

**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]  
**From:** Christopher Putnam  
**Sent:** 2018-06-05T13:35:24-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Shape file  
**Received:** 2018-06-05T13:43:13-04:00  
[Arctic59-1-31.pdf](#)

Hi Sue,

It looks like the Arctic NWR coastal plain polar bear denning habitat estimate hasn't changed since the 2006 USGS publication (attached). The shapefile you already have that expresses the denning habitat as a linear feature is the current model.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jun 4, 2018 at 6:43 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher  
I was just wondering if you had any luck with the shapefile?  
Sue

Sent via the Samsung Galaxy S7, an AT&T 4G LTE smartphone

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Suzan Simonds  
**Sent:** 2018-06-05T13:38:08-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Shape file  
**Received:** 2018-06-05T13:39:07-04:00

Thank you.

Sent via the Samsung Galaxy S7, an AT&T 4G LTE smartphone

----- Original message -----

From: Christopher Putnam <christopher\_putnam@fws.gov>  
Date: 6/5/18 11:35 AM (GMT-07:00)  
To: Suzan Simonds <ssimonds@contractor.saexploration.com>  
Subject: Re: [EXTERNAL] Shape file

Hi Sue,

It looks like the Arctic NWR coastal plain polar bear denning habitat estimate hasn't changed since the 2006 USGS publication (attached). The shapefile you already have that expresses the denning habitat as a linear feature is the current model.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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On Mon, Jun 4, 2018 at 6:43 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

I was just wondering if you had any luck with the shapefile?

Sue

Sent via the Samsung Galaxy S7, an AT&T 4G LTE smartphone

**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]  
**Cc:** MarshCreekPermitting@saexploration.com[MarshCreekPermitting@saexploration.com]  
**From:** Christopher Putnam  
**Sent:** 2018-06-07T16:46:11-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] petition application  
**Received:** 2018-06-07T16:47:24-04:00

Hi Sue,

Thanks. We received the petition and supporting documents. We'll start reviewing them right away and contact you to set up a meeting to discuss any questions.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Thu, Jun 7, 2018 at 12:32 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

Please see attached petition and supporting documents requesting USFW to issue incidental take regulations for the non-lethal unintentional taking of a small number of polar bears. At your convenience we would like to set up a meeting with you and or your group to answer any questions you may have concerning the petition or the supporting documents. Please acknowledge the receipt of this package.

Thank you

Sue Simonds

Permits and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)

8240 Sandlewood Place

Anchorage, Alaska 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

[saexploration.com](http://saexploration.com)

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**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Suzan Simonds  
**Sent:** 2018-06-12T21:15:21-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Checking in  
**Received:** 2018-06-12T21:15:26-04:00

Yes ,  
Thank you Christopher, just let me know.  
Sue

Sent via the Samsung Galaxy S7, an AT&T 4G LTE smartphone

----- Original message -----

From: Christopher Putnam <christopher\_putnam@fws.gov>  
Date: 6/12/18 5:57 PM (GMT-07:00)  
To: Suzan Simonds <ssimonds@contractor.saexploration.com>  
Subject: Re: [EXTERNAL] Checking in

Hi Sue,  
We're still reviewing the petition. We'll take the rest of this week to look over the petition materials and then set up a meeting with you to discuss any questions or clarifications. I'll be out of town on Tuesday and Wednesday next week, so we can meet Monday, Thursday, or Friday. Do any of those days work for you?

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Tue, Jun 12, 2018 at 11:56 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

Just checking in on the review of the petition. Has it been accepted?

Suzan Simonds

Permit and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

8240 Sandlewood Pl., Suite 102

Anchorage, AK 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Suzan Simonds  
**Sent:** 2018-06-13T13:35:39-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Checking in  
**Received:** 2018-06-13T13:36:03-04:00

Hi Christopher

I checked with everyone and Monday will work. I will call you in a bit

Suzan Simonds  
Permit and Regulatory Manager  
SAExploration, Inc.  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

---

**From:** Christopher Putnam <christopher\_putnam@fws.gov>  
**Sent:** Tuesday, June 12, 2018 3:56 PM  
**To:** Suzan Simonds  
**Subject:** Re: [EXTERNAL] Checking in

Hi Sue,

We're still reviewing the petition. We'll take the rest of this week to look over the petition materials and then set up a meeting with you to discuss any questions or clarifications. I'll be out of town on Tuesday and Wednesday next week, so we can meet Monday, Thursday, or Friday. Do any of those days work for you?

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

0000013710



"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Tue, Jun 12, 2018 at 11:56 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

Just checking in on the review of the petition. Has it been accepted?

Suzan Simonds  
Permit and Regulatory Manager  
**SAExploration, Inc.**  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]  
**From:** Christopher Putnam  
**Sent:** 2018-06-13T14:59:03-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Monday Morning 10 am  
**Received:** 2018-06-13T14:59:26-04:00

Ok, thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Wed, Jun 13, 2018 at 10:20 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Christopher

Rick will send out the meeting notice, My darn email is not working right to send out the teleconference.

Suzan Simonds  
Permit and Regulatory Manager  
SAExploration, Inc.  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (kimberly\_klein@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon Jun 18, 2018 2pm – 3pm Alaska Time

USFWS, 1011 E Tudor Rd, MMM Conference Room

([map](#))

Video call

[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

[her-putnam](#)

Calendar

[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)

Who

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[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)  
[ssimonds@saexploration.fws.gov](mailto:ssimonds@saexploration.fws.gov)  
[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)  
[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)  
[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)  
[rtrupp@saexploration.fws.gov](mailto:rtrupp@saexploration.fws.gov)  
[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov) because you are subscribed for invitations on calendar [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

0000013713

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (rtrupp@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

When Mon 2018-06-18 14:00 – 15:00 Alaska Time  
Where USFWS, 1011 E Tudor Rd, MMM Conference Room ([map](#))  
Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)  
Calendar rtrupp@saexploration.com  
Who

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- patrick\_lemons@fws.gov
- forrest\_hannan@fws.gov
- ssimonds@saexploration.com
- rtrupp@saexploration.com

Conference Call Number: 1-866-730-2536

Passcode: 8757864

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account rtrupp@saexploration.com because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT)  
(ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

