so I think any letter written that's brought up to our attention or 9 10 even further up to Anchorage definitely helps us kind 11 of at -- you know, at a Trooper level, even a Sergeant 12 level it's we're -- our hands are still bound because especially in those summertimes during June and July 13 14 unfortunately a lot of us are pulled from our post and 15 taken out to Bristol Bay. So our one Dutch Harbor Trooper is now pulled out of Dutch Harbor to go to 16 17 Bristol Bay to help us with enforcement there because 18 we're short on people. So I think the more voices 19 heard through our Department, even further up, Gov --20 to the Governor, just requesting more Trooper presence 21 in these rural areas is super important. Is it going to help anything, can -- is it going to change tomorrow 22 23 if a letter goes through, probably not. But I would 24 super -- really appreciate it if people start voicing 25 their opinion on that because I think it is important. 26 And even Kodiak here in the summertime we're pretty 27 depleted on Troopers and we get a lot of complaints about snagging on the Buskin or snagging here and there 28 29 because a lot of people know a lot -- most of us are gone. So it -- it's a concern for sure. 30 31 32 ACTING CHAIR SKINNER: So if we were to 33 send a letter to the Anchorage level who is that or 34 what role is that, who do we address the letter to is 35 what I'm trying to get at? And you can follow-up later 36 if you're not sure right now, just so that we send it 37 to the right place. 38 39 SERGEANT WALSH: Yeah, I mean, if -- it 40 would go to our colonel, Colonel Chastain would be the 41 highest up in the Wildlife Troopers or the 42 Commissioner, Jim Cockrell, he's our Commissioner for 43 DPS as a whole. So he overlooks the State Troopers and 44 Wildlife Troopers as well. So I think Colonel Chastain 45 would be the best. 46 47 ACTING CHAIR SKINNER: Pat, go ahead. 48 49 MR. HOLMES: I know you can't comment 50

0145 1 to this because it's political, but I think individual members of our Council and folks that we know out at 2 Unalaska could also be sending notes to Senator Stevens 3 4 and Louise Stutz. And like I say to the Governor himself and, you know, just to kind of stimulate a 5 greater awareness of this problem not only for Kodiak, 6 7 but for Unalaska in particular. And like I say boy, when you get to the Bristol Bay opening there's nobody 8 in town here, one -- one enforcement person and half 9 10 the time that's just a State Trooper and not a Fish and 11 Wildlife guy. 12 13 So anyway my hat is off to you folks 14 wherever it is, there it is. 15 16 (Laughter) 17 18 MR. HOLMES: Thank you, very much. 19 20 ACTING CHAIR SKINNER: All right. Any 21 other.... 22 23 MADAME CHAIR TRUMBLE: Madame Chair. 24 25 ACTING CHAIR SKINNER: .....comments or 26 questions. Go ahead. 27 28 MADAME CHAIR TRUMBLE: This Della. Т 29 just wanted to comment, Tyler, thank you for -- I know 30 this -- we've had lengthy discussions on this in Cold 31 Bay and it's a concern that I've heard from Cold Bay 32 for many, many years I think, especially in the August, 33 September seasons. And I appreciate the effort and I 34 did talk to our Board I think in regard to King Cove 35 corporation lands and different things that happen over 36 there. And I look forward to working with you. But I 37 just appreciate your effort and the efforts of the Troopers and working with the communities, you know, 38 39 Kodiak, Unalaska, Cold Bay, and helping try to resolve And hopefully this issue with the shortages, 40 this. 41 this is actually one of the things we should try to 42 press on our younger kids coming out of high school or, 43 you know, in -- at an age up to 25 to get involved maybe with law enforcement. It's an important issue in 44 45 our region. 46 47 Thank you. 48 49 ACTING CHAIR SKINNER: All right. Any 50

0146 1 further comments or questions. 2 3 (No comments) 4 5 ACTING CHAIR SKINNER: Okay. Seeing 6 and hearing none, thank you. And thank you a lot for 7 following -- you know, really grabbing this and running with it after the Cold Bay meeting. 8 9 10 All right. Thank you both. 11 12 Okay. So that would move us on 13 potentially to item 13k which is review and approve our 14 annual report. I'm going to pause and check in with 15 the RAC. I would suggest we at least do this next annual report item so we could do that item and break 16 17 for the day or we could plan to go closer to 5:30. So 18 however much we get through by the time we get to 5:30. 19 20 What is the preference of the group. 21 22 MR. HOLMES: Go for it. 23 24 MR. PRICE: Are you saying we can let 25 all these people go and we'll work on that? No. 26 27 (Laughter) 28 29 ACTING CHAIR SKINNER: Well, I mean, 30 the public can leave anytime they want. So I'm just 31 going in agenda order so the annual report -- this is, 32 you know, it's our report so we don't necessarily need 33 other input for that. The next item after that would 34 be the correspondence policy. So we are going toneed --35 or at least the people listed are Lisa Grediagin and 36 Robbin LaVine for that. I'm thinking that between the 37 annual report and that at the pace we've been going 38 might take us to 5:30. 39 40 How -- for the FRMP long is that, is 41 that a short one, very, very short. Okay. So 42 potentially we could get through -- we could get 43 through item O and as Jason said he kind of already did 44 item O earlier, but i'm going to make him repeat the 45 regulatory cycle. 46 47 So we'll go until 5:00 -- I mean, am I 48 hearing 5:30 or -- okay. All right. That's what we're 49 going to do. So we're going to go to approximately 50

0147 1 5:30, whatever's the natural break point either a little before or a little after. 2 3 4 Lisa. 5 6 MS. HUTCHINSON-SCARBROUGH: Yes, Madame 7 Chair, members of the Council. Just to kind of go back the last presentation and you had mentioned writing a 8 9 letter to the Troopers. And is -- if that is something 10 that the Council would like us to do then I just need 11 to have you vote on that to see if you want me to write 12 -- help you write the letter. I guess that's how that 13 works. 14 15 Thank you. 16 17 ACTING CHAIR SKINNER: Yeah, and I 18 guess I was..... 19 20 MADAME CHAIR TRUMBLE: Madame Chair. 21 22 ACTING CHAIR SKINNER: .....expecting 23 that if people wanted to come up with talking points for that we could always take it up tomorrow rather 24 25 than trying to do that right now, give people overnight 26 to do that. 27 28 And I think Della's trying to jump in. 29 30 MADAME CHAIR TRUMBLE: Yeah, just maybe 31 as a comment. I know in the past on the annual report 32 we kind of point it off toward the end of the meeting 33 because after other reports and discussion there were items we wanted to add to that or remove then we did it 34 35 So it might be just a suggestion like at that time. Lisa did mention the letter. Other things might come 36 37 up through the course of tomorrow prior to adjourning. 38 39 ACTING CHAIR SKINNER: Yeah. So my 40 plan is to have Lisa go through the annual report as it 41 is now. If people want to wait then until tomorrow to 42 do the final approval in case you want to add stuff we 43 can do that, but I definitely want to have Lisa walk 44 through what we have today. And then like I said if there's other action items like a letter I think it 45 46 would be most productive if people could think about 47 what talking points they want in that letter so that 48 when the motion is made we can give clear direction to 49 the Council Coordinator so it can be drafted. 50

