NORTH SLOPE FEDERAL SUBSISTENCE REGIONAL ADVISORY COUNCIL MEETING PUBLIC MEETING б VOLUME I Barrow Inupiat Heritage Center Barrow, Alaska February 19, 2014 9:30 a.m. 18 COUNCIL MEMBERS PRESENT: 20 Harry Brower, Chair 21 Rosemary Ahtuangaruak - Telephonic 22 Gordon Brower 23 James Nageak 24 Robert Shears 29 Regional Council Coordinator, Eva Patton 42 Recorded and transcribed by: 44 Computer Matrix Court Reporters, LLC 45 135 Christensen Drive, Suite 2 46 Anchorage, AK 99501 47 907-243-0668/sahile@gci.net

PROCEEDINGS 1 2 (Barrow, Alaska - 2/19/2014) 3 4 5 (On record) б 7 8 CHAIRMAN BROWER: Good morning 9 everyone. I'd like to call the meeting to order of the 10 North Slope Subsistence Regional Advisory Council. 11 Thank you for taking the time to be here with us this 12 morning, Council members and our Staff from the 13 different agencies and the folks that are participating 14 by teleconference. Good morning. 15 16 Again, my name is Harry Brower, Jr., 17 I'm the Chairman of the North Slope Regional Advisory 18 Council. 19 20 I'm not sure if our Secretary's here 21 this morning. 22 23 MS. PATTON: Mr. Chair. 24 25 CHAIRMAN BROWER: Yes, Eva. 26 27 MS. PATTON: Lee Kayotuk has 28 conflicting meetings. He had let me know when we 29 rescheduled this meeting for the Council. So he won't 30 be able to be attending. 31 32 CHAIRMAN BROWER: And to do the roll 33 call we'll need one of our -- will you be doing the 34 roll call to establish the quorum for our Council 35 members, Eva. 36 37 MS. PATTON: Sure, I can go ahead and 38 do the roll call. 39 And, again, to update both the Council 40 41 and the public, we still have some appointments that 42 are pending by the Secretary of the Interior, so we 43 currently have seven appointed Council members. So at 44 this time the Council makeup is seven members until the 45 appointment process is complete. 46 47 MR. G. BROWER: Just on that particular 48 note, is there nominations that are being considered at 49 this point? 50

1 MS. PATTON: Mr. Chair. Yes, there are 2 still applicants that are being considered at this 3 point. So when the Secretary's office completes the 4 appointments we may have another Council member 5 appointed. It's still pending so nothing is finalized 6 yet. And we'll have an update in the meeting as well, 7 a formal update on that process. 8 9 MR. G. BROWER: Thank you. 10 11 MS. PATTON: Thank you. Okay, roll 12 call. 13 14 Gordon Brower. 15 16 MR. G. BROWER: Good morning. 17 18 (In Inupiat) 19 20 MS. PATTON: Robert Shears. 21 22 MR. SHEARS: Present. 23 2.4 MS. PATTON: We have our vacant seat, a 25 couple vacant seats. Harry Brower, Jr., Chair. 26 27 CHAIRMAN BROWER: I'm here. 28 29 MS. PATTON: James Nageak. 30 31 MR. NAGEAK: I'm here. 32 33 MS. PATTON: I spoke with Theodore 34 Frankson last night, they have just had a death in the 35 family, Teddy will not be able to here, he may call in 36 by teleconference during parts of the meeting if he's 37 able. He had asked when we begin the meeting if we 38 would have a moment of silence for Joe Frankson, 39 whaling captain from Point Hope; Teddy's uncle. 40 41 Rosemary Ahtuangaruak. 42 43 MS. AHTUANGARUAK: I'm on. 44 45 MS. PATTON: Good morning, Rosemary. 46 So Rosemary will be joining us by teleconference this 47 morning. And we have quorum. 48 49 CHAIRMAN BROWER: Thank you, Eva, and 50 Council members.

1 Again, welcome you all to the North 2 Slope Regional Advisory Council meeting February 19 and 3 will continue through tomorrow, the 20th. We have a 4 fairly well rounded agenda at this time. 5 6 Maybe before going any further I'd like 7 to ask James to give us an invocation and keep in mind 8 that we've lost one of our whaling captains from Point 9 Hope and request for a moment of silence, but I'd like 10 to ask James to give us an invocation at this time. 11 12 James. 13 14 15 MR. NAGEAK: You could sit for this 16 one. I've got a special invocation that I wanted to 17 share with the community and those of you that are 18 listening here. 19 20 (In Inupiat) 21 22 The translation for that. 23 24 In order to have a substantial 25 lifestyle without subsidy, in the Inupiat culture, you 26 must have a subsistence lifestyle that has substance 27 for you to subsist with dignity. 28 29 And I asked -- I heard a speech that 30 was given to us as a whaling captain, and this is an 31 appropriate time to honor those that are whaling 32 captains, especially at Point Hope, and I heard a 33 speech given by Reverend Patrick Ahtuangaruak on 34 February the 11th, 1985, and I transcribed the speech, 35 it was all in Inupiat and I transcribed it and I don't 36 -- I'm hoping that I did justice to the translation, 37 and here is what he said. 38 39 Because I am Inupiat, my Inupiat name 40 is King Narlook (ph), this is Patrick Ahtuangaruak from 41 Point Hope. In English it is Patrick Ahtuangaruak from 42 Point Hope. I will be speaking of things that I know 43 and of those things that I have seen and understand. 44 We are Inupiat on the shores of the seas. We are 45 living from the east to Barter Island all the way to 46 those we don't understand, the St. Lawrence Islanders, 47 reference to the Siberian Yup'ik. We eat the animals 48 of the seas and of the land, we exist because of those 49 older than we are. We live because we follow their 50 example. Our body fluids are mixed with the blood of

1 animals, with the oil of the animals, like the Inupiat 2 of all who use the same animals. 3 4 So when I grew up, when I became aware 5 of my surroundings, I followed the hunters. I learned 6 their hunting techniques. Maybe I was destined to be a 7 hunter. I did not follow the government rule that says 8 I must go to school. I did not do this. Today I am 9 very thankful I am Inupiat living near the seas. I am 10 thankful that there are people that can govern us to 11 help us live a cautious life. Because there are three 12 different groups, the Inupiat, the White people and the 13 animals. 14 15 When I became a whaler I found it was 16 hard to handle the equipment and the people that was 17 given to us generation after generation through the 18 Inupiat to follow their teachings from time immemorial 19 so far away changing, changing, changing. 20 21 After the changes from the old ways had 22 been made I became a whaler. I was destined to be a 23 whaler in harmony with my fellow whalers. I have to 24 have this harmony. When I catch an animal I have to 25 treat it with respect accordingly. Being a descendent 26 of the Inupiat of old I must give aid through 27 compassion to anybody regardless. Whaling is not easy, 28 everything has to be readied, the umiaq, the equipment 29 and the crew. Because of the Inupiat teaching we know 30 to depend on each other with the whaling activities. 31 Because of this dependence on one another the Inupiat 32 could catch the whale. 33 34 I am not going to talk about my whaling 35 activities but I want to present my thoughts to those 36 of Barter Island and St. Lawrence Island about the 37 animals of the sea, the whales, the walrus, and the 38 belugas, those big animals. 39 We understand at Point Hope, that these 40 41 animals travel to the east and stay awhile, to return 42 here they travel. I understand little from the book, 43 White Man's Holy Book called the Living Book, today in 44 the time of change of our lives, the Inupiat, the White 45 man, and the animals, all three have breath. They have 46 one life. All three have one source of living. They 47 all eventually die. The book makes us to understand 48 that the spirit does not die, but the body does, the 49 White man and the Inupiat die, and their spirit lives 50 on. The animals follow in their purpose for living

1 allow themselves to be killed. From the Inupiat of the 2 past a covenant has been passed down, this covenant, a 3 group of intelligent people who have a good sense of 4 perception is like a book to their people. They have 5 good memories and because of them we can hunt whales 6 today. This involves hunting together, we want our 7 descendants to follow this example. Those of us who 8 are getting older, even older than I want our 9 descendants to follow the teachings and to be obedient. 10 The Inupiat of the past have a legend that says when a 11 caribou gets caught and dies it's head is severed from 12 the body and the caribou's living being leaves and goes 13 to the other caribou because the other caribou know 14 this death, they surround us living, being and 15 clothing, making it a caribou once more. This leaves 16 the first body for food for the people. 17 18 Another legend from the Inupiat 19 ancestors, those from whaling villages such as Barrow, 20 Point Hope, and St. Lawrence Island explains that the 21 whale knows where these villages are and purposely stop 22 there during their travels, similar to a human's 23 camping spot, that's allowing themselves to be killed, 24 some of them keep traveling until they reach a whaling 25 village elsewhere such as Point Hope. They camp there 26 and allow themselves to be killed. Others travel as 27 far as Barrow to camp and die. 28 29 Another old legend explains that whales 30 do not die. When the whale was caught, just the body 31 dies, but the whole whale give itself to all the 32 people. The whale being, or spirit, goes into its 33 bladder and the whaler who catches the whale removes 34 the bladder from the dead whale and brings it to his 35 village. This is the story or legend that people of 36 Point Hope have. Those whales who stop in each of the 37 whaling villages, their whole being or spirit never 38 dies. 39 And when autumn comes to Point Hope 40 41 people have a holiday at the community center. They 42 stop working and sit around watching the whalers begin 43 work on the whale bladders. After they inflate the 44 bladder they hang it up from the main beam of the 45 community center. According to the calendar it starts 46 to freeze in our land in October, this is the time they 47 work on the bladders and the whales return. 48 49 These whales know of the one that 50 decided to camp here and when they get to the camp,

1 that that whale's spirit or being returns to the living 2 whales. The returning whales listen to the whale that 3 had been camping. He tells them that his hosts were 4 good to him. Some of the whales tell the returning 5 whales that their hosts did not treat them right. The 6 whale that had good hosts begin to wish, you know, that 7 it will camp there again the following year. The other 8 whale that did not have good hosts says that it will 9 not camp there ever again, but will go to a different 10 whaling crew next year. 11 12 To the White people, the stories of the 13 Inupiat are unbelievable. We, who are getting older, 14 believe these Inupiat stories. We believe when you 15 hunt the animals in harmony you won't have problems 16 catching the animals. This is what needs to be thought 17 about. If the hunters from Barter Island to St. 18 Lawrence Island hunt in harmony the animals will 19 continue to be caught. 20 21 Because of the change in our lives 22 today it's getting harder to do anything without an 23 education. So educate yourselves and govern yourselves 24 well in the correct way. Your fellow villagers will be 25 happy, they will commend you from everywhere when good 26 decisions for the people are made. 27 28 I say the White people's decision 29 governing regulations about all the animals have heard 30 us. It has been three, almost four years, we have done 31 what they have told us to do. We obeyed. I say that's 32 enough. You made us suffer long enough. You have made 33 us feel like, feel as though we were in jail, and this 34 is the reference to the International Whaling 35 Commissions quota limiting the whale harvest, we need 36 to be in harmony today making it easier concerning our 37 animals. We are hoping that harmony will come with the 38 hunt. 39 40 Thank you, that is all. 41 42 And my sister, Martha Akien, wrote a 43 poem about the whales and I want to end with that one. 44 45 The Whale, by Martha Nageak Akien, 46 December 20, 1983. 47 48 The whale is so big and so graceful. 49 Our fathers and their fathers 50 appreciated you. Your existence gave

1	them meaning for life, just to have
2	your visitation was all they wanted.
3	
4	The whale is so mighty and yet so
5	gentle, he's an inspiration in a family
6	
	unity. Your visitation is so important
7	to all that any and important advice is
8	respected.
9	
10	The whale is so huge yet admirable. In
11	order to claim your visitation,
12	singlehandedness was out of the
13	question, thus a man of eminence with a
14	
	crew was provided.
15	
16	The whale is so tasty and edible, so
17	good and so essentially needed, thus
18	the story is foretold that the captain
19	and his wife will always be generous
20	and respected.
21	
22	The whale is so big, yet playful.
23	Excitement begins to occur as your
-	
24	arrival time draws near. Sleepless
25	expectancy hangs on when the whale goes
26	by so do not blame us when we get all
27	excited.
28	
29	The whale is so big and so graceful.
30	What more can I ask for. If I can have
31	your piece of muktuk and every part of
32	you for me to nibble, I'm contented.
33	One whale, 10 whales, 20 whales will
34	last a little longer providing us with
35	some to share at (In Inupiat),
36	Thanksgiving and Christmastime.
37	
38	Everyone is excited.
39	
40	Thank you.
41	
42	(Moment of silence)
43	(Momente of Stience)
44	CHAIRMAN BROWER: Thank you, James.
	That's very inspiring and hopefully it reaches a lot of
	people in the sense that we need to be respectful to
47	the animals that we subsist off of, and, thank you.
48	
49	MR. NAGEAK: I wanted to share that.
50	

1 CHAIRMAN BROWER: Uh-huh. 2 3 MR. NAGEAK: I asked you about that 4 whaling now and then you hadn't heard about it. 5 б CHAIRMAN BROWER: Yes. Again, thank 7 you. And following our agenda before us we have the 8 review of the agenda at this time regarding the 9 contents of the agenda we have: 10 11 The election of officers. 12 13 Review and approval of previous 14 minutes. 15 16 Reports from Council member reports. 17 18 Chair's report. 19 20 Public and tribal comments on non-21 agenda items. 22 23 Old business. 24 25 Road to Umiat, status update. 26 27 Wildlife regulatory proposals. 28 29 Customary and traditional use 30 determination update. 31 32 Rural determination process. 33 34 Briefing on Fisheries Resource 35 Monitoring Program. 36 37 Presenters under that Brendan Scanlon 38 on Dolly Varden. 39 40 Update from the North Slope Science 41 Initiative from Denny Lassuy. 42 43 Call for proposals. 44 45 Review and approve draft 2013 annual 46 report. 47 48 Tribal consultation implementation and 49 ANCSA consultation policy. 50

1 2		Council nomination process and outreach.
3 4		Agency reports.
5		Agency reports.
5 6 7		Special action requests.
8		Alaska Department of Fish and Game
9		caribou update regarding Teshekpuk.
10		
11		Presentation on broad whitefish
12		pathology report for Nuiqsut. This is
13		going to be happening tomorrow at 9:00
14		a.m.
15 16		Tribal governments.
17		TTIDAT GOVETIMETICS.
18		Alaska Native organizations.
19		
20		On Thursday between 1:30 and 2:30 p.m.,
21		we have Pat Pourchot and Tommy
22		Beaudreaux, we'll have Lumpy here.
23		
24		These are some of the changes to the
	agenda that we'v	ve added on.
26 27		DIM Duracy of Lond Management
27 28		BLM, Bureau of Land Management.
29		United States Fish and Wildlife
30		Service.
31		
32		National Park Service.
33		
34		Alaska Department of Fish and Game.
35		
36		Office of Subsistence Management.
37 38		Future meeting dates, confirm date and
39		location of fall 2014 meeting, select a
40		date and location for winter meeting
41		2015.
42		
43		Closing comments.
44		
45		Adjournment.
46		
47	+ -] f	We also have participants on the
		to be kept in mind. So we'll and
		oublic comment timeframe that we'll also as we go through some of our proposals
50	ac constructing a	we go enrough bome or our proposars

1 or any of our agenda items. 2 3 MR. G. BROWER: Mr. Chair. 4 5 CHAIRMAN BROWER: Gordon. б 7 MR. G. BROWER: Yeah, Mr. Chair, I make 8 a motion to accept the agenda as read with the changes. 9 10 CHAIRMAN BROWER: Motion on the floor. 11 12 MR. NAGEAK: I second the motion, 13 James. 14 15 CHAIRMAN BROWER: The motion's..... 16 17 MS. AHTUANGARUAK: Question. 18 19 CHAIRMAN BROWER:been seconded. 20 Any further discussion on the agenda. 21 22 (No comments) 23 24 CHAIRMAN BROWER: I'm sorry, Rosemary, 25 you were kind of broken up, I didn't quite hear what 26 you said. 27 28 MS. AHTUANGARUAK: Call for question if 29 we have no further discussion. 30 31 CHAIRMAN BROWER: Question's been 32 called on the motion to adopt the agenda with the 33 modifications included. 34 All in favor of the motion signify by 35 36 saying aye. 37 38 IN UNISON: Aye. 39 40 CHAIRMAN BROWER: Opposed, say nay. 41 42 (No opposing votes) 43 44 CHAIRMAN BROWER: Thank you, Council 45 members. 46 47 We have an agenda before us. 48 49 At this time we'd like to ask the 50 Council as to how you wish to proceed with the election

1 of officers. I just want to remind you that we have 2 five of us on line, and we have the remaining Theodore, 3 Lee who have been excused and then we have the pending 4 members yet to be brought in. 5 б MR. G. BROWER: Mr. Chair. 7 8 CHAIRMAN BROWER: Yes, Gordon. 9 10 MR. G. BROWER: Maybe it would be 11 appropriate to ask our coordinator what is the protocol 12 here when we have folks that are not present and 13 pending nominations with -- I think we're barely making 14 a quorum today, and is an election in order at this 15 time or should -- I think maybe the need to table that 16 might be exercised. 17 18 MS. PATTON: Through the Chair. 19 20 CHAIRMAN BROWER: Yes, Eva. 21 MS. PATTON: It's at the wish of the 22 23 Council considering there are pending members who may 24 participate and also members who are elected officers, 25 so it's at the Council's wish, if you wish to table 26 that until the next meeting with a full Council 27 present. 28 29 MS. AHTUANGARUAK: I agree with Gordon, 30 I think we need to allow us to have a full quorum for 31 us to move forward -- or to continue with what we have 32 until we can do that. 33 34 MR. G. BROWER: Mr. Chair. 35 36 CHAIRMAN BROWER: Yes, Gordon. 37 38 MR. G. BROWER: I make a motion to 39 table the election of officers to the next meeting. 40 41 CHAIRMAN BROWER: Motion on the floor 42 to table the election of officers. 43 44 MR. SHEARS: Second. 45 46 CHAIRMAN BROWER: Seconded. Further 47 discussion. 48 49 50 (No comments)

1 MR. NAGEAK: I call for the question. 2 3 CHAIRMAN BROWER: Question's been called on the motion to table the election of officers 4 5 at this time. All in favor of the motion signify by б saying aye. 7 8 IN UNISON: Aye. 9 10 CHAIRMAN BROWER: Opposed, say nay. 11 12 (No opposing votes) 13 14 CHAIRMAN BROWER: None noted. Thank 15 you. 16 17 So the election of officers has been 18 tabled. 19 20 Moving on to the next agenda item, 21 review and approve previous meeting minutes. 22 23 MS. PATTON: Mr. Chair, if I may. 24 25 CHAIRMAN BROWER: Yes, Eva. 26 27 MS. PATTON: We did some introductions 28 with folks on line before the Council convened, if 29 there would be a moment to introduce folks who are on 30 line and in the audience who have joined us here today. 31 32 Thank you. 33 34 CHAIRMAN BROWER: Yes, we can 35 definitely do that and thank you for that reminder, 36 Eva, I'm just looking to get started with our agenda 37 and we're falling behind some this morning, but we can 38 definitely allow that. 39 So we'll start with the folks that are 40 41 present here at this time. 42 DR. YOKEL: Good morning, Mr. Chair. 43 44 My name is Dave Yokel and I'm with the Bureau of Land 45 Management. 46 47 CHAIRMAN BROWER: Thank you, Dave. 48 49 MS. PETRIVELLI: Pat Petri..... 50

MS. INGLES: Palma Ingles, OSM. 1 2 MS. PETRIVELLI: Pat Petrivelli with 3 4 the Bureau of Indian Affairs. 5 6 CHAIRMAN BROWER: Thank you, Pat. 7 8 MR. CARROLL: I'm Geoff Carroll, Alaska 9 Department of Fish and Game. 10 11 CHAIRMAN BROWER: Thank you, Geoff. 12 13 MR. HOPSON: John Cody Hopson with ICAS 14 here in Barrow. 15 16 17 MR. MATHEWS: Vince Mathews with 18 Arctic, Yukon Flats and Kanuti Refuges. 19 20 CHAIRMAN BROWER: Thank you, Vincent. 21 22 DR. JENKINS: Good morning. I'm David 23 Jenkins, Policy Coordinator for Subsistence Management. 24 25 CHAIRMAN BROWER: Thank you, David. 26 27 MR. LEAVITT: Good morning. Isaac 28 Leavitt from Department of Wildlife. 29 30 CHAIRMAN BROWER: Thank you, Isaac. 31 32 MR. ADAMS: Good morning. Billy Adams, 33 North Slope Borough Wildlife Department. 34 35 CHAIRMAN BROWER: Thank you, Billy. 36 37 MR. G. BROWER: Good morning, Billy. 38 39 MR. ADAMS: Good morning Gordon. 40 CHAIRMAN BROWER: Then we had another 41 42 person that introduced theirself but I couldn't catch 43 their name on the teleconference. 44 45 MR. BROOKS: Good morning, Mr. Chair 46 and Council members. My name is Jeff Brooks. I'm a 47 social scientist in the Office of Subsistence 48 Management here in Anchorage. 49 50 CHAIRMAN BROWER: Thank you, Jeff.

1 MR. BROOKS: You're welcome, sir. 2 MR. MCKEE: Chris McKee, wildlife 3 4 biologist OSM in Anchorage. 5 б CHAIRMAN BROWER: Chris? 7 REPORTER: Yes. 8 9 10 MS. AHTUANGARUAK: Rosemary 11 Ahtuangaruak, Barrow. 12 13 CHAIRMAN BROWER: I didn't catch the 14 other.... 15 16 MR. SHARP: Dan Sharp with Bureau of 17 Land Management, Anchorage. 18 19 CHAIRMAN BROWER: Rosemary and who? 20 21 MR. SHARP: Dan Sharp with Bureau of 22 Land Management, good morning. 23 24 CHAIRMAN BROWER: And Darryl? 25 26 REPORTER: Dan. Dan Sharp, BLM. 27 28 CHAIRMAN BROWER: Dan, okay, thank you, 29 Tina. 30 31 MS. YUHAS: Good morning, Mr. Chairman 32 and Council members. I apologize I'm not in Barrow 33 this time. This is Jennifer Yuhas with the Alaska 34 Department of Fish and Game calling in from Fairbanks. 35 36 CHAIRMAN BROWER: Thank you, Jennifer. 37 38 Did we miss anybody else on the 39 teleconference. 40 41 MR. HOPSON: John Cody Hopson with ICAS 42 here in Barrow. 43 44 CHAIRMAN BROWER: Thank you, John Cody. 45 46 MS. OKADA: Marcy Okada with National 47 Park Service in Fairbanks. 48 49 CHAIRMAN BROWER: Marcy? 50

1 REPORTER: Marcy Okada, National Park 2 Service. 3 4 CHAIRMAN BROWER: Marcy. Thank you, 5 Marcy. б 7 Any other participants on the 8 teleconference. 9 10 11 (No comments) 12 13 CHAIRMAN BROWER: And then we have Eva. 14 15 MS. PATTON: Eva Patton, Council 16 coordinator. 17 18 CHAIRMAN BROWER: And our one and only 19 court reporter, Tina. 20 21 REPORTER: Tina. 22 23 (Laughter) 24 25 CHAIRMAN BROWER: Tina. 26 (Laughter) 27 28 29 CHAIRMAN BROWER: So did we get 30 everybody here -- okay, we have one more person if 31 you'd come up to the mic please. 32 33 MS. HYER: Good morning, Chairman and 34 Council members, I was busy making the coffee. I'm 35 Karen Hyer. I'm a fisheries biologist with the Office 36 of Subsistence Management. 37 38 CHAIRMAN BROWER: I think that pretty 39 much covers all our introductions at this time. I want 40 to thank you all for introducing yourselves, even those 41 ones that are invisible this morning, over the 42 teleconference. 43 44 So we'll begin with our next agenda 45 item, review and approval of the previous meeting 46 minutes. Maybe, Eva, if you could help me identify, I 47 think they're in our meeting document that we have this 48 morning. 49 50 MS. PATTON: Mr. Chair. Yes, beginning

1 on Page 4 of your meeting books are the previous 2 meeting minutes. 3 When we met yesterday James Nageak had 4 5 a couple edits to make to those minutes. б 7 CHAIRMAN BROWER: Uh-huh. 8 9 MS. PATTON: If others have any edits 10 or additions. 11 12 CHAIRMAN BROWER: So these are the 13 minutes, the North Slope Regional Advisory Council 14 public meeting held at the North Slope Borough Savaat 15 Center, Barrow, Alaska, August 20 and 21, 2013, which 16 are on Page 4 of your meeting packet for your 17 consideration, Council members. 18 19 MS. PATTON: Mr. Chair. One edit that 20 Roy had noted was -- or James had noted..... 21 22 CHAIRMAN BROWER: Eva, I'd like to get 23 a motion and then get into discussion, maybe we'll do 24 that first Eva. 25 26 MR. NAGEAK: I move to accept the 27 minutes of August 20 and 21st 2013. 28 29 CHAIRMAN BROWER: Motion on the floor 30 to accept the.... 31 32 MS. AHTUANGARUAK: Seconded. 33 34 CHAIRMAN BROWER:August 20, 21, 35 2013 meeting minutes. 36 37 MS. AHTUANGARUAK: Second. 38 39 CHAIRMAN BROWER: Seconded for 40 discussion. 41 42 Eva. 43 MR. NAGEAK: Yes. 44 45 46 CHAIRMAN BROWER: Or James. 47 48 MR. NAGEAK: Mr. Chair. I was reading 49 the minutes and on the Council member present my name 50 was not on there and all of a sudden I'm talking in the 1 minutes.... 2 3 (Laughter) 4 5 MR. NAGEAK:so I want to make 6 that correction that I was here. 7 8 And also on Page 11 there was a typo 9 that I found in that first paragraph. It says that 10 Council member James Nageak shared from the community 11 and about five lines down it says; and school also 12 participate in working though big issues -- it should 13 be through big issues, okay, that's the one I found. 14 Other than that I didn't..... 15 16 CHAIRMAN BROWER: On Page 11 you said? 17 18 MR. NAGEAK: Yeah, on Page 11 there was 19 -- I think it's a -- I call it a typo. 20 21 MR. SHEARS: First paragraph, fifth 22 line. 23 24 MR. NAGEAK: Yeah, one, two, three, 25 four, five -- fifth line down, yeah; working through 26 big issues, should be, right. 27 28 MS. PATTON: Okay. 29 30 CHAIRMAN BROWER: Okay. 31 32 MR. NAGEAK: I took English through 33 freshman, sophomore, junior and senior year in high 34 school so.... 35 36 CHAIRMAN BROWER: Okay. 37 38 MR. NAGEAK:I learned English 39 through the -- what did they call that, the process 40 where you have a subject and a verb and the 41 prepositional phrases and all of those things; I 42 learned pretty well when I was going to school for the 43 English language. 44 45 (Laughter) 46 47 CHAIRMAN BROWER: Thank you, James. 48 Add on James' name to the Council members present and 49 then James identified Page 11, the fifth sentence on 50 the first paragraph; working through. So those are the 1 two that have been identified at this time. 2 MR. NAGEAK: With those corrections I 3 4 ask for the question. 5 б CHAIRMAN BROWER: Question's been 7 called on the motion to approve the meeting minutes of 8 August 20, 21, 2013, all in favor of the motion signify 9 by saying aye. 10 11 IN UNISON: Aye. 12 13 CHAIRMAN BROWER: Opposed, say nay. 14 15 (No opposing votes) 16 17 CHAIRMAN BROWER: None noted. Thank 18 you, Council members. 19 20 We have approved the meeting minutes of 21 August 20, 21, 2013. 22 In regard to our next agenda item we'll 23 24 be going on to reports. 25 26 Council members, I'll give you all an 27 opportunity to provide reports within your respective 28 communities or activities that you wish to share with 29 the rest of the Council at this time. 30 31 MR. G. BROWER: Mr. Chair. 32 33 CHAIRMAN BROWER: Gordon. 34 MR. G. BROWER: This is Gordon Brower, 35 36 for the record, from Barrow, Alaska. I'll start off 37 with making a Council member report since I usually get 38 talkative in concerns. 39 My area, there's a few of us here that 40 41 could say my area, I guess, from here, but I'm 42 basically -- my subsistence around Barrow, around 43 Tsigaralik Lake on up to Ikpikpuk. I went up fall 44 fishing, fall caribouing. I did get like four caribou 45 in August but my September caribou, this is probably 46 the third or second year I am very troubled about where 47 the caribou went. Between Alaktak, Ikpikpuk, and 48 Topagoruk primarily between Alaktak and Chip going up 49 through Ikpikpuk, you know, that area, there's a common 50 area that goes -- very large movement of animals

1 through there. It's -- ever since I was a little 2 person to growing up to hunt in these areas, it's 3 always a sure thing, and I'm just alarmed that the 4 level of change in movement in this area. And, you 5 know, I usually have maybe 20 bulls by about October 5, 6 by that time, and I'm a whaling captain too, I don't 7 just hunt for myself, I hunt for feeding my crew on the 8 ice. I'm just highly alarmed that it was very difficult 9 to search for these animals. There's a major thru-way 10 right there. 11 12 I bring this to light because there's 13 conexes placed by USGS right in the middle between 14 PK13, Nageak Camp (ph) and Warren Matumiak's house by 15 Alaktak, in the middle right there and you go up and 16 take a elevation look from there you'll see tracks, 17 major highways that these caribous have made. And in 18 my own view as a hunter that's a -- to me, that's 19 alarming. We don't usually go putting infrastructure 20 where major areas are going back and forth, we're by 21 the rivers where they can follow along and on the other 22 side. I'm afraid that there are some impacts there. 23 When I take a look over there there's also, I think, 24 eight bright red dome tents with a whole bunch of young 25 scientists. You know it's good to have scientists and 26 students working out there but I wouldn't use real 27 bright orange/red tents, I'd be using camouflage stuff 28 and hide as much as possible, especially in an area 29 where major movement of caribou are expected to happen. 30 31 I think there's a perception that 32 you're not making an impact because you're not hunting 33 them but when you're seen and caribou make another 34 trail and then we got to figure it out, these trails 35 are thousands of years old that they use over and over 36 and over again. And I'm afraid that they're making new 37 trails elsewhere and then we have to figure that out. 38 Because once they make new trails then they're going to 39 start sticking with that trail. 40 41 Those are my concerns about caribou in 42 that area. 43 44 I'm highly alarmed. There's been 45 concerns from PK13 to 10.5 on the Chip and Ikpikpuk 46 about the availability of caribou for several years 47 now, and a lot of folks over there are blaming these 48 studies going on with their little airplanes. We see 49 dive bombing going on with these airplanes. I watched 50 one myself. I don't know if it was related to the