When Mon 2018-06-18 14:00 – 15:00 Alaska Time  
Where USFWS, 1011 E Tudor Rd, MMM Conference Room ([map](#))  
Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)  
Calendar ssimonds@saexploration.com  
Who

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- patrick\_lemons@fws.gov
- forrest\_hannan@fws.gov
- ssimonds@saexploration.com
- rtrupp@saexploration.com

Conference Call Number: 1-866-730-2536

Passcode: 8757864

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account ssimonds@saexploration.com because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 14:00 - 15:00 (AKDT) (bridget\_crokus@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon Jun 18, 2018 14:00 – 15:00 Alaska Time

Video call

USFWS, 1011 E Tudor Rd, MMM Conference Room  
([map](#))  
[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher\\_putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher_putnam)

Calendar

[her-putnam](#)  
bridget\_crokus@fws.gov

Who

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christopher\_putnam@fws.gov  
bridget\_crokus@fws.gov  
rtrupp@saexploration.fws.gov  
kimberly\_klein@fws.gov  
forrest\_hannan@fws.gov  
patrick\_lemons@fws.gov  
ssimonds@saexploration.fws.gov

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account bridget\_crokus@fws.gov because you are subscribed for invitations on calendar bridget\_crokus@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

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0000013716

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (patrick\_lemons@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon Jun 18, 2018 2pm – 3pm Alaska Time

USFWS, 1011 E Tudor Rd, MMM Conference Room

([map](#))

Video call

[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher\\_putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher_putnam)

[her-putnam](#)

Calendar

patrick\_lemons@fws.gov

Who

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christopher\_putnam@fws.gov  
ssimonds@saexploration.gov  
rtrupp@saexploration.gov  
bridget\_crokus@fws.gov  
forrest\_hannan@fws.gov  
kimberly\_klein@fws.gov  
patrick\_lemons@fws.gov

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account patrick\_lemons@fws.gov because you are subscribed for invitations on calendar patrick\_lemons@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

0000013717

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (forrest\_hannan@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon Jun 18, 2018 2pm – 3pm Alaska Time

Video call

USFWS, 1011 E Tudor Rd, MMM Conference Room  
([map](#))  
[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher\\_putnam@fws.gov](https://hangouts.google.com/hangouts/_/doi.gov/christopher_putnam@fws.gov)

Calendar

[her-putnam@fws.gov](#)  
forrest\_hannan@fws.gov

Who

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christopher\_putnam@fws.gov  
rtrupp@saexploration.fws.gov  
ssimonds@saexploration.fws.gov  
bridget\_crokus@fws.gov  
forrest\_hannan@fws.gov  
kimberly\_klein@fws.gov  
patrick\_lemons@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account forrest\_hannan@fws.gov because you are subscribed for invitations on calendar forrest\_hannan@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)



**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (sheyna.wisdom@fairweather.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon Jun 18, 2018 2pm – 3pm Alaska Time

USFWS, 1011 E Tudor Rd, MMM Conference Room

([map](#))

Video call

[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

[her-putnam](#)

Calendar

sheyna.wisdom@fairweather.com

Who

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christopher\_putnam@fws.gov  
patrick\_lemons@fws.gov  
kimberly\_klein@fws.gov  
sheyna.wisdom@fairweather.com  
rtrupp@saexploration.gov  
ssimonds@saexploration.gov  
bridget\_crokus@fws.gov  
forrest\_hannan@fws.gov

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account sheyna.wisdom@fairweather.com because you are subscribed for invitations on calendar sheyna.wisdom@fairweather.com.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

0000013719

**From:** Rick Trupp  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** [EXTERNAL] Accepted: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18  
14:00 - 15:00 (AKDT) (rtrupp@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00

**From:** Google Calendar  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** [EXTERNAL] Accepted: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (christopher\_putnam@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

ssimonds@saexploration.com has accepted this invitation.

**Arctic NWR SAE Seismic ITR Meeting**

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When  
Where

Mon 2018-06-18 14:00 – 15:00 Alaska Time

USFWS, 1011 E Tudor Rd, MMM Conference Room

([map](#))

Video call

[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam@fws.gov](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam@fws.gov)

[her-putnam@fws.gov](#)

Calendar

christopher\_putnam@fws.gov

Who

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christopher\_putnam@fws.gov  
kimberly\_klein@fws.gov  
bridget\_crokus@fws.gov  
patrick\_lemons@fws.gov  
forrest\_hannan@fws.gov  
ssimonds@saexploration.com  
rtrupp@saexploration.com  
sheyna.wisdom@fairview.gov

Invitation from [Google Calendar](#)

You are receiving this email at the account christopher\_putnam@fws.gov because you are subscribed for invitation replies on calendar christopher\_putnam@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** Janowski, Tyler  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** [EXTERNAL] Accepted: FW: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00

**To:** Dick Schideler[dick.shideler@alaska.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-14T18:51:53-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] RE: Human / Brown Bear Interaction Management Question  
**Received:** 2018-06-14T18:53:10-04:00

Thanks Dick, that's very helpful. Have a good trip.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Thu, Jun 14, 2018 at 2:16 PM Shideler, Richard T (DFG) <[dick.shideler@alaska.gov](mailto:dick.shideler@alaska.gov)> wrote:

Christopher,

I would recommend that the same mitigation measures used in state lease sales and projects (e.g., den buffer, requirement for Bear Interaction Plan) be at a minimum required in the 1002 area. Our state comments on the draft EIS reflect this. We also mentioned avoiding another "Deadhorse east" so that any new support industry enclaves go through a hefty scoping and mitigation process. We never had the chance to do that at Deadhorse since it was already up and running when we started. Landfills should be fenced with bearproof fences, and all the waste management stream should be in bearproof bins, including construction waste. The latter is a major issue now at Deadhorse. There are good bearproof bins for putrescibles, but the abundance of food remains in the open construction waste (plywood, metal, oily waste) create a strong attractant because people fail to use the bearproof ones. By having them all bearproof, there will be no chance for "mistakes."

All I can think of off the top of my head. Tomorrow I'm heading up the Dalton to Deadhorse for 3 weeks. If I think of anything else I'll get in touch.