Okay. So we're going to go on to item New York and approve the FY 2022 annual report. And I'll just note we may be tabling action on this until tomorrow, but, Lisa, if you could go ahead and present what we have that would be great.

## Thanks.

9 MS. HUTCHINSON-SCARBROUGH: Thank you, 10 Madame Chair, members of the Council. So just a 11 background again reminder about the annual report. 12 ANILCA established the annual reports as a way to bring 13 the regional subsistence uses and needs to the 14 Secretaries' attention. The Secretaries delegated this 15 responsibility to the Board. Section 805(c) deference includes matters brought forward to -- in the annual 16 The annual report provides the Councils an 17 report. 18 opportunity to address the Directors of each of the 19 four Department of Interior agencies and the Department 20 of Agriculture for a service in their capacity as members of the Federal Subsistence Board. The Board is 21 22 required to discuss and reply to each issue in every 23 annual report and it takes action with -- when within 24 the Board's authority. In many cases if the issue is 25 outside of the Board's authority the Board will provide 26 information to the Council on how to contact personal--27 personnel at the correct agency. As agency Directors the Board members have authority to implement most of 28 29 the actions which would affect the changes recommended 30 by the Councils, even those not covered in section 31 805(c). The Councils are strongly encouraged to take 32 advantage of this opportunity.

34 So at our last meeting we identified --35 you can look on -- so it's on Page 53 of your Council book. And it outlines the letter that was written to 36 37 the Federal Subsistence Board that you're going to either need to just adopt or modify. And we're 38 39 identifying the different concerns that you have. So 40 we had seven different concerns and I'll -- I'm not 41 going to read them entirely, but I'll talk to you about 42 the main points. So at -- anyway just at the -- the 43 letter reads that the Kodiak/Aleutian Regional Advisory 44 Council -- you apprec -- just said you appreciate the opportunity for the Federal Subsistence Board to look 45 46 at your issues for the FY 2022 annual report. And it 47 was at your public meeting held on September 21st and 48 22nd in Cold Bay that your Council identified the 49 concerns and recommendations for this report. So we're 50

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0149 1 again looking at you to approve your annual report on this date, on March 29th and 30th held at the public 2 3 meeting here today in Kodiak. 4 5 Council wishes So the to share 6 information and raise a number of concerns dealing with 7 implementation -- the implementation of title VIII of ANILCA and the continuation of subsistence uses in the 8 9 Kodiak/Aleutian region. So your first concern was 10 fisheries enforcement concern. So we just had a pretty 11 good overview on that and some updates on that. And 12 I'm not going to go into the description about that. 13 Your second item was the proposed King Cove Road. So 14 your Council wanted to see that further action 15 continues, get the project moved forward, you wanted to support that. Number 3 was the importance of holding 16 17 meetings in non-hub communities. And so I think part 18 of your concern was to try to get into a little bit 19 more of the remote communities and not just the main 20 areas which I think are currently in Cold Bay and Kodiak recently. Changing ocean -- number 4, changing 21 ocean conditions and climate change are having a big 22 23 impact on our communities and subsistence lifestyle. 24 Item 5 was a bipartisan infrastructure law, BIL, should 25 have funded weirs. 26 27 And, Rebecca, you can -- if we have questions you can talk more about that, right? 28 29 30 Number 6 is increased access to Federal 31 subsistence permits in the Kodiak and tidying up the 32 permitting process. And number 7 was Lake Andrew 33 outlet on Adak Island access to sea is blocked off for 34 fish due to ocean debris. 35 36 So, Madame Chair, members of the 37 Council, those were your four items. 38 39 Thank you. 40 ACTING CHAIR SKINNER: All right. 41 Is 42 there discussion on this. 43 44 Go ahead, Pat. 45 46 If you're receptive I MR. HOLMES: haven't.... 47 48 49 MADAME CHAIR TRUMBLE: Madame Chair. 50

1 MR. HOLMES: .....completely done my homework on this, but I'd like to suggest that on that 2 item number 1, about line 8, starts out with the 3 4 population of Unalaska is over 4,000 people and there 5 are only a few salmon streams. I'd like to add before 6 salmon, stressed salmon streams, with weak returns. 7 And I think that would juice up the whole thing and 8 really emphasize the importance. 9 10 And I'd also like to toss out for 11 discussion on number 2, the King Cove Road. I think 12 that one of the things that we haven't pointed out in 13 there is that it provides access for the King Cove 14 community, it provides access for them for subsistence 15 harvest of fish and game. So that just sticks in a little -- makes a better connection to what we're 16 17 doing. 18 19 And on the others I think those are 20 fine. I want to after what Jeff was talking about I 21 wanted to may maybe add something a little later on to 22 item 7, Lake Andrews, maybe perhaps suggesting that we 23 hope to develop a study team or get some folks with the 24 Federal and State government to develop a plan 25 basically, but I'll give you some verbiage on that in a 26 bit. 27 28 ACTING CHAIR SKINNER: All right. 29 Thanks, Pat. Della, were you trying to jump in. 30 31 MADAME CHAIR TRUMBLE: Yeah. I agree 32 with what Pat said on those items. I -- I'm not sure 33 exactly how to word this, but as we go think about it 34 maybe to add it as -- when we get to the end of the 35 meeting. But I've asked for the migratory bird reports 36 and a number of items for a reason. And the reason is 37 and, Rebecca, you kind of hit on this in a different 38 way and it's regard to region against region in regard 39 to resources. And the process I think is -- my 40 thoughts are to the Statewide level. We need to start 41 education -- educating our region on what the process 42 is in times of limited resources. I think in this 43 case, you know, I'm saying well, we don't want -- I'm 44 going to use the road as an example too only because you people will be killing off all the birds. Well, we 45 don't kill off the birds. But is there -- there's a 46 47 process that you go through and when you start seeing a 48 lack of resource in this case let's say they're birds 49 or brandt or something. You know, what is the -- what 50