1 studies but it was like a camouflage Caravan and it was 2 circling, going down and up on these caribou and I really don't know what's going on with these, what 3 4 folks are doing. 5 6 It should be alarming to other people 7 to hear these kind of things from subsistence folks. 8 And, I, as a land manager, too, am, you know, highly 9 alarmed at this kind of activity. 10 11 Other than that I just want to also 12 report that fishing, I do a lot of fishing for our 13 community, and I did get kind of a late start, the 14 freeze up is very different all the time. I'm always 15 so much teetering on whether I'm going to get them 16 during the peak time and the peak time to get the 17 prized fish for our community. I missed it last year. 18 I maybe only made two sacks. This year I went to 19 another river about maybe a mile down river to Qkwanaik 20 (ph), which is connected to Ikpikpuk so it'll get some 21 fish with eggs in there. And that's where I started my 22 fishing and, you know, it's always very -- you know, 23 you have to be very careful. But the freeze up, I 24 think, is affecting fishing. It's either the ice is 25 not stabilizing enough to go on top or there's just ice 26 flows that prevent us from fishing. Even though I made 27 a good catch, I made 40 sacks, but weather is not 28 cooperating, I need to do something to preserve the 29 eggs, you know, the way they need to -- the way the 30 community likes it anyway, they like to have it when 31 the eggs are bright yellow, not bloody orange. 32 33 (Laughter) 34 35 MR. G. BROWER: But I can't seem to 36 keep up with the weather. It's just -- I could 37 remember fishing, it's September 18, we got nets under 38 the ice and fish are frozen solid and we got sacks and 39 sacks and sacks of them. It's very difficult to 40 achieve that unless I start to use modern technology 41 and get some freezers up there and do some other 42 things. It's just getting difficult. But the fishing 43 part, I managed to be able to do some fishing, but 44 preserving them was very difficult. 45 46 With that, I will -- that would be my 47 report. 48 49 Thank you, Mr. Chair. 50

1 CHAIRMAN BROWER: Thank you, Gordon. 2 Any other Council members, any of them have some 3 questions or comments to Gordon's report. 4 5 (No comments) 6 7 CHAIRMAN BROWER: None. Otherwise, 8 James. 9 10 MR. NAGEAK: Mr. Chair. 11 12 CHAIRMAN BROWER: Yes, James. 13 14 MR. NAGEAK: My name is James Nageak. 15 I represent the Anaktuvuk Pass area, Gates of the 16 Arctic National Park, right in the midst of it. 17 18 And luckily we have been able to --19 luckily we were there -- the people were there before 20 the Gates of the Arctic became a reality and we're 21 always thankful for the opportunity to subsist in that 22 area. But like Gordon mentioned, that there are some 23 environmental changes that are happening in the state 24 of Alaska, I guess, and all of the bad weather are 25 moving to the East Coast of United States and it's 26 affecting us. 27 28 The change in the migration of the 29 caribou is one concern that we have. Luckily the 30 Western Herd goes to south of us from the west and go 31 through there and circle around, right around August, 32 July, August, in that area when they became to be nice 33 and fat. Luckily we get that particular group of 34 caribou. But the main activity that the Inupiat people 35 always look for are the migration of the caribou going 36 into the valley in the falltime. It's getting to a 37 stage where the caribou are staying on this side of the 38 mountains and coming through Anaktuvuk Pass after the 39 bulls have rutted. So the Inupiat people don't hunt 40 the bulls when they are rutted, they have a distinct 41 taste that are not good for your tastebuds. And so 42 what happens then is that we start catching the cows 43 and the young bulls when they come through, late coming 44 through Anaktuvuk Pass. 45 46 That has been a concern. 47 48 And luckily this year the caribou that 49 came late stayed around. They're staying up in our 50 area. For the first time in quite a while I went out

1 on my snowmachine and went about a mile and a half from 2 the village and shot a caribou and it was fat. This 3 year the caribou are fat. They're really nice. And in 4 that group of caribou I saw one with a collar on it, 5 maybe Geoff could figure out where that caribou came 6 from and it's still around our area, at Anaktuvuk Pass. 7 So if that collar is being able to be recognized by the 8 scientists or the people who know how those things 9 work, they would know where that particular group of 10 caribou who are staying in our area this winter. 11 12 The other thing that happened this year 13 is that it's been so warm. We were hunting caribou 14 with eight-wheelers, ARGO, last part of August -- last 15 part of October, which is very unusual. By the first 16 week of October there's usually a lot of snow that we 17 cannot use the ARGO to go hunting but this year we did, 18 which was nice, but the caribou came late so we 19 couldn't get the big caribou that we get for drying 20 everybody likes the dry meat that comes out of 21 Anaktuvuk Pass but it's getting harder for us to 22 accumulate that dry meat because the bulls are coming 23 after they have rut. So we're sorry that we can't 24 provide the whaling captains an opportunity to have 25 some dried meat for your whaling crew when you go 26 whaling in the springtime. 27 28 And also this year, people, because it 29 was so nice in January, the people that like to jig, 30 ice fishing, went to Chandler Lake and normally, you 31 know, we use the augers that we start the engine and we 32 use those augers to go through the ice, normally have 33 -- we used to have three extensions on the three foot, 34 a meter long auger, we used to have three extensions to 35 go through the ice at Chandler Lake in the wintertime 36 but this year, last month, they said they didn't even 37 need -- in some areas they didn't even need extension, 38 the ice at Chandler Lake is so thin this year because 39 of the unusual falltime -- or unusual winter that we've 40 been having this year. And -- which is nice for us old 41 people, we don't have to work so hard to drill through 42 that ice, and in some areas you only need one extension 43 I hear. 44 45 Other than that we have -- of course we 46 have concerns about development around the northern 47 part of the Brooks Range. I'm glad that the road to 48 Umiat has been -- I don't know whether it's been 49 stopped or not, it's been delayed enough for us to not 50 have to worry about it very long.

1 Thank you. 2 3 (Cell phone ringing) 4 5 MR. NAGEAK: My dogs. 6 7 (Laughter) 8 9 CHAIRMAN BROWER: Thank you, James. 10 11 MR. G. BROWER: Mr. Chair. 12 13 CHAIRMAN BROWER: Gordon. 14 15 MR. G. BROWER: I just wanted to add 16 two things that kind of prompted from James' dialogue 17 here. 18 19 There's caribou around Barrow and I'm 20 having my son go out there and make fermented caribou, 21 and it's really good to eat that stuff. And I want to 22 really emphasize the caribou in September are very 23 different from the caribou in February, March, they're 24 very different. And most of the winter ones, they're 25 -- I like to use them like my dad used them, he liked 26 to make, they call it (In Inupiat) it's fermented 27 caribou. But the main hunt, just before the rut 28 starts, is the primary time to get the caribou, in its 29 prime. And I want to really emphasize that. Because 30 just because there's caribou around doesn't mean it's 31 the same, it's different. They've already gone through 32 rut. They've already struggled and the big bulls have 33 dropped their big antlers and their survival stage and 34 the female ones are pregnant during this time of 35 season. But they're very good for making (In Inupiat) 36 the fermented caribou. 37 38 And also I wanted to mention, when I 39 started hauling fish back from Ikpikpuk back to Barrow 40 -- excuse me, I got a little something in my -- maybe 41 an eyelash -- but we put nets going up on lakes. We go 42 up and put nets in Tsigaralik and we're at the cabin at 43 Ikpikpuk for a couple days looking around for critters 44 for a little bit and then we load up fish and we head 45 back, that's about -- it's about 140 mile round trip, 46 somewhere around there, it's just fun and fantastic to 47 do that, I invite you guys to go try it, and if you're 48 Office of Subsistence then what we do to help our 49 community to have resources. But I wanted to mention 50 the Tsigaralik Lake. I don't know if that lake is

1 stressed in some way, or if it's the level, but all 2 fishermen pull their nets early and I've talked to some 3 others and they're just not catching fish in there. 4 Maybe one in a week. It was not always a big fishing 5 hole but you could get easily, you know, 20 fish on a 6 net but when we're down to just one and then some folks 7 are saying they didn't get anything in a week. To me 8 it's kind of alarming. So maybe something needs to be 9 looked at in Tsigaralik. I know some in the -- long, 10 long time ago, we had folks that couldn't pull their 11 net, it froze in, and the old man was always very 12 concerned about that because it would continue to fish 13 until the net deteriorated by itself. 14 15 Those are some of the concerns that I 16 would have. 17 18 That's just what I wanted to supplement 19 this. 20 21 And I would hope that from listening to 22 this if we could -- you know, Kaktovik had worked with 23 the oil industry to find a way to keep their 24 preservation of the whale in the cellars with industry 25 to find ways to help. I think there needs to be some 26 level of assistance to be able to make sure our fish --27 we have to preserve them just right. We don't always 28 want to just eat the stink fish, you know, we make a 29 lot of -- we make stink fish, too, but most of the 30 elders they like that, but most people like the fresh 31 frozen fish and I'm struggling with that and it seems 32 to me there should be some ways to get help so that we 33 could continue, especially those that fish for the 34 communities in a big way. Like I said I managed to 35 make 40 sacks and that's fishing with my son, and in 36 the past fishing with my brothers and with my dad we 37 were easily making 90 sacks, you know, it would take 38 you several months to haul all that back to Barrow, 39 four people. 40 41 Anyway, that's probably dominating the 42 dialogue here and I just wanted to add that. 43 44 Thank you. 45 46 CHAIRMAN BROWER: Thank you, Gordon. 47 Geoff, come on up to the mic if you wish to make any 48 comments, and state your name please. 49 50 MR. CARROLL: To the microphone.

1 CHAIRMAN BROWER: Yes. 2 3 MR. CARROLL: Hi, this is Geoff 4 Carroll, Alaska Department of Fish and Game. Just a 5 few things. Both James and Gordon were asking some 6 caribou questions and Billy's going to go pick up 7 Lincoln Parrett at the airport, he'll be here. He's 8 kind of our caribou expert so he can answer things in a 9 little better detail when he gets here. 10 11 But, you know, James, we -- you know, 12 those caribou that come in late at Anaktuvuk and these 13 ones that are spending the winter, there's collars up 14 there from the Teshekpuk Herd, they're -- you know the 15 Western Arctic Herd kind of come through and they go 16 their way and then the Teshekpuk ones usually are the 17 one that comes in later in the winter and sometimes 18 stays around Anaktuvuk. So, anyway, and -- I don't 19 know, Lincoln might have some information on caribou 20 movements through your hunting area but I better let 21 him answer on that. 22 And, you know, your fishing, you talked 23 24 about Tsigaralik Lake, you know, I've had this little 25 fishing operation at Ikrogovik (ph) for many years, I 26 catch enough fish to feed my dogs all year and, yeah, 27 this last winter we caught, you know, way, way few --28 you know, less than a third of what we've ever caught 29 before. The issue there was that the outlet washed out 30 during the last two summers. I think that the ground 31 has become so much softer that it washed out and the 32 whole lake dropped two feet and so that puts it -- you 33 know, it only ever was about seven feet deep and that 34 dropped it down to about five feet and it's not 35 probably a good overwintering lake anymore and, you 36 know, I don't know if anything's going on like that 37 with, you know, if -- I -- you know, I keep pretty 38 close tabs on water level and stuff like that, I don't 39 know if anything like that's going on with other lakes 40 but, yeah, it sure made a big difference in that one. 41 42 MR. G. BROWER: Mr. Chair. 43 44 CHAIRMAN BROWER: Go ahead, Gordon. 45 46 MR. G. BROWER: You know that's an 47 alarming concern. When we're talking about warming, 48 the freeze up is late, it's -- sometimes I want to do 49 something to stop all the ice flow and let it bunch up 50 where I can walk on it by myself and mechanically try

1 to let it stop..... 2 3 (Laughter) 4 5 MR. G. BROWER:and -- but the 6 lakes themselves that are at risk from maybe warming 7 trends, the thaw as it comes down, the active layer 8 going way down could have a tendency to be washed out 9 during the spring because the active layers further 10 down or when there's little stream, and that could --11 there should be some level of study on our lakes and I 12 think this has been brought up more than once that if 13 we're going to have warming trends we need to look at 14 our lakes because those could basically vanish in some 15 cases. I've seen lakes completely dry out where we 16 used to have water holes, and suddenly create a stream 17 on it and then you have, you know, it was gone. 18 19 Anyway, thank you for your observation 20 as well there, Geoff. 21 CHAIRMAN BROWER: Thank you, Gordon. 22 23 24 MR. CARROLL: Yeah, we kind of saw this 25 coming over the last couple summers it was kind of 26 interesting, you know, there's always been kind of a 27 trickling stream that comes out of that lake and then 28 two summers ago a waterfall developed in that stream 29 and we just watched that waterfall march right up to 30 the lake and poossh (makes sound). Yeah, we were kind 31 of wondering if it was going to be a total drainage, 32 too, you know, once that water starts flowing it causes 33 things to erode faster and faster and it kind of 34 dropped a couple feet and that's about it. Yeah, we 35 were thinking about seeing if we could go and put a dam 36 in there or something and see if we could stop the 37 drain but I guess you can't really do that either. 38 39 So, okay, thank you. 40 CHAIRMAN BROWER: Thank you, Geoff. I 41 42 could provide some comments as well similar to what 43 Gordon, you see, I have a cabin up in that area too, 44 around the Chipp River in terms of what you were 45 reporting and sightings of aircraft and other types of 46 activity happening out there besides hunting. There's 47 a lot of research happening out along that Chip and 48 Cape Simpson and up into that area, up into near the 49 Sinclair Lakes up into the Teshekpuk Lake areas, in 50 those areas where we do a lot of hunting. And, you

1 know, I have similar observations as well and, you 2 know, how do we remedy the problems that are created 3 from the lack of communications and the interactions of 4 our resource managers in this increase of research 5 activities on the North Slope. You know I tried to 6 think on my own at points in times of when the 7 resources are not available when they used to be in 8 those areas. 9 10 I have to say there's a lot of aircraft 11 being used, helicopters, float planes being used in the 12 areas where it did not have a presence before. And 13 observations of the movement of caribous and the 14 availability for the hunters to take the resources are 15 -- creates a hardship when they're not there. 16 17 I mean I've made several attempts over 18 the course of course of last summer to my cabin at Chip 19 Zero and seeing all this activity happening within 20 those lakes just to the east side of my cabin in the 21 area of Gordon describing, PK13 and several cabins up 22 the river, same situation. I only seen one cow and a 23 calf and we just left them alone, we weren't going to 24 take a small caribou, we were thinking that we were 25 going to find some nice healthy bulls but it just 26 wasn't -- they weren't just there, just -- my boys were 27 just getting all upset and wanting to shoot at the 28 aircrafts and I told them, no, you're not doing that 29 kind of stuff, you know, because they're so frustrated 30 for the amount of time in preparation to get out there 31 and taking time, personal time to be out there and then 32 having to be interrupted on a daily basis by this 33 activity which you can't even allow to shut down for 34 you to take the opportunity to take the resource. We 35 tried moving to different locations but it wasn't the 36 same, the resources were not there, they were at a 37 different area where we normally don't go hunting. Up 38 near the Meade River and closer to Kuparuk and taking 39 that path going up the river where we'll -- we'll 40 access that area by snowmachine in the fall but in the 41 late -- earlier fall season before freeze up it -- that 42 access was kind of limited, even though we did have 43 some water for a short period of time, we almost got 44 caught, we had to push the boat over a sand bar to get 45 the boat back down when the level went back down so we 46 were trying -- struggling, going through to take the --47 to harvest some caribou which I think we ended up with 48 one out of the two weeks we were out there. 49 It was very frustrating in a sense, you 50

1 know, not knowing the level of activity that was 2 happening out there like Gordon indicated, that 3 probably steered the caribou to take a different 4 direction. And the aggregations that we normally see 5 up there in the foothills, you know, they were further 6 inland away from the river system. That was kind of an 7 unusual observation that my boys were making as we were 8 conducting our hunting. 9 10 So those -- and going up to near the 11 Price River to take a caribou was a very long distance 12 just for one caribou. I mean that's the distance we 13 had to go to find the bull caribou and that -- and they 14 were kind of sparse near the river system but you could 15 see them out in the ridges, what I call the Hundred 16 Foot Hills, they're right about 100 feet in height and 17 you could see them all along those ridges and moving 18 but they were quite a distance away and we just didn't 19 have the access to them. Even though they were in 20 large numbers they were just too far away from us to 21 pack back down to the boat or to the river. That was 22 kind of a sore situation we went through. 23 24 And as Gordon mentioned, at fall 25 fishing time, we came back to town to refurbish, or 26 replenish our gear and food items, gas and what have 27 you, we didn't make it back. We had a situation where 28 we had that real cold spell for that week and it froze 29 up, our access was basically cut off. And so we ended 30 up taking the snowmachine to a lower cabin and tried 31 fishing there but, again, our timing was off. By the 32 time we were getting access for -- or the ice to get 33 thick enough to cross the rivers, the lower rivers, the 34 Inaru and the Meade River, you know, the fish had 35 basically already spawned out. So we just went right 36 back home and didn't try to hang out or take any other 37 caribou, they were already in rut season in the area 38 where we finally sighted some caribou close by, they 39 were already in rut so we just went back home empty-40 handed. 41 42 Anyway, these are some of the things 43 that we're having to deal with. 44 45 You know, in terms of the amount of 46 research that's going on, that not being communicated 47 to the closer communities that are being impacted, 48 there needs to be some improvements to that scenery 49 there. You know, take a look at the bigger picture of 50 what's really happening and at for what cost, you know,

1 what is this research doing for us that creates a 2 hardship for our subsistence groups. 3 4 You know I've heard other folks wanting 5 to shoot those aircraft down as well but we kept 6 indicating to discourage that from happening. You 7 know, what's it worth for a person going into jail for 8 shooting down an aircraft when there could be other 9 means of communicating or improving the communications 10 to lessen that impact. I know there's multiple things 11 that could probably put into play for lessening the 12 availability for the different resources. 13 14 Anyway, I just wanted to speak my peace 15 and concur with Gordon's observations. It's multiple 16 families that are being impacted as well, it's not just 17 one or two, there's multiple families that have voiced 18 the concern. We've heard them at the Department of 19 Wildlife Management as well, we've asked them to give 20 us -- identify the aircraft, tail numbers if you can so 21 it could bring them to the BLM or to Geoff to help 22 identify whose aircraft or who's conducting the 23 research and I think there's one or two that were 24 identified, the float plane, I recall that one being 25 identified. But then there was the helicopters, I 26 wasn't sure whose they were. 27 28 Any other comments or Council members, 29 Rosemary, you have any concerns you would like to voice 30 or Gordon. 31 MR. G. BROWER: Just one last 32 33 thing.... 34 MS. AHTUANGARUAK: Yes -- go ahead, 35 36 Gordon, finish up. 37 38 MR. G. BROWER: Okay, just one last 39 thing on my part. 40 41 CHAIRMAN BROWER: Go ahead, Gordon. 42 43 MR. G. BROWER: Was I had been taking 44 full offense to the biologists that were out there in 45 those little dome red tents with the conexes because 46 they were picking up antlers that were stuck in the 47 ground, piling them up, these antlers were put in the 48 ground from trapliners that use them for anchors and 49 thinking that these guys are collecting things that our 50 fathers put down in there. And I've watched my dad use

1 these as anchors, and they're attractive to critters 2 because it's a natural thing in the -- it's something 3 they eat anyway. 4 5 And also taking down markers, these old 6 55 gallon drums that were strategically located when 7 there was no GPS, we would follow the snow drifts from 8 east to west that you could tell which way the current 9 blows and you follow those and because a lot of the 10 land feature is so flat you would hit this 55 gallon 11 drum and reacquaint yourself to a location real quick 12 and then they were taking those out. And those were 13 put in place in some cases -- I know there are some 14 that are laying around with lots of drums and, yeah, 15 they should take those out but those that are 16 strategically located that people don't know what 17 they're for, when there was no electronic devices to 18 take you around, you could reorient yourself real quick 19 when you see something in the horizon like that. And 20 I've used those for traveling when I used to just 21 travel sometimes with just a compass and reorient 22 myself to where I am and go. 23 24 Those were just some of my concerns. 25 You know, subsistence -- the Office of Subsistence 26 should really look at these folks that go out there and 27 do these things, and impacting subsistence, you know, 28 you're with us if you're Office of Subsistence 29 Management, you're with us. You need to see what Mr. 30 Yokel is authorizing in terms of studying and 31 activities and helping with stipulations and, you know, 32 what color is your tent going to be, where are you 33 going to position this conex, and in some cases don't 34 even recognize the authority of the North Slope Borough 35 as a local government to help steer where these things 36 should be. That's what we're struggling with here as 37 well, is -- because I got these letters from USGS that 38 we don't really need your permits but they get the BLM 39 permits to go out there and put these conexes and then 40 disrupt because people don't know, we don't have a 41 public notice mechanism. You know maybe BLM needs to 42 fix their permitting as well, if you're going to do 43 some of that stuff, well, maybe you should public 44 notice up here a little bit or have a town meeting or 45 something so that folks that would be impacted could 46 say something. They could say, well, don't put that 47 conex there, if you put it over here it's going to be a 48 lot better, you know, in a place where, you know, 49 people recognize the movement of caribou is crucial. 50

1 Thank you. 2 3 CHAIRMAN BROWER: Thank you, Gordon. 4 5 That's kind of disturbing to hear about 6 folks coming in to remove markers in traditional land 7 use areas, you know, there's got to be some conditions 8 or violations that are occurring within these 9 permittees that are permitting kinds of research and 10 staging areas out there. I think that we need to make 11 some kind of recommendation that they start looking in 12 terms of the conditions and imposing some of their 13 enforcement for compliance. You know, there's got to 14 be mechanisms in place for these folks not to be --15 that are coming into a site -- you know, there's 16 patterns of use in these areas that are -- that have 17 been in place for many, many years and not to disturb 18 the historical use of areas. Those are the things that 19 need to be researched in terms if there's folks coming 20 out there and picking things off of camp sites and 21 traditional land use areas, trapping. 22 You know, you reminded me of one 23 24 situation my father went through when there was the 25 seismic activity removing -- happening out there in the 26 North Slope and the guys that were conducting the 27 seismic were picking up all these antlers that had the 28 traps next to them and there was -- he went into court 29 over that and those guys got cited for picking up 30 antlers and disturbing his trapline. 31 32 So there's things that, I think, that 33 are already in place that need to be followed up and 34 with this new level of interest within the NPR-A there 35 needs to be more consideration of the communications 36 and minimizing the impacts for the availability of 37 subsistence resources. 38 39 Thank you, Council members. 40 41 Rosemary, I think you wanted to also 42 make a comment so I should stop here and give you an 43 opportunity to do so. 44 45 MS. AHTUANGARUAK: Yeah, these guys 46 have gotten really good communication on a lot of the 47 hunting and fishing issues and I really appreciate 48 that. 49 50 I got to have some sharing of resources

1 from Nuigsut and enjoyed having some Arctic cisco and 2 broad whitefish from over there but I also got to hear 3 stories of concerns about the health of the fish with 4 the changes that are occurring in our environment and 5 everything that may be stressing our fish and plant 6 interactions. 7 8 We also got to get out and walk on the 9 tundra and do some vegetation plant collections as well 10 as teaching our kids some of the different plants that 11 we use and different usages for them. That was a great 12 opportunity. We had a great process where we got to --13 the kids got to share some of the plants that they 14 collected and bring the process to their homes and 15 share with their families. Some of the kids made tea 16 out of plants that we had collected and it was a great 17 opportunity to continue sharing that. 18 19 There are definitely things that are 20 occurring with changes to our lands and waters. With 21 the plants you can see areas where there's activities 22 that are changing the way that the plants are in 23 various areas which have had a lot of track vehicles 24 that are getting out and traveling along some waters 25 and fourwheelers and what not and you're seeing these 26 changes when we go to areas where those plants are at, 27 but we're also seeing changes to the plants themselves, 28 the concentration of plants that are occurring, the 29 sizes that are occurring, you're definitely seeing 30 changes to that. We really think that it's going to be 31 important with all that are happening with the 32 viability of what plants need from various animals, 33 they're important life cycles and being aware of these 34 issues and communicating with our families and sharing 35 the information with those that want to learn about 36 this. 37 38 But it's causing a lot of conflict 39 because the researchers are getting out and doing 40 activities that are also conflicting with our way of 41 life as has well been communicated by others in this 42 process. 43 44 We did get to have some caribou hunting 45 from my son along the coast by fourwheeler and he did 46 bring us back some good food. He also was able to get 47 out with the freeze up with the snowmachine and bring 48 us some caribou so we appreciate that. Also with the 49 observation with caribou caught last month having more 50 fat than usual with the warmer climate that we've had.

1 So thanks everybody for that. Also of 2 no (indiscernible - telephone) changes to whaling that was discussed and the importance of the fall whaling 3 4 that occurred and the sharing of that that happened 5 with that. There was a lot of distribution but with 6 the changes in the freeze up it was really important 7 with the fisheries and people having difficulty to get 8 to areas for harvesting fish in normal quantities in 9 this area. 10 11 These kinds of things are really 12 important. 13 14 I swear it's like flashback two decades 15 of work in Nuiqsut with names and people changing the 16 places but the stories and concerns and conflict with 17 traditional and cultural activities in our lands and 18 waters changing with our daily lives and feeding our 19 families and continuing our way of life, of teaching 20 our tradition and culture conflicting with the reality 21 of understanding what the flights that are coming in 22 with research, whether or not there's going to be 23 successful caribou hunting, having increased activity 24 around fish camps and impacting the way that the fish 25 move through different areas and the freeze up that 26 occurs or not and the erosion that's occurring and 27 changing water levels, all of these different things, 28 the recharge of (indiscernible - telephone) that occur 29 in the way that they need to be that give us the 30 viability of the productivity we have depended upon to 31 feed our families. All of these issues and not one 32 understood, but it's really important, now, with all of 33 these things to also know how the fish migrate through 34 areas or not anymore because of these changes and 35 that's another part of information that we need some 36 better understanding of. I know there's been some 37 studies in these different areas, but these changes are 38 happening so rapidly we really need to get some insight 39 into the traditional knowledge and the spots where we 40 need to get the appropriate interactions to assessing 41 instead of assessments that help to document what 42 industry is doing to show -- to allow projects to go 43 through. 44 45 Thank you. 46 47 CHAIRMAN BROWER: Thank you, Rosemary. 48 49 I'll just look to Council members to 50 see if there's any other comments while we're under the 1 Council member reports. 2 3 MR. SHEARS: Mr. Chairman. 4 5 CHAIRMAN BROWER: Yes, Bob. 6 7 MR. SHEARS: Good morning, everybody, 8 good to be here again. 9 10 MR. NAGEAK: Good morning. 11 12 MR. SHEARS: Since our last meeting 13 back in August, a brief report on how things have 14 unfolded for the community that I'm representing in 15 Wainwright over the last six months. 16 17 I'm happy to report we've had no 18 subsistence related fatalities this season. It's not 19 for lack of trying. Wainwright is becoming a fall 20 whaling community it seems like, you know, we scratched 21 in the springtime but landed three, lost two this fall, 22 in October. We had, you know, we're learning, we're 23 not a traditional fall whaling community like Barrow, 24 but we do what we have to do to get whales, and get out 25 there in high speed vessel collisions in the dark, you 26 know, trying to -- you know, find a -- you know, get a 27 whale to the shore, you know, have the necessary heavy 28 equipment in shallow waters, trying to get our vessels 29 launched when the fresh water lagoon is frozen; all 30 challenges that we're learning to overcome. 31 32 We had an interesting freeze up in 33 September. Caribou basking in the sun, not moving, very 34 difficult to hunt until late September and relatively 35 early freeze up, you know, compared to recent years. 36 Late September our fresh water system froze up within a 37 week, stopping vessel traffic, you know, from hunting 38 inland -- hunting the caribou, but that started the 39 caribou moving like they'd been bitten by bees and they 40 were running all around like crazy. And our early 41 freeze up was followed by an immediate early breakup. 42 Ice thawed again and got rained on and the caribou had 43 congregated and that began a very successful six week 44 hunting season for caribou. It lasted well into 45 November, the herds, you know, the congregations of 46 caribou resided around Wainwright, within 25, 30 miles 47 of Wainwright, well into November. I had a very 48 productive year. 49 50 After freeze up followed again in mid-

