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5	LISTENING SESSION
6	BUREAU OF OCEAN ENERGY MANAGEMENT
7	and BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT
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22	Reported by: Mary A. Vavrik, RMR
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P-R-O-C-E-E-D-I-N-G-S

MR. MICHAEL HALLER: Good morning, ladies and gentlemen. And welcome to this listening session. My name is Michael Haller, and I'm the Tribal and Community Liaison for the Bureau of Ocean Energy Management. And it's a pleasure to have you here today. We appreciate it, particularly on a beautiful Anchorage day as it is.

I want to take just a moment before I introduce the folks here to my right and mention we do have a couple of rules today. And it's not very many, but we ask -- because I know some of you want to speak, and we appreciate, by the way, those of you who have signed up to speak. We have a ball cap. We just pick them as we get to them. But for those of you who do speak, first time around we'd ask that you speak for no more than three minutes, please, so we can get everybody through. And then there will be some time hopefully afterwards if you want to add to your comments or react to something that somebody else has said previously; add to it, whatever that may be, that will be fine.

In addition, if you have some prepared statements that you would like to offer to us today, Mary is over here to my left, and Mary is our court reporter. You can hand them to myself, to Mike Routhier who is in the room, to one of us, anyway, and we will make sure to

get them. And Mike is right down here. So we appreciate that.

And one more thing about comments. We will have some time -- if you notice from the ad today and yesterday that was in the paper, there is reference to eregs.gov. There is about a two-week window in which you can think about this topic some more, perhaps formulate it into a written word and make a submission that way. We would be glad to get your participation in that manner, as well. So we appreciate it.

Now, let me introduce here to my right the Assistant Secretary of the Interior, Tommy Beaudreau. He's also the National Director for the Bureau of Ocean Energy Management. And to his right is Dr. James Kendall, our Alaska Regional Director for the Bureau of Ocean Energy Management. And Mark Fesmire is over there, and Mark is the Alaska Regional Director for the Bureau of Safety and Environmental Enforcement. That's who we have here today. And Pat Pourchot, who is our senior federal officer for Alaska, is out there and will be joining us here probably in a few moments. We appreciate that. Thank you very much for your time.

Mr. Secretary.

MR. TOMMY BEAUDREAU: Yes, it's afternoon. Good afternoon, everyone. My name is Tommy

Beaudreau. I am the Acting Assistant Secretary for Land and Minerals at the Interior Department, which means I have responsibility in helping oversee both onshore and offshore management of federal lands. That includes federal lands in the state of Alaska through the Bureau of Land Management, and also oversight of activity on the Outer Continental Shelf offshore, including in the Beaufort and the Chukchi.

The other hat I wear is as Director of the Bureau of Ocean Energy Management, which is the federal agency that oversees leasing, environmental reviews, plan reviews with respect to oil and gas activity, again, on the Outer Continental Shelf, including in the Beaufort and Chukchi, and Shell's operations last summer. We do that in conjunction with Bureau of Safety and Environmental Enforcement, which is the offshore -- the federal offshore safety authority. And that's the agency for Alaska that Mark Fesmire heads.

Some of you I have met. Some of you I know already. Some of you I'm just introducing myself to. I'm actually an Alaskan myself. I grew up in South Anchorage. I went to Service High School. I remember when the Loussac Library was built. I think I was in sixth grade when it was finished. I actually want to walk around and see if they have more books now than they did back then

because I remember it took a while to get the collection here established. But it's -- it's a real -- it's a real pleasure for me to come back here, meet with folks in my home state to talk about these offshore issues.

The offshore and energy development in general is extremely important to this state. I know that having grown up here, my dad worked on the North Slope. That's why we moved to the state in 1979 because my dad, when TAPS came on line, was working in Prudhoe Bay doing the two weeks on, week off routine. I was also in high school when the Exxon Valdez spill happened, and that made obviously a huge personal impression on me. And so I also understand that perspective of things, the problems, the destruction, the harm that can be caused when oil and gas activity goes wrong. And so I bring that into my work at the Interior Department every day, as well.

So the reason we're here today -- and I really do appreciate everybody taking time to meet with us today and, you know, probably many of you took time out on your lunch hour. And so I want to keep my kind of opening brief, but I do want to contextualize the discussion, explain why we're here. But the most important part of this is to hear from -- from each of you. We do have to, unfortunately, have some organization, and that's what Mr. Haller described. But actually, given the size of the

group here and the time we have available to us, I think we can have a pretty informal discussion, as well, and really some back and forth around all of these issues because I think time will permit us to do that. And that's really what I find most valuable out of these sessions.

We called them listening sessions, and that's truly what they are is an opportunity to sit down with people and talk about what's on everyone's mind. I know, you know, interacting with the federal government, you know, and the bureaucrats can be a mysterious process. Understandably, people wonder what happens, take time out and talk to the feds, what becomes of that.

Part of what we want to do is have some transparency around our decision making, how we consider input from the host of stakeholders and people in the public and have folks understand that. That doesn't always mean that our decisions are exactly the way individuals would like to see them come out. That's true, you know, across the spectrum of interests. It's true with the oil and gas industry. It's true with other folks that when we make a decision, people don't always agree with it. But what I want to assure you of and commit to is we do take input extremely seriously.

You know, I sit down with our team and we go

through comments and we go through and say, okay, we heard this. What is our answer for that? Have we thought this through? So even if we don't necessarily end up agreeing with the person who submitted the comment, we use the information and we use it to challenge ourselves and we use it to make sure that we have good rigor around our decision making. So that's just a commitment I make to you. It's a commitment that everybody in our agencies shares, and that's how we use your input.

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Again, just briefly, let me sort of set the stage for why we're here and why we are reaching out the way that we are. As everyone knows, last year Shell embarked on exploration drilling in the Beaufort and the Chukchi Seas for the first time in many, many years. started two wells, one in the Beaufort, one in the Chukchi. They did not complete those wells. They did not drill in the hydrocarbon. And the reason they didn't is because we at the Interior Department did not authorize Shell to drill in the hydrocarbon. And the reason we didn't authorize Shell to drill in the hydrocarbon is that Shell was unable to deploy a containment system that they committed to and that we had required as conditions of the exploration plan that they have on hand in the event that there is a loss of well control.

And so we did not permit Shell to drill in the

hydrocarbon and essentially engage in the activity for which that containment system was designed to mitigate in case of, you know, a worst case loss of well control.