1 are the steps to (indiscernible - distortion) a management team that consists of the 2 State, the Federal, here -- you're local tribal people that work 3 4 and when you have to start closing things down. But 5 when you're looking at other resources in case of 6 migratory birds or marine mammals that aren't part of 7 this system, I think we need to -- we should -- it would really be helpful to be educated on what those 8 9 processes are. And just something to think about and 10 including does it start at the top where you -- you 11 know, you've got a problem if you -- user groups, who--12 when you come down that line and realizing that subsistence users do have priority to some degree what 13 14 are your steps or the processes that are entailed in 15 making decisions. Just think about that. I'm not sure 16 of the way to word it, but.... 17 18 ACTING CHAIR SKINNER: All right. 19 Thanks, Della. You were breaking up a little there, 20 but I think we got the gist and we will think about 21 some verbiage for that. 22 23 there additional Are comments or 24 suggestions from other Council members. 25 26 (No comments) 27 28 ACTING CHAIR SKINNER: All right. I I would suggest 29 don't see anyone else's hand up. 30 definitely under item 1 the fishery enforcement 31 concerns, I would like to have a sentence included 32 expressing our appreciation for however this needs to 33 be worded, basically Tyler's efforts following the Cold Bay meeting. And I could probably come up with more 34 35 words, but basically I want to acknowledge that after 36 our Cold Bay meeting they did an awful lot to address 37 that. 38 39 And probably a similar sentence under number 7 that just acknowledges who worked on it and 40 41 the fact that there has been some effort made although 42 with Lake Andrew I think it's going to be a much longer 43 process. 44 Coral, go ahead. 45 46 47 MS. CHERNOFF: I quess I have a 48 So in number 6 when we're talking about question. 49 increased access to Federal subsistence permits, I 50

0152 1 think that was kind of my idea to like suggest something about this. But I guess my question is 2 before we send that through is -- how do they decide 3 4 which offices, like are we, ourselves able to change the offices that these permits -- because we could just 5 take care of that problem ourselves if we are able to 6 7 change what facilities these permits are offered out of. So I feel like if that -- you know, might not 8 necessarily be something that we need to address with 9 10 the Council if say our permits could be moved from the 11 Buskin Refuge to this downtown office or from the 12 Buskin Refuge out to the village councils. Then it 13 becomes a nonissue. 14 15 ACTING CHAIR SKINNER: So mγ perspective on that is if there's an identified issue 16 17 which it seems like there is documenting it is always 18 going to be helpful. And we can once even -- when we 19 document it we can still be exploring these alternate 20 paths, but I would highly recommend we document it 21 because if you don't document it it didn't happen. And 22 I don't know if Della wants to jump in, my impression 23 is that Della handles some of the permits out of her office in her area. So I do think there's flexibility. but like I said I think this should stay in there 24 25 26 because it's a real -- it's a real problem. I mean, 27 it's not a huge, huge, huge problem, but it's a real 28 problem. 29 30 And did you have additional items. 31 32 MS. CHERNOFF: I did. I just had 33 another comment about as we're commenting if someone is 34 deciding to add something how we may address that in 35 that -- like as far as the King Cove Road, if we add 36 that road which has always been put forth as an 37 emergency -- for emergency healthcare and then if we 38 add and for additional subsistence use that could cause 39 an issue with them because I think that is part of the 40 problem is that there -- there's a lot of fear that now 41 this road will be used to access resources. 42 43 So I guess I have a little trepidation 44 about adding that to it. 45 46 ACTING CHAIR SKINNER: And so on that I 47 guess would defer to Della. Della, the suggestion was 48 to add a sentence in number 2, the King Cove Road 49 paragraph, that the road could also be used for 50

1 subsistence users to better access subsistence resources. The concern has been raised that if that's 2 3 in the letter that could come back to basically bite 4 the community of King Cove because it could be used as a negative point for the road going in. 5 I, myself would definitely defer to you so if you think that is a 6 7 bad thing to include, I'm going to -- I'm going to follow your lead, if you think it would be helpful I 8 9 will follow that. 10 11 So can you speak to that. 12 13 MADAME CHAIR TRUMBLE: Thank you. Yes, 14 I think as we go through this process one of the issues 15 that came up as -- that hadn't been addressed was actually subsistence. So we are going to be working on 16 17 it anyway as we move forward. And the regulations on 18 any of these roads, the reg -- you know, the current 19 regulations you can't hunt there. You know, there are 20 regulations that Cold Bay, Izembek has on their current 21 can and can't (indiscernible systems that we 22 distortion) I think. And the bigger issue for us is basic -- is access between these communities in times 23 24 of emergencies, but just plain access. I mean, we 25 don't -- you know, the bottom line is we don't -- safe 26 access, we don't get mail for two to three weeks, we 27 get the clinic and the people running out of their meds 28 because -- and, you know, when you're having to wait 29 and then end up hauling 8,000 pounds of mail because 30 you can't -- you know, sometimes people don't get it if 31 their -- their meds are on the bottom of that stack. 32 33 So there's a lot of -- there's a lot of 34 issues to it, but it basically -- yeah, you -- I don't 35 think it's going to be a problem, it's not going to allow us to subsistence off of the road system, might 36 37 allow us to get to Cold Bay for subsistence. But yeah, 38 and I think -- I don't think it's that big of a 39 problem. The bigger issue is the safe access though. 40 41 ACTING CHAIR SKINNER: Thanks. Go 42 ahead, Pat. 43 44 MR. HOLMES: Yeah, I agree with Della on that. I spent many years out in that neck of the 45 46 woods and, you know, folks have to take a boat or 47 borrow a skiff and run across the Bay which is a really 48 exciting thing when the wind's blowing, to be able to 49 get over to where -- because that's where the red 50