1 October, we had very good fall fishing on the Nunatak 2 (ph) River drainage but then western winds and the 3 rains brought flooding to the ice that froze again, 4 creating a crust of ice. Again, we had more 5 subsistence related injuries of snowmachine wrecks, you 6 know, trying to -- caribou hunters trying to, you know, 7 traverse the ice and their skis falling through, quit a 8 number of stitches and blood loss but no serious 9 injuries. 10 11 I've been traveling around, hitting a 12 lot -- I've been to every community on the North Slope 13 this winter since I've been here and got to hear some 14 of the concerns from other communities, kind of echos 15 in the minds of the people in Wainwright, too, some of 16 them. 17 18 Polar bears in Kaktovik, it's like 19 they're a national treasure now, they're like a 20 protected species, they roam through town freely and 21 everybody just kind of leaves them alone, you know, 22 they're residing -- they're living off of the whale 23 carcasses that are near town. Wainwright has whale 24 carcasses near town, too, but we don't tolerate polar 25 bears roaming through town, that's for sure. 26 27 (Laughter) 28 29 MR. SHEARS: I guess the tourists 30 haven't discovered Wainwright as a polar bear 31 attraction yet, thank goodness. We're still a 32 subsistence community when it comes to polar bear. 33 34 (Laughter) 35 36 MR. SHEARS: Concerned about the 37 pathogens relating in the -- in the news, that have 38 been related to global warming, or warming water 39 temperatures. 40 41 First the mold that's growing on the 42 broad whitefish in Nuiqsut this fall, you know, that 43 the wildlife department is reporting, you know, has 44 helped, has assisted by warmer water conditions. The 45 pathogens that they're reporting in the marine mammals, 46 the belugas and the seals recently in the news, you 47 know, pathogens by the way are transmittable to humans. 48 Saying that these pathogens are normally not seen in 49 Arctic species but because of warming conditions and 50 ice thaw that -- you know, that the plankton, the
1 phyto-planktons that these pathogens exist in are now 2 expanding farther into the north where the Arctic sea 3 mammals exist, very concerning. 4 5 Let's see what else do I have in my 6 notes. 7 8 Point Hope concerned at the assembly 9 meeting brought by the assembly representative for 10 Point Hope in January, the North Slope Borough, 11 indicated that State Troopers had observed a young 12 hunter, subsistence hunter in Point Hope take a 13 wolverine from -- with the assistance of a motorized 14 vehicle, i.e., snowmachine, he seized this man's 15 snowmachine, weapon and wolverine during the course of 16 the investigation and then returned his snowmachine and 17 weapon but kept the wolverine and told him that's not 18 allowed, that is illegal to be taking a fur animal with 19 a motorized vehicle in this great state of Alaska. 20 That was an eye opener. Yeah, to a lot of people. I 21 was aware of it, I read the regulations, I know that 22 you're not supposed to do that but mind you, you know, 23 quite a population of hunters on the North Slope that 24 use their snowmachines and their boats to subsist --25 you know, to take animals for subsistence, and we're 26 all like going, what's going on, is this a trend the 27 state of Alaska pursuing to further harness our 28 capabilities to subsist. 29 30 That's my concerns for today and my 31 report, Mr. Chairman. 32 33 CHAIRMAN BROWER: Thank you, Bob, for 34 sharing all that. I did have some similar -- I did 35 hear some similar concerns in regards to these other 36 issues, but thank you for bringing it. 37 38 Geoff. 39 40 (In Inupiat) 41 42 (Laughter) 43 44 CHAIRMAN BROWER: Go ahead, Geoff. 45 46 MR. CARROLL: Yeah, just a quick 47 response on the hunter using a snowmachine to harvest 48 wolverine situation and, yeah, I think a lot of people 49 don't even know that, you know, by the letter of the 50 law it's against the law to use snowmachine to chase

1 wolves, wolverine or caribou and that was a huge topic 2 of discussion at the Kotzebue Board of Game meeting in 3 January with a lot of people. Because it was a 4 different village there and a Trooper had written up a 5 ticket for a quy but, anyway, as a result of that 6 there's now a Board -- you know the Kotzebue Advisory 7 Committee did a good job of writing up a proposal but, 8 you know, it wasn't -- the Board of Game decided it was 9 more of a statewide issue than a Region 5 issue, so now 10 there's a Board generated proposal that will be 11 addressed at the State meeting. And basically the 12 proposal is to make it legal to use Sno-Go's to chase 13 wolves, wolverines and caribou so, you know, I don't 14 know, I'm going to give a quick report a little later 15 on what took place at that Board of Game meeting. 16 17 But, anyway, an immediate response, 18 there are things in the works to make what, you know, 19 is a very common practice, you know, either make it 20 legal or not, it'll be brought up as a proposal. So 21 there was overwhelming testimony in Kotzebue, of 22 course, that it should be legal. 23 24 So, okay. 25 26 MR. G. BROWER: Mr. Chair. 27 28 CHAIRMAN BROWER: Gordon. 29 30 MR. G. BROWER: Maybe it's not a 31 question but, you know, traditionally, you know, we 32 always put trap -- I mean we trap wolves, we trap 33 wolverine, cross foxes, it's a good way to harvest 34 those things, if you learn how to do it well. And it's 35 -- we, you know, incidentally sometimes come across in 36 being able to harvest by Sno-Go. At least for me I 37 kind of grew up trapping these things and you just got 38 to be cunning, just like them, and it's a good art to 39 do it that way, to be able to trap. It's a fun way to 40 do it. 41 42 CHAIRMAN BROWER: Thank you, Gordon. 43 If there's no other comments at this time, maybe I'd 44 like to have a 10 minute recess. Let's go into 10 45 minute recess at this time. 46 47 (Off record) 48 49 (On record) 50

1 (Delay in start of recording due to FWS 2 contracting department telephone call disruption of 3 meeting) 4 CHAIRMAN BROWER:provided to the 5 6 concern that we voiced as the position had become 7 vacated when Helen Armstrong retired from her position 8 as the chief anthropologist under the Office of 9 Subsistence Management, and not having that position 10 filled, it created some issues or problems within our 11 Regional Advisory Council not being able to seek the 12 assistance of the anthropology division within the 13 Office of Subsistence Management in regards to our 14 concerns that we voiced in some of the regulations that 15 we developed through the consultation of the 16 anthropology, and following that we also forwarded a 17 letter to Director Haskett with US Fish and Wildlife 18 Service and the letter was CC'd to the Federal 19 Subsistence Board, Pat Pourchot, Eugene Peltola, Jr., 20 these are folks within the Federal Subsistence 21 Management Program, Carl Johnson, council coordinator 22 division chief, and so on. And so I'm wanting to make 23 just brief comment on this letter, that this was part 24 of the responsibility that I took on as the Council 25 Chair to get this letter drafted, working with Eva and 26 other Council members, Staff, to get that concern 27 elevated to where it needed to be filled, but we still 28 have not heard about the position being filled at this 29 time. It's just they're going through their review of 30 applicants and the funding availability within the 31 Federal Subsistence Management Program. So I'm not 32 sure where they are in the selection process at this 33 time or if the position is going to be filled. 34 35 No real determination has been made to 36 that effect. 37 38 I'm trying to think back in terms of 39 other meetings. 40 I think, Bob, you went to the Western 41 42 Arctic Caribou Working Group. 43 44 MR. SHEARS: That was back in January 45 2013. 46 47 CHAIRMAN BROWER: Okay. 48 49 MR. SHEARS: I didn't go this year. 50

1 CHAIRMAN BROWER: You didn't go this 2 year. Okay, so it's -- I'm trying to think of what 3 other meetings we were invited to but I couldn't 4 participate because of my other prior commitments. 5 Maybe, Eva, if you could help with that. 6 7 MS. PATTON: Mr. Chair. The Office of 8 Subsistence Management had funded a council member to 9 attend the Western Arctic Caribou Herd Working Group 10 and Rosemary Ahtuangaruak attended in your place for 11 that meeting, if Rosemary wanted to provide an update 12 for that. 13 14 MS. AHTUANGARUAK: Yes. It was a very 15 interesting process to be able to finally participate 16 with this group. It wasn't a free give and take 17 process of being able to effectively participate 18 through information that was shared and that was a 19 little bit difficult. There were many questions that I 20 had in some of the processes but it wasn't -- we 21 weren't effectively able to participate in some of 22 that. But the opportunity to be there to learn from 23 the information that was shared, to be able to interact 24 with people in between the process when there were 25 breaks and at meal time helped to be able to get some 26 questions in and there was some good information on the 27 caribou reporting, I'd been asking a series of 28 questions with Lincoln Parrett. I believe that he's 29 presenting the information with this satellite imagery 30 and the tracking of the caribou and it's helpful to 31 understand some of these issues that we're seeing and 32 our subsistence users are sharing and concerns with 33 these issues. 34 35 The big concern that I had was around 36 the opening of the research to other uses. I know it's 37 difficult to maintain the data with so many people 38 doing research and monitoring in our region. But the 39 information, coming from a subsistence point of view, 40 our research has been very specific in information and 41 species and times and it's very important, the process 42 that we've gathered the information and how it may be 43 utilized by others doing research but not taking into 44 consideration the effectiveness we did and the way it's 45 being assessed and if it's not utilized in the same 46 ways it can misconstrue data and those kind of concerns 47 of not including the researchers work in which 48 communities, if they chose to go to these data sets and 49 chose not to go to our villages, that's a very 50 different process of research but it's also misleading

1 them, they're not engaged in the process of the data 2 being assessed and knowing variables that are affecting some of these issues that we're seeing and we can bring 3 4 into the process to affect the way it's being 5 understood as to the results of what's being studied. 6 7 But that was a big part of -- one of my 8 concerns during that, that also we did get to ask some 9 additional questions around the specific issues in our 10 area and areas nearby with the Central Yukon 11 presentation that was going through. That one has a 12 real risk of having some cumulative effects to our 13 region with changes that may occur within that area as 14 well as the Bering Straits plans that were discussed in 15 those meetings. The activities that could occur in 16 those areas would really impact movement of our 17 migration of animals and how long they stay in 18 important areas that are important for the animals and 19 whether or not they get into our communities. And that 20 was another area where we couldn't provide comments 21 within this caribou herd working group process but I 22 did got to the local community meeting they had in 23 Anchorage and provided comments similar to that, in 24 that process. 25 26 Thank you all. 27 28 CHAIRMAN BROWER: Thank you, Rosemary, 29 for that insight. And in regards to our -- the 30 interest in the Western Arctic Caribou Working Group. 31 I'm trying to think back in terms of 32 33 other things. 34 35 But what happened yesterday was 36 something I think that needs to be mentioned this 37 morning as well in regards to the pre-meeting that we 38 held yesterday with our Staff and some of our Council 39 members. I think that was very helpful to review some 40 of the contents of the agenda, to be apprised of the 41 information that's been generated for discussions in 42 regard to some of the agenda items that we are going to 43 be discussing throughout the day and a half, our 44 customary and traditional use determination processes, 45 that that -- you know, there's questions that need to 46 be answered and more information to learn by the 47 Council members in regards to what's being discussed 48 regarding the customary and traditional use 49 determinations.

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1 The customary and traditional use conflicts. Maybe that's something that we might want 2 3 to understand a little bit more in terms of what we've 4 heard, you know, Gordon, the comments you made today 5 was something that probably could be incorporated into 6 some of these things in terms of some of the action 7 items we might want to consider at some point in time 8 because of the current elevation of all this research 9 happening on the North Slope and it would maybe 10 unknowingly impact the subsistence use sites. 11 12 The rural determination review. That 13 item we need to continue discussing because it has some 14 -- it's going through its changes as well through new 15 processes that are being considered for incorporation 16 or new items being assessed to establish rural 17 determinations. 18 19 We had some discussion about the 20 fisheries proposals. 21 22 Those were some of the subjects that we 23 addressed yesterday through that pre-meeting for the 24 Council members. 25 26 You know some of the Council members 27 had prior commitments, yesterday, but, Gordon, you 28 being one of them that these are some of the things 29 that we discussed through that pre-meeting, that I 30 think are very helpful for us to further along the 31 dialogue of communicating and voicing concerns when we 32 come to those agenda items. 33 34 I just wanted to make this comment on 35 that because this is something that we've asked for in 36 the past, you know, the whole pre-meetings and whole 37 orientation for Council members and this is one of 38 those that could probably work for us and once we get 39 to see and fill the vacant positions that need to be 40 filled to help communicate and learn of new things that 41 are happening within the Federal Subsistence Program. 42 43 In regards to the next agenda item, I 44 don't know, do any of you have any questions regarding 45 the Chair's report or any other reports from the 46 Council members to be stated this morning. 47 48 (No comments) 49 50 CHAIRMAN BROWER: Our next agenda item

1 is public and tribal comments on non-agenda items. 3 We have a few minutes before our lunch 4 hour, James, did you get an indication of what time 5 your.... б 7 MR. NAGEAK: They're going to text me. 8 9 CHAIRMAN BROWER: Okay. He's been 10 invited to participate in an..... 11 12 MR. NAGEAK: 2:30, I think. 13 14 CHAIRMAN BROWER:event this 15 afternoon. 16 17 Again, if there's no other questions or 18 comments we could move on to our next agenda item. 19 20 James. 21 MR. NAGEAK: Yes, my name is James 22 23 Nageak and I -- with the discussions that we had 24 yesterday afternoon for our early arrival to Barrow to 25 have that discussion, I wanted to mention that Senator 26 Lisa Murkowski had a speech at Alaska Federation of 27 Natives and she mentioned the determination for rural 28 subsistence use and I wanted to have the Council 29 coordinator over here to maybe get a copy of the speech 30 that she made at AFN because she had some good ideas on 31 how that should be attacked -- or not attacked..... 32 33 (Laughter) 34 MR. NAGEAK:but attached to the 35 36 comments that we make as Council members. 37 38 And the other issue that we had about 39 the anthropologist position that you wrote about and I 40 was asked about to comment on it by our Coordinator 41 again to see what additional stuff that we need to make 42 known to the Federal Subsistence Board and I didn't 43 write it up or anything. 44 45 I just mentioned that when we think 46 about food security, I think is the term that is being 47 used to replace the word subsistence and one of the 48 things that we grew up with is the idea that there is a 49 spiritual side, like the paper that I read this morning 50 from Patrick Ahtuangaruak, how important it is to

1 respect and how the animals are a part of our life. We 2 have to be in sync with the animals that we hunt. 3 Examples, you know, when you treat the animals right, I 4 have learned that if I catch a caribou I skin it and 5 then take it home and really disarticulate the animal, 6 that is to -- it's a scientific term that I learned 7 from one of the biologists that when we catch a caribou 8 we always sever the head from the body so that the 9 spirit will be released and Patrick Ahtuangaruak 10 mentioned that, and that's what we grew up with. And 11 instead of chopping the bones, I have learned the 12 anatomy of our caribou enough so that I could cut up 13 the caribou with just a knife, with just a knife. And 14 I learned that as I've been growing up and that was 15 taught to us by our parents, our grandparents. And 16 that -- and because we treat them so religiously I 17 guess -- I don't want to use that particular term, and 18 that the caribou know that we -- I treat them right 19 when I catch them and they allow themselves to be 20 taken. One time I was snowmachining, excuse the term, 21 hunting with mechanical vehicle..... 22 23 (Laughter) 24 25 MR. NAGEAK:it was springtime and 26 the overflow on the river was already going north from 27 Anaktuvuk Pass toward Colville River and the caribou --28 the bull -- in the springtime we try to hunt the bulls 29 now when they're coming up this way through Anaktuvuk 30 Pass. They saw me doodling along on my snowmachine on 31 this side of the river, they were on the other side and 32 I'm going duck hunting, I'm not too worried about 33 catching a caribou at that time, but I saw those bulls 34 started running across over there and they ran right 35 across through the water into my side of the river and 36 they came toward me and they stopped 20 feet away from 37 me, just standing around and I had my rifle in the back 38 -- in my sled, all tied up, you know, because I'm not 39 going to hunt caribou, I'm having my shotgun, so I 40 said, okay, so I went back to my sled and untied my 41 rifle, take it out, and I said, okay, I just shoot one 42 of them..... 43 44 MR. SHEARS: They stood there and 45 waited for you. 46 47 MR. NAGEAK: Uh. 48 49 MR. SHEARS: They waited for you. 50

1 MR. NAGEAK: They came to me. 2 3 (Laughter) 4 5 MR. NAGEAK: Because, you know, when 6 you treat them right they allow themselves, they know. 7 And I've had experiences over here at Gaswell Road, 8 when we used to live here, the animals that want to die 9 because they have some sore or some -- they have been 10 wounded and they want to die, they allow themselves to 11 be taken and I think they choose people to do that. 12 13 At Anaktuvuk Pass we saw this big bull 14 with big horns over there and they told me, okay, to go 15 get it so I started crawling and getting so I could get 16 close to that big bull. Pretty soon I'm walking and 17 it's still laying there. And I'm getting closer and 18 finally I start talking to it, (In Inupiat)..... 19 20 (Council nods affirmatively) 21 MR. NAGEAK: The caribou wanted to die 22 23 because as we found out later the caribou allowed me to 24 grab it by the antlers and he's looking up at me with 25 the eyeballs, right at me, he knew I was coming, but 26 the caribou wanted to die because somebody had shot it, 27 just nicked it and it was getting infected, it was 28 green and that's why the caribou just gave itself away. 29 30 And those types of things, you know, 31 there's a connection between the animals that we 32 subsist on as Patrick Ahtuangaruak talked about the 33 whales, those things we grew up with and as Patrick, 34 and I know sometimes the scientists don't believe the 35 things that we talk about, our animals, and so that's 36 -- that's one of the things that are missing in some of 37 the reports that we make to that -- that there's that 38 connection of, I guess, spirituality, that is hard, 39 because the State and church are separated, right, so 40 religion doesn't get into the discussion very often 41 because of that separation. But it's ingrained in our 42 minds as hunters, those of us that have grown with the 43 knowledge of the Inupiat language, our grandparents, 44 our parents have -- it just -- you know there are 45 little sayings in our language that I grew up with. 46 47 (In Inupiat) 48 49 A little proverb, I guess, you know, 50 that -- the little proverbs that I grew up with.

1 (In Inupiat) 2 3 If you are not afraid to share what you 4 catch, you will be able to catch the animals easily. 5 б So those are the things that sometimes it's hard to put on black and white because it's --7 8 what do they call it, the private knowledge that is 9 hard to impart into some other cultures because it's 10 too important for us to give away. 11 12 That's what I want -- you know, that's 13 what we were talking about yesterday, that particular 14 part of our subsistence life is lacking in our reports. 15 16 I don't know how to incorporate that 17 into our reports because of separation. 18 19 Thank you. 20 21 CHAIRMAN BROWER: Thank you, James. 22 23 Yes, we did have a good discussion 24 about the spirituality and how it reflects to our 25 hunters that are very responsible in terms of the 26 actions that they take on as hunters, sharing with 27 others who are less fortunate or are needy in that 28 sense, in the kind of remarks James was providing and 29 the comments that they bring back to you in regard to 30 the sharing. You know, these are things that we are 31 provided in the communications through teaching. It's 32 -- like James said, it's ingrained into our culture 33 that you -- they share these things, the resources 34 become more easily accessible or available for the 35 taking to share with others. You know, the individual 36 hunter is not hunting just for himself, he's hunting 37 for his family and others in the community in that kind 38 of spiritual sense that these resources become more 39 easily available or taken more easily. 40 41 The other side of things in regard to 42 some of our marine mammal hunting, whaling is a big 43 spiritual activity that we pursue here on the North 44 Slope and elsewhere. As James indicated there's 45 comments or statements or sayings that get passed on, 46 you know, to our whaling captains from our elders and 47 other community members that receive these portions of 48 shared food items that are derived from harvesting 49 large marine mammals such as a bowhead whale. 50

1 You know we had a little discussion 2 about the other animals, or other birds that come to 3 your hunting site before the larger animal comes, like 4 the bowhead whale. The snowbird, the snow bunting that 5 we use for -- that gets observed and lands in front of 6 the boat. I quess there's been several over time 7 generations that this type of occurrence happened in 8 the past and a snowbird lands in front of the boat, a 9 whaling boat while it's out near the lead waiting 10 patiently for a whale to arrive. And the snowbird 11 lands in front of the boat and the elder whalers 12 indicate that they're going to have a blessing because 13 of that bird landing in front of your boat. And maybe 14 within a half an hour, maybe even less time, a whale 15 surfaces right under the boat without any motion, no 16 movement, just surfaces right underneath the boat and 17 it basically gives itself to the whaling crew and they 18 harvest the animal. And the saying is, the whales, 19 they give themselves, that's something I learned from 20 my dad and he's written a book about that type of 21 situation because of his own experiences and he passed 22 that on to me and my brothers. 23 24 These are the things that we share and 25 hold close to our hearts because these are the things 26 that we've learned and observed over time and they're 27 spiritual events. How do you better explain them than 28 when you go through your own experience. It makes it 29 even closer to you to comprehend, the communications 30 that have occurred, you know, you didn't understand it 31 in the beginning and you communicated a bit more and 32 you learned a little bit more about it and then you 33 have your own personal experience. I mean it really 34 put the facts down that these things are spiritually 35 provided in a different kind of sense of spiritual 36 interactions with our resources that we've been doing 37 for subsistence. 38 39 I wanted to bring that lap a little bit 40 more with what James was saying and maybe Gordon, these 41 are some of the things that we were talking about 42 yesterday and these are good discussions to provide in 43 the sense about what's missing within our practice. 44 45 James. 46 47 MR. NAGEAK: Yeah, another example. I 48 got some really good examples of, you know, I had -- I 49 spent five years of my life away from the North Slope 50 getting my education. I got my BA from UAF in

1 sociology and anthropology and then I went on to get my 2 Masters of Divinity and after I got that on September 27, 1976 I went to Kaktovik, that was one of the 3 4 churches that was given to me as a pastor of the 5 Presbyterian Church and Sunday we had a service, Monday 6 morning, knock on the door and my Uncle George 7 Washington (In Inupiat) opened the door and said, 8 James, let's go whaling and so I went over to my Auntie 9 Mildred Rexford place and she had breakfast ready for 10 me and she gave me warm clothes to take out because I 11 didn't bring any warm clothes from Anaktuvuk to 12 Kaktovik knowing that my Uncle Daniel is the same size 13 as me.... 14 15 (Laughter) 16 17 MR. NAGEAK:and so she gave me 18 his clothes to wear and we went out. And other boats 19 had already been, I just borrowed a boat, Thomas 20 Gordon's boat, (In Inupiat) boat and all of these other 21 boats were already ahead of us and we caught up with 22 them. And this plane was just circling just west of 23 us, gee, I wonder how come that plane is circling 24 around over there and so maybe he seen a whale over 25 there so we just took off toward where Walardie (ph) 26 had been circling in his plane over there and sure 27 enough there was a whale. Because we were late getting 28 out, we wanted the other boats to have that chance of 29 shooting the whale, it was before the restriction that 30 you had to harpoon it first..... 31 32 CHAIRMAN BROWER: Uh-huh. 33we could shoot it and 34 MR. NAGEAK: 35 -- and so Joe (Inupiat) boat was the first one. It 36 came right in front of them and they went -- they 37 revved up their outboard motor and about halfway to the 38 whale the outboard went, burrrr (making sound), they 39 ran out of gas. 40 41 (Laughter) 42 43 MR. NAGEAK: They were going to wait 44 until the gas was -- gas can was empty to switch to the 45 full one and the gas can emptied at the very 46 inopportune time because the whale was right in front 47 of them. And the next time Tommy Gordon's boat, it 48 went up right on the side of them and they were going 49 in the same direction, they -- Thomas had to turn real 50 quickly to get to the whale, he was so excited he

1 turned too fast and his motor went into neutral. 2 3 (Laughter) 4 5 MR. NAGEAK: It went (makes sound) and 6 then the whale went down again. And then it was Archie 7 Brower's turn, Archie Brower was so excited that he 8 over -- he went beyond the whale where it was coming up 9 and it came up right behind him and it just didn't want 10 to be caught by those boats. And finally we decided 11 maybe it was for us. And sure enough, my -- at that 12 point my uncle was testing me, you know, before we went 13 out there he took that -- he grabbed that whaling gun 14 and handed it to me, no words, he just handed it to me, 15 and I guess it was a test to test me whether I knew how 16 to hunt whales after all -- after five years away from 17 home and luckily I still had the knack. 18 19 (Laughter) 20 21 MR. NAGEAK: So it came right in front 22 of us and our 14 foot Lund, with a 40 horse in the 23 back, we just went right up to it and I told Joe 24 (Inupiat) just go next to it and I just waited (makes 25 sound) 10 minutes later the whale was dead. And it 26 chooses -- like Patrick Ahtuangaruak mentioned, the 27 whale knows which one to give themselves away to. 28 29 And those are personal experiences I 30 had -- I talked about that little bird landing in front 31 of our boat here in Barrow, it was the last kill for 32 the season for the spring. And I was sitting in front 33 of the boat and that little bird landed right in front, 34 right on the boat, right in front of the boat, where 35 the harpoon is, and I knew the -- I knew the sign, that 36 the whale was coming up. 37 38 CHAIRMAN BROWER: Uh-huh. 39 MR. NAGEAK: I got so excited I wanted 40 41 to take a leak. 42 43 (Laughter) 44 45 MR. NAGEAK: You know how it is when 46 you're hunting sometimes, the natural thing to do is to 47 have all of your insides turn -- want to come out, and 48 I went back up there behind the tent to do it, I turned 49 around after I did it, turned around here's Rex already 50 with the harpoon on the whale. It had just come right

1 to the boat. 2 3 CHAIRMAN BROWER: Uh-huh. 4 5 MR. NAGEAK: And James (Inupiat) Louis' 6 boy, was 16 years old and he had the shoulder gun I was 7 supposed to use, he said (In Inupiat), and Rex just 8 harpooned it and it died right there. That was the 9 last whale. 10 11 So these experiences, I don't know how 12 to -- we don't know how to explain them, you know, and 13 the signs that we have. 14 15 CHAIRMAN BROWER: Uh-huh. 16 17 MR. NAGEAK: The word that Patrick 18 Ahtuangaruak, I titled it, whaling in harmony, maybe 19 hunting in harmony. You're in harmony with the animals 20 that you hunt. You have that same mentality, or same 21 -- there's a word, kinetic, or something like that, I 22 don't know, it's that particular way that we have as 23 subsistence, we're food security hunters. 24 25 Thank you. 26 27 CHAIRMAN BROWER: Thank you, James. 28 29 We're pretty much done with this 30 portion of the reports, under the Chair's report, under 31 the Council member's reports. I think we're at our 32 lunch hour and I'd like to go into our recess and when 33 we come back we can pick up on the public and tribal 34 comments on non-agenda items. So we'll break until 35 1:20, 1:30 -- 1:30. 36 37 MS. AHTUANGARUAK: Thank you. 38 39 MR. G. BROWER: Yes, 1:30. 40 41 CHAIRMAN BROWER: Thank you, everyone, 42 good morning. We'll recess until 1:30. 43 44 (Off record) 45 46 (On record) 47 48 MS. INGLES: Palma Ingles. 49 50 MR. LIEBICH: Trent Liebich, OSM

1 Anchorage. 2 3 MS. PATTON: You were cutting out 4 there, who is on line. 5 6 MR. LIEBICH: Trent Liebich, OSM in 7 Anchorage. 8 9 MS. PATTON: Trent Liebich. 10 11 MR. MCKEE: Chris McKee, OSM Anchorage. 12 13 MS. PATTON: Chris, welcome. Hope 14 you're feeling okay. 15 16 MR. MCKEE: I wish I could say I was. 17 18 MS. PATTON: What did he say? 19 20 REPORTER: I wish I could say I was. 21 MS. PATTON: Yeah, hang in there. Rest 22 23 easy. Do we have others on line with us on 24 teleconference today. 25 26 MS. OKADA: Hi Eva, Marcy Okada, with 27 National Park Service in Fairbanks. 28 29 MS. PATTON: Hello Marcy, thank you for 30 joining us. 31 32 MR. HOPSON: John Cody Hopson with 33 ICAS. 34 35 MS. PATTON: Greetings John. Thank you 36 for joining us. All right, anyone else joining us on 37 teleconference this afternoon. 38 39 (No comments) 40 41 MS. PATTON: And we're just gathering 42 the last of our Council members here. We left off with 43 the public and tribal comment on non-agenda items. And 44 welcome to everyone in the audience here as well. 45 We've got lots of food, tea and coffee and snacks and 46 someone brought some really yummy pineapple cake so 47 wish we could share with you folks on line. 48 49 (Pause) 50

1 CHAIRMAN BROWER: Thank you, Eva, for 2 bringing the folks up on line. Thank you all for 3 taking the time to spend this afternoon with us. 4 Again, my name is Harry Brower, Jr., I'm the Chairman 5 of the North Slope Regional Advisory Council. At this 6 time I'd like to call our meeting -- Regional Advisory 7 Council meeting back to order after our lunch recess. 8 Again, we're up to the public and tribal comment on 9 non-agenda items. I'm not sure if we have any 10 participants, maybe through the teleconference, to 11 comment on at this time. 12 13 MR. HOPSON: Good afternoon. 14 15 CHAIRMAN BROWER: Good afternoon. 16 17 MR. HOPSON: This is John Cody Hopson 18 with ICAS. 19 20 CHAIRMAN BROWER: Yes, John, I'll give 21 you the floor. 22 MR. HOPSON: Good afternoon everyone. 23 24 I was just going to ask if you guys can provide comment 25 on the court's recent decision to remand the Chukchi 26 Lease Sale 193. We all know if they decide to 27 reconsider it, it'll have an impact on our subsistence 28 hunting and whaling in the Arctic Ocean. 29 30 If you guys can just provide comment, 31 if you guys have any comments or questions. 32 33 MS. PATTON: Through the Chair, John, 34 were you looking for comment from the Council members 35 on that status or.... 36 37 MR. HOPSON: Yes. 38 39 MS. PATTON:were you looking for 40 somebody to report on that status? 41 42 MR. HOPSON: I'm asking for comments 43 from the Council. 44 45 MR. SHEARS: Mr. Chairman. 46 47 CHAIRMAN BROWER: Yes, Robert. 48 49 MR. SHEARS: Good afternoon, John, this 50 is Bob Shears, Council member from Wainwright.