Nevertheless, they started two wells. They experienced some problems, as I think everyone is aware. The Coast Guard over the last couple weeks has been conducting public hearings on the loss of the Kulluk tow and the grounding of the Kulluk. That is one of the issues obviously Shell experienced. There were others, including, you know, inspections of their other drill ship, the Noble Discoverer, that identified problems. We had questions about why they were unable to bring the containment system on line as they committed to.

And in light of all that, early this year in January, then Secretary of the Interior Ken Salazar directed me and our team here to review Shell's 2012 program. And I completed that review and delivered it to the Secretary in early March. And that's available for everyone to look at.

So while we examined the experience that Shell had in 2012, we actually used that report as an opportunity really to take a step back and lay out principles that are applicable to Shell, but really have general application to any company seeking to do exploration activity in the Arctic.

And those principles are what's represented on this panel right here. The first five are specific to industry. The need for very detailed planning of all phases of an Arctic operation, extremely complex operations, have a lot of components to it in addition to the drilling phase, including maritime logistical issues.

Second, all of those phases must be well planned in advance and with clear objectives. Third, operators must maintain strong direct oversight of their contractors. That was a recurring theme in some of the issues we identified, problems Shell had with its 2012 program, including inability to bring that containment system on line. They had looked to contractors to help provide support for that and were disappointed by the performance of their contractors.

No. 4 hardly needs any explanation to Alaskans but, you know, it's an extremely challenging environment to work in. You need to understand the environment. You need to understand those challenges. You need to be prepared for them, including working with people in Alaska who know how to handle those challenges and will make good decisions in light of those challenges.

And then fifth, you have to have respect for and close cooperation with local communities. That includes consideration of subsistence activity in the Beaufort and

the Chukchi, which overlaps to a significant extent with the drilling season, and it also includes consideration and being a good neighbor on the social impacts, as well, with respect to communities. As, you know, industry mobilizes to conduct these operations, consideration has to be given to how that affects the people who live in those villages year-round.

The last two recommendations really have to do with government oversight and is the reason why we're here today, because this effort that we have embarked on here is really a continuation of and follow through on those recommendations.

The first is continued strong coordination across government agencies. You know, especially in Alaska -- it's true everywhere, but especially in Alaska, there are a lot of agencies that have relevant authorities, relevant responsibilities. There are our two agencies, BOEM and BSEE, who are responsible for different phases of overseeing an offshore program. There is the United States Coast Guard. There is NOAA. There is EPA. We are all on the scene, and we need to make sure that we have good coordination, good cooperation among ourselves, as well as with the State and as well as with local communities so that we have a robust process, but also a sensible one. And we need to carry that forward.

And then finally, that last recommendation is really what today is about. With respect to Shell's operations, we impose a number of specific requirements and conditions on Shell design, particularly for the Arctic environment and Arctic operations.

That included the containment system I referenced. They need to have a tested containment system on-site and deployed before drilling in the hydrocarbon. We put limitations on the drilling season in the Chukchi area in order to provide for opportunity for open water spill response in the event of an accident before sea ice came in. We also had a blackout period in the Beaufort Sea in consideration of the fall whale hunts, bowhead whale hunts for the villages of Nuiqsut and Kaktovik. So we provided for a blackout period there.

And there were other more technical requirements, such as requiring booming around vessels during any transfer of fuel among vessels. That's something that's not required, for example, in the Gulf of Mexico, but we do require offshore of Alaska that you have a prelaid boom in the event that any of that fuel hits the water. Thankfully, that never happened last summer. Shell actually transferred millions of gallons of fuel -- or hundreds of thousands of gallons of fuel, and none of it hit the water, thankfully, but we did require prelaid

boom in the event that there was any accidents there.

So those are the types of requirements that, through conditions on leases or exploration plans, we put into place with respect to Shell's operations.

But what the report, our report says should be done is going forward we should have in the regulations additional Alaska-specific standards for operations offshore of this state and that those should be codified and put in place as regulations, as rules that are generally applicable to any company that would seek to operate in offshore Alaska.

And so that's what this endeavor is that we're here to talk about today. We are looking to -- we have assembled a team to put into place those -- those standards, essentially to codify standards and to make improvements on our standards where appropriate. And so what we want to talk about with you today and hear from you about today, as well as over the course of the coming weeks, is essentially early input into that process, having issues raised for us that we can take into our process and keep in mind as we read through these rules.

This obviously is not the only opportunity for folks to weigh in on our effort here. We are actually leading up to developing proposed rules that would be put out for notice and comment in a formal way, but the

opportunity here is to have a less formal conversation and exchange on what sort of requirements should be in place for operations offshore Alaska.

And I want to be clear about that point there, too. One of the things we have in mind, although the context for Shell's operations and potential future operations from Shell and other operators has been focused on the Beaufort and the Chukchi, there is potential for leasing and potential for activity in other places offshore Alaska, including the Cook Inlet. And we want to be extremely thoughtful about any activity in Cook Inlet, as well. And so a lot of what we are talking about, you know, does have specific application in the Arctic, but we actually want to think more broadly and think about it really in terms of Alaska.

The areas -- and I don't want to -- again, we are -- we are early in our process. That's the whole point here is to get early input, get the benefit of your thinking early in the process, but at the same time I can lay out categorically some of the areas that we have in mind in terms of, again, codifying and building on our standards.

That includes well control, subsea containment, you know, the type of containment system that we required Shell to have. We want to see the same sort of

performance with respect to managing, dealing with, addressing quickly a loss of well control at the source.

And secondly, relief well capability. Having accessible, again, in a very prompt way, in light of the unique challenges and remoteness of the Arctic environment and Alaskan environment, the need to have relief well capability that can be deployed promptly in the event that that contingency is necessary to deploy.

And this is something -- this final point is something we talk a lot about in the report. What's really called for offshore of Alaska is an Arctic-specific model. And fundamental to that, I believe, is the concept of resource sharing among any company or set of companies that would endeavor to work up there. You all witnessed last summer, you know, Shell deployed, you know, a virtual armada of vessels to support its drilling activity. In addition to the two drilling rigs Shell mobilized, they mobilized 20 support vessels to support drilling activity and to provide emergency response capacity.