1 stream is, there's nothing in King Cove. All you have over there is basically some pinks and a couple of 2 3 silvers. But that's where folks get their red salmon 4 if it doesn't come from commercial fishery. Also it's 5 the most accessible place for them to go over and go hunting, whether it's waterfowl, there's not diddley 6 7 for lakes near King Cove and also for caribou when the populations are up. So I think it's an important 8 I understand your point of view, Coral, but 9 thing. 10 that's my thoughts on that. 11 12 Thank you, Madame Chair. 13 14 ACTING CHAIR SKINNER: All right. And 15 then so my plan is to not try to approve this report right now. We'll table the approval until closer to 16 17 the end of the meeting. But I did want to follow-up on 18 Della's comment about the management of resources..... 19 20 MADAME CHAIR TRUMBLE: Correct. 21 22 ACTING CHAIR SKINNER: .....and pitting 23 And my interpretation -- part region again region. 24 interpretation of what she said is that we have 25 management systems in place that are designed to 26 effectively manage these resources and we should be using those system rather than people suggesting that 27 28 we make these emotionally based decisions that aren't 29 really related to the management systems and may not be 30 based on data because most of our management systems 31 are, you know, data based management systems. So it 32 seems like that's a -- that could be a paragraph that 33 stands on its own so that could be number 8. That 34 paragraph -- so one, I guess I want confirmation from 35 Della that that's kind of what she said or at least 36 it's related to what she said and then number 2, just 37 nods from the Council that the Council is okay with --38 is probably okay with at least drafting up a paragraph 39 that we can review tomorrow. But if everyone's not on 40 the same page I don't want, you know, I think it would be better to have an idea of that now before somebody 41 42 spends time drafting something up. 43 44 So I quess first I'll go to Della. 45 Della, did that at least relate to what you were 46 describing and then I'll ask the Council if they're 47 okay with -- if it seemed -- if they're at least 48 opening to reviewing a bigger paragraph tomorrow and 49 for the full report. 50

1 MADAME CHAIR TRUMBLE: Yes, Madame Chair. Yes, I think that the issue is each of the 2 3 agencies, whether it's migratory birds, marine mammals, 4 you know everybody's got a process in place as to what the steps are in times of the resources if there's a 5 concern on lack of resources. 6 And trying to come up 7 with some sort of a process I think that we have -that we should be educated about a little better, all 8 9 of Councils I think would be helpful for -- especially 10 some of them that are not really familiar. I think in 11 the case of the Kodiak/Aleutians we work with quite a 12 number of these organizations or agencies more so 13 sometimes than other regions do. 14 15 I agree, yes, with that. 16 17 The other thing maybe just to make a 18 note on, Rebecca, was the issue around the permits. 19 The issue around the permits is like I always volunteer 20 to do it out of my office, I didn't -- didn't -- when I worked at the tribal office, I was administrator, we 21 22 actually did it out of there. And in some of the 23 communities that's -- the tribal will be the place to 24 do it or the city office that will help with issuing 25 the permits. And I'm not exactly even sure, False Pass 26 I think may work directly with Izembek on getting their 27 permits. But I do know I -- I still hand them out here 28 in my office. 29 30 ACTING CHAIR SKINNER: All right. 31 Thanks, Della. Are there any further comments on 32 discussion before we move away from this item and again 33 I guess if I could get a motion to table this until --34 probably table it -- we'll put it right after 14f so 35 it'll be right before future meeting dates. 36 37 Go ahead, Pat. 38 39 MR. HOLMES: I'll probably make that motion. If I might suggest here's a sentence we could 40 41 include in number 7 at the end of the first paragraph. 42 Our Council encourages Fish and Wildlife Service, ADF&G 43 and the comma, Navy RAB which is the Restoration Advisory Board and the community of Adak to develop a 44 solution to maintain the outlet of Lake Andrews for 45 46 salmon. And then that'll allow particularly the Refuge 47 and Fish and Game folks to try to put together a grant 48 proposal or do some investigations on it. 49 50

0156 1 MR. KOSO: I'll second Pat's motion. 2 3 MR. HOLMES: And with done if nobody 4 objects then I'd suggest we table this until we take it 5 up again. 6 7 Thank you. 8 9 ACTING CHAIR SKINNER: Okav. Would 10 someone like to second the tabling motion. 11 12 MS. CHERNOFF: Second. 13 14 ACTING CHAIR SKINNER: All right. 15 Thank you. Okay. So we have a motion to tableit to -well, it will become -- follow after 14f so right 16 17 before the future meeting date discussion. Is there 18 any objection to that. 19 20 (No opposing votes) 21 22 ACTING CHAIR SKINNER: All right. 23 Seeing no objection we will table approving the annual 24 report so we'll revisit it tomorrow. 25 26 So the next agenda item is 131, Okay. 27 it's the updated draft Subsistence Regional Advisory 28 Council correspondence policy, 2023. This will be Lisa 29 Grediagin and Robbin LaVine. 30 31 MS. GREDIAGIN: All right. Thank you, 32 Madame Chair, members of the Council. For the record 33 my name is Lisa Grediagin and I'm the Wildlife Division 34 Supervisor with OSM. The meeting materials for this 35 agenda item can be found on Page 57 of your Council 36 book. 37 38 The Office of Subsistence Management would like your review and comments on a suggested 39 update of the current Council correspondence policy 40 which has been in effect and unchanged since 2004. The 41 42 update is meant to streamline and clarify the policy. 43 Hopefully the suggested edits eliminate any unnecessary 44 language or information, clarifies the guidance on the 45 official scope of Council correspondence, to whom 46 Councils may or may not correspond directly and the 47 process for correspondence. The draft updated version 48 of the policy can be found on Page 57. Any new 49 language is presented in bold while the proposed 50