1 My geographic location makes this a 2 subject of intense interest to me and I've been following it closely since 2005. The path that this --3 4 since this lease sale sold in 2006, you know, has 5 followed, you know, a course that has been 6 unpredictable, at the least, but, you know, a number of 7 court cases that come before the Ninth Circuit Court in 8 regards to the Lease Sale 193, various decisions were 9 found wanting and then were upheld. Shell had gone in, 10 you know, with an initial drilling plan that was 11 rejected and then resubmitted and approved, then the 12 conditions were changed and then it was resubmitted a 13 third time that scaled back and allowed more off shore 14 discharge than the first and second drill plan. You 15 know every time that they seem to be getting going 16 somebody changes the rules, whether it's on the BOEM 17 side or the Shell side, you got to stay attuned to 18 what's going on. 19 20 Lease Sale 19 -- the recent -- the 21 Ninth Circuit Court ruling, I read it word for word, 22 front to end, you know, on what the ruling is and voted 23 2/3 in favor of -- or agreeing that the Federal 24 government did not perform due diligence in issuing the 25 EIS prior to the lease sale. That the EIS that 26 preceded the sale deemed that there was only 27 approximately 1 billion barrels of recoverable oil at 28 the time in 2006 in the Chukchi and, therefore, that 29 was the scale for developing the plan for exploration 30 and development. Well, as it turns out the ruling is 31 -- you know, at first glance, you know, and Shell's 32 response to it, you know, to cancel their 2014 33 exploration season seemed like a big win for the 34 environmentalists and the Inupiat subsistence users of 35 the Chukchi at first glance, but if you look into it 36 deeper you'll realize an ominous undertone to it. The 37 Ninth Circuit Court ruled that the Federal government, 38 MMS, at the time, Minerals Management Service, 39 identified that there was 1 billion barrels of 40 recoverable oil and they said, you can't base an EIS on 41 this because, in fact, we know at this time -- and MMS 42 knew at that time that there was much more. In fact, 43 prices of \$80 a barrel for oil which we're far in 44 excess of today, there's 12.9 billion barrels of oil 45 recoverable and at prices in -- looking out into the 46 future when Shell was predicting extraction in the year 47 2030, maybe double that. 48 49 So, you know, they're asking the 50 government to go back and revisit their EIS on what an

1 extraction of this scale of magnitude which, you know, 2 what does that mean environmentally and what type of 3 development plan has to be submitted to craft the 4 extraction of 12, 13, 20 billion barrels of oil. 5 6 We realize that this is back on the 7 drawing board and they're not going to be drilling any 8 time soon because they got some deep thinking to do but 9 believe me, that's a lot of oil. 10 11 John, that's a lot of oil. The world 12 is not going to ignore that. 13 14 MR. HOPSON: Yes, it is. I appreciate 15 your comments and I agree with you. 16 17 MR. G. BROWER: Mr. Chair. 18 19 CHAIRMAN BROWER: Yes, Gordon. Thank 20 you, Robert, for providing those comments to John. 21 Yes, Gordon. 22 23 24 MR. G. BROWER: Yeah, in the same light 25 of concerns, I think when the lease sale was initially 26 going on we had serious reservations about certain 27 aspects of the exploration program and concerns related 28 to the Gulf of Mexico. Issues that could potentially 29 unfold up here in the Arctic. Recognizing that the 30 Gulf of Mexico is a mile deep and where this area is, 31 you know, maybe a hundred or 200 feet deep. But 32 they're very different -- different climates. Their 33 climate down there is tempered climate. Up here you go 34 into several months of darkness, you know, go into 35 winter quickly. And our concerns related to being able 36 to effectively mount response to something to that 37 magnitude if there was a blow out or something, it that 38 were to occur. Recognizing these conditions and issues 39 to the developed proven methods, you know, we have 40 serious concerns about the use of dispersants. We 41 don't really know the effect it has on the food 42 sources, the small critters like the plankton, krill, 43 and that -- I had happened to be in the -- in a 44 position to be a unified command member for several 45 real events like the Repsol blowout and part of the 46 unified command for the GC2 spill, the largest oil 47 spill on the North Slope in Prudhoe Bay, and also been 48 part of the unified command for the MutualAid training 49 drills that occur annually for the last maybe 15 years 50 I've been participating at those levels. And we're

1 always posed or put in a position, how are you going to 2 respond when a mechanical means is inundated, it's deemed ineffective. The first line practically of 3 4 defense on an initial spill like that would be to use 5 chemical dispersants. I was confronted with that in a 6 unified command scenario of a spill in the Chukchi Sea, 7 it's a drill but you had to act as if it was really 8 happening and there was a decision to be made. Is it 9 do we need to use chemical dispersants and disperse 10 that big oil plum and my questions are, I know we're 11 thinking of dispersing that but what are we doing to 12 the environment in doing that. They couldn't answer 13 the health questions about dispersing oil in a climate 14 like this, especially when you got large filter feeders 15 that we depend on as a food source. Are we going to be 16 contaminating ourselves. 17 18 Those kind of questions. 19 20 So I thought in my mind, because 21 dispersants should not be one of the portfolio of tools 22 to control an oil spill in the Arctic, we depend on 23 those marine resources. 24 25 Mechanical means, do your best to do 26 that if there was a large plum out there, you want to 27 try to herd it to the shore, if you can. 28 29 One of the different mechanism is light 30 it on fire and you only have probably hours to think 31 about lighting it on fire because of the emulsification 32 of oil, the coldness, the cold climate, that oil gets 33 emulsified very quickly. How effective that is in the 34 Arctic climate up here. You practically have to light 35 it right away in order to be effective or to be an 36 effective tool as a -- getting rid of oil from the 37 ocean. 38 39 Different tools like chemical herders, 40 an airplane would fly around and where there is patches 41 of oil -- it's called a chemical herder, it makes oil 42 bunch up together and get thick by itself, and you can 43 do various things. 44 45 So those -- there's so many questions 46 our there and those were, back then, our concerns, of 47 what you would do in terms of oil spill control. 48 49 One of the other things that we talked 50 about was do everything you can to put preventive

1 measures. Put your blowout preventers and test those, 2 your stacking cap, that was being worked on, and make 3 sure they work and have the capability of recovering 4 from off shore, when you're going to be a hundred 5 miles, 1000 miles from the nearest place, you would 6 potentially have to off load oil once you recover it. 7 I think that's impractical. You would almost need 8 infrastructure, maybe in Wainwright and Barrow for 9 effective response capabilities, maybe even an 10 injection well where you can -- not an -- it's called a 11 disposal well, or injection well, like a grind and 12 inject facility. The only place there is on the North 13 Slope is in Prudhoe Bay, grind and inject No. 4, all 14 the drilling ways that went on in the NPR-A that -- all 15 that drill cuttings, guess what, they had to back haul 16 all of that, they had to back haul all of those drill 17 cuttings back to Prudhoe Bay, grind and inject them, 18 then put them back underground. 19 20 Are we proposing to dispose of that in 21 the environment. 2.2 Those are some of the concerns that 23 24 were raised at the time. So I have not seen, to-date, 25 the capability or even the research up here in the 26 Arctic. There should be resource facilities up here. 27 We were invited to go to a research facility in Norway 28 to take a look at how you would respond in an Arctic 29 climate. We don't have those kind of facilities up 30 here. I think the Federal government is way behind in 31 being able to effectively research how you would 32 respond in ice conditions, in the Arctic climate up 33 here. 34 35 We consistently commented on the 36 drilling program for Shell and tried to let BOEM and 37 others realize, you should only reach the hydrocarbon 38 formation only a defined period of time in the Arctic, 39 between July and August. That's your window. If there 40 were something to go wrong beyond September, into early 41 September, you would go into the dark season and 42 starting to get cold then your response capabilities 43 start to diminish by the day. You get cold climates, 44 you get all of this darkness start to brew and the cold 45 comes in. Whereas if you drilled into the hydrocarbon 46 formation in July and August, you practically have a 24 47 hour window of cleanup opportunity because the sun 48 practically doesn't set for that period of time. It's 49 a warmer period and you can see the oil 24 hours a day 50 practically.

1 So those were our comments in trying to 2 convince the Federal government, what you should do to prevent oil from spilling, to have a capable response 3 4 planning and penetrating the hydrocarbon formation, 5 only in a defined period of time where you can do an 6 effective response. 7 8 You can get me going on this kind of 9 dialogue for a long period of time, but those were some 10 of the comments that we would have provided from the 11 North Slope Borough Planning, Wildlife, coming together 12 to make comments for the North Slope Borough Mayor to 13 submit those. But these are key information that, you 14 know, we continually emphasize to have the best 15 management practices, best Arctic technology in order 16 for these kind of response to be capable. Keeping in 17 mind that they did drill out there back in the '80s, I 18 think, to do the initial discoveries of these things. 19 20 CHAIRMAN BROWER: Uh-huh. 21 22 MR. G. BROWER: They may have not had 23 the standards that we have today, I don't know, or they 24 didn't implement them as such, or we were too young to 25 remember. 26 27 But, anyway, those were some of the --28 that would be my comments, I think that's John from 29 ICAS. 30 31 CHAIRMAN BROWER: Thank you, Gordon, 32 for making those comments. 33 John, I hope that's helpful in a sense 34 35 that you raised the question in regards to offshore oil 36 and gas. 37 38 I'm just looking back in terms of our 39 charter and what we're objected to do, not objecting, 40 but our objectives for our Council..... 41 42 (Laughter) 43 44 CHAIRMAN BROWER:is to be able to 45 provide meaningful comments in regards to subsistence 46 use resources on Federal public lands. 47 48 Our scope is somewhat limited in that 49 sense but we do provide comments if we're questioned 50 with the knowledge that is provided from each of the

1 Council members. And we also wear different hats in 2 the communities for employment, so we have a lot of 3 information that we also learn from the jobs that we 4 hold during the days. 5 6 Again, we have -- we're multi-faceted 7 in a sense that we come from different backgrounds with 8 regards to work relations but we all are users of our 9 subsistence use resources so we have a common call for 10 management of our resources that we depend on for 11 subsistence. 12 13 I hope that's helpful John. I'm not 14 trying to deviate from your comment but I think we need 15 to be within our parameters of why we sit here as a 16 North Slope Regional Advisory Council. 17 18 MR. HOPSON: Okay, thank you. I just 19 wanted to see if anyone had any comments or concerns 20 about the topic. So thank you guys for providing that. 21 22 CHAIRMAN BROWER: Thank you for raising 23 the question, John. 24 25 Maybe you may have some other comments 26 as well in regards to North Slope subsistence 27 activities on Federal public lands if you wish to offer 28 any of those kind of public comments or tribal comments 29 on non-agenda items that maybe we're not discussing at 30 this time. You're welcome to do that as well. 31 32 Or if we have other participants either 33 on the teleconference or the listening audience here in 34 Barrow. 35 36 Doreen. 37 38 MS. LAMPE: Good afternoon. Thank you, 39 Mr. Chairman. 40 41 REPORTER: Doreen, your mic. 42 43 CHAIRMAN BROWER: There's a button on 44 the mic. 45 46 REPORTER: Doreen, it's in the middle. 47 48 CHAIRMAN BROWER: If you could -- yes, 49 thank you. 50

1 REPORTER: Thanks, go ahead. 2 3 MS. LAMPE: Good afternoon, Mr. 4 Chairman. Doreen Lampe for the record. 5 6 I know there's another meeting going on 7 in Fairbanks and I'd like to recognize that our regular 8 member is on maternity leave until April, she just had 9 her twins, and our regular member Domingue, is 10 attending a meeting in Fairbanks and John Cody is our 11 ANA project coordinator for our offshore activities. I 12 appreciate your guys comments on this matter. I'm also 13 with the Native Village of Barrow as a Council member. 14 15 I'd just like to continue the dialogue 16 that ICAS is trying to create, a hunter/gatherer 17 commission to address some of our subsistence, what you 18 call subsistence what we call traditional harvest 19 access issues. 20 21 On your map here I provided, you can 22 see there's a lot of Federal public lands and there's 23 quite a bit of issues that our membership continue to 24 face regarding access of subsistence activities. 25 26 We have initiated some dialogue during 27 Kivgiq last year on the hunter/gatherer commission. We 28 kind of had to step back until we took a look at tribal 29 sensitive areas and where we would like to highlight 30 areas of the community's concerns that they wish to 31 protect for their community. Last summer Bob Wolf and 32 John Cody Hopson, along with Flora Aleu (ph) 33 (indiscernible) traveled to Point Lay, Point Hope, 34 Anaktuvuk Pass and Kaktovik, all the villages outside 35 of NPR-A to identify some tribal sensitive areas and 36 we'll be publishing that sometime this year. 37 38 I know there's a lot of different 39 commissions that seem to oversee certain species, like 40 the Polar Bear Commission, the Walrus Commission, AWC, 41 so kind of we don't want to kind of duplicate the work 42 that they're already doing but we would like more of a 43 dialogue for some of our traditional harvest users 44 regarding the renewable natural resources, the plants, 45 the animals, the fish and we'd like to get those access 46 issues resolved. So there's quite a bit of interest in 47 creating this Arctic hunter/gatherer commission and I'm 48 not sure how we can work with you but we do also need 49 to work with the State of Alaska for our members in 50 Point Lay and in Nuiqsut, Deadhorse area, also

1 Anaktuvuk Pass north of the Brooks Range, there's quite 2 a bit of State lands, and in Point Hope, quite a bit of State lands there. 3 4 5 So we do want to have the opportunity 6 to present this to you, to work with you guys and 7 create this Arctic hunter/gatherer commission that 8 should help alleviate a lot of access issues that some 9 of the traditional harvest users have been faced with 10 in the past. There's quite a bit of concerns that have 11 been raised at our ICAS general membership meeting and 12 we hope to work with you guys on that in the future. 13 14 Once, again, thank you for your 15 comments regarding the decision on the court case, the 16 Ninth Court of Circuit Appeals [sic]. All right, have 17 a good afternoon, thank you very much. 18 19 CHAIRMAN BROWER: Thank you, Doreen. 20 21 Gordon. 22 MR. G. BROWER: Yeah, Gordon Brower for 23 24 the record. This is probably just giving you some 25 information. 26 Before the ACMP, the Alaska Coastal 27 28 Management Program sunsetted and it was not -- no 29 legislative effort was to reenact that and the North 30 Slope Borough had embarked on a revision of the Coastal 31 Management Program and we developed new coastal 32 resource atlas. The North Slope Borough has an old 33 atlas to compliment the policies that it was intended 34 to protect through coastal management. And we 35 developed, I think, 168 sensitive maps for each 36 community identifying caribou hunting areas, berry 37 picking, a whole bunch of different sensitive 38 information. It might be -- there might be a way to 39 use that information because we aren't currently using 40 that, it was adopted by the Assembly but DNR had never 41 -- we were in an elevation stage with the commissioner 42 at the time until its demise. It'd be working through 43 the administration of the Borough. If that's the type 44 of information that's helpful for this particular plan, 45 if that's -- might help to minimize duplication of 46 effort. 47 48 That's all I wanted to offer. 49 50 I think it's an interesting concept to

1 hear about and, you know, hunter/gatherer associations. 2 I think there's something like that in Canada, some 3 Canadian folks had come visited the planning department 4 and talked about their association of hunters and 5 gatherers association over there and how they deal with 6 their Federal government. 7 8 It might be something to look into as 9 well. 10 11 Thank you. 12 13 MS. LAMPE: Mr. Chairman. 14 15 CHAIRMAN BROWER: Yes, Doreen, go 16 ahead. 17 18 MS. LAMPE: Doreen Lampe for the 19 record. 20 21 Yes, our president, George, sat in on 22 the II agreement meetings with Canada here in Barrow, 23 that was the Inupiat, Inuit Agreement and where they 24 co-manage the polar bears and the beluga and we are 25 working with them and thank you for your comments on 26 that. 27 28 Regarding the ACMP and the Federal 29 Coastal Zone Management Program, I don't know if this 30 Federal organization is the right one to address that, 31 but without the ACMP we would like to see the Federal 32 Coastal Management Plan be more accessible. And also 33 some of the comments that were shared in our surveys to 34 the villages, especially in Point Hope, was the need 35 for more ANILCA .810 public hearings, and in the Point 36 Hope area especially. 37 38 So thank you for your comments and look 39 forward to working with you all. 40 41 Thank you, very much. 42 43 MR. SHEARS: One more, Mr. Chairman. 44 45 CHAIRMAN BROWER: Yes, Robert. 46 47 MR. SHEARS: Doreen, let me give you 48 some feedback here in regards to the comments on the 49 hunters/gatherers commission on access issues that I 50 know of in villages on the North Slope that relate to

1 subsistence and that affect of subsistence. 2 3 Kaktovik is an island that is locked 4 from the mainland and prevents subsistence access two 5 times a year, during break up in June, hunters cannot б use their boats nor their snowmachines to access the 7 main land for hunting, and then again during freeze up 8 in November during caribou hunting, again, they're 9 locked up, they can't use their boats to access the 10 main land, and the ice is too thin for snowmachines. 11 And, you know, Fenton, has repeatedly asked, you know, 12 for funding or for studying to develop a bridge across 13 that -- it's a fairly significant project, but a bridge 14 across that inlet between the island and the main land. 15 But, you know, if they could -- before they were 16 established there and locked into living in homes, 17 constructed homes, the inhabitants of Barter Island 18 area were never affected by this, you know, they lived 19 on the main land when they needed to live on the main 20 land, they lived on the island when they needed to live 21 on the island. But it was the introduction of the 22 school there and forcing the people to occupy it that 23 has basically locked them out from subsistence. It's 24 an access issue in Kaktovik in regards to the physical 25 location of the community. 26 27 In Nuiqsut. NPR-A grant funds were 28 provided, you know, at the initial NPR-A lease sales 29 back when Alpine was being constructed, in 1999, 2000 30 -- 2000 NPR-A grand funds were set aside for Nuiqsut to 31 begin constructing a road from the community to the 32 Colville River. Grossly inadequate. There's no way 33 you can construct even a portion of that road for the 34 amount of funds that, you know, the State provided for 35 that but, you know, they threw a piece of money at it 36 and they said, hey, we solved your problem with your 37 subsistence access to the Colville River for launching 38 your larger boats, now deal with it, and that road 39 still has not been constructed today because funding 40 cannot be resolved to meet the prices of gravel that 41 the community has to compete with oil industry to 42 purchase. 43 44 Wainwright. Wainwright is more and 45 more becoming a fall whaling community as global 46 warming and sea ice in the spring is deteriorating 47 conditions. Even this year in one of the first times 48 in near history the whales have never been struck in 49 the springtime because of poor ice conditions. 50 Wainwright is becoming more and more a fall whaling

1 community. People in Barrow realize just to hunt 2 whales in the fall takes a little larger class vessel 3 than a skin boat, or the small aluminum towing skiff 4 that would be used in the spring. Wainwright does not 5 have the infrastructure to access deep water near the б inlet, it needs a 2.5 mile road to the inlet and they 7 have repeatedly been requesting construction of this 8 road from the North Slope Borough since the mid-1980s. 9 Again, and again it continuously gets denied because 10 it's considered not a benefit to the North Slope 11 Borough. Well, it sure is a benefit to the subsistence 12 people who want to hunt whales in the falltime in 13 Wainwright and it's becoming more and more an issue. 14 15 Point Lay. Point Lay, again, is 16 landlocked, not unlike Barter Island -- you know, 17 unlike Barter Island where they are separated from the 18 ocean by a coastal lagoon, the lagoon is a barrier to 19 the Barrier Islands, in the spring and in the fall when 20 the lagoon is freezing, global warming conditions is 21 making the ice very dangerous in the spring, very 22 dangerous in the fall for extended periods of time and 23 they cannot access the ocean for hunting. 24 25 Point Hope. Point Hope has been trying 26 to develop an access road to the foothills from their 27 community for a number of reasons. They tried to --28 you know, but the biggest justification for it is so 29 that they can -- so that they can have more ready 30 access. Point Hope is way out on a narrow spit of land 31 at the very point of Western Alaska. It is an 32 excellent place for marine mammal hunting and 33 subsistence and it provides insect relief in the summer 34 but more and more, again, with the warming trends of 35 the ocean, the changing conditions in the ocean, more 36 development activities, shipping activities in the 37 ocean they're turning to the land as a food source but 38 the land is -- the land base food source is far away 39 from that community. It's far to the west. And they 40 would like to be able to have a road access 20 miles 41 inland and they've tried to justify this road, you 42 know, on a number things. First, it was an emergency 43 evacuation route because they are concerned -- you 44 know, Point Hope is very close to sea level. But, you 45 know, they have not -- there's never been an experience 46 -- a significant flooding event there caused by ocean 47 flooding and so that really doesn't justify. But what 48 does justify it, is subsistence. They're seeking out, 49 they're crying for help so how they can -- so they can 50 change, adapt to this new subsistence environment that

1 we're in as the climate changes. 2 3 And so those are the examples that I 4 could put up as access issues that the hunter/gatherer 5 commission could consider, and that all of us should 6 consider is becoming more important to us from a 7 subsistence viewpoint. 8 9 Thank you. 10 11 CHAIRMAN BROWER: Thank you, Robert. 12 13 Doreen. 14 MR. LAMPE: Thank you, Mr. Chairman. 15 16 Thank you for those concerns. 17 18 We did reach out with some of the 19 members when we went on these village trips. John Cody 20 went to the one in Point Hope and Anaktuvuk Pass and he 21 followed the consultant, Bob Wolf, so we have a draft 22 document provided and I'm not sure if your types of 23 access issues were considered when they went to their 24 communities. They were there for about four days 25 during the summer and they elected to survey the most 26 active elder hunters and youth hunters in their 27 communities. Most of it was air traffic coming in 28 scaring their game in Nuiqsut or all the permitted 29 hunting and camping, outfitters on the HulaHula River 30 near Kaktovik and all the sportshunters allowed to hunt 31 near Anaktuvuk Pass and providing some meager portions 32 of the hunt, the catch that they don't consider the 33 sport prized parts to be flown into Anaktuvuk Pass and 34 given to the community. Before the first migration of 35 the caribou goes through the community that's the time 36 where the caribou will follow their trail for that 37 season. 38 39 So there's a range of different hunting 40 access issues, I quess, that we're not capturing in the 41 sense that you described. 42 43 But the Point Hope issue with 44 enforcement coming in from the south, Kotzebue area, 45 and seeming to like do selective target enforcement on 46 subsistence hunters where they have some new rules such 47 as one that was mentioned in a previous meeting. They 48 utilize a snowmachine and shoot their gun while they 49 are still on their snowmachine is a violation, and they 50 want more education given to the subsistence users on

1 all these regulation changes. They can take your gun, 2 they can take your game if they happen to witness you 3 shooting your gun off your moving vehicle, ATV or 4 snowmachine. 5 6 So there's a difference of concerns and 7 issues that we've seemed to capture in our short summer 8 survey trips that we've gone to with our consultant and 9 thank you for sharing your concerns on access issues 10 which are kind of new to me. 11 12 Thank you, Mr. Chair. 13 14 CHAIRMAN BROWER: Thank you, Doreen, 15 for providing your comments as well. It's an opportune 16 time for you to do so and it's well within our agenda 17 in hearing your comments as well, having this dialogue. 18 19 Thank you. 20 21 Do we have any other participants or 22 attendees that wish to comment. 23 24 Earnest, come on down, the price is 25 right. 26 27 (Laughter) 28 29 CHAIRMAN BROWER: Thank you, Ernest. 30 31 MR. E. NAGEAK: Ernest Nageak for the 32 record. 33 I work for US Fish and Wildlife Service 34 35 here in Barrow but I'm here as a subsistence hunter and 36 have a concern of threatened eiders because Fish and 37 Wildlife Service, they monitor and protect these 38 threatened eiders and my concern is with the increased 39 numbers in spectacled eiders on the North Slope, 40 they're known to fly with the king eiders and the 41 common eiders because they all fly together. But the 42 Fish and Wildlife Service's main concern is the steller 43 eiders, which is much smaller and you are able to 44 distinguish the difference from that bird and a king 45 eider just because of the size and the color of the 46 skin and stuff. But with the spectacled eider it's 47 harder to distinguish especially the females. When 48 they fly together, you know, they're all brown and the 49 spectacled eiders, all they have is like a white patch 50 on their eye. And my concern is with the increased

1 numbers of spectacled eiders nearly almost 300,000 or 2 more in Alaska -- or in the US. 3 4 I was out hunting ducks out at duck 5 camp and, you know, these flocks are up to the -- they 6 get 200, 300 birds in one flock at a time and with the 7 cost of shells maybe almost 40 bucks were taught to 8 maximize our shot and try to get as much birds as we 9 can and I shot at these female flock and I happened to 10 accidentally shoot a spectacled eider and, you know, 11 with the surveys of wildlife -- the harvest surveys and 12 all kinds of -- you know they say it's good information 13 and data and the Fish and Wildlife Service, you know, 14 always had our -- came up and said to self-report or, 15 you know, let us know if you accidentally shoot one and 16 so that's what I did, I called them let them know I 17 accidentally shot this bird because it was flying with 18 the king eiders and I thought -- it turns out they gave 19 me a fine for reporting what I considered was an 20 accident because I wasn't out there trying to shoot 21 spectacled eiders, they happened to be in the king 22 eider flock. And maybe could advise the Council, or 23 regional -- or in our region, you know, to have a 24 leeway, you know, if accidents like that happen again 25 because I'm sure more and more spectacled eiders are 26 caught out there but it's -- they don't go and let 27 anyone know. But if they could -- they're still on the 28 threatened list because they're not nesting on the YK 29 Delta that's why they're still considered threatened, 30 but with the increased number of spectacled eiders, you 31 know, we just want to -- I don't want my fellow 32 hunters, you know, getting cited for shooting a 33 threatened bird that was flying with -- that's just one 34 of my concerns and comments on the spectacled eiders 35 since the Federal government is protecting them. 36 37 So that's it. 38 39 CHAIRMAN BROWER: Thank you, Ernest, 40 for making those comments. 41 42 Any other feedback from Council 43 members. 44 45 MR. G. BROWER: Mr. Chairman. 46 47 CHAIRMAN BROWER: Gordon. 48 49 MR. G. BROWER: Yeah, Mr. Chairman. 50 Gordon Brower for the record.

1 I completely sympathize with Ernest. 2 There have been other young folks kind of disillusioned from this because it's hard to differentiate when those 3 4 ducks are going fast and you're -- you got to -- when 5 they come and you're in your little blind and you get 6 up and you're -- like you said you maximize, if you can 7 get three with one shot that's pretty good, you know, 8 and you're doing good. And it's just all food. 9 10 I used to have a concern about 11 spectacled eiders and others and, you know, a lot of 12 our elders have passed on that had good dialogue about 13 this. I remember my dad saying, those kind of birds 14 were never in numbers equal to what the other eiders 15 are around here. They were always, you know, you see 16 them but not in the same numbers as these other major 17 birds but because they look like they're few then all 18 of a sudden they're, you know, a protected species. 19 And it would be a good concern to raise as to what the 20 threshold level is to start to consider these things. 21 And, you know, sometimes I think they just get sued, 22 too, by the environmentalists to do certain things and 23 nobody really confronts when the Federal government 24 gets sued to protect something. 25 26 I think the Borough and others are 27 confronting about oogruks and other things because, you 28 know, the environmentalists get -- environmentalists 29 always get their way it seems like because they got a 30 lot of money and they sue the Federal government to 31 list these things and sometimes maybe it's premature. 32 33 So those are just my comments. 34 35 Another thing, do we recommend anything 36 about birds from this commission. 37 CHAIRMAN BROWER: We're basically 38 39 dealing with Federal lands and not so much migratory 40 birds. Our charter, if specifically identify it under 41 our charter, we're dealing with terrestrial animals, 42 basically. The regulation booklet is -- it doesn't 43 deal with the migratory birds or marine mammals, we 44 deal with terrestrial land based only. 45 46 MR. G. BROWER: Mr. Chair. 47 48 CHAIRMAN BROWER: Yes, Gordon. 49 50 MR. G. BROWER: I think we were, as a

1 body, made comments to another commission with concerns 2 that were raised, something that we could not make 3 recommendations ourselves to, but make comments, this 4 is what the Regional Subsistence Advisory Council has 5 concerns over. 6 7 CHAIRMAN BROWER: Uh-huh. 8 9 MR. G. BROWER: And they go to maybe 10 the flyaway people or something like that. 11 12 CHAIRMAN BROWER: Yeah. There's a 13 migratory bird working group and they deal with the 14 different flyaway zones within the US in that sense. 15 But in terms of migratory birds and regulations that 16 pretty much is through that management group itself 17 regarding migratory birds. 18 19 James. 20 21 MR. NAGEAK: Yeah. My nephew reminded 22 me of the time that I went to Chitina for dipnetting 23 and when you go to dipnetting you have to get one of 24 these little pieces of paper where you have to punch in 25 how many fish you got, as it turned out, you know, I 26 didn't have any tools to punch in that thing and so I 27 went to the Fish and Game office and said, can I borrow 28 your pencil so I could punch in how many fish I got on 29 my trip to Chitina and they said, yeah, here's a pencil 30 and he said why didn't you do that when you were there 31 by the river. I said I didn't have any sharp objects 32 in my possession. And he said I'm going to write you 33 up anyways. And I'm living in Fairbanks and the court 34 is in Glennallen so they set the time for me to go to 35 the court system there on a certain day so I drove from 36 Fairbanks to the court and the Fish and Game person 37 never showed up. And I wrote a comment here, the Fish 38 and Game made a spectacle of themselves. 39 40 (Laughter) 41 42 CHAIRMAN BROWER: Thank you, James. 43 44 I think, Ernest, I think we can, you 45 know, help in drafting comments regarding your concern 46 to the Migratory Bird Working Group and the regulation 47 committee, again, supporting your concerns and what 48 you're having to deal with in terms of what you were 49 honestly trying to help with the concern of birds that 50 are taken incidentally, I guess is how you would have

1 to state it, that we don't control them mixing in with 2 other flocks of the key species, the common eider, king 3 eiders and mixing in with the spectacled eiders. I know that happens as well. I grew up around that same 4 5 area you've been hunting and I see that -- seen that 6 actually happening recently, you know, the spectacled 7 eiders feeding near shore and a flock of ducks happen 8 to fly by, they fly up and catch up with a large flock 9 that is flying by already and they mix in with these 10 birds and we don't have no control as to which portion 11 of the flock not to shoot at. And we don't exactly 12 know where those spectacled eiders are blended into 13 that flock. As Gordon and you stated, Ernest, that 14 these birds are moving pretty fast, well over 60 miles 15 an hour in a sense when they're flying over if you --16 if you had a speedometer gage, you know, trying to 17 monitor how fast they're moving. That's something that 18 I had to deal with, that group from US Fish and 19 Wildlife Service that deal with the endangered species 20 group, to specifically the spectacled eiders and 21 provided those types of comments to them. 22 23 We don't try to target those birds but 24 they are shot down incidentally because they're mixed 25 in and we're not looking to try and identify which 26 one's the spectacled or which one's the common because 27 they all look the same at 60 miles an hour. 28 29 MR. G. BROWER: Yep. 30 31 CHAIRMAN BROWER: You know, who's going 32 to try to be looking for a little white spot on a bird 33 that's flying 60 miles an hour with 200 other birds. 34 They all look the same. I mean I've shared those 35 similar comments. Again, I think we can definitely 36 work with you as a Council supporting your concern to 37 see how better that condition, or stipulation that's 38 put under the migratory birds that's -- I mean that's 39 how we can proceed forward as a Council and looking to 40 see to remedy the problem and maybe we might create 41 another Duck Inn, like the 1964 situation about the 42 take of migratory birds out of season. That was --43 that's what created that duck, there was some 44 regulations that were generated for taking the birds at 45 a different timeframe at a different country and 46 somehow the US got evolved into those regulations and 47 our uses for those migratory birds were not very well 48 documented and enforcement agents happened to be here 49 and cited several folks for -- several of our hunters 50 for taking those birds and that's what created that