As you think about -- as we think about potential future operations that may involve more than one operator at a time, it seems to make sense to us that, both in terms of managing risk -- having a lot of vessels moving around at the same time creates risk, and in terms of managing the footprint, including the environmental

impact of those operations, it seems to make a lot of sense to have resource sharing among the companies. And the question that we are thinking about and are looking to engage people on is how do you bring that to life. What would that look like? What would that Arctic-specific, Alaska-specific model actually look like in practice?

And so those are some of the issues that are on our minds, as well as kind of more technical issues around actual drilling operations themselves, the management systems that go into overseeing those operations. Again, very technical issues but, broadly speaking, those are the types of things we have on our mind as we are thinking through this rule-making process.

So thanks very much. Again, I appreciate very much everyone taking time to meet with us. And now the most important part is hearing from you. We will start in kind of a structured process, given -- you know, making sure we get as much coverage as we can in terms of folks who want to provide comments, but I do think we will have ample opportunity for less formal conversation once we complete that. So thank you.

DR. JIM KENDALL: We came up with this a year or so ago to make sure everybody has a fair shake. Well, the first speaker today, drum roll, Lucas Frances. Did I pronounce that correctly? L-U-C-A-S Frances. All

right.

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MR. MICHAEL HALLER: In the batter's box,

Daniel Lum in the batter's box.

MR. LUCAS FRANCES: Hello. My name is
Lucas Frances, and I'm with Shell Exploration here with
the Alaska Venture. I live here in Anchorage. Shell has
long advocated for clear, predictable and consistently
applied rules for the exploration and development of the
Alaska Outer Continental Shelf. The rules governing the
Arctic exploration need to comply with the law and
specifically address Arctic operations.

Over the last few years we have worked extensively with federal regulators on the details for safe exploration in the Arctic. Regulations need to focus on achieving performance outcomes rather than specifying This will allow industry to predetermined solutions. innovate and adopt management practices that achieve better results. A performance-based adoptive management approach would enable operators to be more effective in The rules need not reaching the desired outcomes. regulate good neighbor activities. Shell has diligently worked to listen to local communities and take action to demonstrate our commitment to the region. In many instances, it is the process of listening and relationship building that leads to the most constructive collaboration 1 and understanding.

Finally, consideration needs to be given to the effect of any new regulations on leaseholders who purchase leases under existing regulations.

To sum up, Shell supports a level playing field for all prospective offshore Arctic exploration and regulations that set a stable, predictable framework for businesses prepared to invest and ensure that safety and environmental performance is held to a consistent and appropriately high standard.

Thank you for your time.

MR. MICHAEL HALLER: Daniel. After Daniel, Rick Rogers.

MR. DANIEL LUM: Thank you, Mr. Deputy
Secretary. I'd point out that Shell has to this day
failed to demonstrate any oil spill capacity on location
in various conditions. Arctic seas are rough. We have
yet to see a demonstration from them. They have certified
their skimmers and all that in nice protected bays
somewhere by Valdez, I think. Anyway, that's not why I'm
here.

The federal government has a responsibility to its citizens to balance development with safety, to monitor and ensure that development is not excessively dangerous or polluting the public and the environment. As

As a democracy, we have agencies and a process that are supposed to represent the citizens, their health and environment.

Air quality permitting for the Arctic offshore exploration was formerly through the EPA, and we used to have 30 days notice, 30 days comment, 30 days appeal. Now that Murkowski has put air permitting through BOEM, we don't have that process. We barely get notice. For the TGS and SA exploration seismic permits, we had nine and 16 days, respectively. And there was no information on the projects. We have to get that through Freedom of Information Act.

opportunity for administrative appeal. Basically you are taping our mouths shut. I imagine that Murkowski must have met with you guys and you guys just passed the EPA process. We need to streamline this. We need to rubber stamp. Let's run it through BOEM, cut out the public process. That's what's happening. That's what I feel. We have no process. You guys give no accountability. It appears to be a streamlining, a rubber stamping of major industrial development benefitting industry with a position where it is not hindered by the public with issues like clean air or clean water or a citizen's right

to appeal permits that would harm citizens and the environment.

Is this the future of our government and the environment? These same agencies in this listening session are saying that the public process is so critical we are -- we want to listen to you. But yet through your actions and through your permitting process you exclude us. Why was there only nine and 16 days for these huge seismic exploratory permits? Because it benefits industry to streamline permits like this. It gives industry an advantage.

I don't know how many minutes I'm at. I'm sorry. I'll try and wrap this up.

But most importantly, BOEM needs to insist that companies like Shell, Conoco, Statoil, that they prove on location of these drill sites. This is not a protected cove down south in Alaska. Seventy to 90 miles out on the Chukchi or Beaufort, I've never been out that far. That's huge waves, huge ice. They can't contain basketballs in a boom in that weather, much less oil. So it's inappropriate for BOEM to consider any new permitting until this process is fixed. We deserve the process, the public process, the 30 days, 30 days, 30 days. At least we have something there. Here it's like BOEM is tucking it under its arm and running away with it. Please forgive

me if I'm -- thank you.

MR. TOMMY BEAUDREAU: I apologize for the formality of it. And part of what we want to do and part of why we have Mary here is we do want to have very good notes and record on what people say to us, again, so that we can use that information as we go through our process and we are not just working from memory. So I apologize for kind of the little bit of formality here, but it is important to us. But Mary needs to be able to --

DR. JIM KENDALL: Tommy, if we could move you over here.

(Off the record.)

MR. RICK ROGERS: All right. Thank you.

And glad we are getting organized. This is a better setup.

For the record, my name is Rick Rogers. I'm with the Resource Development Council for Alaska. And in case you are not aware of who we are, RDC is a multisector trade association. We represent oil and gas, but we also represent the mining, tourism, fisheries and forestry industries in Alaska. We have been a voice of Alaska business since 1975. And we have a broad membership, including all the Alaska regional Native corporations, the five industries I mentioned, as well as many individuals and businesses in the support sector, as well.

So given the potential for the vast reserves and enormous economic benefits to our nation and Alaska, we are big supporters of timely and responsible exploration and development in the OCS. It has the potential to greatly increase throughput in TAPS. As I'm sure you are aware, we are in an era of decline. TAPS is running at a third of capacity. We think TAPS is a national asset of strategic importance, and the OCS is critical in the long term to maintaining that infrastructure and keeping it productive for both the benefits of Alaska and for the country as a whole.