Cheers,

Dick

Richard Shideler

Division of Wildlife Conservation

Alaska Department of Fish & Game

1300 College Road

Fairbanks, AK 99701

Tel. 907-459-7283; FAX 907-459-7332

IUCN Bear Specialist Group

Human-Bear Conflict Team

**From:** Christopher Putnam [mailto:[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)]  
**Sent:** Thursday, June 14, 2018 2:02 PM  
**To:** Shideler, Richard T (DFG); Jim Wilder  
**Subject:** Human / Brown Bear Interaction Management Question

Hi Dick,

There is an internal planning meeting coming up about best management practices, mitigation measures, and lease stipulations for the proposed lease sale in the Arctic NWR coastal plain. I'll be attending to offer information on polar bears, human interactions, and MMPA issues. I think there's an opportunity to integrate brown bear BMPs, mitigation measures, and lease stipulations with the polar bear information for this planning process to provide information so that both bear species, and their interactions with humans and human activities, are managed in a more consistent and coordinated manner in the Arctic NWR coastal plain. We might avoid another situation like what has developed in the Deadhorse area with brown bears.

Do you have any ideas along these lines you'd like to share? I also wonder if there are documents or publications you recommend that I might reference to support recommending specific BMPs, mitigation measures, and lease stipulations? Any thoughts you have to share are greatly appreciated. Thanks.

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

1011 East Tudor Rd, MS 341

Anchorage, AK 99503-6199

907-786-3844 office

907-268-0577 mobile

907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

**From:** Imm, Teresa  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** [EXTERNAL] Declined: FW: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00



**To:** timm@asrc.com[timm@asrc.com]  
**Cc:** Rick Trupp[rtrupp@saexploration.com]; Suzan Simonds[ssimonds@contractor.saexploration.com]; tjanowski@asrc.com[tjanowski@asrc.com]; christopher\_putnam@fws.gov[christopher\_putnam@fws.gov]  
**From:** Jeff Hastings  
**Sent:** 2018-06-16T00:29:10-04:00  
**Importance:** Normal  
**Subject:** [EXTERNAL] Re: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Received:** 2018-06-16T00:29:22-04:00

Rock and Sheyna will be attending. This one is just a working review of the ITR application.

Regards

Jeff Hastings  
Chairman and Chief Executive Officer  
SAExploration Inc.  
[Jhastings@saexploration.com](mailto:Jhastings@saexploration.com)

907 229 0150  
250 300 0403  
Sent from my iPhone

On Jun 15, 2018, at 5:37 PM, Imm, Teresa <[timmm@asrc.com](mailto:timmm@asrc.com)> wrote:

All,

I am in Barrow on Monday for an ASRC Board Meeting and won't be able to attend or to call into this meeting.

Regards,  
Teresa

-----Original Appointment-----

**From:** Imm, Teresa  
**Sent:** Friday, June 15, 2018 4:34 PM  
**To:** '[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)'  
**Subject:** Declined: FW: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) ([ssimonds@saexploration.com](mailto:ssimonds@saexploration.com))  
**When:** Monday, June 18, 2018 2:00 PM-3:00 PM (UTC-09:00) Alaska.  
**Where:** USFWS, 1011 E Tudor Rd, MMM Conference Room

**From:** Suzan Simonds  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room  
**Importance:** Normal  
**Subject:** [EXTERNAL] Accepted: Invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18  
14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (forrest\_hannan@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

**This event has been changed.**  
[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**  
Conference Call Number: 1-866-730-2536

Passcode: 8757864

When	Mon Jun 18, 2018 2pm – 3pm Alaska Time
Where	<b>Changed:</b> USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ( <a href="#">map</a> )
Video call	<a href="https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam">https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam</a>
Calendar	forrest_hannan@fws.gov
Who	

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christopher\_putnam@  
kimberly\_klein@fws.g  
forrest\_hannan@fws.  
bridget\_crokus@fws.g  
ssimonds@saexplora  
sheyna.wisdom@fairv  
patrick\_lemons@fws.  
rtrupp@saexploration

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account forrest\_hannan@fws.gov because you are subscribed for updated invitations on calendar forrest\_hannan@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (kimberly\_klein@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

**This event has been changed.**  
[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**  
Conference Call Number: 1-866-730-2536

Passcode: 8757864

When	Mon Jun 18, 2018 2pm – 3pm Alaska Time
Where	<b>Changed:</b> USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ( <a href="#">map</a> )
Video call	<a href="https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam">https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam</a>
Calendar	kimberly_klein@fws.gov
Who	

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christopher\_putnam@fws.gov  
rtrupp@saexploration.fws.gov  
sheyna.wisdom@fairbanks.fws.gov  
patrick\_lemmons@fws.gov  
bridget\_crokus@fws.gov  
ssimonds@saexploration.fws.gov  
kimberly\_klein@fws.gov  
forrest\_hannan@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for updated invitations on calendar kimberly\_klein@fws.gov.

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**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 14:00 - 15:00 (AKDT) (bridget\_crokus@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

**This event has been changed.**  
[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**  
Conference Call Number: 1-866-730-2536

Passcode: 8757864

When	Mon Jun 18, 2018 14:00 – 15:00 Alaska Time
Where	<b>Changed:</b> USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ( <a href="#">map</a> )
Video call	<a href="https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam">https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam</a>
Calendar	bridget_crokus@fws.gov
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christopher\_putnam@fws.gov  
sheyna.wisdom@fairbanks.fws.gov  
bridget\_crokus@fws.gov  
ssimonds@saexploration.fws.gov  
forrest\_hannan@fws.gov  
rtrupp@saexploration.fws.gov  
patrick\_lemons@fws.gov  
kimberly\_klein@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

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**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (patrick\_lemons@fws.gov)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

**This event has been changed.**  
[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**  
Conference Call Number: 1-866-730-2536

Passcode: 8757864

When	Mon Jun 18, 2018 2pm – 3pm Alaska Time
Where	<b>Changed:</b> USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ( <a href="#">map</a> )
Video call	<a href="https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam">https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam</a>
Calendar	patrick_lemons@fws.gov
Who	

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christopher\_putnam@fws.gov  
forrest\_hannan@fws.gov  
ssimonds@saexploration.fws.gov  
sheyna.wisdom@fairview.fws.gov  
bridget\_crokus@fws.gov  
kimberly\_klein@fws.gov  
rtrupp@saexploration.fws.gov  
patrick\_lemons@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account patrick\_lemons@fws.gov because you are subscribed for updated invitations on calendar patrick\_lemons@fws.gov.