1 Duck Inn. 2 3 In regard to the number of --4 specifically the spectacled eiders, I can tell you the 5 range of numbers are in the thousands. There's only a 6 small portion of them that migrate into the Alaskan 7 coastline. Thousands of them migrate over to the 8 Russian coastline, in larger numbers that reside here, 9 locally, in Alaska, the state of -- the coastline on 10 the North Slope. 11 12 So, you know, it depends on how those 13 folks that are managing the migratory birds perceive 14 that these are threatened and that interpretation needs 15 to be elevated to where there's more communications to 16 better resolve the conditions that we're dealing with 17 regarding migratory birds. 18 19 I hope that's helpful, Ernest, I'm not 20 trying to push you away. If you have other comments 21 you'd like to provide, go ahead. 22 23 MR. E. NAGEAK: Thank you. 24 25 CHAIRMAN BROWER: Yes. 26 27 MR. E. NAGEAK: Since a bird was 28 considered a Federal threatened..... 29 30 CHAIRMAN BROWER: Sure. 31 32 MR. E. NAGEAK:a concern for the 33 Federal government I thought I'd bring it up to the 34 Federal Regional Advisory Council, a subsistence 35 hunters concern out there because, you know, they're 36 going to keep growing in numbers, they find a lot of 37 nests every year, spectacled eiders around here and 38 they're going to continue to mix in with the other 39 flocks and there's..... 40 41 CHAIRMAN BROWER: So, Ernest, can I 42 invite you to come in again tomorrow, is it tomorrow 43 that we have our Assistant to the Secretary of Interior 44 and Tommy Beaudreaux -- go ahead, Eva. 45 46 MS. PATTON: Mr. Chair, if I may. 47 Right before we reconvened from lunch -- I didn't have 48 a chance to update you, I got a call from the 49 Secretary's office, their secretary -- secretary to the 50 Secretary, I guess, they got weathered out. Their

1 charter couldn't fly due to cold weather so I'll call 2 back during the break but it sounded like they may not be able to make it here to Barrow. 3 4 5 CHAIRMAN BROWER: Anyway, I was..... 6 7 MS. PATTON: Yeah. 8 9 CHAIRMAN BROWER:asking -- not 10 knowing that they were having weather problems, like we 11 do around here, I was going to invite you to help 12 provide those comments to these folks that could help 13 with our situation in terms of how things are perceived 14 under the regulatory management of our resources, you 15 know, Federal subsistence means something to our 16 people, and it's inclusive of all the resources that we 17 utilize for subsistence but when it comes to the 18 Federal Subsistence Management Program, we're 19 specifically addressing just a small portion of those 20 resources, we don't cover migratory birds, we don't 21 cover marine mammals, we can do fish and terrestrial 22 animals, basically. So that's something -- the kind of 23 message I was wanting to share with our secretary --24 but if things do change and they do arrive we'll 25 definitely try to give you a call and see if you could 26 take part in providing those concerns again. 27 28 MR. E. NAGEAK: Okay, thank you very 29 much. 30 31 CHAIRMAN BROWER: Thank you, Ernest, 32 for taking the time. 33 34 James. 35 36 MS. AHTUANGARUAK: Harry, this is 37 Rosemary. 38 39 CHAIRMAN BROWER: Go ahead, Rosemary. 40 41 MS. AHTUANGARUAK: I just wanted to add 42 that this discussion this afternoon has gone over quite 43 a bit of stuff but it's very important in understanding 44 the issues that we're facing in trying to discuss how 45 important our traditional and cultural foods are and 46 our uses and how we utilize them in our lands and 47 waters. Working with the request, to get through, it 48 might help us work through some of the issues that 49 we're unable to address because of the multi-layered 50 approach of management in our region. It is important

1 that we find ways to get to a better resolution to the 2 discussions that we entertain and concerns from our 3 memberships and how we try to address them because of 4 language in the Federal process that limits the ability 5 of us to effectively discuss the issues that are so б important to us. 7 8 Thank you. 9 10 CHAIRMAN BROWER: Thank you, Rosemary, 11 for your comments. 12 13 James had asked me to be excused this 14 afternoon and he did mention this morning that he had 15 an invite to take part in a event that was happening 16 this afternoon regarding one of his close friends, that 17 he was retiring, I think, retiring from his position at 18 the school district, so he was invited to attend that 19 and that's where he's going to be taking off to and 20 coming back as soon as it's done there. 21 22 Doreen, I'm glad you're here to hear 23 some of the concern of Ernest's and how that 24 description of subsistence management regulations are 25 not quite what we try to understand them to be and have 26 multi-faceted situations in terms of how our resources 27 are managed by our Federal government in regards to 28 marine mammals, migratory birds, terrestrial animals, 29 fisheries that being segmented and we're only dealing 30 with a small portion. And I just started thinking 31 about what you were commenting about that hunter 32 trapper association in some point within those 33 discussions, if we could make that distinction about 34 how our Federal processes or Federal regulators have 35 separated these different resources and managed by a 36 number of Federal agencies. It's just not one agency, 37 it's multiple agencies that manage these different 38 resources. 39 40 Doreen. 41 MS. LAMPE: Yes, Mr. Chairman, thank 42 43 you very much. Doreen Lampe for the record. And my 44 other hat is the executive director of the Inupiat 45 Community of the Arctic Slope. 46 47 And I'm glad you did sit in on our 48 really early discussions during Kivgiq regarding our 49 conceptual idea of this hunter/gatherer commission and 50 we have been very careful not to model it after AWC
1 where we lose control of this commission but we keep it 2 within the Federal/Tribal authority of ICAS to exercise our sovereign authority for our membership, which seem 3 4 to be the ones that are selectively targeted for 5 selective enforcement of various organizations. When 6 they had that spectacled eider endangered species 7 listing, the local stores were selling lead shot, yet, 8 they were not penalized, they were not fined, they were 9 not cited until you actually had a hunter buy it and go 10 out there and shoot it and put lead into the 11 environment, then at that point was selective 12 enforcement used against a subsistence hunter for 13 buying a shot that was legal to buy but illegal to use 14 in the United States. 15 16 So these are other various types of 17 issues regarding, not just access, but like you've 18 heard today cross-regional boundary issues where we're 19 not able to effectively remedy or resolve area wide 20 concerns that our general membership with various 21 different land jurisdictions held by various Federal 22 managements. When you look at that map you could just 23 see how many boundaries have been created where ICAS, 24 we're just the 68th North Parallel, that's our 25 boundary, and we're asked to comment and sit in on so 26 many different organizations that seem to have some 27 management limited capacity to manage certain aspects 28 that impact the subsistence hunter. 29 30 So I enjoy being here. I'm sorry I 31 didn't realize my regular member, she'll be out on 32 maternity leave and we had a lot of email and telephone 33 difficulty but I took it to heart that you guys took 34 the time out of your day to travel all the way to 35 Barrow and I thought I should be here and I'm glad I 36 did. 37 38 I know with Native Village of Barrow we 39 have a wildlife director, Joe Sage, and Native Village 40 of Barrow did sign a cooperative MOA to work with the 41 Federal Wildlife Service to try to have our bird 42 education program on steller and spectacled eider and 43 have some high school interns go out and identify 44 nesting areas and call it the Eider Journey Program. 45 So with my other hat, with the Native Village of Barrow 46 Council, that did take place and we were quite shocked 47 when -- to hear about Mr. Roy Ernest Nageak's situation 48 where it was self-reported and in the agreement, you 49 know, you self-report yourself, you don't expect to be 50 fined and cited as if you were actually red-handedly

1 caught by a Federal agent. So there are a lot of issues still that 3 4 we haven't touched on but I'd just like to say 5 regarding the fish here, there was some concerns in 6 Nuigsut regarding the deformities and also the caribou 7 issue. I know it's out of your jurisdiction but when 8 they do have caribou on State land sides across the 9 Colville River and they hunt them, they get 10 confiscated, their weapon, their game and they get 11 escorted out of the State lands. 12 13 But we have a long ways to go yet on 14 this hunter/gatherer commission but we've done the leg 15 work regarding the grant portion of the tribal 16 sensitive areas, and thank you, Gordon, for your 17 comments on that, Bob, and Harry, appreciate hearing 18 all the issues here this afternoon and I look forward 19 to working with you better and we'll be more on top of 20 our representatives. Sorry. I know I did ask Cody to 21 call in, we were expecting another Federal agent to 22 come into town also today, we're going to have a 3:00 23 o'clock government to government meeting but glad to 24 hear that's cancelled so I can sit in the rest of the 25 day on this meeting here. 26 27 But I do appreciate your guys' 28 commenting to other organizations to try to help and 29 resolve remedies to these situations that are occurring 30 and are very stressful to young subsistence hunters 31 still trying to learn the way and provide food on the 32 table for their families and I really appreciate the 33 opportunity to be here today. 34 Thank you, Harry. 35 36 37 CHAIRMAN BROWER: Thank you, Doreen. 38 39 Okay, and I'll just ask maybe the 40 participants over the telephone if there's any other 41 comments to be provided regarding this agenda item, 42 public and tribal comment on non-agenda items. 43 44 MS. AHTUANGARUAK: Harry, all of these 45 issues that we've been discussing has a really 46 important issue on the social structures of our 47 communities and the complexity of trying to provide for 48 our families from the traditional foods that we have 49 harvested through the generations. The changes that 50 are occurring make it very difficult to communicate at

1 the right meeting to try to get our issues to the right 2 place to have a hope of having an agency take a response to these concerns. It's very difficult for us 3 4 to be able to be on top of the continued change of 5 regulatory effort, especially as there are many changes 6 that are occurring which increasingly changes to our 7 lands and waters and trying to identify what changes 8 are causing the impacts to our subsistence issues. 9 10 All of these things are really 11 important that cause us to have some changes to these 12 subsistence harvesting, it impacts us in so many 13 different ways, the social structures of our families, 14 the understanding of the value of the participants of 15 the ones that are going out to do these activities, 16 when they go out and it used to be five gallons and you 17 could go out and get a caribou, but now it's 20 18 gallons, 50 gallons and there isn't a caribou. It's a 19 very different discussion they're having and then they 20 come back with the snowmachine being broken and the 21 additional cost of what all that means; the discussions 22 are very different. Educating our families get changed 23 because of what used to be okay for our elders to hunt 24 is not okay for young people to hunt and trying to 25 blend the process. 26 27 All of this is not well understood but 28 -- are felt through the process on the social bad 29 things that happen with the increase in suicide 30 attempts, suicide successes, the disruption that occurs 31 with domestic violence, hearing these kinds of things 32 when we have immediate change to your subsistence 33 harvestability and your ability to feed your family and 34 to fill our cellars to prepare for the year in the 35 extreme environment that we need to have these basic 36 food resources to be able to walk out on our lands and 37 waters with these temperatures that we live with. It's 38 a very different process and we don't get to the right 39 position to bring all these discussions. 40 41 It's so important, all of the subjects 42 that we've been contributing and some of the issues 43 that we have to face. 44 45 Thank you for making sure we had 46 opportunity and furthering the need to add additional 47 comments. 48 49 CHAIRMAN BROWER: Thank you for your 50 comments, Rosemary.

1 Hearing no other person wanting to 2 comment, we could definitely move on to our next agenda 3 item. 4 5 Any more comments. 6 7 (No comments) 8 9 CHAIRMAN BROWER: Maybe before doing 10 that we'll take a 10 minute break. 11 12 (Council nods affirmatively) 13 14 CHAIRMAN BROWER: Okay, I'll call for a 15 10 minute recess. I got to listen to my elders. 16 17 (Laughter) 18 19 CHAIRMAN BROWER: 10 minute break. 20 21 (Off record) 22 23 (On record) 24 CHAIRMAN BROWER: We're done with 25 26 public and tribal comments on non-agenda items. Now 27 we're moving along with our agenda and getting into the 28 old business. 29 30 We have several updates on some of our 31 agenda items. 32 33 The first one reads Road to Umiat 34 status and update. So I'll look to Eva to help provide 35 the update. 36 MS. PATTON: Mr. Chair, thank you. And 37 38 as we discussed yesterday this is a very brief update. 39 I do have two pages of general information on the 40 status of the EIS for the road to Umiat. 41 42 And as we had discussed yesterday that 43 EIS is essentially on hold. I spoke with the Army 44 Corps of Engineers. The State has suspended their 45 proposal in development of that road and the EIS is in 46 suspension so there's no progress on it. As soon as 47 anything gets opened back up again Army Corps of 48 Engineers will initiate that EIS process and provide 49 the public with formal noticing of anything being 50 initiated again.

1 So Dave Yokel will provide the Council 2 with updates on any ice and snow roads, but currently there's no development going on for the actual EIS, 3 4 road to Umiat. So the ice and snow roads updates will 5 be tomorrow and that's on the NPR-A lease sales areas. б 7 CHAIRMAN BROWER: Any questions to Eva 8 from the Council. 9 10 MS. AHTUANGARUAK: Harry. 11 12 CHAIRMAN BROWER: Rosemary, do you have 13 comments. 14 15 MS. AHTUANGARUAK: When we were at the 16 Water Rights Conference there was communication that 17 Anaktuvuk and Ambler would be really good to talk if 18 there's any movement on this project because of their 19 proximity and nearby reaction to any changes that will 20 affect the migration but they have requested that at 21 that meeting we were at. 22 23 Thank you. 24 25 CHAIRMAN BROWER: Who was the other 26 community, Rosemary, AKP and..... 27 28 MS. AHTUANGARUAK: Anaktuvuk and 29 Ambler. 30 31 CHAIRMAN BROWER: Ambler, okay. 32 33 MS. PATTON: Mr.... 34 35 CHAIRMAN BROWER: Thank you. 36 37 MS. PATTON: Mr. Chair. 38 39 CHAIRMAN BROWER: Yes, Eva. 40 MS. PATTON: Through the Chair, 41 42 Rosemary, Marcy Okada will be providing an update to 43 the Council tomorrow for the National Park Service and 44 she does have a handout and a brief update on access 45 road through Gates of the Arctic so she can provide an 46 update on that process tomorrow. 47 48 CHAIRMAN BROWER: Did that help you 49 Rosemary. 50

1 MS. AHTUANGARUAK: Yes, I know Esther 2 was able to talk to somebody at Ambler and that's how 3 the communication came to me. 4 5 Thank you. 6 7 CHAIRMAN BROWER: Okay. If there's no other comments or questions to Eva on the road to Umiat 8 9 we'll move on to our next agenda item, wildlife 10 regulatory proposals. I see an asterisk on the end of 11 the -- but where do we follow up discussion by the 12 Council is desired, Eva? 13 14 MS. PATTON: Mr. Chair. Through the 15 Chair, the Council had taken action on all its Federal 16 wildlife proposals and other proposals brought before 17 the Council at the last meeting so there's no action 18 remaining by the Council at this time. 19 20 There is one update for Proposal WP14-21 51, which was the Red Sheep Creek, the ADF&G's proposal 22 to rescind closure in portions of Arctic Village Sheep 23 Management Area. Eastern Interior Council also took 24 this proposal up, Arctic Village is within that 25 Council's region, but Arctic Village and Anaktuvuk Pass 26 both have C&T for sheep in this area. So the Council 27 did vote to oppose this. The North Slope RAC Council 28 voted to oppose this proposal at your last meeting. 29 Eastern Interior took this up and also voted to oppose 30 this proposal and supported the community. There was 31 quite a bit of public testimony, both public and tribal 32 members from Arctic Village and Venetie traveled to the 33 Eastern Interior Council meeting and called in on 34 teleconference, and the Council voted to oppose this 35 proposal after testimony on the cultural importance of 36 sheep for the community and the overriding concerns of 37 interaction from hunting, pushing sheep further away 38 from the community. 39 That's all for the updates for the 40 41 wildlife proposals. 42 43 CHAIRMAN BROWER: Thank you, Eva. 44 Questions from Council members. 45 46 MS. AHTUANGARUAK: Eva, you didn't 47 mention Kaktovik, but Kaktovik also had a lot of 48 communications early on in that process. 49 50 MS. PATTON: Through the Chair, yes,

1 thank -- thank you, Rosemary. And that was a big part 2 of the testimony from this Council, is the involvement of Kaktovik with their C&T with sheep in this area. 3 4 5 Thank you. 6 CHAIRMAN BROWER: Okay. Is there any 7 8 other discussion on that, on the wildlife proposal 9 updates. 10 11 (No comments) 12 13 CHAIRMAN BROWER: Even though we don't 14 have any wildlife regulatory proposals -- but there was 15 one that Robert, you mentioned, during our discussions 16 today about the incident that occurred down in Point 17 Hope regarding the use of snowmachining for taking of a 18 furbearer and how that initiated the discussion through 19 the Board of Game, I think there's going to be some 20 followup. I wasn't sure within the agenda we were 21 going to bring this up but.... 22 MR. SHEARS: Mr. Chair. 23 24 25 CHAIRMAN BROWER: Yes, Robert. 26 27 MR. SHEARS: Yeah, and in so learning 28 as we discussed that today we realized that, you know, 29 who could possibly be pursuing that and representing, 30 you know, our concerns on that case forward to the 31 State and it was determined that the North Slope Fish 32 and Game Management Board is our acting advisory group 33 for this matter. 34 35 And I would like to, you know, consider 36 a motion from this Council, a statement of support to 37 the North Slope Fish and Game Management Board that the 38 North Slope Subsistence Regional Advisory Council, in 39 essence, desires allowing the take of wildlife from a 40 motorized vehicle, whereas, the motorized vehicle has 41 become the primary means of transportation for 42 subsistence hunting in our region and specifically in 43 regards to furbearing animals. We think this unduly 44 criminalizes an activity that is a traditional and 45 customary use. 46 I don't know exactly how I could word 47 48 this motion, Eva, but for the consideration of this 49 Council I'd put it out there in that way. If we have a 50 second maybe we could refine it with discussion.

1 CHAIRMAN BROWER: We have a motion on 2 the floor. 3 4 MR. G. BROWER: Mr. Chairman, I would 5 second that for discussion. 6 7 CHAIRMAN BROWER: The motion's been 8 seconded for discussion. 9 10 Who's going for it, Bob or Gordon. 11 12 MR. G. BROWER: Let Bob go. 13 14 CHAIRMAN BROWER: Robert. 15 16 MR. SHEARS: I want to do this in a 17 responsible manner realizing that this regulation in 18 the general provisions of the subsistence management 19 regulation book has -- it's there for a reason. You 20 know it started -- you know it created a lot of 21 controversy back in the 1970s and '80s with Sierra Club 22 and with the Humane Society and with the environmental 23 interests of the nation in protecting wolf populations 24 and they were saying that this is unfair, as the 25 chasing for the destruction of wolves, you know, 26 chasing them with snowmachines and aircraft was an 27 unfair advantage and that it was stressing the wildlife 28 -- the population of that wildlife unduly and that it 29 would crash, you know, it would -- it could crash the 30 population and the population of other animals that 31 they control. 32 33 The North Slope region -- and so these 34 policies were kind of augmented -- were kind of 35 implemented across the board for the entire state of 36 Alaska saying, you know, chasing wolves, you know, with 37 snowmachines is illegal on the Kenai Peninsula 38 therefore it should be illegal in the Norton Sound 39 area, the North Slope area, everywhere, just to be 40 fair. Well, it's not done for fun, it's done to 41 control, you know, both to control a predator that 42 competes with us for, you know, food, for sustenance 43 for the caribou but also it's simply to harvest the fur 44 for the construction of winter clothing that, you know, 45 is time proven immortal to defeat the elements, the 46 winter elements up here more than anything ever created 47 synthetically by man. Trapping is also employed, quite 48 successfully up here, however, on the North Slope we 49 don't have the force -- channels the wildlife and the 50 traditional trails that trapping benefits the people of

1 the Interior, the animals, the furbearing animals 2 especially roam quite freely, and once though tracking 3 them down with a snowmachine to their denning place and 4 digging them out of their dens is one method of doing 5 it legally, however in many instances the animal will 6 run off and pursuit is the only way to finish the hunt. 7 Bringing the snowmachine to a complete stop and getting 8 off of it, you know, in accordance with the regulations 9 to take your shot puts the animal far out of range, 10 often leaving them wounded and allowing them to get 11 away. So elements of, you know, the subsistence 12 hunters of the North Slope simply criminalize 13 themselves. They degrade their values and, you know, 14 and they commit an offense to bring home an animal that 15 is of great subsistence value to our households. 16 17 I would like the Council -- the North 18 Slope Fish and Game Management -- the Council to 19 support the Fish and Game Management Board in pursuing 20 this matter to uncriminalize the fair pursuit in taking 21 of furbearing animals with a motorized vehicle. 22 23 Eva, I hope, you know, I have provided 24 enough verbiage here to help create a letter that, you 25 know, this Council could perhaps endorse and send to 26 the Fish and Game Management Board, you know, showing 27 that they have our support in this matter. 28 29 Council members. 30 31 CHAIRMAN BROWER: I could elaborate on 32 this as well. 33 34 We have, as you stated, our North Slope 35 Borough Fish and Game Management Committee who is also 36 our local advisory committee to the State for the North 37 Slope area, Game Management 26. And I would just 38 advise -- I mean information provided to me by Billy, 39 that there's a letter that's been drafted in response 40 to I quess the proposal being drafted for consideration 41 to the Board of Game. Not mentioning all the verbiage 42 yet and I think it's in response to -- similar response 43 to what you're stating here in this motion that it be 44 addressed with the local input on not criminalizing our 45 hunters for the use of a motorized vehicle to take 46 furbearers. 47 48 So that's something that he went to 49 retrieve from the office, it's out at NARL, it's going 50 to take a few minutes, for not knowing when we were

1 going to address this issue, I think they were thinking 2 of being here tomorrow, Mike Petersen is our current 3 manager for the -- through the Department of Wildlife 4 Management is the manager for the North Slope Borough 5 Fish and Game Management Committee and Tagulik Hepa is 6 the director for the Wildlife Management and she was 7 looking to take part in the discussion tomorrow. And I 8 think we're -- I told them I wasn't sure when it was 9 going to come up within the agenda but it was -- that 10 we were going to have some discussion on and probably 11 take action in support of what's being proposed by the 12 Fish and Game Management Committee. 13 14 Because this was something that you, as 15 well, identified that this was a concern that was 16 voiced to our North Slope Borough Assembly, which is 17 our local government and the Mayor had directed Taqulik 18 to see how we could continue with our local advisory 19 committee and their involvement. And that being said, 20 you know, these are our local government and the North 21 Slope Borough being our greatest provider of resources 22 they're going to be working with us, us meaning the 23 North Slope Borough Department of Wildlife Management 24 through the Mayor's office to see how we could remedy 25 the situation with the -- regarding this regulation. 26 MR. G. BROWER: Mr. Chair. 27 28 29 CHAIRMAN BROWER: Yes, Gordon. 30 31 MR. G. BROWER: You know a lot of times 32 when we're subsisting and going out there to collect 33 food and furbearing animals, we're doing a lot of 34 different things at the same time. I'll go out there 35 to haul my fall catch and have stored thinking that a 36 wolverine's trying to get in my shed all the time..... 37 38 (Laughter) 39 MR. G. BROWER:and which they do 40 41 and sometimes my camp up there is strewn with hundreds 42 of fish that they happen to break in, the wolverine is 43 a pretty tough little -- you know, and proceed to put 44 traplines, however there are incidental matters of 45 coming across one where it's out in the open and not in 46 a den and you can successfully harvest one as an 47 incidental take on a motorized vehicle like that, it 48 shouldn't be, I think, penalized for doing that. You 49 know I would tend to support language that support

50 folks that are doing their best to do their subsistence

1 activities and sometimes it's just an opportunity and 2 you take that opportunity. 3 4 Maybe it's a little bit more humane 5 than, you know, having to check your trap once a week 6 or something like that and having your animal, you 7 know, linger in a trap situation for awhile, in this 8 case you would put it down practically immediately. 9 10 You know there's so many different ways 11 of putting these things and many different ways it 12 doesn't even sound right when you want to express that. 13 All we're doing is just doing our traditional 14 activities with the new tools that we have presently. 15 In the past we would do it from a dog sled, you know, 16 and you couldn't readily park your dog sled, you had 17 to, you know, on the move. 18 19 Those are just some of the things I, 20 you know, it's troubling what has happened and there's 21 ways of, I think, of correcting what happened, many 22 different ways and the fact of the matter it's just 23 subsistence activities we're used to and accustomed to 24 chasing these things opportunistically either on foot 25 or you corner them in a trap and you be cunning enough 26 to get them into your trap and when the opportunity 27 arises, and it doesn't always happen, and you're 28 basically very lucky sometimes and then you can take 29 one that way. 30 31 Those are my comments. 32 33 I'll just leave it at that. 34 35 CHAIRMAN BROWER: Thank you, Gordon and 36 Robert. These are very important comments to provide 37 and share with others to help with the conditions again 38 we're being subjected to. 39 Yesterday, again, during the pre-40 41 meeting discussions we did go through our agenda and 42 this is one of the topics that we discussed in regards 43 to how the situation came about. I sat here and 44 listened for awhile and I had to make my comments as 45 well. So I use that depiction back there in the back 46 of the room of our whaling activities. You know, 47 there's a big picture here in our cultural center, I'm 48 talking about, is that painting of a whaling crew in 49 pursuit of a whale and they're in momentum and you 50 can't be sitting still to try and harvest a whale of

1 that size or an animal of that size, in just comparison 2 to what's being -- we're being subjected to address is 3 the motorized vehicle and the furbearer. They're 4 paddling where a whale has been struck with a float and 5 harpoon and looking to harvest that animal to bring it 6 home for sustenance and other things, that gets brought 7 on when a successful harvest of whale is taken and 8 landed to be utilized for multiple things. So I was 9 using that depiction because it's a great scenario, our 10 depiction of some of the methods that we still use 11 today. 12 13 You know, even for our caribou, I think 14 we've addressed that situation in a river, the taking 15 of caribou while in a motorize boat, which was made 16 illegal some time ago and we were putting the exception 17 for -- to take away that restrictive regulation in Game 18 Management 26 and it's always been exempted down in the 19 Kotzebue -- I think it's 23, Game Management Unit 23, 20 that same exemption is applied there. 21 22 I seen Geoff wave his hand over there, 23 I'm not sure if he's just wanting to elevate his arm 24 and stretching out or if he's wanting to provide some 25 comments as well. So, Geoff, I'll give you the floor 26 at this time. 27 MR. CARROLL: Yeah, just a quick update 28 29 where we are with this. 30 31 There is a Board generated proposal 32 after the Kotzebue meeting because of all the testimony 33 there and the Kotzebue AC wrote up a very good proposal 34 about this, but at this stage it's basically to change 35 the hunting restrictions to allow the use of 36 snowmachine to track and pursue caribou, wolves and 37 wolverines, but it's just for Unit 23 at this point. 38 So -- but they put out the call to all the other ACs, 39 if you think you ought to get in on this, write us a 40 letter, and as far as I know that's what people working 41 with -- through the Wildlife Department and the North 42 Slope Advisory Committee, you know, they've written a 43 letter. I haven't seen it yet but that was the last 44 word we got, they were going to write a letter and, you 45 know, join the list of areas that want to be included 46 in this. 47 48 So, anyway, yeah, a letter of support 49 would probably be good. But also, you know, you have 50 basically the same wording as the State in the Federal

1 regulations so I don't know when is appropriate but you 2 might want to try to make a proposal to reword the 3 Federal regulations to keep everybody in alignment..... 4 5 CHAIRMAN BROWER: Uh-huh. 6 7 MR. CARROLL:at some point, you 8 know. 9 10 CHAIRMAN BROWER: Yeah, thank you, 11 Geoff. 12 13 MR. G. BROWER: Mr. Chair. 14 15 CHAIRMAN BROWER: Gordon. 16 17 MR. G. BROWER: Yes, it seems to me I 18 thought if we're going to work with Federal managers to 19 align regulation with State managers that it would 20 automatically amend ours. Didn't we go through that 21 process to align State regulation with Federal 22 regulation on the taking of game on Federal land? 23 24 MR. CARROLL: Well, I guess that's what 25 I'm recommending is that you go through the process to, 26 you know, if the State changes that, you know, the 27 Federal side would want to consider, you know, 28 following along or come up with whatever you think's 29 appropriate. 30 31 MR. G. BROWER: Mr. Chair. 32 33 CHAIRMAN BROWER: Gordon. 34 35 MR. G. BROWER: Yeah, I think that 36 really needs to be done, I mean taking motorized 37 vehicle off but use the term snowmachine, it would be 38 real specific, if that's what we're seeing in Unit 23, 39 including making recommendations to include, you know, 40 units that are affecting us over here on that proposal, 41 you know, since we're talking about this under a 42 motion, you know, that maybe there's a need to do this. 43 44 CHAIRMAN BROWER: Geoff. 45 46 MR. CARROLL: You know I have a copy of 47 this State proposal, I was planning on talking about it 48 yesterday -- or tomorrow during our presentation but if 49 -- I don't know is it possible to run off copies here 50 can we do that or I'll just bring copies of it