We share the department's goal of safe and responsible offshore exploration and development of the Alaska OCS. And for the record, we remind you that 30 wells have been drilled in the Beaufort and five in the Chukchi, all without incident, and that's not to mention decades of responsible oil and gas exploration and development in Cook Inlet. These wells were drilled in the early '80s using older technology than we have today, all without incident.

So as DOI proceeds with finalizing the standards for Alaska's offshore exploration and development, we encourage you to keep the following key points in mind. First we want to emphasize clarity and consistency. The standards should be clear and consistent. Ambiguity adds

risk, uncertainty, delays, and it frustrates our efforts to develop this essential resource.

We also think you need to keep in mind timeliness. Efforts to commence exploration in the OCS have been going on for years. Billions of dollars have been invested. And the regulatory process should acknowledge the very real time value of these investments in OCS and move forward in a timely and deliberative manner. We think that the standards should be performance based. The exploration and production companies operating in Alaska's OCS are among the most capable and sophisticated in the world. And standards should avoid being overly prescriptive and harness instead the innovation and capacity of these companies to develop the best technologies that they can to meet your standards.

And finally, we think the standards need to be durable. Exploration and development projects in Alaska and the OCS in particular take years of planning and -- from design to implementation, and so frequently changing standards is grossly inefficient. It results in rework, disruption and, again, unneeded uncertainty.

So the responsible development of the vast oil and gas assets in the OCS will create tens of thousands of jobs, improve the economic viability of the natural gas pipeline, reduce reliance on foreign energy. The benefits

are great. Uncertainty, ambiguity and delay will only add to the risks that exploration and production companies must factor into their leasing, exploration and development decisions. The current uncertainty regarding DOI standards is stalling the needed advancement of exploration efforts in the Alaska OCS, so we encourage you to provide clear, consistent and durable performance-based standards which would reduce uncertainty and encourage progress in OCS exploration and development.

Thanks for coming up to Alaska to hear from us, and I appreciate it. Thanks.

DR. JIM KENDALL: Michael, who is next?

MR. MICHAEL HALLER: Lindsey is next, and after Lindsey, Lois.

MS. LINDSEY HAJDUK: My name is Lindsey
Hajduk. That's H-A-J-D-U-K. And I'm a representative
with the Sierra Club here in Anchorage. And the Sierra
Club in Alaska has about 1,500 members throughout the
state, and we represent their interests in this issue. So
I appreciate the opportunity to give comment on this
issue. And the Sierra Club will submit much more detailed
comments as well, of course, but we appreciate you coming
all this way to hear from Alaskans, not only here in
Anchorage, but also in Barrow tomorrow.

And so here I still feel fresh off the heels of

Shell's 2012 program. Just the numerous meetings, hearings, and investigations have really drawn out the process, and it still feels really fresh in my mind as we try to figure out what went wrong and why and how to avoid it in the future. But I think the fact is that we convinced ourselves that we were letting the best oil company with the most state-of-the-art technology do something that hasn't happened in a very long time. And we set ourselves up for these risks and the failures that we saw this last year.

And so now we have the proof for sure that there isn't a safe way to operate in the Arctic or in the program that surrounds getting your vessels to and from, which certainly impacts Alaskans first and foremost. And so even with all the precautions we took, we saw that it was not a successful 2012 program.

The example of the containment system is something that is -- it made a huge impact on Alaskans who were following this issue. It was a line of defense in an oil spill. When we know that there is no proven way to clean up an oil spill in Arctic waters, this was the last line of defense and, of course, we heard it was damaged during its testing operations while Shell was in the Arctic, but we didn't know that it was crushed like a beer can. And the real terms like that which happened, you

know, we found out about that long after those tests happened. And so even the last test that occurred, it's still not public how it happened and what happened.

And the approval process of all these permits are also given before this equipment is even created, tested and durable. And we could say that's being timely, but really it's being irresponsible and setting ourselves up for these terrible decisions along the road.

So the bottom line is that we shouldn't be drilling for oil and gas in the last frontier. And the biggest reason is because Alaskans are feeling the effects of climate change. We see it in our communities, from melting permafrost affecting our buildings and food storage, to the need to relocate eroding villages. We should not be producing more dirty fuels and only further climate change here in Alaska and around the world.

And this Administration has declared the need to fight climate change as we began to see more extreme storms throughout the country, but we are setting ourselves up to continue to feel those impacts and deal with those major disasters if we continue this energy policy. So we need a real serious commitment from this Administration to re-evaluate that policy. And they can do that by starting with the Arctic Ocean.

The Arctic is on the front lines of climate

change, and 2012 saw the lowest sea ice cover on record.

And when people think of ice, they think of what's in

their soda, but they don't really think of the huge

ecosystem that Alaska Natives depend on and communities in

this state depend on. But instead, we just discount it

and say, well, it's going away, let's get up there.

Instead, we need to keep the oil under the Arctic Ocean so that we can keep as much as 15.8 million tons of carbon dioxide in the ground. And that's how much carbon we could be looking at from the oil under the ocean, which is as much as 13 years worth of U.S. cars and light trucks, and we will be saving ourselves from the disastrous oil operations at the same time because all it takes is one major disaster, and we have no idea how the Arctic ecosystem will react to it. And all we can plan

So really what we think the Administration should do is not create more rules and regulations for offshore, but to buy back the current leases and not allow any further lease sales in the Arctic Ocean. Thank you.

for is a disaster unimaginable.

MR. MICHAEL HALLER: Right after Lois we will hear from Kenny.

MS. LOIS EPSTEIN: Hello. Thank you,
Assistant Secretary Beaudreau, for coming up here, and
appreciate you holding a listening session. I'll give

some formal remarks and also hope that we can have some dialogue after and discuss particular things like timing which I'm very concerned about because I -- as I will lay out, there is a number of standards that we think are incredibly important to be putting in place before moving forward.

So for everybody else, my name is Lois Epstein, and I am an Alaska licensed engineer and the Arctic Program Director for The Wilderness Society, also known as TWS. I have spent over 20 years working on oil and gas technical and policy issues, and approximately half of that have been in Alaska. And I currently serve on the BSEE Ocean Energy Safety Advisory Committee. My role at The Wilderness Society is to help ensure that oil and gas drilling in the Arctic is done well and in appropriate locations.