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**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (rtrupp@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

This event has been changed.  
[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

**When** Mon 2018-06-18 14:00 – 15:00 Alaska Time  
**Where** **Changed:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ([map](#))  
**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)  
**Calendar** [rtrupp@saexploration.com](#)  
**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- patrick\_lemons@fws.gov
- forrest\_hannan@fws.gov
- ssimonds@saexploration.com
- rtrupp@saexploration.com
- sheyna.wisdom@fairweather.com

Conference Call Number: 1-866-730-2536

Passcode: 8757864

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account rtrupp@saexploration.com because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

This event has been changed.  
[more details »](#)

### Arctic NWR SAE Seismic ITR Meeting

When Mon 2018-06-18 14:00 – 15:00 Alaska Time  
Where **Changed:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ([map](#))  
Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam/ssimonds@saexploration.com](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam/ssimonds@saexploration.com)  
Calendar [ssimonds@saexploration.com](#)  
Who

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- patrick\_lemons@fws.gov
- forrest\_hannan@fws.gov
- ssimonds@saexploration.com
- rtrupp@saexploration.com
- sheyna.wisdom@fairweather.com

Conference Call Number: 1-866-730-2536

Passcode: 8757864

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account ssimonds@saexploration.com because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

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**From:** christopher\_putnam@fws.gov  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon Jun 18, 2018 2pm - 3pm (AKDT) (sheyna.wisdom@fairweather.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00  
[invite.ics](#)

**This event has been changed.**  
[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**  
Conference Call Number: 1-866-730-2536

Passcode: 8757864

When	Mon Jun 18, 2018 2pm – 3pm Alaska Time
Where	<b>Changed:</b> USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ( <a href="#">map</a> )
Video call	<a href="https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam">https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam</a>
Calendar	sheyna.wisdom@fairweather.com
Who	

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christopher\_putnam@fws.gov  
kimberly\_klein@fws.gov  
patrick\_lemons@fws.gov  
ssimonds@saexploration.gov  
rtrupp@saexploration.gov  
bridget\_crokus@fws.gov  
sheyna.wisdom@fairweather.com  
forrest\_hannan@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

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**To:** elephantnut@gmail.com[elephantnut@gmail.com];  
kimberly\_klein@fws.gov[kimberly\_klein@fws.gov]; bridget\_crokus@fws.gov[bridget\_crokus@fws.gov];  
patrick\_lemons@fws.gov[patrick\_lemons@fws.gov]; forrest\_hannan@fws.gov[forrest\_hannan@fws.gov];  
ssimonds@saexploration.com[ssimonds@saexploration.com];  
rtrupp@saexploration.com[rtrupp@saexploration.com];  
sheyna.wisdom@fairweather.com[sheyna.wisdom@fairweather.com]  
**From:** Google Calendar  
**Sent:** 2018-06-18T15:56:10-04:00  
**Importance:** Normal  
**Subject:** Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (christopher\_putnam@fws.gov)  
**Received:** 2018-06-18T15:56:15-04:00

**This event has been changed.**

[more details »](#)

**Arctic NWR SAE Seismic ITR Meeting**

Conference Call Number: 1-866-730-2536

Passcode: 8757864

When Mon 2018-06-18 14:00 – 15:00 Alaska Time

Where **Changed:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office ([map](#))

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-put](https://hangouts.google.com/hangouts/_/doi.gov/christopher-put)

Calendar christopher\_putnam@fws.gov

Who

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- patrick\_lemons@fws.gov
- forrest\_hannan@fws.gov
- ssimonds@saexploration.com
- rtrupp@saexploration.com
- sheyna.wisdom@fairweather.com

Invitation from [Google Calendar](#)

You are receiving this email at the account elephantnut@gmail.com because you are subscribed for updated invitations on calendar christopher\_putnam@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** Suzan Simonds  
**Location:** USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** [EXTERNAL] Accepted: Updated invitation: Arctic NWR SAE Seismic ITR Meeting @ Mon 2018-06-18 14:00 - 15:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-06-18T18:00:00-04:00  
**End Date/Time:** 2018-06-18T19:00:00-04:00

When: Jun 18, 2018 4:00:00 PM

Where: USFWS, 1011 E Tudor Rd, MMM Conference Room, FWS-FW7 Mary Smith Media Center/Regional Office

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Suzan Simonds  
**Sent:** 2018-06-18T18:02:08-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Meeting  
**Received:** 2018-06-18T18:02:19-04:00

We are on the line

Suzan Simonds  
Permit and Regulatory Manager  
SAExploration, Inc.  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

---

**From:** Christopher Putnam <christopher\_putnam@fws.gov>  
**Sent:** Monday, June 18, 2018 12:03 PM  
**To:** Suzan Simonds  
**Subject:** Re: [EXTERNAL] Meeting

I reserved a different room for the meeting. The system automatically sends out any changes.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jun 18, 2018 at 12:00 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>

0000013738

wrote:

Christopher what changed with the meeting?

Sent via the Samsung Galaxy S7, an AT&T 4G LTE smartphone

**To:** Sheyna Wisdom[sheyna.wisdom@fairweather.com]; Rick Trupp[rtrupp@saexploration.com];  
Suzan Simonds[ssimonds@saexploration.com]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-06-18T20:22:20-04:00  
**Importance:** Normal  
**Subject:** USFWS questions regarding Arctic NWR 1002 seismic surveys  
**Received:** 2018-06-18T20:22:59-04:00  
[SAE Polar Bear Interaction and Avoidance Plan\\_060718\\_FWS Qs and comments.pdf](#)  
[Plan of Cooperation\\_V4\\_FWS Qs and comments.pdf](#)  
[MarshCreek\\_ProductionFlow\\_FWS Qs.pdf](#)  
[SAE Marsh Creek ITR petition\\_6\\_7\\_18\\_FWS Qs and comments.kjk.pdf](#)

Please see the attached request for additional information regarding the SAE request for ITRs in the 1002 area. Please let us know if there are questions. Thank you.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

**To:** Christopher Putnam[christopher\_putnam@fws.gov]; Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Suzan Simonds  
**Sent:** 2018-07-06T17:39:19-04:00  
**Importance:** Normal  
**Subject:** [EXTERNAL] Clarification to USFW questions Document\_v3  
**Received:** 2018-07-06T17:39:33-04:00  
Marsh Creek ITR Questions\_V3.xlsx

Hi Kim

Please see attached document for clarification to your questions. Please call me if you have any questions.