1 tomorrow, if that's easier. 2 3 CHAIRMAN BROWER: Geoff, maybe before 4 you do that, maybe let me just ask Bob and Gordon and 5 Rosemary, who's on line, if we should reconsider to 6 take any action after having this discussion and the 7 presentations from both the State and our local 8 advisory committee on this matter. Like I said, I 9 wasn't sure when you were looking to come about and 10 discussing this and what I've understood was that the 11 concern was voiced from our Assembly member to our 12 Mayor of the North Slope Borough and she had directed 13 our Staff from the Wildlife Department to help resolve 14 the situation because this is a real situation that 15 arised down someplace south of one of our Assembly 16 members was informed about that and it elevated the 17 situation. 18 19 I just look to Bob and Gordon to --20 because you are the motioner and the seconder of the 21 motion to maybe if we could rescind the motion and take 22 action at the appropriate time regarding this. 23 24 MS. AHTUANGARUAK: Yeah, this is 25 Rosemary. I'd like to encourage us to take some time 26 to get further educated on the discussion around this 27 issue, getting the information from the Board of Game 28 that Geoff has discussed, as well as getting any 29 insight from the Assembly member and the specific 30 incident that can help us in articulating what we need 31 to make sure that we're all together on this issue. W e 32 really need a united stance on this process, and 33 support from the various entities that need to weigh 34 into this process. 35 36 Thank you. 37 38 CHAIRMAN BROWER: Thank you, Rosemary. 39 40 MR. G. BROWER: Mr. Chair. 41 42 CHAIRMAN BROWER: Gordon. 43 44 MR. G. BROWER: As the seconder I would 45 rescind my second to allow for additional discussion on 46 this perhaps tomorrow as we're getting more 47 information. 48 49 MR. SHEARS: Mr. Chairman. 50

1 CHAIRMAN BROWER: Bob. 2 3 MR. SHEARS: I'd go ahead and withdraw 4 the motion. 5 6 CHAIRMAN BROWER: Thank you, Bob. 7 8 Thank you Bob and Gordon. 9 10 Yeah, like I stated earlier, I wasn't 11 sure when or how fast we were moving within our agenda 12 and hoping that Taqulik and Mike would be here to help 13 with furthering along the discussion, we're moving 14 somewhat a little bit faster than our normal meetings. 15 You know we've had other meetings where we've had a 16 whole bunch of information that was presented to us in 17 a short period of time in two days of meeting, but 18 regarding this meeting it's a little bit more timely 19 and having shorter discussion periods; it must be the 20 turnabout from having a pre-meeting in my opinion, but 21 that's just my opinion. So that's something I'm just 22 trying to better understand in my own mind as to how 23 fast we're moving in regards to these other things. 24 25 So thank you for doing that and it'll 26 give us an opportunity to, again, as Rosemary stated, 27 to get better educated on the contents of the language 28 and the proposal itself which was derived from the 29 State Board of Game. 30 31 Thank you Billy for sharing this 32 information. This is a memo that was, again, I 33 mentioned earlier that was drafted by our director, 34 through Mike Pederson who is the executive manager for 35 the Fish and Game Management Committee, who takes on 36 the responsibility of addressing State -- the State 37 Board of Game, or Board of Fish and then our Regional 38 Advisory Council as well in terms of regulations that 39 are being proposed for consideration. 40 41 Having that said, the information has 42 been presented to Bob and myself and Gordon regarding 43 some of the language, verbiage that's being suggested 44 there. We'll see if we can get a copy to you, 45 Rosemary, I'm not sure if you're planning to be here 46 tomorrow but we'll definitely get one for you and James 47 to read as well. 48 49 MS. AHTUANGARUAK: Thank you. 50

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1 CHAIRMAN BROWER: Having gone this far 2 regarding regulatory proposals, our next agenda item, if there's no further discussion in regard to 3 4 regulatory proposals that we have the next agenda item, 5 and it's on customary and traditional use 6 determinations update and in our packet it's on Page 7 20. 8 9 Eva. 10 11 MS. PATTON: Mr. Chair, if I may. 12 13 CHAIRMAN BROWER: Yes. 14 15 MS. PATTON: There is two updates 16 coming here, one is customary and traditional use 17 determination. There's handouts for the Council on 18 that. As we had just discussed earlier, the Council 19 had requested ongoing discussion on this, the rural 20 determination process review. If the Council would 21 like to make a recommendation on that update the 22 Council has an opportunity at this time to make a 23 recommendation to the Board before the Board meets in 24 April to discuss the criteria, any recommendations on 25 the criteria for rural determination. So if the 26 Council wanted to take that up or take action on that, 27 I -- I don't know if James was coming back, there'd be 28 an opportunity if he's here later this afternoon or 29 tomorrow. 30 31 I just wanted to bring those to your 32 attention if there's issues that the Council would like 33 to take up with Bob here today since he will be out 34 tomorrow on action items. 35 36 CHAIRMAN BROWER: Yeah, I think we need 37 a quorum to be able to take action. Hopefully James 38 will be back before 5:00 p.m. 39 40 (Laughter) 41 42 CHAIRMAN BROWER: Not knowing when he's 43 going to be back, but, Bob, did you want to make 44 comment. 45 46 MR. SHEARS: Yes, Mr. Chair. I just 47 wanted a statement and if you wanted to vet, you know, 48 this issue member by member. I really don't have any 49 -- request any -- see any issues with the current 50 customary and traditional use determinations and am not

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1 going to recommend any changes to it unless -- I'm not 2 sure how the other Council members feel. 3 4 CHAIRMAN BROWER: All right, thank you, 5 Bob, for your comments. 6 7 If there are no further comments, we'll 8 go ahead and -- David, you have to help me with your 9 last name. 10 11 DR. JENKINS: Jenkins. 12 13 CHAIRMAN BROWER: Jenkins, thank you. 14 So I'll give you the floor, David. 15 16 DR. JENKINS: Thank you, Mr. Chairman. 17 David Jenkins, I'm the policy coordinator for the 18 Office of Subsistence Management. But I should also 19 let you know that I'm an anthropologist and I've spent 20 the greater part of the last 30 years conducting 21 anthropological research in different parts of the 22 world so I can help you with your questions about 23 anthropology and where we are with our hiring for an 24 anthropological position that you're concerned about. 25 26 We can proceed on this customary and 27 traditional use determination in a number of ways. I 28 don't know how much of a briefing you would like at 29 this point, I gave you a briefing in the fall. I could 30 point out a couple of salient points and let you know 31 what the other RACs have been thinking about. We could 32 delve into some depth. But I would like some direction 33 from you, Mr. Chair, about how you'd like to proceed. 34 35 MR. G. BROWER: Mr. Chair. 36 37 CHAIRMAN BROWER: Gordon. 38 MR. G. BROWER: Mr. Chair. I think it 39 40 would be good to hear, maybe briefly, what our 41 neighboring RACs are saying about this. And also what 42 exactly is at stake in terms of looking at the 43 criteria, or customary or rural determination itself. 44 I know we've, in the past, had questions about how 45 Prudhoe Bay was determined to be rural in the past and 46 we had -- at least from my own point of view, had 47 argued about that area not being a community at all, 48 that it was an industrial complex leased by mega 49 corporations that have exclusive use and lease for oil 50 and gas activities in those areas, had certainly opened

1 the door for subsistence activities or rural 2 determination of that area. 3 4 So, anyway, I just wanted to maybe get 5 a, you know, 30,000 foot elevation kind of dialogue. 6 7 DR. JENKINS: Okay. Well, let me just 8 remind you of a couple of points. 9 10 From the initial customary and 11 traditional use determination customary and traditional 12 use determination briefing and then we'll move to rural 13 after we talk about C&T for a short while. 14 15 Now, let me make just a couple of 16 points here. 17 18 If you recall the Federal Subsistence 19 Program took over management of subsistence from the 20 State and it adopted these eight criteria, the 21 customary and traditional use criteria from the State. 22 The Secretary of Interior, a couple of years ago, asked 23 the Federal Subsistence Board to look at the customary 24 and traditional use determination process and to get 25 input from the Regional Advisory Councils on how that 26 process was working for each region. In 2010 the 27 Regional Advisory Councils mostly said, well, it seems 28 to be working okay, but the Southeast Council 29 questioned that and said, we don't think it's working 30 okay and we would like all the Regional Advisory 31 Councils to look again at this issue and the Southeast 32 Council reminded everybody that these categories of 33 customary and traditional use were adopted from the 34 State and the Federal Program anticipated control of 35 subsistence management reverting back to the State. 36 Well, 20 years into the process it's pretty clear that 37 that's not going to happen, the Federal Program appears 38 to be permanent and the Southeast Regional Advisory 39 Council wanted all the other Councils to look at this 40 issue again and ask the question, should we continue to 41 use customary and traditional use categories or should 42 we use what Congress intended, which is these so-called 43 Section .804 criteria for determining in periods of 44 time when there are limited resources, which 45 subsistence users get access to those limited 46 resources. In other words, the Southeast Council said 47 let's do away with these customary and traditional use 48 determinations and rely on ,804 criteria in situations 49 where there are limited resources to go around for all 50 subsistence users. And, of course, an .804 analysis

1 comes into play after other uses are closed out. 2 Commercial uses are gone, personal use or sport uses 3 are gone and what remains on Federal public lands are 4 subsistence uses and if there are still insufficient 5 resources to go around among all of these subsistence 6 users the question then is who gets access to these 7 limited resources and that's where an .804 analysis 8 comes into play. 9 10 I think you.... 11 12 CHAIRMAN BROWER: Question, David. 13 Gordon. 14 15 MR. G. BROWER: I think a very good 16 presentation would be warranted to look at what the 17 .804 process is. I've read language somewhere, maybe 18 it was ANILCA or somewhere. 19 20 CHAIRMAN BROWER: That's exactly where 21 it comes. 2.2 MR. G. BROWER: Yeah, that in the past 23 24 it was not based on, you know, rural, it was -- there 25 was a like a Native subsistence use priority for those 26 indigenous people that existed to have a preference 27 when it's the least -- the most restrictive regulation 28 to be applied and you would go down to that level and 29 deciding whether or not the indigenous people could 30 continue to do their subsistence in the way that they 31 -- they shouldn't be impeded. You know I've always 32 thought about this. 33 34 Those would be some of my concerns is 35 like you said if this are remnants of the State program 36 which initially maybe we would take over for five years 37 and the State reconsidered and the State never did make 38 a rural subsistence priority out of their program 39 therefore the Federal government, I mean these were, 40 what, battles of 20 years ago that were talked about. 41 But I don't want to belabor the issue and the dialogue 42 here but, you know, you look at declining issues and 43 what happened in the '70s, I don't know what part of 44 the '70s, I was just a kid, and suddenly there was real 45 high restrictions on caribou and, you know, they were 46 handing out beef to people at that stage. 47 48 DR. JENKINS: And, yes, thank you, Mr. 49 Brower. If you'd like we could go through the various 50 RAC responses to this question of using customary and

1 traditional use determinations or Section .804 2 determinations and then I can address your question a little more carefully about what is a Section .804 3 4 determination. Of course we're dealing with rural 5 peoples, not indigenous peoples and that's the decision 6 that Congress made in 1980 when it passed ANILCA and 7 that's what we're left with. 8 9 The various Regional Advisory Councils, 10 starting on Page 26, you have a listing or a review of 11 what these Councils did and let me just give you a 12 couple of responses. I already told you what the 13 Southeast Council was interested in, which was doing 14 away with C&T entirely and just relying on .804 only in 15 those situations where there are insufficient 16 resources. 17 18 The Western Interior, by contrast, 19 thought that the customary and traditional use 20 determination process for that region was working quite 21 well and they elected to retain it. 22 The Yukon Kuskokwim Delta Council, by 23 24 contrast, made a motion to do away with the customary 25 and traditional use determination process and only use 26 a Section .804 process in those situations when there 27 are limited resources for subsistence users. 28 29 So the RACs have a range of responses 30 so far. 31 But what has happened is that the 32 33 Southeast Council has succeeded in bringing this issue 34 to the forefront and getting all of the Regional 35 Advisory Councils to talk about it, to think about it 36 and to wonder what would happen in their regions if a 37 Section .804 was the primary way of allocating scarce 38 resources amongst subsistence users and not using a 39 customary and traditional use determination to first 40 define the pool of those resources; or actually I 41 should say second because the first way to define it is 42 through a rural determination and the second way to 43 define it is through a customary and traditional use 44 determination. 45 46 So the RACs have a range of responses 47 is my general point. 48 49 And this particular RAC has the 50 opportunity to also discuss what it would like to see

1 in terms of keeping or doing away with a customary and 2 traditional use determination process and just keeping 3 an .804 as outlined in ANILCA or using some hybrid 4 because there has also been a suggestion that each 5 Regional Advisory Council may elect to keep a process 6 that makes sense for is region. So do a Section .804 7 process if you're in YK, keep the customary and 8 traditional use determination process if you're in 9 Western Interior and so on. 10 11 I can stop for questions, Mr. Chair. 12 13 CHAIRMAN BROWER: Any questions to 14 David as to what you've heard. 15 16 (No comments) 17 18 CHAIRMAN BROWER: In regards to other 19 Councils, I think these are some of the determinations 20 or considerations that they're putting on the table for 21 any changes to the current process under the customary 22 and traditional use determination. 23 24 DR. JENKINS: That's correct. And so 25 the dialogue is open, the RACs are discussing it, 26 they're asking questions about if we want to make these 27 changes, how do we go about making these changes, what 28 sort of regulatory proposal would it take and so the 29 Southeast Council has succeeded in keeping the 30 discussion alive through all the Regional Advisory 31 Councils at this point, which was one of their 32 intentions. 33 34 Mr. Chair. 35 36 CHAIRMAN BROWER: Thank you. I think 37 the examples of these processes could be fettered out a 38 little bit more but I think David's given us some 39 options in terms of how much discussion we want to get 40 into, not knowing which direction we may be thinking of 41 steering ourselves in as a Council. 42 43 I, too, like Gordon, would like to 44 learn a bit more in terms of a well planned out 45 discussion in regards to these .804 processes and how 46 we can learn a bit more about what would it really mean 47 at the end of identifying a customary and traditional 48 use determinations to be considered by the Board. 49 50 MR. G. BROWER: Mr. Chair.

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MR. G. BROWER: Yeah, maybe -- well, 3 4 what kind of time constraints is this review, it seems 5 like it's already started, to my understanding, maybe, 6 and there is a window of opportunity to provide issues 7 and concerns from the North Slope RAC on what is best 8 maybe. 9 10 DR. JENKINS: As far as I know there is 11 no particular time, there's no deadline, there's no 12 time constraint. We do have the direction from the 13 Secretary of Interior and Agriculture to look at the 14 customary and traditional use process and to get 15 Regional Advisory Council input. So we do have that. 16 We haven't been given a deadline from the Secretaries 17 but we are -- but the Federal Subsistence Program has 18 been asked to look at this issue so we are continuing 19 to look at it. But other than that we don't have a 20 particular deadline or time constraint, but it's 21 something that is important to all of the regions and 22 you should take the time that's necessary to understand 23 this issue in depth. 24 25 26 MR. G. BROWER: Mr. Chairman. 27 28 CHAIRMAN BROWER: Continue Gordon. 29 30 MR. G. BROWER: Yeah, having said that, 31 I think it's -- sometimes it's real good to do a small 32 workshop, put scenarios up to think about and compare 33 side by side what would potentially happen under both a 34 C&T and an .804 analysis. I would just see what it 35 would come down to. And if it's -- if they're 36 mirroring each other, just two different processes and 37 you get the same result at the end then why do we --38 what process should we care that it takes to get the 39 same result at the end. 40 41 DR. JENKINS: Yes, thank you, you make 42 a good point. 43 44 And in our office we have been 45 discussing finding ways to do just what you've 46 suggested and put side by side, the potential for an 47 .804 analysis over a C&T analysis and you do have in 48 front of you a handout indicating where some .804 49 analysis have happened in your region and some C&T 50 analysis just to get you a start in thinking about this 1 issue. But as I understand your question it would be 2 to take a particular resource and say, okay, we have this resource, if we conduct an .804 analysis what will 3 4 the results, if we have to go through a customary and 5 traditional use process, what will that be. Now, 6 remember in a customary and traditional use 7 determination the Federal Subsistence Board is not 8 using that to allocate resources, it's using that to 9 decide what pool of subsistence users have access to a 10 particular resource based on eight factors. So it's 11 not allocating resources, it's looking at who is 12 eligible to harvest a particular species using those 13 eight factors. Without those eight factors then the 14 idea is, well, all subsistence resources are open for 15 use by subsistence users and then when there is a lack 16 of those resources you go into this .804 analysis. 17 18 CHAIRMAN BROWER: Thank you, David. 19 20 MR. G. BROWER: Maybe more questions. 21 22 CHAIRMAN BROWER: Go ahead, Gordon. 23 24 MR. G. BROWER: Let's put Anaktuvuk 25 Pass in the lime light for a second and the subsistence 26 resources that they depend on and is harvested by all 27 Alaskans that are subsisting, whether you're Fairbanks, 28 whether you're Soldotna, they have their means and ways 29 of getting to traditional hunting areas in the same way 30 that the guides do. Some have their own personal 31 aircraft, they come in, they're a qualified subsistence 32 user of the State and that's where some of the 33 concerns, I think, quite frankly, come about, is the 34 competition of the resource in the same area as where 35 there is conceived that folks don't follow traditional 36 areas to allow the first ones to go through, they hunt 37 at will and maybe effectively perceived as distorting 38 the migration through other passes or something like 39 that and the pressure of hunting on the same areas 40 along the Dalton Highway. And going through .804 or 41 C&T to look at that, is that a valid analysis for these 42 two processes? 43 44 DR. JENKINS: Well, recall that the 45 .804 analysis would only be -- it would be Federal 46 subsistence users -- qualified Federal subsistence 47 users on Federal public lands, so the State subsistence 48 users are subject to a different set of rules..... 49 50 MR. G. BROWER: Okay.

1 DR. JENKINS: on State lands and 2 on Federal lands. So Federal subsistence users are --3 this is what we're talking about for an .804 analysis, 4 it's only going to apply on Federal public lands and to 5 Federal subsistence users and it applies after other 6 uses on those Federal lands have been curtailed, after 7 sport uses have been stopped and after personal use and 8 other subsistence uses have been stopped so that's when 9 this kicks -- these .804s kick in, in times of 10 resource.... 11 12 MR. G. BROWER: Okay. 13 14 DR. JENKINS:a lack of resources. 15 16 MR. G. BROWER: I see, okay. 17 18 CHAIRMAN BROWER: So you did mention, 19 Dave, that we did have some examples that we've gone 20 through within our Regional Advisory Council on sheep, 21 muskox for Kaktovik and sheep and, again, in Kaktovik 22 and in Anaktuvuk Pass, this process, we've applied, I 23 remember some of those things, some -- it's just that 24 all the Council members are -- well, we're sending in 25 that communications at a timing when it occurred is 26 somewhat back a ways when we had other Council members 27 and with new Council members on board, I think what 28 Gordon was asking if we could have some kind of 29 workshop to help us learn a bit more in terms of how 30 these processes work within our Unit 26. I think 31 that's a very good suggestion, you know, to educate 32 our Council members as to how these processes have 33 benefited our communities that were in need. We've had 34 situations where, in, you know, Kaktovik, there was a 35 lot of competitions by other uses, the population for 36 sheep and only Federally-qualified hunters were able to 37 take a small number of sheep from a specific area. So 38 those are the kinds of examples we could probably bring 39 about for discussions. 40 41 Nuiqsut's been one area where, 42 including Kaktovik, where this has occurred in the 43 terms of the use of muskox. They used to have a nice 44 little healthy population of muskox before it dwindled 45 down to where there's very few left and the hunt was 46 closed again. It was -- it had elevated in population 47 -- in numbers of muskox increasing for over a period of 48 time and there was a harvestable surplus that was 49 arrived through, you know, scientific calculations and 50 research and monitoring the health of the population

1 and so there was a little bit -- there was some numbers 2 that could be removed from that population for both 3 Kaktovik and Nuiqsut. Then there was another portion 4 that included the State, which had the Tier II hunts. 5 6 I recall some of this in terms of the 7 other resources that we've used for subsistence and now 8 we can't because of the -- now there's not a surplus 9 for any type of hunt. 10 11 So we've had similar situations, again, 12 for Anaktuvuk for sheep. There's a large number of 13 sheep that were being used and competition from other 14 users, the population itself dwindling through its own 15 hardships, you know, weather conditions, food 16 availability, that kind of spikes and trends that went 17 up and down over the years created these kinds of 18 situations so we've had some of our own experiences 19 here on the North Slope in terms of applying this 20 criteria that we're being subjected for discussion, the 21 .804 analysis and this customary and traditional use 22 determinations for some resources. 23 24 Dave. David. 25 26 DR. JENKINS: Thank you, Mr. Chair. 27 I'll bring back to our office your request that we 28 provide a scenario in which we are comparing an .804 29 and a C&T analysis for a particular species and come 30 and give this Council a further briefing on how these 31 processes work and a little more detail on the history 32 of each of them and how they're used in different parts 33 of the state, I think that might be helpful for you. 34 So working with Eva and other people in my office I 35 think we can put together a briefing for a workshop or 36 a pre-meeting like the one you had yesterday. 37 38 CHAIRMAN BROWER: And also including 39 the anthropological work that included in making these 40 types of -- the history and knowledge and the use over 41 time to help make these determinations, it's very 42 helpful in applying that to consider more recent 43 regulations to be considered. 44 45 MR. G. BROWER: Mr. Chair. 46 47 CHAIRMAN BROWER: Gordon. 48 49 MR. G. BROWER: Just maybe a final 50 question.

1 CHAIRMAN BROWER: Go ahead, Gordon. 2 3 MR. G. BROWER: Is there a reason, you 4 said it's the Southeast Council that was looking at 5 changing or requesting the review of this, and what is 6 the basis that they want to change, is it just because 7 it was a State tool that was functioning as a Federal 8 tool now in place of what the law states for the 9 Federal side, I just wanted to get a little bit more 10 clarification as to why this trend is occurring to look 11 at language. 12 13 DR. JENKINS: The motivation to look at 14 this came, as I mentioned earlier, from the Secretary 15 of Interior and the Secretary of Agriculture when they 16 reviewed the Federal Subsistence Program. So the 17 motivation came from that review of the Federal 18 Subsistence Program, and one of the items was to look 19 at customary and traditional use and the process and 20 ask the RACs whether they were comfortable with it, 21 happy with it, whether it worked for them. 22 23 As far as the Southeast Council goes, 24 they have a number of, I think they're still in your 25 book, part of their concern is that the customary and 26 traditional use process was being used to exclude 27 qualified subsistence users from harvesting resources 28 in times of abundance and they were saying this -- they 29 didn't feel this was an appropriate use of C&T, which 30 was to limit subsistence users from getting access to 31 resources in times of abundance and they thought that 32 it was being used inappropriately and they wanted that 33 question to be looked at. So that's part of what the 34 other RACs and that this RAC has been looking at. When 35 there's abundance, why can't all subsistence users have 36 access to resources was essentially the question the 37 Southeast RAC was asking. 38 39 CHAIRMAN BROWER: Does that help, 40 Gordon. 41 MR. G. BROWER: Yeah, that kind of 42 43 sheds some light, you know, when it's in the time of 44 abundance to limit others and does .804 have that 45 ability as well to do that in times of abundance or is 46 it in times of abundance you don't need to be making 47 these analysis there's enough to go around for 48 everybody, but even though there's enough to go around 49 for everybody, there's always a concern of folks that 50 don't know the traditional methods of harvest to

1 interrupt the availability of those resources for those 2 that are waiting for them to arrive. 3 4 So those are some of the fundamental 5 guestions about these resources where there needs to be 6 uninterrupted in their movement and recognizing ways 7 that -- you might have to limit them from, even in the 8 time of abundance, in my own view, because I see 9 there's abundant caribou out there but the availability 10 of them, say it's a free for all, take what you want 11 and any means you can to get them is impacting 12 communities that are essentially waiting for them to 13 arrive. 14 15 DR. JENKINS: And I understand your 16 concerns and the .804 and customary and traditional use 17 determinations are for identifying pools of users who 18 have access to resources, they are not used to allocate 19 resources. So when you describe a free for all, there 20 are various ways of limiting access to resources, you 21 know, in terms of how much time is available, what 22 sorts of gears is permissible and so on, there are ways 23 of limiting access. But .804 and the customary and 24 traditional use determinations, that Southeast was 25 arguing, should not be used for those purposes, they 26 should be used for other purposes, and so they want the 27 RACs to continue to think about how the pools of users 28 should be defined. 29 30 So the first threshold right now that a 31 Federal subsistence user has to cross is that of rural 32 residency. 33 34 The second threshold to be a Federal 35 subsistence user is to have customary and traditional 36 use determined for a particular resource. 37 38 So there are two thresholds that 39 subsistence users have to cross and the Southeast has 40 been questioning that second threshold. 41 42 CHAIRMAN BROWER: Thank you, David. 43 44 Doreen, did you have a question or 45 comment you'd like to share. 46 47 MS. LAMPE: Yes, Mr. Chairman. Doreen 48 Lampe for the record. 49 50 I would appreciate a workshop, too,

1 also regarding these determinations that will impact 2 quite a bit of the users within the ICAS jurisdiction 3 and boundary. I know you're not managing the off shore 4 marine mammals but in terms of going to court and 5 fighting a proposed threatened or endangered species 6 listing by some organization, our comments from the 7 Inupiat Community of the Arctic Slope go back to 8 customary and traditional use of a certain species, 9 such as the oogruk, which is harvested quite a lot in 10 our region and used for customary purposes and 11 traditional purposes for spring whaling. Also the 12 picking of eggs, bird eggs in Federal lands, even 13 though they're a migratory bird, which only enters 14 Federal land seasonally but yet carries a lot of 15 restriction and often get cited for illegal harvesting 16 of eggs even though that is a traditional and customary 17 use of some communities so I very much, too, would be 18 in support of a workshop regarding the determination 19 criteria that will be established by these Federal 20 entities that will have a major impact on our members 21 which have traditionally and customarily harvested 22 plants, eqgs, various animals that pass through their 23 communities, their hunting jurisdiction. And these 24 proposed listings of being threatened or endangered are 25 costing our organizations to partner up and to have 26 these organizations that are proposing to list these 27 species as threatened or endangered to prove the data, 28 the baseline data, what those numbers really are and 29 not have the North Slope Borough scrambling to provide 30 all the information so we can continue to hunt and 31 harvest and traditionally use what we can during these 32 short periods of harvest time for plants, eggs, 33 animals. 34 35 And I hope that I will be here when you 36 guys have that workshop. 37 38 Thank you for providing the opportunity 39 to comment on that very important issue. 40 41 Thank you. 42 43 CHAIRMAN BROWER: Thank you, Doreen. 44 45 I just want to let the record show that 46 James.... 47 48 MS. AHTUANGARUAK: Harry. 49 50 CHAIRMAN BROWER:that James

1 Nageak is back after a brief absence. Welcome back, 2 James. 3 4 Rosemary. 5 6 MS. AHTUANGARUAK: Yes, this is really 7 important and one of the factors that hasn't been 8 brought out in this discussion is the reality of 9 enforcement. We need to have some statistical analysis 10 of what are the issues around those designations when 11 it comes to our traditional and cultural issues and the 12 reactions and difficulties of our issues on the various 13 species and the reaction with the enforcement 14 regulatory process. 15 16 I know also in Nuiqsut we have the egg 17 issue associated around this, and it was quite a 18 lengthy process that really impacted those families 19 that went through that having to go to -- have their 20 stuff confiscated, having to go to various meetings to 21 try to talk about the importance of their traditional 22 usage and the hardship of the process of teaching 23 families of traditional activities when there is 24 repercussions of livelihood and resources. 25 26 These are very in-depth issues, I 27 really appreciate all the discussion that we've been 28 having and I hope that we have a workshop that helps us 29 with many of these issues that really need to be 30 understood by our people who are living and harvesting 31 in our traditional way of life in our lands and waters 32 as generations have for centuries and are now facing 33 changes towards that create lots of people coming into 34 restrict our way of life. 35 36 Thank you. 37 38 CHAIRMAN BROWER: Thank you, Rosemary. 39 40 MR. G. BROWER: Harry, I got one more 41 question. 42 43 CHAIRMAN BROWER: Yes, Gordon. 44 45 MR. G. BROWER: Maybe about a decade 46 ago, Alpine satellite was being rezoned by the North 47 Slope Borough and we had many different scoping 48 meetings, public meetings on our way to develop a Staff 49 recommendation for the Assembly to consider rezoning 50 lands to make into resource development so that oil and

1 gas activities could be developed on those lands. At 2 the same time the Northeast NPR-A EIS had occurred and 3 created these special designated maps that the North 4 Slope Borough used to help guide our Staff analysis of 5 impacts to the community. And we had determined that 6 primary subsistence use areas designated in the Record 7 of Decision in 1998 with buffers around rivers and 8 things like that, that there would be large scale 9 displacement. It's not reducing the number of 10 harvestable animals, but displacement, and we equated 11 it to being depleted in areas where subsistence 12 priority use areas were going to be deemed pipeline, 13 roads, infrastructure would impede the normal 14 subsistence use patterns in that area, one of them 15 being oil field security being prominent would start to 16 be enforced around that area, common sense of any human 17 being, you're not going to be discharging firearms 18 towards animals, in the background you've got 19 pipelines, maybe you're going to shoot it and it'll put 20 a hole in it, there might be workers in the area, just 21 common sense, you're going to have to hunt somewhere 22 else. And the North Slope Borough recognized that as 23 depleting the resource in an area because it was not 24 suitable to conduct the normal subsistence activities 25 that the village was accustomed to. 26 27 So in looking at these kind of things, 28 I can almost compare the issues of customary and 29 traditional use determination, even in times of 30 abundance to where other competing uses would deplete 31 the resource availability of the customary and use 32 determination of a village to that resource. 33 So looking at that, can that be a 34 35 scenario to looking at how an .804 works, or the C&T 36 process because when you're putting a whole lot of 37 effort to making it equal for everybody else, you could 38 easily be deflecting whales, like a pipeline is making 39 a movement change of caribou, and at the end maybe the 40 resources do come around but they're now in a state of 41 you can't harvest them because it's rut season and it's 42 late now to make a window, a C&T determination of a 43 window in time, between maybe August and first of 44 October, that the C&T says, this area can be designated 45 for the primary users in that area that have to 46 subsist. 47 48 I could remember a time when Wainwright 49 Village had to supplement all of their hunting to hunt 50 for the village of Anaktuvuk and efforts to fly in