For the past two years on the Ocean Energy Safety Advisory Committee, we have developed a consensus recommendation for the federal government to require that Arctic-specific standards be created and used. It took many months for the industry and governmental members of our committee and the subcommittees to understand the numerous technical needs of the Arctic and why it is a different operating environment than offshore oil and gas production elsewhere. And of course, we were looking at

the whole range of operating conditions, not just the actual drilling.

The experience of Shell this past year where there were numerous problems that were unanticipated, especially during mobilization and demobilization, those problems surprised the operators, among others, and empirically shows that Alaska is a very difficult operating environment. Because of these unanticipated problems, we believe it's not enough for BOEM and BSEE to merely codify Shell's requirements for other operators, which I understand is in process and the federal government is planning to do, at least on a fairly fast track.

There is a great need for more extensive regulatory development on Arctic-specific regulatory standards, including, but not limited to, the following 12 items. And these were some of the things that came out in our Ocean Energy Safety Advisory Committee.

So just to list them quickly, not to go into detail: Polar class oil rigs and support vessels, including safe transport to and from the Arctic; Arctic-engineered pipelines; relief well drilling rigs in the region; well capping and containment systems; failsafe blowout preventers for all foreseeable operating conditions; zero discharge of waste to water;

Arctic-engineered proven and effective oil spill recovery technologies and a regulatory means for continuous improvements; black carbon limitations; oil spill response organizations certified for the Arctic by the U.S. Coast Guard; Arctic conditions training and certification that addresses human factors, for example, darkness, cold and remoteness; restricted operations to protect subsistence whaling; seasonal drilling restrictions that are consistent for both the Chukchi and the Beaufort to ensure that responders have enough time to stop releases prior to ice formation.

Beyond technical requirements, The Wilderness Society and others believe there is a need for significant regulatory policy and oversight reforms, including public review and input into Arctic oil spill prevention and response plans, which it sounds like the federal government is going to move forward with; public information prior to and following Arctic drills, equipment and management system inspections, and increased transparency about governmental oversight of Arctic drilling operations in general; significantly increased liability and financial responsibility requirements for Arctic operators -- we understand that might require a role for Congress -- more detailed Arctic incident reporting and near miss data all made public; and

effective enforcement practices, including learning from other agencies. I realize these are much more specific recommendations than what we have heard from others today, but I'm happy to have additional discussions to provide more details.

With this broad range of Arctic-specific needs, which will certainly take time to enact, I'll finish by saying that the Obama Administration should consider not conducting any additional lease sales for the Arctic Ocean in the 2016-17 time frame. That's our position, that we're not ready to be and prepared to operate wells in the Arctic right now.

Thank you very much for the opportunity to speak today.

MR. MICHAEL HALLER: After Kenny is done, we'll hear from Mary Ann Pease.

MR. KENNY GALLAHORN: Good morning.

Thank you. Thanks for having us. Good to see you guys all here. This is actually my first time at one of these things. Just a question. Kenny Gallahorn, Northwest Arctic Borough. Why were the Northwest Arctic Borough communities excluded from the two upcoming surveys of the northern Native communities? We are quite a ways from the drilling activity; however, the sea mammals that we harvest go through there and it will and can affect us.

And that was all I had for you guys today. I had two
questions, but I got it answered. Thank you. Appreciate
your guys' efforts.

MR. MICHAEL HALLER: As soon as Mary Ann is concluded, we will hear from Nikki Martin.

MS. MARY ANN PEASE: Yes. Good
afternoon. My name is Mary Ann Pease. I'm on the board
of directors for the Consumers Energy Alliance, the State
Chamber Executive Committee. I'm the past president for
the Anchorage Chamber. I'm also a business owner with a
focus on oil, gas and energy consulting. Thank you very
much for the listening session today.

I can assure you that everyone in this room is extremely interested in making sure that our national resources are developed in a safe, reliable and economically feasible manner. The need for a diverse market basket of energy sources is more critical today than ever. Energy consumers need the optionality of affordable energy to continue economic prosperity. The villages and communities here in Alaska are constantly hurt by the high cost of energy and greatly rely upon the revenues that come from that very industry, the oil and gas industry, for their very existence.

Alaska has the most stringent regulatory and permitting requirements in the world. We can reasonably

and responsibly develop our resources here in Alaska. OCS standards that your agency and others may be reviewing need to be durable and cannot cause delay, excessive costs, and should not be intended to stall development. Our objective and focus should be on sustainable development and not merely on shutting down business opportunity, especially in the OCS. There should definitely be additional lease sales in the OCS and we should work together to make sure that they go forward on a reasonable and responsible basis.

Shell and the other producers here in the state are indeed good stewards of the land and the resources. Their objectives are -- is to successfully develop the leases that they have, but they are also interested in being part of this community and being part of this state. There are numerous agencies and regulators ensuring that development occurs in an environmentally safe manner. Standards and environmental safeguards can always be improved upon, and our focus should be on these improvements and not on drilling curtailment, as some anti-development agencies would like to achieve.

Thank you very much for your time today.

MR. MICHAEL HALLER: And next up is Mike

24 Faust.

MS. KARA MORIARTY: Good afternoon. I

am not Nikki Martin. I am the Executive Director of the Alaska Oil and Gas Association, and Nikki is our Regulatory Affairs Manager, and that's what happens when the boss shows. She makes me testify.

So for the record, my name is Kara Moriarty, and I am the Executive Director of AOGA. We are the professional trade association for the industry. Our 15 member companies account for the majority of oil and gas exploration, development, production, refining and marketing and transportation activities both onshore and offshore here in Alaska.

For the past 47 years AOGA has worked to foster the long-term viability of the industry here by promoting the responsible development of Alaska's oil and gas resources across the state, from Cook Inlet to the Outer Continental Shelf. As you have heard many times and as you know, Alaska's OCS is estimated to hold approximately 27 billion barrels of oil and 132 trillion cubic feet of natural gas. Developing Alaska's vast OCS resources is essential to any effort to reduce the nation's dependence on foreign sources of oil and is vital to stemming the decline of throughput in the Trans-Alaska Pipeline, which will continue to face operational challenges without additional supply.

Development of the Arctic is also a tremendous

economic opportunity for the nation, as well as the State of Alaska. And fossil fuels are projected to be the source of energy for decades to come. As the Department of Interior's recent report to the President indicates, and I quote, "The industrial sector operating in the U.S. Arctic has a major impact statewide in Alaska, generating directly and indirectly thousands of jobs, millions of dollars in personal income, and billions of dollars in revenue for federal, state and hopefully local governments."