Suzan Simonds  
Permit and Regulatory Manager  
**SAExploration, Inc.**  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-07-06T18:22:16-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Clarification to USFW questions Document\_v3  
**Received:** 2018-07-06T18:22:49-04:00

Received, thank you.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Fri, Jul 6, 2018 at 1:41 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Kim

Please see attached document for clarification to your questions. Please call me if you have any questions.

Suzan Simonds  
Permit and Regulatory Manager  
SAExploration, Inc.  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax



**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]; Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-07-18T15:34:30-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Lethal take of Polar bears  
**Received:** 2018-07-18T15:34:52-04:00

Hi Sue,

I think we need to clarify that we aren't suggesting SAE seek lethal take authorization for polar bears during the proposed seismic survey in the Arctic National Wildlife Refuge. What I was referring to is an intentional take authorization for polar bear deterrence. An intentional take authorization allows designated personnel to take direct actions in order to deter a polar bear. Authorized deterrence methods are all considered "less-lethal", they are effective, and when applied properly will not injure the bear. Some of the methods, however, have the potential to injure or kill a polar bear if used improperly. The designated personnel must be trained and qualified by completing our polar bear deterrence class. The class is usually about eight hours. If you choose to use firearms based deterrents, the designated personnel must be trained and qualified on those firearms. There are many effective techniques and tools to deter polar bears that don't require the use of firearms. If you choose to seek and intentional take authorization, in addition to designating personnel and their training, your polar bear interaction plan must include a detailed deterrence protocol that includes methods and procedures. We can help you with all of this if needed.

Under an incidental take authorization, no intentional disturbance of polar bears is authorized. During the course of conducting the activity described in an incidental take authorization a certain number of incidental takes is allowed. If a polar bear approaches a work area or other human-occupied areas, the only thing personnel can do is get to safety until the bear leaves. With an intentional take authorization, if a polar bear approaches, designated personnel can use approved methods to deter the bear. That basically means doing things that make the bear move away. Intentional take authorizations are intended to provide methods and tools to ensure human and polar bear safety. An intentional take authorization does not allow a polar bear to be deterred for the sake of project convenience or work schedules.

Let me know if you have more questions.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not

wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Fri, Jul 13, 2018 at 2:30 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hello Christopher

I am emailing in regards to your encouragement of applying for lethal take along with an application for non-lethal takes of polar bears.

We would like to know the extra steps and required training for this type of LOA?

Sue Simonds

Permits and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)

8240 Sandlewood Place

Anchorage, Alaska 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

[saexploration.com](http://saexploration.com)

This e-mail may contain information that is confidential or privileged. Do not forward this message to any third party. If you are not the intended recipient, please notify the sender and delete all copies of this e-mail.

**To:** Gina Shultz[gina.shultz@noaa.gov]; Ashley Stilson[Ashley\_Stilson@fws.gov]  
**Cc:** Karen Clark[Karen\_Clark@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]; Patrick Lemons[Patrick\_Lemons@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Diane Bowen[Diane\_Bowen@fws.gov]  
**From:** Hamilton, Charles  
**Sent:** 2018-08-16T20:37:33-04:00  
**Importance:** Normal  
**Subject:** FY19 1st Qtr OMB Reg Report (aka "90-day list")  
**Received:** 2018-08-16T20:38:25-04:00  
[Oct thru Dec draft rept for OMB .docx](#)

Hi Gina and Ashley,

Attached please find information on an MMPA Incidental Take Regulatory Action that has not yet been sent to HQ (so is not yet in DTS) but likely needs to be included in this data call. The request for the RIN had been previously approved.

--

Regards,

Charles S. Hamilton  
Special Assistant  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Rd., MS-341  
Anchorage, AK 99503  
Voice: (907) 786-3804  
FAX: (907) 786 - 3816

**To:** James Wilder[James\_Wilder@fws.gov]; Christopher\_Putnam[Christopher\_Putnam@fws.gov];  
Forrest Hannan[forrest\_hannan@fws.gov]; Kimberly Klein[Kimberly\_Klein@fws.gov]; Charles  
Hamilton[Charles\_Hamilton@fws.gov]; Bridget Crokus[bridget\_crokus@fws.gov]  
**Cc:** Christina HM Pohl[Christina.Pohl@bp.com]; Todd Atwood[tatwood@usgs.gov]  
**From:** Miller, Susanne  
**Sent:** 2018-08-28T18:02:14-04:00  
**Importance:** Normal  
**Subject:** Recent drone study involving polar bears  
**Received:** 2018-08-28T18:02:30-04:00  
[Barnas et al\\_2018.pdf](#)

Thought it might be of interest....please see attached  
Susanne (Susi) Miller, Wildlife Biologist, Polar Bears  
U.S. Fish and Wildlife Service  
Marine Mammals Management  
1011 E. Tudor Road, MS-341  
Anchorage, AK 99503  
Tel. 907-786-3828  
Fax 907-786-3816

**To:** Suzan Simonds[ssimonds@saexploration.com]  
**From:** Putnam, Christopher  
**Sent:** 2018-09-14T18:27:15-04:00  
**Importance:** Normal  
**Subject:** ANWR Seismic Survey ITR Update Meeting Request  
**Received:** 2018-09-14T18:27:41-04:00

Hi Sue,

I'd like to request a meeting for next week to provide an update on the status of the Arctic National Wildlife Refuge coastal plain seismic survey ITR. Some time after Monday will work better for us. We are having some challenges with the analysis of potential impacts to denning polar bears and want to discuss our analysis and possible mitigation options. Please let me know what works for you. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