1 caribou to relieve the community for that type of 2 concern. 3 4 Is that a plausible scenario? The 5 Borough did this, and created mitigation and our 6 mitigation was that there was going to be a mitigation 7 fund available so that the community of Nuiqsut could 8 have the same success rate, even though the pipelines 9 and roads and infrastructure for the national 10 development of oil and gas activities were occurring. 11 12 Just looking at what we've done to try 13 to mitigate those kinds of things, a determination of 14 depleting a resource can be interpreted in different 15 ways, not just because the caribou has crashed, but the 16 availability of those resources where they're normally 17 found. 18 19 CHAIRMAN BROWER: Thank you, Gordon. 20 21 Do you want follow up, David. 22 23 (Laughter) 24 25 DR. JENKINS: Well, just very briefly. 26 Thank you for your comments. I think you've made a 27 couple of very interesting suggestions and we'll follow 28 up on them. 29 30 Federal public lands are open to a 31 variety of uses, as you know, and it depends on whether 32 they're National Park lands or BLM lands or Fish and 33 Wildlife lands and they all have slightly different 34 restrictions on use but under ANILCA the priority 35 remains subsistence provided there are no conservation 36 concerns. If resources aren't being depleted then 37 subsistence remains the priority under ANILCA. So the 38 scenarios that you suggested are scenarios in which 39 subsistence strikes me as not being provided a 40 priority. If you're displacing animals for one reason 41 or another, then you could make an argument that the 42 subsistence priority is not being met. 43 44 Anyway, I appreciate your comments, Mr. 45 Brower. 46 47 CHAIRMAN BROWER: Thank you, again, 48 David. I think you covered both the two items that you 49 were wanting to address, customary and traditional use 50 determination and the rural determination process, or

1 was that just one of the items. 2 3 DR. JENKINS: Well, we did C&T, if 4 you'd like to talk about rural now. 5 6 CHAIRMAN BROWER: Okav. 7 8 (Laughter) 9 10 CHAIRMAN BROWER: Sure, I think that 11 you're allowed to do that. 12 13 DR. JENKINS: So as you recall the last 14 time we met we talked about -- well, let me back up a 15 little bit. 16 17 As part of the review of the Federal 18 Subsistence Program, the Secretary of the Interior and 19 Agriculture recommended to the Federal Subsistence 20 Board that it look at the process by which rural 21 determinations are made and the Federal Subsistence 22 Board elected to start looking at that process by 23 soliciting public input on that process. So at the end 24 of December of 2012 the Federal Board published a 25 Federal Register notice soliciting public comment and 26 that notice period was open until November. As we all 27 know the Federal government shut down for several weeks 28 and so we extended that comment period into December. 29 And over that period of time we received about 60 30 written public comments about the process of making 31 rural determinations. We held nine public meetings, 32 including one here in Barrow, and we asked each of the 33 Regional Advisory Councils to provide input on the 34 process of making rural determinations, not the actual 35 rural determinations, as Mr. Brower's talking about, 36 Prudhoe Bay, is it rural or is it not, but the process 37 by which the Board decides or determines which 38 communities are rural. 39 40 So the process had to do with 41 population thresholds, as you recall. 2500 and below 42 is presumed to be a rural community in Alaska; between 43 2.500 and 7,000 there's no presumption whether a 44 community is rural or not and above 7,000 the community 45 is presumed to be non-rural. So these population 46 thresholds are guidelines, they're not absolute 47 thresholds; they're simply guidelines for thinking 48 about rural and non-rural communities. 49 50 So that's part of the process that the

1 Board was looking at and asked the public to respond 2 to. 3 4 Communities are aggregated together or 5 grouped together to come up with those population 6 figures and the criteria had to do with road 7 accessibility, with sharing a common high school, 8 attendance area, and whether people commuted from one 9 community to another to go to work. The Board has 10 asked, well, do these make any sense, should we 11 aggregate communities based on these kinds of criteria. 12 13 The Board looks at a number of rural 14 characteristics, fish and wildlife use is one of them. 15 And the Board asked the public, what characteristics of 16 rural do you think best characterizes the rural Alaska 17 that you know. 18 19 The Board would make determinations on 20 a 10 year cycle based on the US Census and the question 21 was raised, does it make any sense to continue on a 10 22 year cycle and look at communities every 10 years to 23 see whether they're rural or they have changed so that 24 they are no longer considered rural, or not. Does that 25 make sense to do that. 26 And, finally, the Board was asking the 27 28 public what kinds of information should we look at. In 29 particular there was a problem because the US Census 30 had dropped the long form and the long form was the 31 instrument by which the Board gathered a lot of 32 information to come up with, for example, aggregating 33 communities. And so the census didn't collect a 34 certain kind of data, it was collecting what's called 35 the American Community Survey, which collected 36 information on a one, three and five year increments, 37 not a 10 year period, and so that we ended up with a 38 different kind of statistical picture of communities 39 and not a 10 year snapshot. So the question is, should 40 we continue to do this every 10 years or not. 41 42 So it was the process of coming up with 43 rural determinations, not the rural determinations 44 themselves that the Board has begun to look at. 45 46 So we are, at this point, analyzing and 47 summarizing the 60 public comments, the written public 48 comments we received, the nine public hearings that we 49 recorded, we're looking through all of those 50 transcripts and the recordings and transcripts from the

1 Regional Advisory Councils. With all of that 2 information we will provide the Federal Subsistence 3 Board a summary of what locals peoples have been saying 4 about the rural process and provide some 5 recommendations for improving that process to the Board б at their April meeting. 7 8 Mr. Chair, if you have questions I can 9 answer them and I can go into some more detail if you'd 10 like. 11 12 CHAIRMAN BROWER: Thank you, again, 13 David. I think James did have some -- had a request 14 about obtaining some more information in regarding to a 15 meeting that occurred last fall in regard -- I think 16 this was the Alaska Federation of the Natives and there 17 was a presentation by Senator Murkowski on this subject 18 and he was requesting that we obtain that -- Senator 19 Murkowski's presentation to learn of the contents and 20 her suggestions and recommendations on this matter 21 regarding rural determination review. 22 23 So I'll just make that comment. I've 24 not seen it yet. But I think, again, in regards to 25 Gordon's previous comments in regard to a timeline for 26 this review, is there something maybe set in stone that 27 we're not aware of or is this something that's going to 28 be continuing in regard to -- well, I just lost my 29 thought. 30 31 DR. JENKINS: Well, let me finish it 32 for you. 33 34 CHAIRMAN BROWER: Sure. 35 36 (Laughter) 37 38 DR. JENKINS: The Board elected to hold 39 in abeyance or to not enforce it's rural 40 determinations, which would have come into effect in 41 2012, pending the outcome of this review. So we have 42 until 2017 to complete this review. The Board has a 43 five year window to look at the rural determination 44 process and once -- and if a new process is put into 45 place then the Board will use that process to actually 46 make rural determinations and so that will be subject 47 to further public review through what's called a 48 proposed rule and that will go out and then people get 49 a chance to look at that and see if the process is one 50 that they're interested in pursuing and, if so, that

1 will become a final rule, the process will be put into 2 place, the Board will then use that process, which is 3 controlled by the Secretary of the Interior and 4 Agriculture, not by the Board, the Secretaries control 5 the process of rural determination; the Federal 6 Subsistence Board will then use that process to 7 actually make rural determinations. So that will be 8 subject to a proposed rule, which will go out for 9 further public scrutiny and then finally a final rule 10 and our deadline is 2017 to get that final rule with 11 the rural determinations in place. 12 13 I'm not sure that finished your thought 14 or if it just finished mine. 15 16 CHAIRMAN BROWER: No, it was getting 17 close but not quite. Thank you. I think that was where 18 we were kind of leaning to in not knowing what -- well, 19 I have to say for myself, not knowing what the 20 Senator's comments contain and would like to learn a 21 bit more in terms of her suggestions and 22 recommendations. I wasn't at those meetings and so I 23 have not been shared her presentation to AFN, Alaska 24 Federation of Natives and that seems to be -- might be 25 a good lead in to this discussion in regards to where 26 the direction to steer us into. 27 28 David. 29 30 DR. JENKINS: Let me point out also 31 that Murkowski and Young sent letters about some of 32 these issues to the Secretary of Interior and 33 Agriculture. The Secretaries responded and perhaps if 34 Pat comes tomorrow he can give you a little more 35 information on that but it strikes me that that 36 response should be something that this Council should 37 be privy to, Eva, so maybe you could provide that 38 letter to this Council. 39 40 CHAIRMAN BROWER: Any other.... 41 MS. AHTUANGARUAK: Yeah, there 42 43 definitely were a number of meetings that were held 44 this last year, or I know there was one in Bethel, it'd 45 be very important to try to get some of that 46 information as well as getting the recommendations from 47 Murkowski and also had some hearings related to this 48 and there was something that was done in Anchorage 49 during one of the processes down there, and if we could 50 get that information, that'd be great.

1 CHAIRMAN BROWER: Thank you, Rosemary. 2 3 Any questions or comments to David. 4 5 MR. G. BROWER: Mr. Chair. 6 7 CHAIRMAN BROWER: Gordon. 8 9 MR. G. BROWER: I hate to, you know, 10 just beat a horse to death but..... 11 12 (Laughter) 13 14 MR. G. BROWER:it seems like it 15 would be appropriate to talk more about the scenarios 16 around Nuiqsut that the Borough has made its own 17 determination and talk about village level impacts in 18 the C&T or the .804 because I think the Borough may be 19 steered in a direction to do something in terms of 20 availability of resources for a community. In the same 21 way that we put mitigation for Nuigsut, to get them 22 increased access to have the same success rate in the 23 light of oil and gas development. In the same way the 24 Borough's own policy says that during peak subsistence 25 activities for bowhead whale hunting that we emphasize 26 that there be a quiet time or a shutdown mode for 27 seismic operators out in the water, or drilling 28 activities to cease so that these resources can come in 29 range, active hunting of whaling activities. 30 Recognizing the needs of the community. 31 32 The Borough was asked to look at these 33 things for communities that have high dependance on the 34 resource like Anaktuvuk Pass. Does that mean the 35 Borough has to look at its policy to say that during 36 peak periods of subsistence activities for Anaktuvuk 37 that there must be a cease of all commercial 38 recreational activities for the availability of these 39 resources to come in range where they're normally 40 found. Title 19 in the Borough code talks about where 41 they're reasonably available and where they're normally 42 found for subsistence harvesting. 43 44 So I think there might be needs to talk 45 together about how the C&T or the .804 needs to 46 recognize that. It might be a small window that it's a 47 critical period in time for these resources to get 48 where they're normally found without being adjusted to 49 go through a different path or a pass. You know, even 50 for a pilot project to, maybe a period of five years or
1 so to look at ways of how to do that. 3 I mean what I'm kind of suggesting is 4 we've already set the precedent, I think, in terms of 5 these subsistence needs and looking at the village 6 characteristics themselves. I mean you look at some of 7 the villages that have infrastructures, schools, 8 policemen, jobs in a community of 400 people, you might 9 probably have 60 jobs in that community, plus or minus. 10 The other two or 300 people are supplementing their 11 time and resources through able to go subsist for these 12 resources when they're available and there are peak 13 periods that really need to be emphasized here. 14 15 And I just wanted to point that out. 16 I'm not going to probably stop emphasizing that because 17 I think we've done it already in terms of Nuigsut and 18 in terms of the whaling activities and making sure that 19 these resources and a period of window is available for 20 communities that have a critical need for these 21 resources to come into their reach. 2.2 23 Thank you. 24 25 CHAIRMAN BROWER: Thank you, Gordon. 26 27 I think we need to have a little bit of 28 discussion in regard to our premeeting in regard to 29 these conditions, or discussions that are occurring 30 within the Federal Subsistence Program and this rural 31 determination process, or review is one that's being 32 considered again. And I raised a question in regards 33 to what happens or provide an example of what happens 34 when a request for reconsideration occurs. 35 36 I know of the Saxman and Kenai areas 37 determinations and they've put in requests for 38 reconsideration for that determination of rural to non-39 rural because of its aggregation of communities and 40 road systems and how that played into the Board's final 41 determination for that area. So I was wanting to see 42 if we could -- if there was a way to review that 43 information so we could learn from what was used to 44 make that final determination by the Federal 45 Subsistence Board. 46 47 I think these are things that are good 48 to learn because we've had some discussion, heated 49 discussions within our own community in regards to what 50 happens -- not knowing or not having any Federal --

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1 what was that term -- the designated Federal agents
2
  having a presence during the discussions in regards to
  our population sizes. I'll use Barrow for example,
3
4 it's been identified to have over 5,000 to 7,000 in its
5 population and what happens when the population reaches
6 over 7,500 and a determination is made by the Federal
7 Subsistence Board that it's a non-rural community
8 because of the population size. And we know that
9 there's fluctuations of increase of people and decrease
10 of people because of deaths or other things that occur,
11 influx of people in regards to military services being
12 moved into the community. I mean I use Kodiak, for
13 example in terms of the US Coast Guard's presence there
14 and the community numbers increase, I mean how does
15 that all play into the deciding factors of the Board
16 and whether that kind of influx of population is
17 influenced when the Board is making its determination
18 whether this is a non-rural community or if it remains
19 a rural community.
20
21
                   I think these are the kind of
22 communications that need to occur for us to really get
23 a grasp of how this process is being reviewed and how
24 much input are we really needing to put into this
25 consideration to change the dialogue and making these
26 -- changing the criteria for the rural or non-rural
27 determinations.
28
29
                  David.
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31
                   DR. JENKINS: Yes, thank you, Mr.
32 Chair.
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                   I researched and wrote a brief history
35 of rural determinations which I've given to the Federal
36 Subsistence Board so that they can understand its own
37 history because the Board, itself, changes over the
38 years, and I see no reason why that couldn't be
39 provided to the Council as well, so it would give you
40 this background on Saxman, for example, or the Kenai
41 Peninsula where the Federal Subsistence Board has
42 changed its mind over the years, is Saxman rural, is it
43 not rural, is it rural, is it not rural, it's gone back
44 and forth and it's provided different rationale for its
45 decisions.
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                   So it strikes me that that could be a
48 useful document for this Council in thinking about this
49 issue.
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1 CHAIRMAN BROWER: Thank you, David. 2 3 Any other comments or questions. 4 5 (No comments) б 7 CHAIRMAN BROWER: If not, we have 8 another agenda item we need to address before the 9 person leaves, right, was he leaving tonight or 10 tomorrow. 11 12 MS. PATTON: Are you talking about that 13 North Slope Science Initiative presentation. 14 15 CHAIRMAN BROWER: Denny. 16 17 MS. PATTON: Yes. 18 19 CHAIRMAN BROWER: Yes. 20 21 MR. LASSUY: I'm on the midday flight 22 so if you really need to push it to the first thing in 23 the morning that's fine. I don't want to inconvenience 24 folks. I mean I'm prepared to do it now. 25 26 CHAIRMAN BROWER: Well, we're getting 27 ready to move to that agenda item so we're trying to 28 push you up without knowing the exact time you were 29 thinking of leaving, tonight or tomorrow morning or you 30 might get fogged in, we don't know. 31 32 (Laughter) 33 34 CHAIRMAN BROWER: Storm events are 35 usually coming through at the spur of the moment. Just 36 when you think you're ready to leave the storm comes in 37 and you're sitting here for another three more days or 38 so. 39 40 (Laughter) 41 42 MS. PATTON: Mr. Chair, if I may. 43 44 CHAIRMAN BROWER: Yes, Eva. 45 46 MS. PATTON: I think you need to check 47 in for your flight at 10:00 a.m., because you're an 48 11:00 a.m., flight. 49 50 MR. LASSUY: That sounds about right.

1 MS. PATTON: We do have -- because of 2 the community of Nuigsut and the folks on the North 3 Slope Borough that had worked on the whitefish fish 4 pathology report..... 5 6 CHAIRMAN BROWER: Uh-huh. 7 8 MS. PATTON:we had arranged with 9 those folks to take that up at 9:00 a.m., in the 10 morning so that they would be able to participate in 11 that process, so we might run tight if the Council and 12 the community has a fair amount of discussion. If 13 there was an opportunity for Denny to present tonight 14 it might keep the -- keep the pressure off of you 15 losing your flight tomorrow, as the Council wishes. 16 17 CHAIRMAN BROWER: Yeah, I was just 18 looking at the agenda as well and we have another 19 commitment at 9:00 and not knowing how long that 20 discussion is going to go, I think it would be an 21 opportune time right now to provide your presentation 22 if that's okay with the Council. And I think Bob was 23 looking to.... 24 25 MR. SHEARS: Hear it before I go. 26 27 CHAIRMAN BROWER:hear it before 28 you go as well. So while you're getting ready we'll 29 take a five minute recess. 30 31 (Off record) 32 33 (On record) 34 35 CHAIRMAN BROWER: Okay, so I'll call 36 the meeting back to order after a brief recess. I'll 37 give Denny Lassuy the floor to provide an update on the 38 North Slope Science Initiative. 39 40 Denny. 41 42 MR. LASSUY: Thank you, Mr. Chair. 43 Council members. It's an honor to be here, I'm sorry 44 it's taken so long for this to happen. We've had a 45 couple of near misses in the past in terms of doing a 46 presentation and so I'm honored to be here and I'll 47 make it reasonably quick so I don't keep everybody too 48 long behind our, apparently your normal ending time. 49 I am Denny Lassuy. I'm the deputy 50

1 director of the North Slope Science Initiative. The director is Dr. John Payne. I was going to do a little 2 3 blurb on me but I think I'll save that in the interest 4 of time, other than I'll tell you that that sheep was 5 not harvested from Red Creek. 6 7 (Laughter) 8 9 MR. LASSUY: And it was fully consumed. 10 11 (Laughter) 12 13 MR. LASSUY: Actually I do want to back 14 up to one thing on that image. 15 16 And that was, you know, I consider 17 myself kind of a fish guy pretty much all of my life, 18 ever since I was probably five years old all I wanted 19 to do was be a Ph.D in fish of every variety, and I 20 eventually kind of made it. But a few years ago when I 21 was on a detail to NSSI, when I wasn't fully employed 22 by them, there wasn't a fisheries deputy director yet 23 by then, I had the opportunity to come to Barrow to 24 help set up a meeting and it happened to be a day when 25 three whales were harvested. It was in early -- really 26 early October, I'm not sure I remember the year, but I 27 -- I don't know if I would say it was life changing, 28 but it certainly had a profound impact on me and I was 29 incredibly honored to be allowed to participate in the 30 butchering and the consumption on that trip and I just 31 -- it just made a huge impression on me and so I'm very 32 happy to be back with the North Slope Science 33 Initiative. 34 35 This is our statutory turf. I'll talk 36 a little bit about the law that created the North Slope 37 Science Initiative here in a bit. But basically as you 38 can see it's the North Slope and the off shore waters. 39 For practical purposes it's out to the edge, the 40 exclusive economic zone, but realistically it's the 41 edge of wherever there's activity that may affect the 42 North slope and its residents and resources. 43 44 As everybody up here knows this is a 45 big area with big issues, you know, with climate change 46 and pressure for resource development and erosion and 47 migratory birds that breed up here and nest up here but 48 then go all over the world, there's a lot of big thorny 49 issues, and it's a big place. And when I do variations 50 of this presentation for folks not in Alaska, I know

1 everybody up here understands it, but I don't make an 2 impression on folks until I tell them that the area 3 that the NSSI is responsible for for helping with 4 science coordination on is the equivalent of the entire 5 eastern seaboard from Maine through Virginia, that 6 finally kind of gets it for some of them. It also kind 7 of makes the Texans mad, but that's okay. 8 9 So, all right, big place with big 10 challenges. And it became very obvious over a decade 11 ago, or roughly a decade ago that there was a need for 12 collaboration and some kind of forum to achieve it and 13 a need for good science and a means to access it. And 14 I'll talk a bit about the latter half of that a bit 15 more. But it was obvious, I think, to folks a decade 16 ago that with those -- particular those two major 17 pressures with climate change and with the pressure of 18 energy and resource development, it didn't make a whole 19 lot of sense for eight or nine or 10 or 12 entities to 20 run around and each one try to do the same thing all 21 over again. So that's basically the concept behind the 22 North Slope Science Initiative. 23 24 And the Initiative was formally 25 authorized under the Energy Policy Act of 2005, this 26 particular section, 348, and this is extracted from the 27 legal language for what the purpose of what the North 28 Slope Science Initiative is. 29 30 To implement efforts to coordinate the 31 collection of scientific data that will 32 provide a better understanding of the 33 terrestrial, aquatic, and marine 34 ecosystems of the North Slope of 35 Alaska. 36 37 So by saying, marine, it obviously 38 means including the off shore areas, too. 39 It's a pretty small organization. We 40 41 have an oversight group, I'll go through the membership 42 of that on the next slide. There is the executive 43 director, John Payne, that I mentioned and myself, and 44 it says support staff, right now that support staff is 45 a half of one person and she's detailed somewhere else 46 right now, so it's a very small organization. We had a 47 senior staff committee, Dave Yokel, is one of the 48 members of that committee. And we have a science 49 technical advisory panel, again, which I'll go to on 50 the next slide.

1 The oversight group that I mentioned, 2 it functions like a board of directors for us, they're the ones that John Payne and I answer to. It's 3 4 composed of a mixture of Federal, State and local 5 entities. Bureau of Ocean Energy Management, Park 6 Service, BLM, Fish and Wildlife Service, NOAA, Alaska 7 DNR, Alaska Fish and Game, North Slope Borough and 8 Arctic Slope Regional Corporation. Those are the 9 voting members, although they operate by consensus so 10 there's rarely ever any actual votes on issues. And 11 then the Arctic Research Commission, USGS, Coast Guard 12 and National Weather Service are advisory. Oh, I see I 13 repeated Coast Guard, sorry about that. And then 14 recently because of the split of MMS, Bureau of Safety 15 and Environment Enforcement, BSEE, is now also a 16 Federal member. 17 18 And that science technical advisory 19 panel that I mentioned is made up of up to 15 members. 20 We're short several members right now and we're 21 actually in the process of trying to refill those 22 positions. And the expertise on the panel is very 23 broad, as you can see from the subjects that are listed 24 there. And the people who fill the areas of expertise 25 come from all kinds of different sources, industry, 26 academia and so on, but they're not there because of 27 who they represent, they're there because of the 28 expertise they bring to the panel. 29 30 In the Act itself, it goes a little bit 31 beyond the purpose that I mentioned before, and spells 32 out some objectives. 33 34 Identifying and prioritizing the 35 information needs. 36 37 Coordinating between the member 38 agencies with what research they're 39 doing. 40 41 Maintain and improve people's access to 42 that information. 43 44 And then try to focus on the most 45 pressing needs. 46 47 In other words, basically relating to 48 the prioritization issue. 49 50 Okay.

1 So some of the things that the NSSI has 2 undertaken since its formation to try to meet some of 3 those purposes, that purpose and objectives, one of the 4 earliest things that NSSI did was enter into an 5 agreement with the University of Alaska-Fairbanks, the 6 Geographic Information Network of Alaska, GINA, to 7 begin to develop a data management system and I'll run 8 you through a piece of that here a little bit later. 9 10 Early in NSSI's existence they began a 11 terrestrial land cover, land mapping, land cover 12 mapping effort to try to develop a valid and sort of 13 uniform quality baseline of vegetation, you know, plant 14 community types on the North Slope, on the whole of the 15 North Slope, that could serve as a baseline to detect 16 future change from that baseline. 17 18 One, it happened before I came to NSSI, 19 but one kind of nifty little project that got funded 20 out of the initial pot of money, which has now dwindled 21 down to about a third of what it originally was, was to 22 develop -- because apparently water quality 23 measurements were high on people's agendas when NSSI 24 got created, was to create a remote sensing tool and 25 the folks at the Michigan Tech Research Institute came 26 up with this thing they called a bathy boat, which is 27 like -- it's like a little remote controlled boat that 28 actually can be -- instead of having to fly the whole 29 crew in there with a bunch of different instruments and 30 maybe getting one or two lakes done -- Mr. Chair. 31 CHAIRMAN BROWER: Just reading your 32 33 second bullet there, the terrestrial land covered 34 baseline and change detection of mapping, on the 35 handout -- unease with that kind of a statement there 36 because changes have already been occurring and how do 37 you cover for the baseline when changes are constantly 38 occurring on an annual basis and trying to develop a 39 new baseline there needs to be some discussion about 40 what all that's going to entail. 41 MR. LASSUY: Mr. Chair, yeah, that's a 42 43 valid point and there has been a lot of -- I'll mention 44 some of these emerging issue papers a bit later and in 45 almost every one of them there was a discussion about, 46 well, what is the baseline because the baseline's 47 changing, particularly since things like climate change 48 are happening and so -- I mean you have to kind of pick 49 a point and try to do your best to get as clear a 50 picture as you can at a given point and then you're

1 just going to have to follow it and it'll just keep changing from there. So this was simply an effort to 2 try to get -- there were dozens -- I'll have a couple 3 4 of slides a little bit later on this particular map and 5 mapping effort, but there had been dozens and dozens of 6 vegetation mapping efforts over the years but they 7 weren't all to the same scale, they didn't use the same 8 criteria to define the communities, the plant 9 communities, and so on, and so this was an effort to 10 try to at least bring some consistency to all of them 11 so that you weren't comparing apples and oranges and so 12 on at any point in time. 13 14 Okay. 15 16 So, anyway, this nifty little tool, 17 instead of flying a crew in and doing a lake or two in 18 a day you could do, you know, a half dozen or seven or 19 eight lakes in a day and this would measure a dozen or 20 so different water quality parameters including doing 21 a bathymetry of the water body. And we have largely 22 been uninvolved since the initial efforts on that and 23 industry actually has picked up and is using this tool 24 sometimes on some of their field work, as I understand 25 it. 26 27 One of the other things that the NSSI 28 did, fairly early on, and Dave was very much involved 29 with this, along with the Science Technical Advisory 30 Panel, was to survey the member of bodies for, well, 31 what general issues are concerning you; things like 32 permafrost condition, erosion, the vegetation change 33 that I just discussed, and a range of subsistence 34 species, fire, hydrology, I think there's a total of 15 35 or so now that have been completed where the Science 36 Advisory Panel with the help of the senior staff 37 committee sat down and took a hard look at, well, what 38 is the state of our knowledge on this area and what 39 actually are the significant management questions under 40 that subject and put together a series of, I think -- I 41 think I said somewhere between 12 and 15 of these now 42 and they're all posted on the website, that give a 43 fairly brief, three, four, five page summary of the 44 state of the information, where they saw the gaps still 45 existed and their recommendations for how to proceed on 46 that area of science need on the North Slope and its 47 adjacent seas. 48 49 On the slide here I have the website 50 address and you'll see this a number of times

1 throughout the talk. The North Slope Science 2 Initiative website, which is a .org website, by the 3 way, not a ,gov website. It has government issues with 4 doing a .org. 5 6 Some of the other activities that we've 7 been involved with, obviously what happens in Alaska 8 also happens in other places around the Arctic, or at 9 least some similarities around the Arctic and in 10 particular with some of our nearest neighbors, so we 11 have worked pretty closely with Canada on an every 12 other year, basis, we hold a northern oil and gas 13 research forum. That will be held again this year in 14 Canada and we believe it will probably end up being in 15 YellowKnife this year, and then on an even broader 16 scale, with the Arctic Council for Circumpolar 17 monitoring. You know if we see a decline in -- or a 18 change in vegetation patterns here and we try to 19 explain it without knowing that a similar change is or 20 isn't happening in other places throughout the Arctic, 21 it's a lot more difficult to understand the changes 22 unless you understand them across the Arctic. So 23 that's an international effort. And NSSI's involvement 24 has simply been to try to help them be sure that 25 they're in touch with the right people and that they 26 come up with protocols that work for everybody. 27 28 A project that we're just initiating 29 now, I'm not going to go into it much because it is so 30 early in the process but we've actually involved 31 Council member Gordon Brower in some of our early 32 deliberations is a scenarios project, developing 33 scenarios for just what might the future of development 34 on the North Slope and adjacent seas look like 20, 30 35 years out from now, and what science are we going to 36 need to know to be able to analyze the implications of 37 those scenarios. And that's a project, as I say, is 38 just getting underway. 39 On occasion we hold, we sponsor fairly 40 41 targeted workshops. Early on there was a remote 42 sensing workshop because I think people recognized, 43 because it's such a huge area, that remote sensing is 44 probably a tool that will end up being used so the 45 proceedings of that workshop are -- that workshop was 46 held, proceedings are on the website. 47 48 There was a caribou research and 49 monitoring workshop because it was very obvious fairly 50 early on that the caribou were a species of

1 considerable interest on the North Slope. 3 A little more recently there was an 4 NSSI sponsored workshop hearing in Barrow on science, 5 natural resources and subsistence in the US Arctic 6 lands and waters. I have a copy of it here, but, 7 again, it's posted on the website. I suspect a number 8 of you were probably involved in that workshop. 9 10 And then every year, of course, we are 11 required to report to Congress what our activities have 12 been for the past year. 13 14 I've mentioned a number of times the 15 website and I'll go through an exercise, a very quick 16 exercise on the website here, but just simply showing 17 you those workshops that I just mentioned are posted on 18 the website, the remote sensing one, the caribou 19 workshop and the sort of listening and subsistence 20 workshop that was held here and dedicated to two of our 21 previous Science Technical Advisory Panel members, who 22 you are all obviously very familiar with. 23 24 Okay. 25 26 On our website, which is, again, 27 NorthSlope.org. This is sort of a screen shot of the 28 front page of the website and I'll just go through a 29 couple of these big buttons because I've just briefly 30 talked to the North Slope's scenarios project, which, 31 again, is just getting underway. But one of the 32 things, I was reading through the minutes from some of 33 the previous meetings of this Council, and there's a 34 lot of talk on there, a lot of discussion about the 35 need for access to information and what studies are 36 going on where and who's doing them and that sort of 37 thing, and that is by and large what this data catalog 38 and project tracking system is about. So if we click 39 on that on the website it takes you to this catalog and 40 then it has a couple of, just sort of popular, sort of 41 summary documents and stuff posted, but under the 42 search tool you can also search this catalog in various 43 different categories and ways and the simplest one, at 44 least for me, who's kind of computer illiterate most of 45 the time, is to do a text search. So I did a text --46 just as an example, I did a text search for 47 subsistence, and you can find -- it pulled up 163 48 results, so 163 studies are catalogued in there. It 49 looks like 50-something of them, or were at the time 50 that this screen was shot, were ongoing studies. And