0157 1 removed language is not represented. For comparison the existing policy can be found on Page 115. 2 3 4 The primary changes in the draft policy 5 include а shortened preamble, the introductory paragraph of the policy summarizing the intent of the 6 7 policy and the authorities foundational to the Councils. Element one uses clear language to define 8 the content and focus of Council correspondence; 9 10 element five combines elements that define the 11 correspondence process; element seven confirms that 12 Councils can submit comments on State regulatory 13 proposals directly to the Board of Fish and Board of 14 Game without review by the OSM Assistant Regional 15 Director; and element nine clarifies that Councils may not write directly to Federally elected or appointed 16 17 officials due to Hatch Act restrictions. 18 19 Finally and most importantly these 20 changes will not prevent Council members from writing 21 to whomever they wish as private citizens or in other 22 capacities. 23 24 Please take a moment to review the suggested changes or if you prefer I can read the 25 26 policy into the record. Once again please share your 27 comments and questions if you have any which will be 28 noted. The Board will taken on this draft policy 29 during the summer work session and you'll be updated on 30 the final policy at your fall meeting. 31 32 Robbin LaVine, Subsistence Policy Coordinator, is on the phone to also answer any 33 34 questions. 35 36 Thank you, Madame Chair. 37 38 ACTING CHAIR SKINNER: All right. Do 39 we have any questions or comments. 40 41 Go ahead, Pat. 42 43 MR. HOLMES: Madame Chair, it seems to 44 be pretty reasonable and particularly things like that Hatch Act, number 9. I mean, that's just the law 45 46 anyway. And I particularly like the number 7 that 47 would allow us to do some communications on other 48 issues with other groups particularly the Alaska Board 49 of Fish and Board of Game because that would certainly 50

0158 1 speed up the process of getting our input because at times things change and having to wait six months or a 2 3 year to flow it through the system I think that's 4 great. So I'd be in favor of adopting this. 5 6 Thank you, Madame Chair. 7 8 ACTING CHAIR SKINNER: Sam. 9 10 MR. ROHRER: Through the Chair. I --11 the policy item number 1, correspond --Council correspondence shall be limited to subsistence related 12 13 matters. I don't really like it being limited to 14 subsistence related mat -- that makes me nervous. Ι 15 know our RAC in the past has had disagreement over things we said are subsistence related and OSM or other 16 17 Federal agencies said no, that's not subsistence 18 related. 19 20 ACTING CHAIR SKINNER: So.... 21 22 MR. ROHRER: And -- well, and for -- I 23 mean, one prime example is the King Cove Road. We're 24 commenting on the King Cove Road. Well, who's to say 25 that's a subsistence related matter. 26 27 I have some more comments, but I'll 28 start with that one and -- and..... 29 30 ACTING CHAIR SKINNER: Yeah, I was 31 just going to say I had the same thought so I went to 32 Page 115 to look at the existing policy and my read is that the rewritten number 1 just puts it in plainer 33 34 English because it used to say the subject matter of 35 Council correspondence shall be limited to matters over 36 which the Council has authority under section 37 805(a)(3), section 808, section 810 of title blah, blah, blah. So I think all of that if you boil it down 38 39 it says the same thing, it just now says it in a plainer English. But I hear you and I share your 40 41 concern on it. 42 43 MS. LaVINE: Madame Chair. 44 45 MR. HOLMES: That's a good point there, Sam, but, you know, I think maybe that's -- if we got 46 47 something that some people might view as being iffy 48 then we need to have that sentence stuck in there, you 49 know, about providing their access to that area because 50

0159 1 that's historically where they did their subsistence 2 work. 3 4 And anyway, thank you. 5 6 ACTING CHAIR SKINNER: All right. And 7 then you had a few more, Sam. 8 9 MR. ROHRER: Yeah, but it sounded 10 like.... 11 12 ACTING CHAIR SKINNER: No, please go 13 ahead, Sam. 14 15 MR. ROHRER: Okay. I'll come -- I need 16 to formulate my thoughts on some things.j 17 18 ACTING CHAIR SKINNER: All right. 19 Chris, go ahead. 20 21 MS. LaVINE: Madame Chair. 22 23 ACTING CHAIR SKINNER: Yeah, Robbin, 24 I'm going to come back to you after Chris. 25 26 MR. PRICE: I was just going to ask the 27 Council member if he thinks that limiting that language 28 to subsistence related matters weakens the -- you think 29 our ability to do what we need to do as a group. I'm 30 wondering if that's what you're trying to say and what 31 you really mean by that? 32 33 MR. ROHRER: Through the Chair. Yeah, 34 from time to time I think it does. I think there's a 35 couple different examples I can think of, but one of 36 the -- I think one of the primary ones was back on the 37 wolf control issue on the Southern Alaska Peninsula 38 We had lots of discussion about that and some Herd. 39 head butting with our Council with -- head butting's 40 not the right way to put it, but there was some -- we 41 felt -- I mean, we certainly felt it was a subsistence 42 issue and I think there was some pushback from OSM 43 Staff on it and that notice wasn't a subsistence issue and we wanted to comment on it. So I -- it's things 44 like that. So I don't know, I don't know how we deal 45 46 with that, but there's sometimes disagreement over what we think subsistence issues cover. 47 48 49 ACTING CHAIR SKINNER: Yeah. And, I 50

1 mean, I would say the end of the sentence says and issues relative to the subsistence way of life and I do 2 3 view our role is sometimes to help people understand 4 what is relevant to the subsistence way of life because 5 it may not be obvious to people who are not living a 6 subsistence way of life. 7 8 All right. Robbin, you wanted to jump 9 in. 10 11 MS. LaVINE: Thank you, Madame Chair. 12 Actually the conversation kind of rolled back around to 13 the point I wanted to make which is when you look at 14 the language that says issues relevant to the 15 subsistence way of life. I might argue that we look to you, the members of this Council, to help us understand 16 17 what is relevant to your role on the Subsistence 18 Regional Advisory Council, and the issues you need to 19 learn more about or to teach our program about because 20 they are related. They are related to how you use and 21 rely upon the resources surrounding you. And they can 22 be resources, they can be activities, they can be 23 different social dynamics, but we do look to you to be 24 the experts to help us understand what is most 25 important to you in your role on the Subsistence 26 Regional Advisory Council. 27 28 Thank you, Madame Chair. 29 30 ACTING CHAIR SKINNER: All right. 31 I have a comment on number 5. I actually Thank you. 32 appreciate that the correspondence process is explained 33 in the updated policy. My sense is that this is what 34 is being done now so it's just basically explaining to 35 everyone this is how this works. I do suggest that -and I think this happens now. 36 After the Council 37 Coordinator drafts a correspondence that I assume a 38 draft is then sent back to the Chair to review before 39 the draft is sent to the Assistant Regional Director. 40 I guess that -- that's a question and if that's not --41 I guess if that's not how it works I would suggest that 42 that be added in. If that is how it works I would very 43 strongly suggest that that be added in. 44 45 Thanks. 46 47 MS. LaVINE: Madame Chair, this is 48 Robbin. 49 50