AOGA is encouraged by the efforts and the joint efforts of your two agencies to ensure consistent and predictable regulations. We advocate for that at every level -- State, federal and local -- to have predictable and consistent regulations. It is imperative that the rules governing Alaska and Arctic exploration provide certainty and clarity to a viable path forward for the development of these resources. AOGA members have a long history of partnership with State and federal agencies to ensure safe and responsible development of Alaska's resources, and we look forward to continuing working with you and your agencies to produce this oil safely.

Thank you very much.

MR. MIKE FAUST: Good afternoon. My name is Mike Faust. I'm the Chukchi project manager for

ConocoPhillips. I'm here today to submit ConocoPhillips' comments on the proposed adoption of regulations imposing Arctic-specific standards for oil and gas activities in the Chukchi and Beaufort Seas.

ConocoPhillips is one of the largest owners of State and federal leases in Alaska, including the OCS. ConocoPhillips has extensive experience exploring in Arctic conditions both onshore and offshore. We've drilled in Canada, Norway, and Russia, as well as Alaska. In the Alaska and Canadian offshore region alone, ConocoPhillips has safely drilled over 50 wells. Our Arctic experience provides the basis for our belief that we can safely and with minimal environmental impact drill in the Chukchi Sea.

Until recently we planned to drill new exploratory wells on our leases in the Chukchi Sea in 2014. Regulatory uncertainty, however, has caused us to put those plans on hold. Going forward, we welcome all opportunities to work with the federal government, other leaseholders, and other stakeholders to develop offshore Arctic-specific standards that clearly define the regulatory expectations for operators. Regulatory clarity and certainty will be very important to ConocoPhillips as we assess our future plans for the Chukchi Sea.

There are several topics that we would like to

have considered. We will be submitting written comments that include other issues, but two important principles are, one, any new regulations should provide clear and reliable regulatory standards that apply throughout the exploration and development stages. The regulations must be clear to provide appropriate certainty to all stakeholders about the governing standards. The regulations must be well considered at the time of their adoption so that they are reliable, not subject to change during permitting, exploration or development.

Secondly, new regulations should adopt performance standards rather than prescriptive technology requirements. There should be a clear process for approval of exploration plans, oil spill response plans, and applications for permits to drill based on performance standards alone. The regulations should not impose or allow for a requirement that specific equipment is under contact -- under contract prior to plan approval.

ConocoPhillips encourages cooperative engagement on these and related issues. We believe that thorough discussions on technical capabilities and the likely impacts of proposed regulations should proceed carefully and transparently. This will ensure that the result is clear, reliable regulations that protect the environment and promote responsible development of American energy

resources.

Thanks very much.

MR. TIM SCHUERCH: Good afternoon.

Thank you for coming to Alaska and having a hearing today.

My name is Tim Schuerch. I also grew up in Alaska,

Mr. Assistant Secretary. When I grew up in Alaska -- I

think we might be close to the same age -- I actually grew

up in Kotzebue, and also in the village of Kiana. I'm

part Alaska Native. And my comments today are along the

lines of an echo of what was the concern raised by Ken

Gallahorn a few minutes ago, who is the Chief Operating

Officer of the Northwest Arctic Borough, and that is the

local municipal borough government just south of the lease

area based in Kotzebue.

And I'd like to thank you, Mr. Assistant
Secretary, for the department's adopting of the tribal
consultation policy in December 1 of 2011 and also the
ANCSA corporation consultation policy on August 10, 2012.

I feel that these two policies are really important to
keep in mind with regard to the -- this particular
proposed and hopefully final rule that you develop. And
the reason is is there are a number of Alaska Native
tribes and Alaska Native corporations whose tribal members
and shareholders are going to be -- who are going to be
substantially and directly affected by these regulations.

The marine mammals that migrate through these areas in or near these lease areas, their migration does not stop at the end of that red area there. They don't stop migrating at Point Hope. They actually round the corner at Point Hope and they keep going south. They follow the coastline. The tribal members and the Native corporation shareholders rely on these marine mammals for their subsistence to this date, just as they did when you were growing up here in Alaska.

In some ways life out there hasn't changed a whole lot. Things are still really expensive out in the Bush. The economic reality is milk is still \$10 a gallon, which is also often the price of fuel oil. It's really expensive to live out there. People that live in these communities still rely on fishing and hunting, including the hunting of marine mammals for their subsistence, including the bowhead whales, the walruses, the beluga whales.

And it's a concern, I think, to some of these communities, as Ken alluded to a few minutes ago, that they don't feel like they are being included in the process. There tends to be decent consultation by the government and also by industry with the communities, including the tribes and Native corporations in that region, but these other regions are affected, as well. So

we would like you to keep in mind that these other Native corporations and these other tribes also need to be fully consulted in the process.

Perhaps you would want to get a list together of those tribes and Native corporations and make sure they are all sent notices of any hearings or notices of any proposed rule making, anything you put out in the Federal Register. Thank you.

MR. MICHAEL HALLER: Mr. Secretary, ladies and gentlemen, that is -- that concludes the formal remarks, and we can go to open floor, if you would like.

MR. TOMMY BEAUDREAU: So let me just say how much I appreciate everyone who gave a lot of thought to remarks, typed them out, prepared them and then had the courage to come up and deliver them. That is not an easy thing to do. And it does take courage. And so I very much admire and respect everyone who did that. And we got a lot of good input through that. And so we do have remaining time, though, as I expected we would and hoped we would.

And so if as you have sat there and you have heard comments or you have heard any of us speak, if something has occurred to you that you want to raise, we have time to do that. And so you should feel free to do that. If there is anything else you want to discuss or

questions you have, we have time, you know, for just informal discussion now, as well. And so I open it back up. And if you have anything, you can just raise your hand and then we will --

MR. LUCAS FRANCES: Lucas Frances with Shell Exploration. Just about time line, you have got a box there kind of outlining your approach. Do you have an expected time frame of delivery?

MR. TOMMY BEAUDREAU: Yes. What we would like to do -- and this is aspirational, but our timeline is to try to have a set of proposed rules. And again, they are only proposed rules. They would go through a notice of comment. There would be opportunity to review and comment specifically on the proposed rules, but we are hoping to actually issue those by the end of this year. That sounds like a lot of time, but for those of you who are familiar with the federal process, that's actually a pretty aggressive timeline for rule making. But that's what we try to align ourselves to do.