1 then -- so I did the search under subsistence, this is 2 just an example of one of the projects that came up 3 under it, the Chipp River area subsistence fish 4 surveys, so you click on that and it takes you to a 5 description of the study and, not in all cases, but in 6 many cases, it will show you the location of where the 7 study was done, or is being done if it's still ongoing, 8 and there'll be a link to the actual source of the data 9 or as much as they're willing to share. In this case, 10 I clicked on that and it takes you to an ADF&G site 11 that outlines in much more detail the study and what 12 its findings are and that sort of thing. 13 14 Okay. 15 16 So I did another one, searching for 17 land cover, up here, and, of course, the first one that 18 it pulls up because it just got completed just this 19 past fall, in fact all of the data is not yet fully 20 loaded onto the website because we're still in the 21 process of finalizing a user's manual for how to use 22 the map, but it does take you to further information 23 about the study area, a general description of the 24 study. And this is not on the website, this was pulled 25 out of our annual report to Congress, which is in the 26 process of being, you know, signed off in the Interior 27 right now, but this is a map of all the various, I 28 think it's 20-some odd land cover types across, you 29 know, tussock tundra, or wet sedge areas or exposed, 30 you know, exposed unvegetated areas, that sort of 31 thing. Actually it's interesting, you can -- it's 32 really not hard to find the Anaktuvuk River fire on 33 there, is it, it's huge. 34 35 CHAIRMAN BROWER: Yes. 36 37 MR. LASSUY: And very, very noticeable. 38 39 Okay. 40 The only other one I'm going to 41 42 highlight and very briefly here is the long-term 43 monitoring function on the website. This was a survey 44 effort by the science panel and the senior staff to 45 look at what long-term monitoring is already going on 46 on the North Slope. And you go to that and it's just a 47 list of, I think, 143 or so long-term monitoring 48 projects that either were done or are still ongoing. 49 And I looked down the list and here's one of them on 50 North Slope whitefish and go to the link and look

1 familiar, it takes you to that same study that's being 2 done through ADF&G. So there are multiple ways to 3 define the same information. If you prefer using the 4 catalog to look at all kinds of studies on it, you can 5 do that through the catalog, if you'd rather just look б for long-term monitoring data, you can go to the long-7 term monitoring and find it in that way. 8 9 So that's a very brief history of where 10 we came from and some of the things we've been working 11 on. We will continue to improve this access to quality 12 information and the scenarios project, which I 13 mentioned briefly, is just now getting underway. And 14 we committed to, and to some extent this workshop 15 helped a little bit with trying to improve the ways 16 that the scientific community gathers, understands and 17 uses local and traditional knowledge, but, frankly, 18 that's an area where, even though we've put some effort 19 into it, we still need to improve. And I'll tell you, 20 in reading through the minutes from previous meetings 21 and transcripts of this Council, holy cow, man, I 22 should have been reading those minutes every -- after 23 every session for the last two years that I've been 24 with the NSSI, and I see you have one tentatively or 25 maybe it's firmly scheduled in Nuiqsut later this year, 26 or possibly, I don't know, I'm simply making the point 27 that I need to come and listen even more to these 28 because there's some amazing conversation at these 29 meetings and in the minutes and transcripts, that I 30 think suggests some really neat lines of scientific 31 investigation. NSSI does not have a ton of -- well, it 32 doesn't have a ton, we have very little money for 33 anything other than sort of coordination functions and 34 pulling together workshops and that sort of thing, but 35 it's a very good forum for people with shared interests 36 to talk around the same table so that they can 37 highlight what the important pieces are, and then 38 amongst themselves figure out, how either they, or they 39 together, or they with an external partner can get that 40 piece of work done. 41 42 So that's the extent of my 43 presentation. 44 45 This is my contact information, email 46 and phone number and I can leave cards. 47 48 Oh, one other thing I mentioned, I left 49 at your table there, a copy of this years North Slope 50 Science Initiative calendar. We've taken on this -- in

1 the last couple of years we started -- we can do it 2 basically for free, in-house, we're housed in BLM, we are paid through BLM accounts, but our boss is all of 3 4 the 10 or so members of the North Slope Science 5 Initiative oversight group, so it's fun to tell them, б you guys pay us but we don't work for you. 7 8 Don't put that in the record. 9 10 (Laughter) 11 12 REPORTER: Hummm, I think you already 13 did that. 14 15 (Laughter) 16 17 CHAIRMAN BROWER: You did that on your 18 own. Tina gets everything. 19 20 (Laughter) 21 MR. LASSUY: We have an in-house 22 23 graphic capability so it's fairly easy for us, I say 24 that, my graphics person probably wouldn't agree, it's 25 fairly easy for us to put together a calendar and it's 26 an easy way to get information out in an interesting 27 forum, and as you can see this year's calendar was on 28 this land cover mapping effort and some of the outcomes 29 from it. But we've already decided that next year's 30 we're going to focus on North Slope subsistence 31 activity and so we're really going to need really good 32 pictures. I know Gordon takes really good pictures 33 because we've already used a number of his images in 34 some of our previous reports. But just sort of a 35 head's up to keep an eye out, to think about taking 36 some really good pictures of subsistence activities and 37 we'll try to find a way to weave it into next year's 38 calendar and make next year's calendar a little more 39 interesting if you're not a plant geek. 40 41 That's it, I'm open to questions. 42 43 MR. SHEARS: Mr. Chair. 44 45 CHAIRMAN BROWER: Yes, Robert. 46 47 MR. SHEARS: Thank you, Denny, very 48 good. That was informative. 49 50 The specific issue that brought NSSI to

1 the forefront of this Council, was it at our last 2 meeting, or actually it might have been a year ago, is 3 when we were discussing the funding for -- the funding 4 -- the development of research projects in regards to 5 fish studies and it was -- the thought that was out 6 there was that NSSI, being the holders of the data, of 7 all this research that's being done all over the North 8 Slope for a multitude of reasons for a dozen different 9 agencies should be involved in the coordination of --10 or at least in, you know, advising, which projects that 11 are, you know, envisioned for going forward for grant 12 application funding to study, are most valued by the 13 various agencies. You know as it turns out, you know, 14 after a thorough discussion we find out that, you know, 15 NSSI probably wasn't in the loop on the specific study 16 that we were discussing at the time, it was a Dolly 17 Varden study around Kaktovik. 18 19 But has NSSI been involved in vetting 20 -- for instance the Coastal Impact Subsistence Program, 21 that grant funds that were conveyed from the Department 22 of the Interior and then MMS to the State of Alaska for 23 distribution for affected coastal communities due to 24 the off shore oil leases, the revenues, and this was 25 all funded from revenues developed from Lease 193 and 26 the Beaufort also. You know we looked at how the State 27 was just -- was doing a distribution, you know, was 28 setting up the distribution for grant funds and we 29 said, okay, that looks odd, but then who actually 30 selected the projects that would be funded for a grant 31 study under these. You know, some very odd projects 32 were coming to the and it was like going, you know, if 33 anybody who was interested in science in the Arctic, 34 you know, they probably would have advised, you know, 35 this money to be steered elsewhere. It's like NSSI 36 was out of the loop over these years since its 37 formation in regards to, you know, buying in -- you 38 know, having some seat at the table to advise where 39 grant funding for science development on the North 40 Slope should be expended. 41 42 Am I correct or not? 43 44 MR. LASSUY: Well, I'm not sure to what 45 extent we've been out of the loop because I've -- you 46 know if that discussion was held several years ago I 47 wasn't there. But I was involved -- a couple of things 48 that I will mention. 49 50 One of those emerging issue summaries

1 that I mentioned is on fish and fisheries. It was 2 developed during a time when I was not with NSSI but I 3 -- you know, it's there and gives the Science Technical Advisory Panel's summary of where they think the gaps 4 5 and information are, and so it's worth revisiting that б one. 7 8 And I could see that an applicant for 9 funding for a study, from whatever source, might want 10 to refer to that document if it has useful content for 11 them and say, well, look this group decided that this 12 kind of project, which this is an example of, was a 13 priority information gap for fisheries issues on the 14 North Slope. So it could be used in that way. 15 16 The second issue, though, and that's 17 where you start tip-toeing a little bit dangerously, 18 meddling, one thing -- this is a consensus driven forum 19 that very, very specifically does not have any 20 regulatory or decisionmaking function that alters in 21 any way the authority of any of it's member bodies; 22 North Slope Borough, BOEM, Fish and Wildlife Service, 23 whoever it is. So if one member agency administers a 24 pot of money and makes decisions on it they are not 25 real -- how do I put this politically, Dave..... 26 27 (Laughter) 28 29 MR. LASSUY:generally they don't 30 want somebody else telling them how to spend their 31 money. 32 33 (Laughter) 34 35 MR. LASSUY: So we try our best to 36 respect the mandates of each of the individual 37 agencies, but provide the best sort of review that we 38 can. And I think one thing that's certainly a valid 39 point with the emerging issue summaries is that they're 40 now reaching variously, because they didn't all happen 41 at the same time, but they're all reaching nearly four, 42 five, six years since they were put together. So, you 43 know, some time in the coming years I suspect we're 44 going to be in the business of revising some of those 45 emerging issue summaries and revisiting some of the 46 content of them. 47 48 MR. SHEARS: You know, as a data 49 collection center, you know, invaluable. You know, 50 just exactly what was indicated -- our communities

1 indicated during the preliminary and defining the scope 2 of the environmental impact statements for off shore development and other fields of sciences, that we 3 4 needed a collection, a library, a data central, and 5 that's what we really saw has been the greatest б achievement of NSSI. The CIA was started in a similar 7 way. 8 9 (Laughter) 10 11 MR. LASSUY: Our data manager will be 12 happy to hear that. 13 14 (Laughter) 15 16 MR. SHEARS: You know, the Central 17 Intelligence Agency was formed in the United States in 18 1948, specifically under the same -- almost the same 19 auspices, it had no responsibility or authority to 20 collect data in the field, it was not a field operator, 21 all it was was a gathering place for bringing in all of 22 this information from all over the world to be analyzed 23 by others, it was not involved in analyzing the data. 24 But over the years it gradually expanded its role, you 25 know, it had field operations going in the late '50s, 26 it was in Vietnam and Cambodia in the early '60s until 27 it's flying drones over Pakistan and dropping smart 28 bombs on the Taliban in 2013. 29 30 Where is the NSSI going in 30 years? 31 32 (Laughter) 33 34 (Pause) 35 36 (Laughter) 37 38 MR. LASSUY: Oh, my goodness. 39 40 (Laughter) 41 42 MR. LASSUY: Through the Chair. 43 44 CHAIRMAN BROWER: Go ahead, Denny, if 45 you can. 46 47 (Laughter) 48 49 MR. LASSUY: I'm not sure I see a whole 50 lot of similarities, and I'm not sure that the analogy

1 of the CIA with the NSSI..... 2 3 MR. SHEARS: Right. 4 5 (Laughter) 6 7 MR. LASSUY:is one I would 8 invite. 9 10 (Laughter) 11 12 MR. LASSUY: But, you know, to the 13 extent that -- I guess I'll clarify, it would help if I 14 clarified one thing, this catalog that I kind of ran 15 through.... 16 17 MR. SHEARS: Uh-huh. 18 19 MR. LASSUY:it's very good for 20 the stuff that's in it, but it's only as complete as it 21 is fed. You know it depends upon the agencies to feed 22 their studies into there and to enter them into the 23 catalog and we don't have the power to force them to 24 enter their studies. Most of the agencies have been 25 fairly cooperative in trying to be sure that their 26 studies are in there and discoverable, because that's 27 the value, is to be able to be discovered, that your 28 work is in there. But unless they have volunteered it 29 or we've gotten it through an agency, for example, 30 there are many, many, many other studies out there in 31 the Arctic, in the US Arctic that are funded by 32 agencies that have nothing to do with the North Slope 33 Science Initiative and those are not necessarily in 34 there. You know, we have worked with the National 35 Science Foundation and gotten them to provide -- you 36 know to provide access to some of their studies. 37 38 The one thing I should mention is that 39 we don't -- it's not a -- we're not a gigantic can of 40 data, it's a distributed kind of network. You can find 41 the studies through the NSSI website but then it 42 directs you back out to where that data is actually 43 stored, so it's a distributed network. 44 45 CHAIRMAN BROWER: Yes, James. 46 47 MR. NAGEAK: Yes, I saw that picture of 48 the bathy boat, and I began to visualize how the under 49 water happenings that destroyed a lot of stuff at --50 you know, that Japanese tsunami and all of that, so,

1 are there any bathymetric studies of the Arctic Ocean 2 floor or is there -- should I be concerned about a 3 happening, an under water eruption? 4 5 MR. LASSUY: I would have to..... 6 7 DR. YOKEL: The Navy and..... 8 9 MR. LASSUY: Yes, exactly, the US Navy 10 and NOAA, National Oceanic Atmospheric Administration 11 -- NOAA is a member of the North Slope Science 12 Initiative but by and large they have not entered their 13 bathymetric studies into our data catalog. That bathy 14 boat is -- so far anyway has been pretty much strictly 15 a freshwater lakes thing. It's a tiny little thing, 16 the whole boat's only about two and a half feet long or 17 so so it's not a practical tool for using on the ocean, 18 or even in the near shore waters unless it's a really 19 calm day. 20 21 But I don't know how to answer your 22 question about ocean debris and that sort of thing. 23 That's something we would have to direct to the US Navy 24 or to NOAA, we could certainly raise it in a -- you 25 know, with our NOAA partners, within NSSI, and ask them 26 what information they have and how they could share it. 27 28 CHAIRMAN BROWER: Go ahead, James. 29 30 MR. NAGEAK: I'm really concerned 31 because if there ever was a disruption in the Arctic 32 Ocean and how Barrow would be affected by a tsunami 33 with the ice on top of that. You know we had Mound 44 34 here in Barrow and I don't know what kind of an ocean 35 action that made that instantaneous death to this 36 family back in, I don't know how many years ago, so I'm 37 curious as to how -- if there's ever been a study of 38 the ocean's floor, of the Arctic Ocean. 39 40 Thank you. 41 42 MR. LASSUY: I'll just add something, 43 it's not really related to your question but an 44 observation about the tsunami and the tsunami 45 materials. 46 Before coming to the North Slope 47 48 Science Initiative my -- the focus of my job was 49 working on invasive species, non-Native species that 50 cause problems and the tsunami debris was a very big

1 concern for that reason because there are huge pieces, 2 a lot of them, and they came from a shoreline that had, 3 you know, existed for, who knows how many years, so a 4 lot of them had living organisms from the Japanese 5 coast that have gotten -- potentially could have gotten 6 transported over here, in fact, they've been found all 7 the way down to the Oregon, and I think even the 8 Northern California Coast and vessels and parts and 9 pieces of the tsunami debris that had non-Native 10 species on them, and, you know, states with a whole lot 11 smaller coastline, like Oregon and Washington were 12 freaking out with trying to marshal their forces to get 13 out and clean the debris as soon as it showed up. They 14 went out there with steam guns and cleaned off the 15 docks and stuff that landed on their shoreline because 16 they didn't want the invasive species coming in either. 17 18 So I'm certainly familiar with concerns 19 from the tsunami debris, but I don't have a specific 20 answer for you about the Arctic Ocean. 21 22 MR. SHEARS: Mr. Chair. 23 24 CHAIRMAN BROWER: Bob. 25 26 MR. SHEARS: I see a tremendous 27 opportunity there because NSSI collaborates so many 28 different agencies that we interact with on an 29 individual basis all the time, it's like the go-to 30 shop, the one stop shop for everything relating to 31 baseline environmental information that we're concerned 32 with. The ecology; the environment; the animals; the 33 marine mammals; the waterfowl; everything within our 34 scope and beyond, and I'm encouraged by this. I don't 35 know if any other entity, you know, in the state of 36 Alaska that we can turn to besides the NSSI for answers 37 on a lot of things that concern us, and so I was 38 wondering why we couldn't rely on you as a source of 39 information at our subsistence meetings, at our Council 40 meetings. 41 MR. LASSUY: Well, you know, as I 42 43 mentioned before, I'm honored that you would say that 44 but I'm.... 45 46 MR. SHEARS: Now that we realize you're 47 only a two or three man staff, I thought that you were 48 a department. 49 50 MR. LASSUY: Oh, good Lord, don't I

1 wish. 2 3 (Laughter) 4 5 MR. LASSUY: As I say we've been cut 6 down to about a third of what our original budget was 7 so we don't have a whole lot of project money. 8 9 MR. SHEARS: Yeah. 10 11 MR. LASSUY: But there is a core 12 project that we will not stop funding unless, you know, 13 unless we are virtually out of money and that is this 14 data management system, because..... 15 16 MR. SHEARS: Yeah. 17 18 MR. LASSUY:it's so centrally 19 important to all of the members of the North Slope 20 Science Initiative. 21 22 But it does have the limitations that I 23 mentioned. 24 25 MR. SHEARS: Yeah. 26 27 MR. LASSUY: It is as good as it is 28 populated with studies and, you know, we have one 29 person who's actually funded through UAF to help us 30 with the database management and, you know, he can only 31 make so many calls or send so many emails to beg people 32 to put their information into the system. So, you 33 know, a huge source of information are industry, 34 industry studies and, you know, we have no leverage 35 other than the promise of people being able to access 36 what they want us to be able to access, their 37 information, their studies so that they can show to the 38 world what they've been doing. But we don't have --39 you know, we can't force them to put their studies into 40 our system. It's conceivable that we could work 41 through a, you know, some sort of a mutual agreement 42 with industry to get that kind of access. 43 44 I know that NOAA has worked on an 45 arrangement like that with ConocoPhillips, and, I'm not 46 sure who else, Shell, but I'm not sure to what extent 47 it's actually working yet, in terms of populating their 48 databases. 49 50 MR. SHEARS: Educate the public so to

1 speak. 2 3 CHAIRMAN BROWER: You need to put your 4 mic on, please. 5 б MR. SHEARS: I'm done. 7 8 CHAIRMAN BROWER: No, you said 9 something with the mic off, you have to restate it. 10 11 (Laughter) 12 13 MR. SHEARS: I forgot what it was. 14 15 (Laughter) 16 17 REPORTER: I got it. 18 19 CHAIRMAN BROWER: Okay, thank you, 20 Tina. 21 22 MS. AHTUANGARUAK: Harry. 23 24 CHAIRMAN BROWER: Rosemary. 25 2.6 MS. AHTUANGARUAK: Yeah, I just really 27 think that's our hopes for this process is showing that 28 there's a definite need and what we thought what we 29 might get out of this. A lot of concerns that we've 30 had over the years trying to bring enlightenment to our 31 issues demonstrate the difficulties we're having in the 32 issues around fisheries in Nuigsut with the Arctic 33 cisco. It took eight years to get support to go and 34 look at the causeway that had filled up with gravel. 35 And it shouldn't take those number of years to get the 36 support to look at some of these issues. And I was 37 hoping that this North Slope Science Initiative was 38 going to help us get some leverage to allow us to look 39 at additional factors that are affecting things, as 40 increased concentration of things that change our lands 41 and waters. It's going to be even more important for 42 us to be effectively engaged. 43 44 Issues around the caribou migration. 45 We have to look at the Red Dog Mine studies. We didn't 46 get effective assessments or terminology in these 47 assessments that allowed us to look at issues around 48 caribou migration. All of these things are very 49 important for this process of what we wanted to work 50 through with the North Slope Science Initiative and

1 where we can really help us get some of the issues and 2 concerns around our traditional and cultural activities 3 looked at by changes that are coming from other things that are affecting our traditional way of life. 4 5 6 Thank you. 7 8 CHAIRMAN BROWER: Thank you, Rosemary. 9 10 I'll just provide a comment as well in 11 regards to I was kind of thinking that the North Slope 12 Science Initiative was still in its infancy because 13 it's still trying to gather information that could be 14 useful for situations that we discuss and trying to 15 identify with what kind of research that's been 16 happening within the North Slope. 17 18 But, anyway, take the -- I mean I take 19 the name very seriously, North Slope Science 20 Initiative, but then it's gotten somewhat out of hand 21 when you start being inclusive of all the other Arctic 22 countries. It's not so focused just on the North Slope 23 anymore, it's being inclusive of all the other types of 24 research that have similarity to the kind of research 25 that's happening within the Alaska North Slope, and 26 it's being inclusive of other Arctic countries, Russia, 27 Canada and other countries, such as that. 28 29 So in regards to some of the data 30 collection and yet it's still being collected and some 31 are, you know, you can't force the researchers, like 32 you said, to put their data into the program that's 33 developed here, so that's still in the works. So it's 34 still, I guess, growing in a way that this data is 35 still being collected and how we can access it, it's 36 there but then there's limitations as to what's 37 available at different settings, of different kinds of 38 research. 39 MR. LASSUY: Mr. Chair. 40 41 42 CHAIRMAN BROWER: Denny. 43 44 MR. LASSUY: One thing I can pretty 45 much guarantee you, we will never be done, we will 46 constantly be growing in terms of the information and 47 -- because each agency's and the North Slope 48 ecosystem's situation is changing, as I mentioned 49 earlier, it changes, so we'll never be done gathering 50 the science but at some point you have to use the

1 science that you have in hand to make the decisions, 2 and that's the intent, of course, is to maximize as 3 best we can, with the power we have, limited as it is, 4 is to gather and make accessible the information that 5 we can. 6 7 One thing that is a bit different about 8 the structure of the North Slope Science Initiative 9 from some other sort of collaboration or coordination 10 forums is that, on purpose, it was designed so that a 11 high level decisionmaking level person sits at the 12 table, so to some extent they do have the, sort of 13 administrative power within their own agencies to say, 14 you shall go and enter all of our studies on the North 15 Slope into this catalog, so there is -- but not without 16 leverage, we certainly have leverage within the 17 agencies that are members of NSSI. 18 19 Oh, I was going to add one other thing, 20 and that was the discussion about working in areas 21 beyond the North Slope. We don't physically go and do 22 any research beyond the Slope and its off shore seas, 23 but we came to the understanding fairly early on, from 24 a lot of discussions within the science panel and with 25 the oversight group that we needed to at least be 26 involved with broader efforts to the extent that it 27 helps us understand and interpret the science that's 28 done here on the North Slope. If there are patterns 29 across the entire Arctic that we're not aware of that 30 would help us explain or understand the science that is 31 gathered here, then we're kind of missing the boat, so 32 that's the rationale behind the involvement beyond the 33 North Slope, is simply to be aware of and to facilitate 34 the exchange of information in a way that's helpful to 35 science being done on the North Slope. 36 37 CHAIRMAN BROWER: Thank you, Denny. 38 39 Any other comments. 40 41 MR. SHEARS: I just have one more 42 question. 43 44 CHAIRMAN BROWER: Yes, Robert. 45 46 MR. SHEARS: What is the relationship 47 of NSSI with the Arctic Policy Commission, is there a 48 strong working relationship there or does one take the 49 direction from the other? 50

1 MR. LASSUY: I'm not sure which body 2 you're referring to when you say Arctic Policy 3 Commission. 4 5 MR. SHEARS: Arctic Policy, the Arctic 6 Policy Group.... 7 8 MR. LASSUY: Are you talking about the 9 US Arctic Research Commission, USARC with Fran and 10 Cheryl or.... 11 12 MR. SHEARS: Oh, yeah, if that's the 13 one, I'm sorry. The Arctic Policy Commission, the one 14 that Lisa Murkowski was just referring to in a letter 15 to President Obama that, you know, the Department of 16 Interior hasn't really been enabling it, giving it the 17 authority to act broadly in regards to creating 18 policies for development on the North Slope and 19 responding to the concerns of the residents of the 20 North Slope. 21 CHAIRMAN BROWER: I think Edward Itta 22 23 was a member to that Arctic Policy Commission you're 24 referring to. He was put into that Commission through 25 the DC office. 26 27 MR. SHEARS: Who? 28 29 CHAIRMAN BROWER: Edward. 30 31 MR. SHEARS: Really. 32 33 CHAIRMAN BROWER: Yeah. 34 35 MR. SHEARS: Just recently named. 36 37 CHAIRMAN BROWER: Yeah. 38 39 MR. SHEARS: Oh, okay. 40 MR. LASSUY: If you're talking about 41 42 the US Arctic Research Commission that former Mayor 43 Itta is a -- he's a commissioner on? 44 45 MR. SHEARS: I believe so, yes, that's 46 the one. That's the one, uh-huh. 47 48 MR. LASSUY: And Former Lt. Governor 49 Fran Ulmer is the director of the US Arctic Research 50 Commission -- no. We work with them in terms of, you

1 know, listening to their priorities that they have 2 identified, but they are not -- there's no sort of 3 hierarchy where we answer to them or they answer --4 they certainly don't answer to us, but we work with 5 them a lot, Cheryl Rosa is one of our oversight group 6 members so, you know, we're very much kept in touch 7 through her of what the US Arctic Research Commission 8 is thinking are priority issues, and this sort of 9 affiliate created under the same law that created the 10 Arctic Research Commission, is the IARPC, there's such 11 an alphabet soup of Arctic Entities, InterAgency Arctic 12 Research and Policy Commission, or.... 13 14 MR. SHEARS: Maybe that's the one I'm 15 thinking of. 16 17 MR. LASSUY: Maybe that's the one. 18 19 And it has, every five years or so, 20 come up with what they considered a set of research 21 priorities that would help implement the things that 22 the Arctic Research Commission considers priority and, 23 you know, that's good and we try to find ways that NSSI 24 member entities can help them, you know, deliver on 25 that, but we are a consortium, a forum of a number of 26 agencies, each with their own mandates so we have to --27 again, we have to always be cognizant that we're not in 28 a position where we're -- where we're simply in a 29 position to inform those agencies, not to suggest to 30 them what they should be doing with their budgets. 31 32 MR. SHEARS: Okay, I'm clear then. 33 Just not in their chain of command, but do liaison with 34 them. 35 36 MR. LASSUY: Yes, thank you. 37 38 CHAIRMAN BROWER: Any other questions, 39 comments. 40 MS. AHTUANGARUAK: Yes, I was hoping 41 42 that we would be able to look at some of this 43 information and help us prepare for cumulative effects. 44 I was hoping that we would be able to get into some of 45 the status that can understand how much activity occurs 46 in various years with various amounts of activities, 47 such as lease sales versus exploratory, versus 48 development of the unit versus development of a full 49 development unit and these kind of information is 50 really important for our discussions that we're going

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1 to be having as we go forward, but as well as to help
  us prepare and assess some of the cumulative effects to
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3
  our subsistence activities.
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5
                   I'm also very, very concerned because
6 towards the Gulf after the spill started in -- when I
7 went down there watching the process of various
8 organizations really scrambling to get baseline data,
9
  it's so much easier to get baseline data down there in
10 the Gulf than it is here in the Arctic and what do we
11 have in comparison to help us in the process after
12 learning how much they didn't have and what happened in
13 the Gulf.
14
15
                   Thank you.
16
17
                   CHAIRMAN BROWER: Thank you, Rosemary.
18
19
                   If there are no further questions or
20 comments, thank you.
21
22
                   (No comments)
23
2.4
                   CHAIRMAN BROWER: Denny, thank you for
25 your report.
26
27
                   MR. LASSUY: Mr. Chair. Council
28 members. Thank you very much.
29
30
                   CHAIRMAN BROWER: Yep, thank you for
31 your presentation.
32
33
                   That leads us to our recess for this
34 evening, it's almost 6:00 o'clock, so much for a half
35 an hour presentation.
36
37
                   (Laughter)
38
                   CHAIRMAN BROWER: Anyway, I guess the
39
40 other side of that we got to include a half an hour of
41 discussion after the presentation.
42
43
                   (Laughter)
44
45
                   CHAIRMAN BROWER: Anyway, we can recess
46 until tomorrow morning at 9:00, is that when we're
47 going to resume our Regional Advisory Council.
48
49
                   (Council nods affirmatively)
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CHAIRMAN BROWER: We'll recess until 1 2 9:00 in the morning. We're at recess. 3 4 (Laughter) 5 б CHAIRMAN BROWER: Okay, good evening 7 everybody, thank you. 8 9 MS. AHTUANGARUAK: Thank you to 10 everyone continuing to give more than the average 11 persons involved in local community meetings, giving 12 time into the lunch hour, thank you everyone. 13 14 MS. PATTON: Thank you, Rosemary for 15 being on line and thank you to everyone that was 16 calling in and we'll be back at 9:00 tomorrow morning. 17 18 CHAIRMAN BROWER: Recess until 9:00, 19 good night everybody. 20 21 (Off record) 22 23 (PROCEEDINGS TO BE CONTINUED)

1 CERTIFICATE 2 3 UNITED STATES OF AMERICA) 4)ss. 5 STATE OF ALASKA) 6 7 I, Salena A. Hile, Notary Public, State of 8 Alaska and reporter for Computer Matrix Court 9 Reporters, LLC do hereby certify: 10 11 THAT the foregoing pages numbered 2 through 137 12 contain a full, true and correct Transcript of the 13 NORTH SLOPE FEDERAL SUBSISTENCE REGIONAL ADVISORY 14 COUNCIL MEETING, VOLUME I taken electronically by 15 Computer Matrix Court Reporters on the 19th day of 16 February 2014; 17 18 THAT the transcript is a true and correct 19 transcript requested to be transcribed and thereafter 20 transcribed under my direction and reduced to print to 21 the best of our knowledge and ability; 22 THAT I am not an employee, attorney, or party 23 24 interested in any way in this action. 25 26 DATED at Anchorage, Alaska, this 11th day of 27 March 2014. 28 29 30 31 32 Salena A. Hile 33 Notary Public, State of Alaska 34 My Commission Expires: 9/16/14 35