0161 1 ACTING CHAIR SKINNER: Go ahead, 2 Robbin. 3 4 MS. LaVINE: Thank you. That is exactly how it happens now. 5 And you're right, it 6 should be in this correspondence policy. 7 8 Thank you for noting that. 9 10 ACTING CHAIR SKINNER: All right. Are 11 there any further suggestions, comments or questions 12 from Council members. 13 14 Chris, go ahead. 15 16 MR. PRICE: I mean, I don't know if 17 this is more like a work session or what, but, I mean, 18 seems there's a lot of work we probably need to flesh 19 out in that definition of subsistence way of life 20 because there's a commercial application to almost 21 everything that happens in subsistence. Alaska Native 22 rights to handi -- you know, artwork and things like 23 that, should be -- should they be defined here or not, 24 I mean, if -- do we need to keep adding that or is it 25 included in that law, I'm not sure, that they refer to 26 on Page 115. But, I mean, are we going to go through 27 every commercial application up to subsistence, with 28 bear hunting it would be something different, with 29 caribou it might -- I mean, with birds it might be 30 different. 31 32 ACTING CHAIR SKINNER: So my suggestion is is that -- that one, the way this is written --33 34 again I think the change in how it's written really 35 just puts into plain language what it said before because before it just reference leg -- had legal 36 37 citations. So I think now it's easily understood what 38 number 1 means. Number 2 -- I think number 1 as 39 written is broad enough that we could pretty much -- we can bring up anything we want to talk about, we will be 40 41 able to explain or justify why it relates to 42 subsistence. So as written I'm confident that we will 43 be able to explain and defend and justify why our comments relate to the job we're doing here at this 44 Number 3, if we try to add in a bunch of 45 table. 46 language I'm not sure that's even going to go anywhere. 47 So number 4, I -- I mean, my recommendation is because 48 I think this is broad enough that we go with this. If 49 it turns out that it's a problem then we would 50

0162 1 absolutely be including that in our next annual report that hey, your correspondence policy has this, this, 2 and this problem in it that needs to be fixed. 3 4 5 MR. PRICE: Okay. 6 7 ACTING CHAIR SKINNER: So that would be 8 my suggestion just based on how things usually go. 9 10 Go ahead, Sam. 11 12 MR. ROHRER: Through the Chair. And, Chris, I -- yeah, I guess I -- so I appreciated what 13 14 Robbin had to say there in response that I think..... 15 16 MR. PRICE: Uh-huh. 17 18 MR. ROHRER: .....eventually got back 19 to response to my question. 20 21 MR. PRICE: Yeah. 22 23 MR. ROHRER: So the way I interpret it 24 is issues relevant to the subsistence way of life. We have to provide the link. So if there's something we --25 26 if there's something that this Council wants to talk 27 about that others feel is outside of subsistence related matters the onus is on us to provide the link, 28 what's the connection to the subsistence way of life. 29 30 And if we can provide that link then we write about it. 31 So that's -- I guess that's a challenge to us is we 32 have to -- which we should, that's our role is if 33 there's a link to subsistence then we make the link, we make that argument. So that was -- that's fair enough 34 35 in my mind. 36 37 ACTING CHAIR SKINNER: Coral, go ahead. 38 39 MS. CHERNOFF: I'm wondering also, I'm 40 sure we could all look it up ourselves, but if it's 41 possible to get these references like ANILCA title 42 VIII, 805, 808, 810, CFRs, and those things. And maybe 43 if people read them for themselves they could feel 44 better about this..... 45 MR. PRICE: Right. 46 47 48 MS. CHERNOFF: .....and what it's 49 saying. Because someone's saying this is what it says, 50

0163 1 but I guess I always like to go back and really see what it says myself. But I would like it if somebody 2 3 could do that for me, that would be easier. 4 5 ACTING CHAIR SKINNER: So are you --6 are you saying you want to have those made available 7 and read them.... 8 9 MS. CHERNOFF: Yes. 10 11 ACTING CHAIR SKINNER: .....before we 12 vote to approve this or.... 13 14 MS. CHERNOFF: I would, yeah. 15 ACTING CHAIR SKINNER: 16 Okay. All 17 right. Then the question is that something that can 18 easily -- is it in our book now and can it easily be 19 provided to us. 20 21 MS. GREDIAGIN: Yeah, we can easily 22 provide it, but, I mean, yeah, tomorrow, now like 23 immediately.... 24 25 MR. PRICE: Not right now. 26 MS. GREDIAGIN: ....right now. And I 27 28 don't know..... 29 30 MR. PRICE: Okay. 31 32 MS. GREDIAGIN: .....if we're able to 33 print anything out, I mean, we can certainly email it 34 to you.... 35 36 ACTING CHAIR SKINNER: I -- yeah, I 37 think that.... 38 39 MS. GREDIAGIN: .....but I don't know 40 what our printing..... 41 42 ACTING CHAIR SKINNER: Yeah. 43 44 MS. GREDIAGIN: ....probably the 45 Kodiak Refuge could print it, but.... 46 47 ACTING CHAIR SKINNER: I think the 48 emailing is fine.... 49 50

0164 1 MS. GREDIAGIN: Okay. 2 3 ACTING CHAIR SKINNER: ..... don't \_\_\_ 4 if we're going to look at that first I don't intend to 5 try to vote on this tonight. This will need to be 6 tabled until tomorrow as well. 7 8 Pat, go ahead. 9 10 your MR. HOLMES: Ι understand philosophy, Coral, and if that's the way you wish to 11 12 go, but I did sit down and try to read the whole thing 13 and it is way, way more complicated than these little 14 eight points. It -- it's -- or 10 points. This is --15 sort of simplifies it and the Staff has worked to make it more practical for our Council. But if that's what 16 17 you want to do that's fine, but..... 18 19 Thank you. 20 21 We'll qo Lisa ACTING CHAIR SKINNER: 22 and then Coral. 23 24 MS. HUTCHINSON-SCARBROUGH: Yeah. Yes, 25 I -- we can certainly -- I can certainly find the title VIII and send that to you in an email. And also on our 26 27 website we do have some information for the Council 28 that really simplifies title VIII. And I will find -send you a link to that as well, it kind of puts it 29 30 more in laymen's terms. So at least you can kind of 31 get a broad under -- general understanding and then you 32 can dig deeper into what it -- what the -- what the law 33 is if that would be helpful. 34 35 ACTING CHAIR SKINNER: Coral, go ahead. 36 And, Chris, do you mind hitting your microphone button. 37 38 MS. CHERNOFF: I think what I would 39 like is just the regulatory language or whatever it is, not the simplified version. And is this something that 40 41 we have to do at this meeting or can this be kicked to 42 next meeting? Just a question. 43 44 MS. GREDIAGIN: Yeah, this is your 45 opportunity to provide comments on the draft revised policy because the Board will be taking action on this 46 47 in the summer, so like July or August the Board will be 48 acting on this. And then at your fall meeting you'll 49 be informed of the Board's action on the correspondence 50