DR. JIM KENDALL: It might be easier to come to the mike. We are trying to record these so we don't lose the comments. And if people want to move forward, please.

MS. LOIS EPSTEIN: Lois Epstein. So it's actually a follow-up question about the timeline. In the

Thanks for that.

process of you hearing from the public that there are some needs that obviously are important and big and might take much more, what does that do to your aggressive schedule? Will there be statements over the next few months about the kinds of things that you are working on so that we are all better informed about your thinking as they develop?

MR. TOMMY BEAUDREAU:

And again, this is part of the whole point is to get, you know, input and to hear things that we might not have thought of ourselves. So we do have to go into a process with open minds on all that. And so we have goals for ourselves. But we do need to consider issues as they come up. And we will have to make judgments about how we address these issues. I mean, depending on what we think of and what we hear and how things unfold as we are actually putting pen to paper and writing these regulations, we may have to make judgments about what should go into this rule making, what should be further developed potentially in future regulation. And so all of that is very much open to us.

I think, you know, as regulators we certainly view the world this way, and I think -- and I think even industry does, as well. But there is a continuous process that needs to be informed by experience as we go. And so it's really important to us to establish standards,

establish rules, codify requirements, but that doesn't mean, you know, there is no further thought being given to additional standards or requirements based on experience. So we will have to make some judgments about how to do that.

On the one hand, we do want to provide regulatory certainty. On the other hand -- and we have seen this in our regulations in the Gulf of Mexico -- things become outdated over time and need improvement. So we will see how things unfold is basically what I'm saying. But we haven't made any final judgments about -- about that.

Any other questions or points or --

MR. TOM LOHMAN: My name is Tom Lohman.

I've been with the North Slope Borough 26 years. I'm not speaking for the borough today. I remember Daniel -- and it's good to see you, Daniel -- when he was a little kid in Barrow. I just want to respond to a couple of points I heard. First, somebody said that a bunch of wells have been drilled in the Beaufort and Chukchi and that they were done without any effects. That may be true in terms of the lack of oil spills and oil releases, but there were significant effects on whaling in some of those communities. I forget which prospect it was. I think Cabot, which was north and east of Barrow, and they didn't

get a whale that year in the fall that they were operating. I know Kaktovik had a couple of years in the late '80s when they didn't see whales and they didn't get whales. And this was -- they didn't see whales and they didn't get whales. But they went way, way out under very dangerous Arctic conditions to try to get whales. Those are effects that don't get reported anywhere, but they are very significant to folks in the community.

And those argue for things like area exclusions from leasing. We have argued for years that you don't just exclude the areas that are identified as subsistence harvest areas for whales. You have to exclude the areas, what I guess we could call upstream in the fall migration. Areas of influence is what we have called them, areas within which, if you have facilities, you have the potential to deflect migrating whales beyond the safe reach of whalers.

So those are point we've made for years. And a lot of what I've heard today is what's old is new again in terms of industry capabilities. Again, we heard talk about clear regulations, about performance standards. And I argue, how do you have performance standards when you don't have performance demonstrations? And we have been arguing for as long as I have been with the borough and before for a realistic oil spill response demonstration

under Arctic conditions. We have heard from a number of folks that we have yet to see that. And I believe, along with, I think, a lot of my colleagues on the Slope, that they just can't do it with mechanical means.

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There was a big push in the late '80s for dispersants as the be all and end all of oil spill That kind of went away when they did a couple response. of demonstrations of deployment technology and things froze up and didn't work as planned. In situ burning, I haven't seen my friend Al Al Allen [ph] for quite a while, but Al was the guy who was saying dispersants were the answer to everything; and then things shifted, and now he's back saying in situ is the answer to everything. Now regulations require that you have mechanical cleanup capability. And Shell, as I guess I would under their circumstances, argues that they can clean things up with mechanical means, and I just honestly don't think they can.

With respect to Shell -- and we are in a good place with Shell now on the North Slope. But just once I'd like to hear Shell acknowledge that they really messed up early on in their tenure after Lease Sale 193. At the same Lease Sale 193, Statoil bought some tracts and got control of a couple areas, and they were very quick to slide over across the room and say you are not going to

see us up there for a couple years. We are going to do our homework. Shell was at the Open Water meeting the next spring and they wanted their permits by that August for a three-year exploration program.

If you want to scare the bejesus out of a subsistence community, you talk about three years of exploration in the Beaufort and the Chukchi and a flotilla of 10 or 20 ships and we want all our permits in place in six months. That's -- Shell has learned its lessons.

We've learned our lessons in terms of how to deal with that onslaught of permitting activity and industry activity. But that's another point.

The impacts that we are seeing on the Slope just of the attention to the Arctic -- you guys are going up tomorrow. The State is going up with the Alaska Arctic something commission. There is meeting overload. You have heard of that. You will hear it from the folks in the Northwest Arctic Borough, as well. Everybody has got their Arctic initiative. We're not quite sure how it all ties together. We're not quite sure who to talk to and what's going to end up as policy. It's great to see that you are talking about final regulations, actual -- a product. That's a great thing, that we are going to see a product.

Another thing we have talked about -- and I'll

try to wrap up. We argued in our comments on the five-year plan. And this gets to the question of whether you should lease, whether you shouldn't lease. And something I didn't hear today, the issue of data gaps. How do you assess what the potential impact on an area is if you don't know what's out there? And what's out there is almost certainly changing rapidly and unpredictably with climate change.

And one thing we argued in our comments on the five-year plan was everybody is concerned about if you don't hold your lease sales in the Arctic until the end of the current five-year plan, '16'/'17, that you are effectively delaying new activity for eight or ten years. If you take Shell's five years of failed operations since they bought their leases and you tack that onto '16 or '17, you are out to '20, '21, '22 before you have a new round of activity, perhaps. And I don't buy all that because you have got other leaseholders out there.

But if you look at that, we argued, fine, move the lease sales up. Have one in each, Beaufort, Chukchi, have them as soon as you can in the five-year program, but add to that a requirement that mirrors what BLM has done, your sister agency in Interior, within the NPR-A. We can talk about NPR-A for a long time, too. And that's required for certain resources in certain areas,

multi-year site-specific preactivity study. So you are making your decisions, when it comes time to issue permits, on the best available site-specific information on a particular area.