**To:** Suzan Simonds[ssimonds@contractor.saexploration.com]; Putnam, Christopher[christopher\_putnam@fws.gov]  
**Cc:** Rick Trupp[rtrupp@saexploration.com]; Sheyna Wisdom[sheyna.wisdom@fairweather.com]  
**From:** Jeff Hastings  
**Sent:** 2018-09-17T15:57:50-04:00  
**Importance:** Normal  
**Subject:** RE: [EXTERNAL]  
**Received:** 2018-09-17T15:57:59-04:00

Works for me

---

**From:** Suzan Simonds  
**Sent:** Monday, September 17, 2018 12:57 PM  
**To:** Putnam, Christopher <christopher\_putnam@fws.gov>  
**Cc:** Rick Trupp <rtrupp@saexploration.com>; Jeff Hastings <jhastings@saexploration.com>; Sheyna Wisdom <sheyna.wisdom@fairweather.com>  
**Subject:** Re: [EXTERNAL]

Let me check with everyone it good with me  
I will get back to you in an hour.  
Sue

Sent via the Samsung Galaxy S9, an AT&T 4G LTE smartphone

----- Original message -----

From: "Putnam, Christopher" <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Date: 9/17/18 11:54 AM (GMT-09:00)  
To: Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>  
Subject: Re: [EXTERNAL]

Hi Sue,

I've been trying to coordinate people on this end and was asked if we can move the meeting to Thursday afternoon. Will 1:00 pm on Thursday, September 20, work for you?

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

0000013748

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Mon, Sep 17, 2018 at 11:46 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

What time will the meeting be tomorrow?

Sue

Sent via the Samsung Galaxy S9, an AT&T 4G LTE smartphone

**To:** ssimonds@contractor.saexploration.com[ssimonds@contractor.saexploration.com]  
**Cc:** Rick Trupp[rtrupp@saexploration.com]  
**From:** Putnam, Christopher  
**Sent:** 2018-09-17T20:02:38-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Meeting  
**Received:** 2018-09-17T20:03:01-04:00

Okay, thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not  
wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Sep 17, 2018 at 4:02 PM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>  
wrote:

Hi Christopher  
Wednesday at 11 am will work for all.  
Sue

Sent via the Samsung Galaxy S9, an AT&T 4G LTE smartphone



**From:** christopher\_putnam@fws.gov  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: ANWR SAE Seismic Survey ITR Update @ Wed Sep 19, 2018 11am - 12pm (AKDT) (patrick\_lemons@fws.gov)  
**Start Date/Time:** 2018-09-19T15:00:00-04:00  
**End Date/Time:** 2018-09-19T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

## ANWR SAE Seismic Survey ITR Update

If anyone wishes to call in:

1-866-730-2536  
passcode, 8757864

When  
Where  
Video call  
  
Calendar  
Who

Wed Sep 19, 2018 11am – 12pm Alaska Time -  
Anchorage  
MMM Conference Room ([map](#))  
[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher\\_putnam@fws.gov](https://hangouts.google.com/hangouts/_/doi.gov/christopher_putnam@fws.gov)  
[her-putnam@fws.gov](#)  
patrick\_lemons@fws.gov

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christopher\_putnam@fws.gov  
mary\_colligan@fws.gov  
patrick\_lemons@fws.gov  
kimberly\_klein@fws.gov  
ssimonds@saexploration.fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account patrick\_lemons@fws.gov because you are subscribed for invitations on calendar patrick\_lemons@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** christopher\_putnam@fws.gov  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: ANWR SAE Seismic Survey ITR Update @ Wed Sep 19, 2018 11am - 12pm (AKDT) (mary\_colligan@fws.gov)  
**Start Date/Time:** 2018-09-19T15:00:00-04:00  
**End Date/Time:** 2018-09-19T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

## ANWR SAE Seismic Survey ITR Update

If anyone wishes to call in:

1-866-730-2536  
passcode, 8757864

When  
Where  
Video call  
  
Calendar  
Who

Wed Sep 19, 2018 11am – 12pm Alaska Time -  
Anchorage  
MMM Conference Room ([map](#))  
[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)  
mary\_colligan@fws.gov

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christopher\_putnam@fws.gov  
mary\_colligan@fws.gov  
patrick\_lemons@fws.gov  
ssimonds@saexploration.fws.gov  
kimberly\_klein@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account mary\_colligan@fws.gov because you are subscribed for invitations on calendar mary\_colligan@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** christopher\_putnam@fws.gov  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: ANWR SAE Seismic Survey ITR Update @ Wed 2018-09-19 11:00 - 12:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-09-19T15:00:00-04:00  
**End Date/Time:** 2018-09-19T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

### ANWR SAE Seismic Survey ITR Update

**When** Wed 2018-09-19 11:00 – 12:00 Alaska Time - Anchorage  
**Where** MMM Conference Room ([map](#))  
**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)  
**Calendar** ssimonds@saexploration.com  
**Who**

- christopher\_putnam@fws.gov - organizer
- patrick\_lemons@fws.gov
- kimberly\_klein@fws.gov
- mary\_colligan@fws.gov
- ssimonds@saexploration.com

If anyone wishes to call in:

1-866-730-2536  
passcode, 8757864

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account ssimonds@saexploration.com because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**From:** christopher\_putnam@fws.gov  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Invitation: ANWR SAE Seismic Survey ITR Update @ Wed Sep 19, 2018 11am - 12pm (AKDT) (kimberly\_klein@fws.gov)  
**Start Date/Time:** 2018-09-19T15:00:00-04:00  
**End Date/Time:** 2018-09-19T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

## ANWR SAE Seismic Survey ITR Update

If anyone wishes to call in:

1-866-730-2536  
passcode, 8757864

When  
Where  
Video call  
  
Calendar  
Who

Wed Sep 19, 2018 11am – 12pm Alaska Time -  
Anchorage  
MMM Conference Room ([map](#))  
[https://hangouts.google.com/hangouts/\\_/doi.gov/christopher\\_putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher_putnam)  
kimberly\_klein@fws.gov