0165 policy. So this -- yeah, it kind of -- if you want to 1 have input on this policy before the Board acts on it 2 3 this is your opportunity. 4 5 ACTING CHAIR SKINNER: All right. So 6 at this point I think it makes the most sense to get a 7 motion to table this until tomorrow pending the title -- the whatever it is we're asking for, section 805, 8 808 and 810 of title VIII. So a motion to table and if 9 10 that passes this will be tabled, if it doesn't pass 11 then we'll proceed to vote on it right now. So is 12 there a motion to table until sometime tomorrow. 13 14 MS. CHERNOFF: Motion to table. 15 16 ACTING CHAIR SKINNER: All right. Is 17 there a second. 18 19 MR. PRICE: Second. 20 21 ACTING CHAIR SKINNER: All right. Is 22 there any further discussion or objection to tabling. 23 24 Pat, go ahead. 25 26 MR. HOLMES: I guess if we want to be 27 trying to get this in for the goal from OSM this has to be approved by our whole group and tomorrow will be the 28 29 last day our group is together. And so if that 30 information could get to Coral she could look at it 31 tonight and then we could proceed tomorrow. 32 33 Is that a reasonable assumption? 34 35 MS. GREDIAGIN: Through the Chair. And yeah, I mean, it 36 Lisa Grediagin for the record. 37 should not take me long at all to compile this 38 information and send it out. I mean, it won't take 39 long so yeah, I can definitely get it sent out this 40 evening. But I also wanted to clarify that while this is an action item for the Council, the action is 41 42 providing comments, it's not officially making a motion 43 and approving it. So, I mean, your Council's welcome to do that if you like, but the main action is mostly 44 just seeking feedback and collecting comments form the 45 46 Council on this, not official Council approval of it. 47 48 ACTING CHAIR SKINNER: All right. 49 Thanks. Yeah, I was looking there was an asterisk 50

0166 indicating it was an action item. So if we're going to 1 take action and make any comment we do need to do it at 2 this meeting. So this is tabled until tomorrow. 3 I 4 would suggest we do it after we approve our annual 5 report so it will be 14h, 14g is the approve annual 6 report. 7 8 Okay. It's 5:38. We can break for the 9 day or we can try to power through the FRMP since Jason 10 has waited around for us. 11 12 MR. HOLMES: Let's travel on, Madame 13 Chair. 14 15 ACTING CHAIR SKINNER: All right. Well, let's knock out items M, N and O. Agenda item M 16 17 is the Fishery Resource Monitoring Program update. 18 19 Jason Roberts, Anthropology Division, 20 OSM. 21 22 MR. ROBERTS: All right. Good 23 afternoon, Madame Chair, members of the Council. This 24 Jason Roberts again, Anthropologist for OSM. Jarred 25 Stone is also on the phone, esteemed member of the 26 Fisheries Division for OSM. And so I'll be providing 27 three brief updates here on fisheries related items. 28 29 The first is the Fisheries Resource 30 Monitoring Program. And so the Fisheries Resource 31 Monitoring Program, we had a recent funding opportunity 32 going out for new projects. That actually closed on And the Fisheries Division right now 33 February 24th 34 along with members of the Anthropology Division at OSM 35 are in the process of doing kind of preliminary analyses and evaluations of submissions for that new 36 37 And just to remind you the mission of the funding. 38 Fisheries Resource Monitoring Program is to identify 39 and provide information needed to sustain subsistence 40 fisheries on Federal public lands in Alaska. The is also designed to 41 Monitoring Program support 42 meaningful involvement in fisheries management by 43 Alaska Native and rural organizations and to promote 44 collaboration between Federal, State, Alaska Native and 45 local organizations. 46 47 The recent funding opportunity sought 48 for projects that address priority applications 49 information needs developed by all the Regional 50

0167 1 Subsistence Advisory Councils. For the 2024 funding cycle it's anticipated that they'll have approximately 2 2.5 million available for the first year of new 3 projects. And so that money is available for all the 4 5 projects that were submitted across the State so all 6 the regions. 7 8 Recent applications are currently being 9 reviewed by the Technical Review Committee and 10 summaries of project proposals submitted for your 11 region based on the priority information needs you 12 developed in your previous meetings. Those will be presented to you at your fall, 2023 meeting for your 13 14 input and recommendations on which ones you feel are 15 most relevant and important to fund. 16 17 So if there are any questions related 18 to that I'd be happy to address those questions now. 19 Jarred as well will be on the line. 20 21 ACTING CHAIR SKINNER: Any questions or 22 comments. Sorry. Can't interpret gestures at this 23 hour. 24 25 MR. PRICE: I would, I'd like to 26 comment. Thank you and can you do an overview of the 27 difference between FRMP and the Partners Program 28 and.... 29 30 MR. ROBERTS: Yeah, so I think that 31 question will be covered when I cover the update. 32 33 MR. PRICE: Tomorrow? 34 35 MR. ROBERTS: No, when I cover the 36 update.... 37 38 MR. PRICE: Tomorrow? 39 40 MR. ROBERTS: No, when I cover the 41 update for the Partner's..... 42 43 MR. PRICE: Oh, you're going to..... 44 45 MR. ROBERTS: .... Program. 46 47 MR. PRICE: Okay. 48 49 MR. ROBERTS: Yeah. 50