One of the things we always hear from the agencies, whether it's onshore or offshore, is that you can't know everything in an area as vast as the Alaskan OCS or in the onshore context within the NPR-A. There is no way for an agency to know about every area out there. And we agree with that. There are folks in our communities that if you spend time talking to them, they know what's going on on the ground in virtually every area, but nobody has time to do that, apparently.

But what BLM has done for the protection of caribou in certain areas, for waterfowl in certain areas, for fish and hydrology in certain areas is require that a lessee get out there on the ground and spend, depending on the area, three or four years of intensive study in that area before they turn a spade of tundra.

And if you apply that to the OCS -- and I think Shell would have been drilling and would have been drilling successfully. If those measures had been in place in Lease Sale 193 and Shell had been out there studying instead of pushing on all fronts to be drilling, they would have studied, information would have been

gathered, decisions would have been made based on the best available information on a specific area, and you wouldn't have the sort of bottleneck in agencies -- and we are no different than you guys. There were bottlenecks. There are very few people who operate in these agencies with Arctic expertise who can review the onslaught of information that was thrown at us by Shell, by Conoco, and by the other operators.

So I don't know if my mayor, who you are going to talk to tomorrow in Barrow, would continue to advocate for the position we took in the five-year plan, but you can ask her directly. But those kind of provisions that require you to get out there on the ground and study before you actually do any operations I think would go a long way to answering the data gap questions, which again, we haven't heard today, but I think are really, really significant.

And I guess with that, I'll be quiet. That's it for now.

MR. DANIEL LUM: Daniel Lum again. I'm not so nervous. Sorry about earlier. Like three or four years ago, Shell had -- it was during MMS meetings at that time, they had indicated that they could, through mechanical recovery, recover 95 percent of any spilled oil at the lease site sales of 193. I -- I would propose to

you that might be exactly opposite, if they could even get five percent.

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BSEE has no public comment process for the oil spill plans or permits. It's like we don't want the public involved in this because there is no oil spill response. The emperor has no clothes. There is no oil spill response. But all this bureaucracy is occurring trying to -- we are here getting your input and we value your comments, and while we study, the emperor has no clothes because there is no spill response. If there was, Shell would have shown us. You guys would have shown us you could at least contain something, but the reality is they can't contain anything. So we even have a -- we have this whole oil spill program under BSEE, which has no public input or comments or process. You leave the public out of the process because you don't want to deal with the reality that there is no spill response.

Secondly, on these recent seismic permits, we have got TGS, SAE, and I forget who is doing Shell's seismic in the Chukchi. And you guys piecemeal with blinders each little project in the environmental assessment and the EIS process. You have got blinders on, but what you fail -- what the government has failed to do is look cumulatively at the impacts because it's going from the Russian line all the way up to Barrow and the

Beaufort side, and we have even got seismic going on this year -- upcoming next two years in Canada and in Russia.

So throughout that whole range we have got massive seismic exploration, which several species of marine mammals go through, but we have not a single cumulative study on it because maybe the government doesn't want to hear it, just like they don't want to hear there is no spill response. Shell, can you prove to us that you can respond to a spill response in any capacity? Wouldn't you have shown us by now if you could in any capacity? I have been beating the same drum for years because there is no spill response.

All these corporations are gambling with our subsistence, and a lot of people just want to see what they can and can't do. It's only logical to insist that they demonstrate their capabilities and then mold development around those safety spill response capabilities. But instead, it's all on paper. It's all theoretical. It's all being tested in protected bays by Valdez. So the reality of a spill response is there is none. And BSEE, by omitting the public from the process, has essentially closed their ears. And to reiterate, we need a cumulative analysis of all the development instead of just little pieces.

Thank you again.

1 MR. MICHAEL HALLER: Thank you, Daniel.

MR. TOMMY BEAUDREAU: Anyone else or any

other thoughts or --

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MR. TED ROCKWELL: My name is Ted Rockwell, and I'm an Alaskan resident. And I'd just like to share an observation for an opportunity that I think you have. We are hearing the need for information about oil spill response here in the Arctic. And I know that BSEE -- I think it's BSEE -- has the beginning of a process to establish a joint industry partnership looking at an intentional oil spill in OCS waters. I don't think that there is anything that identifies where they are thinking about that taking place. But I'd suggest that when the time comes to make those kinds of decisions, this testimony be taken into consideration. And if there is only one, I'd recommend it certainly be in the Arctic. And if there can be more than one, then I think certainly the Gulf of Mexico and elsewhere is an opportunity. think it's an opportunity that you have to directly address the comments that you are hearing.

Thank you.

MR. TOMMY BEAUDREAU: Anyone else?

Okay. Well, you have certainly given us a lot of chew on and a lot to think about, which was what we had hoped for. So thank you very much. You know, we will take back what

we heard. And thanks to the most important person in the room, Mary, who took everything down. We will be able to sort of sit down and think through the issues that have been presented to us.

And again, as I said in the outset, anytime you go through a process like this, you know, folks will have questions about why you make the decisions that you make. We are bound not to please everyone through the process. It's almost our specialty. It's impossible for us to do that. But what I do want us to be able to do and what I do demand of us is being responsive and accountable and answer people's questions. So even if we can't always make decisions totally in line with what each of us believes, I do think we have to be responsive to people and we have to be accountable, and that's the type of process that we are trying to engage in here.

So again, thank you very much for taking time to meet with us. I do have tremendous respect for everybody who has participated. This is democracy at work. I apologize for some of the formality that has to go along with that, but again, there is reasons for that, too. So thank you very much, and have a great afternoon.

(Proceedings adjourned at 12:28 p.m.)

REPORTER'S CERTIFICATE 1 I, MARY A. VAVRIK, RMR, Notary Public in and for 2 3 the State of Alaska do hereby certify: 4 That the foregoing proceedings were taken before 5 me at the time and place herein set forth; that the proceedings were reported stenographically by me and later 6 7 transcribed under my direction by computer transcription; 8 that the foregoing is a true record of the proceedings 9 taken at that time; and that I am not a party to nor have I any interest in the outcome of the action herein 10 11 contained. 12 IN WITNESS WHEREOF, I have hereunto subscribed 13 my hand and affixed my seal this ____ day of 2013. 14 15 16 MARY A. VAVRIK 17 Registered Merit Reporter Notary Public for Alaska 18 19 My Commission Expires: November 5, 2016 20 21 22

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