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christopher\_putnam@fws.gov  
ssimonds@saexploration.fws.gov  
patrick\_lemons@fws.gov  
kimberly\_klein@fws.gov  
mary\_colligan@fws.gov

Going? **Yes - Maybe - No** [more options »](#)  
Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for invitations on calendar kimberly\_klein@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** Suzan Simonds  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Accepted: Invitation: ANWR SAE Seismic Survey ITR Update @ Wed 2018-09-19 11:00 - 12:00 (AKDT) (ssimonds@saexploration.com)  
**Start Date/Time:** 2018-09-19T15:00:00-04:00  
**End Date/Time:** 2018-09-19T16:00:00-04:00

When: Sep 19, 2018 11:00:00 AM  
Where: MMM Conference Room

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Drew Crane[drew\_crane@fws.gov]; Ted Swem[ted\_swem@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-06-04T15:31:49-04:00  
**Importance:** Normal  
**Subject:** Re: Biological Assessment for 1002 Seismic  
**Received:** 2018-06-04T15:31:52-04:00

Can we do 1:30pm then please.

If Drew and Christopher can get together and call us in Fairbanks at 455-1879 that would be great.

Thanks,

Sarah

On Mon, Jun 4, 2018 at 11:29 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

I'm available the rest of the day.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
[1011 East Tudor Rd](#), MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Mon, Jun 4, 2018 at 10:39 AM Crane, Drew <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)> wrote:

I'm available from 11:00 until 2:30 today. The rest of the time is filled up with meetings.

Drew Crane  
Regional Endangered Species Coordinator  
Alaska Region  
U.S. Fish and Wildlife Service  
[1011 E. Tudor Road](#)  
[Anchorage, AK 99503](#)  
907-786-3323

On Mon, Jun 4, 2018 at 9:57 AM, Conn, Sarah <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)> wrote:

Hi Christopher and Ted,

During our conversation on Friday I think you said that BLM had been in touch hoping that we (FWS) would develop the BA for the seismic consultation.

I think we agreed that would be pretty problematic from our standpoint and I was to get back to BLM.

However, I wonder if we (MMM and Fairbanks) shouldn't get on the phone and try to figure out what the best plan might be before we reach out to BLM. Are we doing a joint section 7 or not etc. etc. What are the specific mechanics and responsibilities for this etc.

Are you guys available to chat any time this afternoon?

Thanks,

Sarah

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Drew Crane[drew\_crane@fws.gov]; Sarah Conn[sarah\_conn@fws.gov]  
**From:** Swem, Ted  
**Sent:** 2018-06-04T15:37:38-04:00  
**Importance:** Normal  
**Subject:** Re: Biological Assessment for 1002 Seismic  
**Received:** 2018-06-04T15:37:41-04:00

I'm also available the rest of the day.

On Mon, Jun 4, 2018 at 11:29 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

I'm available the rest of the day.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jun 4, 2018 at 10:39 AM Crane, Drew <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)> wrote:

I'm available from 11:00 until 2:30 today. The rest of the time is filled up with meetings.

Drew Crane  
Regional Endangered Species Coordinator  
Alaska Region  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, AK 99503  
907-786-3323

On Mon, Jun 4, 2018 at 9:57 AM, Conn, Sarah <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)> wrote:

Hi Christopher and Ted,  
During our conversation on Friday I think you said that BLM had been in touch hoping that we (FWS) would develop the BA for the seismic consultation.



I think we agreed that would be pretty problematic from our standpoint and I was to get back to BLM.

However, I wonder if we (MMM and Fairbanks) shouldn't get on the phone and try to figure out what the best plan might be before we reach out to BLM. Are we doing a joint section 7 or not etc. etc. What are the specific mechanics and responsibilities for this etc.

Are you guys available to chat any time this afternoon?

Thanks,

Sarah

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Lemons, Patrick[patrick\_lemons@fws.gov]  
**From:** Colligan, Mary  
**Sent:** 2018-06-05T00:04:06-04:00  
**Importance:** Normal  
**Subject:** Re: Regarding the Recent News Coverage About Seismic Surveys in the Arctic NWR  
**Received:** 2018-06-05T00:04:10-04:00  
[Sue.docx](#)

Christopher Some suggestions in the attached. I will also touch base with Greg in the morning to see if he reached out to SAE

On Mon, Jun 4, 2018 at 1:31 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Patrick & Mary,

I'd like to send the following message in an email to Sue Simonds at SAE to offer assurance that my program will work with SAE in the same professional manner we always have, that we will keep confidential any information that SAE provides us that they consider and label proprietary, and that the recent news coverage about the FWS response to SAE regarding the proposed seismic surveys in the Arctic NWR did not originate from our program. Please let me know if you think this is a good idea, and if you have any edits to the text you think are appropriate. Thanks.

<PROPOSED TEXT>

Sue,

I'd like to address the recent news coverage about the response to SAE regarding the proposed seismic surveys in the Arctic NWR. The information in the recent news articles, and the documents referenced, did not originate from my program, or from our personnel. I, and all of us in the Marine Mammals Management Office's (MMM), Regulatory Program, value the productive, collaborative, professional relationships we have developed with SAE and other oil and gas industry companies operating on the North Slope of Alaska. I want to offer my assurance that we will continue to work with you, other SAE personnel and contractors, and all others, in a professional and courteous manner. We will keep confidential the information provided to us that is considered proprietary. We will continue to ask that any proprietary or confidential information or documents be clearly labelled so we know how to appropriately handle them.

I think the work our Regulatory Program does in collaboration with oil and gas industry companies has allowed us all to accomplish our work while also allowing us all to meet our statutory and regulatory requirements. I think the work we do together allows us to achieve positive wildlife management and conservation outcomes for polar bears and Pacific walrus that we would not be able to achieve individually. I, and all the people in the MMM, Regulatory Program, will continue to work collaboratively with SAE and others to achieve these positive goals and outcomes.

As always, if you ever have any questions or concerns about the work we do together, don't hesitate to contact me.