0168 MR. PRICE: Is the State an eligible 1 2 applicant under FRMP? 3 4 MR. ROBERTS: Yes. 5 6 MR. PRICE: Okay. Thank you. 7 8 MR. ROBERTS: Yeah. 9 10 MR. PRICE: Thank you. 11 12 ACTING CHAIR SKINNER: Sorry, I was 13 distracted. 14 15 MS. HUTCHINSON-SCARBROUGH: I'm sorry. 16 17 MR. PRICE: We're good. 18 19 ACTING CHAIR SKINNER: Okay. We're 20 good. Any other questions or comments. 21 22 (No comments) 23 24 ACTING CHAIR SKINNER: All right. So 25 that concludes that agenda item, right. 26 27 MR. ROBERTS: That -- yeah. 28 29 ACTING CHAIR SKINNER: Okay. So moving 30 on to the next one, Partners for Fisheries Monitoring 31 Program update. 32 33 MR. ROBERTS: Uh-huh. 34 35 ACTING CHAIR SKINNER: Jason Roberts, 36 Anthropology Division.... 37 38 MR. ROBERTS: All right. 39 40 ACTING CHAIR SKINNER: ....OSM. 41 42 MR. ROBERTS: Yep. Yep. So just 43 moving on here. So this winter OSM sought proposals 44 for the Partners for the Partners for Fisheries Monitoring Program to strengthen Alaska Native and 45 46 rural involvement in Federal subsistence management. 47 And I can see how this is kind of a confusing title, 48 the two of these together. 49 50

1 The Partners Program is specifically designed to fund salaries for biologists, social 2 3 scientists and educator positions in Alaska Native and 4 rural nonprofit organization with the intent of increasing the organization's ability to participate in 5 Federal subsistence management. 6 The program also 7 supports a variety of opportunities for local, rural students to connect with subsistence resource 8 monitoring and management through science camps and 9 10 paid internships. For this funding cycle it is 11 anticipated that we'll have approximately a million 12 dollars that will be available yearly. 13 14 There were 15 proposals received for The Review Panel met in mid February to 15 this cycle. determine which applicants would be funded. 16 More information about that will be provided in the near 17 18 future through a news release from the Office of 19 Subsistence Management. And Karen Hyer is a Fisheries 20 Biologist and she's the primary contact point person in 21 our office for the Partner's Program. And I can share 22 with you her contact information, her email address 23 currently is probably the best way to get her. I don't 24 know if you've heard, but our building has taken some hits recently, a cracked roof beam and so we're not 25 26 allowed in there right now. So her email address is 27 karen hyer, that's spelled H-Y-E-R @fws.gov. 28 And this concludes the Partner's for 29 30 Fisheries Monitoring Program update. 31 32 ACTING CHAIR SKINNER: All right. Are 33 there questions or comments. 34 35 MR. PRICE: Are there -- does OSM have 36 funds for habitat, habitat restoration or habitat 37 studies or habitat.... 38 39 MR. ROBERTS: For habitat restoration, 40 That generally falls outside the scope of FRMP no. 41 projects. 42 43 ACTING CHAIR SKINNER: All right. Any 44 other questions or comments on this item. 45 46 (No comments) 47 48 ACTING CHAIR SKINNER: All right. 49 Seeing and hearing none we will move on to 130, the 50

0170 1 regulatory cycle update. And again here I'm just 2 looking for a repetition of the upcoming fisheries 3 cycle and why that might be important to us. 4 5 MR. ROBERTS: All right. Jason again. 6 So just to give you all a heads up, we'll begin kind of 7 the initial phase of our next fisheries cycle during 8 your fall, 2023 meeting. At that meeting it's anticipated that we'll provide your Council with draft 9 10 closure reviews to evaluate. And so fall, 2023 meeting 11 will also be a really good time to start thinking in 12 depth about proposals you might want to submit, to 13 formalize management regulations for any of the recent 14 closure reviews that we've recently gone through, 15 particularly the ones that have been opened. So to formalize regulations that you might want to see put in 16 17 place for those as well as any other potential fish and 18 shellfish regulation changes. They'll be a formal 19 solicitation for proposals to change Federal fish and 20 shellfish regulations at your winter, 2024 meeting. 21 And so really the idea for giving you that heads up again much like with the wildlife closure reviews we 22 23 just talked about earlier in the meeting is to think 24 about kind of proposals to go alongside those reviews, 25 really to formalize the way you want to see regulations 26 going forward. Because right now if you'll remember 27 the reviews -- the closures that were opened through took in the previous 28 the actions you fisheries 29 regulation cycle, they're primarily being managed by 30 in-season managers based upon just sort of the 31 restrictions on that whole process. 32 33 And that concludes the fisheries 34 regulatory cycle update. 35 36 ACTING CHAIR SKINNER: All right. Are 37 there any questions or comments. 38 39 Chris, go ahead. 40 MR. PRICE: So are -- are you guys have 41 42 recommendations for us then on what alternatives you 43 have to use? 44 45 ROBERTS: MR. We will have 46 recommendations on the draft closure reviews that we'll 47 be presenting before you at the fall, 2023 meeting. We 48 will not have recommendations on the ones you've 49 already taken action on previously. 50

0171 1 ACTING CHAIR SKINNER: Yeah, and that being said though I think Justin is not waiting is the 2 3 wrong word, but if you called him and said hey, I want 4 to talk about some potential regulations for -- say for Unalaska, I think he's not anticipating -- he is ready 5 he's ready to have those 6 for those calls and 7 conversations to start get -- you know, discussing whatever that might want to look like or regulatory 8 9 language or, you know, to help you come up with that. 10 11 MR. ROBERTS: Yes, through the Chair. 12 That -- that's a good point. And I can get you 13 Justin's contact information if you want. 14 15 ACTING CHAIR SKINNER: Yeah, because I 16 did talk to him about that at the Federal Subsistence 17 Board meeting. 18 19 Okay. Well, thank you so much for 20 sticking around to do that. So you're off the hook for 21 tomorrow morning so that's good. 22 23 Okay. So we'll go ahead and recess for 24 the day. Just a note that I -- there's a request to 25 move D2 which is the update on subsistence research 26 projects to first thing in the morning because Jackie 27 I'm assuming has conflict later in the day. So somebody as part of that presentation has conflicts so 28 29 they've asked to move it up to first thing tomorrow 30 morning. So assuming there's no objection to that..... 31 32 (No comments) 33 34 ACTING CHAIR SKINNER: .....which I'm 35 not seeing. Okay. So we're okay if you just want to 36 make sure that..... 37 38 Okay. We'll go ahead and recess and 39 again we'll start at 9:00 a.m. tomorrow morning in this 40 room. 41 42 (Off record) 43 44 (PROCEEDINGS TO BE CONTINUED) 45 46 47 48 49 50

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