Sincerely,

<PROPOSED TEXT>

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does  
not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Lemons, Patrick[patrick\_lemons@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-05T13:06:50-04:00  
**Importance:** Normal  
**Subject:** Re: Regarding the Recent News Coverage About Seismic Surveys in the Arctic NWR  
**Received:** 2018-06-05T13:06:50-04:00

Great, thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Mon, Jun 4, 2018 at 8:04 PM Colligan, Mary <mary\_colligan@fws.gov> wrote:

Christopher Some suggestions in the attached. I will also touch base with Greg in the morning to see if he reached out to SAE

On Mon, Jun 4, 2018 at 1:31 PM, Christopher Putnam <christopher\_putnam@fws.gov> wrote:

Patrick & Mary,

I'd like to send the following message in an email to Sue Simonds at SAE to offer assurance that my program will work with SAE in the same professional manner we always have, that we will keep confidential any information that SAE provides us that they consider and label proprietary, and that the recent news coverage about the FWS response to SAE regarding the proposed seismic surveys in the Arctic NWR did not originate from our program. Please let me know if you think this is a good idea, and if you have any edits to the text you think are appropriate. Thanks.

<PROPOSED TEXT>

Sue,

I'd like to address the recent news coverage about the response to SAE regarding the proposed seismic surveys in the Arctic NWR. The information in the recent news articles, and the

documents referenced, did not originate from my program, or from our personnel. I, and all of us in the Marine Mammals Management Office's (MMM), Regulatory Program, value the productive, collaborative, professional relationships we have developed with SAE and other oil and gas industry companies operating on the North Slope of Alaska. I want to offer my assurance that we will continue to work with you, other SAE personnel and contractors, and all others, in a professional and courteous manner. We will keep confidential the information provided to us that is considered proprietary. We will continue to ask that any proprietary or confidential information or documents be clearly labelled so we know how to appropriately handle them.

I think the work our Regulatory Program does in collaboration with oil and gas industry companies has allowed us all to accomplish our work while also allowing us all to meet our statutory and regulatory requirements. I think the work we do together allows us to achieve positive wildlife management and conservation outcomes for polar bears and Pacific walruses that we would not be able to achieve individually. I, and all the people in the MMM, Regulatory Program, will continue to work collaboratively with SAE and others to achieve these positive goals and outcomes.

As always, if you ever have any questions or concerns about the work we do together, don't hesitate to contact me.

Sincerely,

<PROPOSED TEXT>

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Lemons, Patrick[patrick\_lemons@fws.gov]  
**Cc:** Colligan, Mary[mary\_colligan@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-05T19:09:36-04:00  
**Importance:** Normal  
**Subject:** Re: Regarding the Recent News Coverage About Seismic Surveys in the Arctic NWR  
**Received:** 2018-06-05T19:09:36-04:00

Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
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-- J.R.R. Tolkien

On Tue, Jun 5, 2018 at 2:59 PM Lemons, Patrick <patrick\_lemons@fws.gov> wrote:

I had very similar comments as Mary so looks fine to me.

On Tue, Jun 5, 2018 at 9:06 AM, Christopher Putnam <christopher\_putnam@fws.gov> wrote:

Great, thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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Sincerely,

<PROPOSED TEXT>

Christopher Putnam  
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Marine Mammals Management  
U.S. Fish & Wildlife Service  
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Anchorage, AK 99503-6199  
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Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

--  
Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)



**To:** Charles Hamilton[[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)]; Klein, Kimberly[[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)]  
**From:** Christopher Putnam  
**Sent:** 2018-06-06T18:31:49-04:00  
**Importance:** Normal  
**Subject:** RIN request for ANWR SAE seismic ITR  
**Received:** 2018-06-06T18:31:49-04:00  
[RIN request for MMPA ITR for ANWR SAE seismic survey.docx](#)

Charlie and Kim,  
Attached is the RIN request for the Arctic NWR SAE seismic ITR. Let me know what you think. Also, what is the next step, where do we send this?

M:\Regulatory\_Program\Incidental\_Intentional take\ITRs\Arctic Refuge 2019\ITR\RIN request for MMPA ITR for ANWR SAE seismic survey.docx

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
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**To:** Mary Colligan[mary\_colligan@fws.gov]; Crane, Drew[drew\_crane@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]; Ted Swem[ted\_swem@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-06-06T19:02:33-04:00  
**Importance:** Normal  
**Subject:** Seismic 1002 Section 7 / MMPA Plan  
**Received:** 2018-06-06T19:02:37-04:00  
Draft Process for section 7 Consultation for 1002 Seismic.docx

Hi Folks,

Please review / edit / shred the attached document. In it I have tried to lay out the process for conducting the section 7 consultation for BLM's seismic permits and MMM's ITRs for the 1002 Area. I also tried to describe who is responsible for what, and what the basic timeline is (assuming MMM gets an application from SAE soon).

The document is based on conversations we (FFWFO) had with Christopher, Drew, and Patrick and I hope I captured everything correctly, but please do correct it if I've gone astray.

At the weekly seismic meeting between BLM and FWS yesterday I laid out this draft proposal and BLM was agreeable to it. So, once we (FES) are happy with this document I suggest we send it to the BLM folks who will be working on their piece of it (Debbie Nigro and Shelly Jacobson).

Just to add to the confusion I'm going to be out of the office for a couple of weeks starting tomorrow night so if this is urgent someone else may have to get it over the finish line and over to BLM (or I'm happy to do it upon my return).

Thanks,

Sarah

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Charles Hamilton[charles\_hamilton@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-06T19:04:22-04:00  
**Importance:** Normal  
**Subject:** Re: RIN request for ANWR SAE seismic ITR  
**Received:** 2018-06-06T19:04:56-04:00

Thanks for putting this together. I believe it goes to Anissa Craghead, cc Sarah Prigan.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
**Kimberly\_Klein@fws.gov**

On Wed, Jun 6, 2018 at 2:31 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Charlie and Kim,

Attached is the RIN request for the Arctic NWR SAE seismic ITR. Let me know what you think. Also, what is the next step, where do we send this?

M:\Regulatory\_Program\Incidental\_Intentional take\ITRs\Arctic Refuge 2019\ITR\RIN request for MMPA ITR for ANWR SAE seismic survey.docx

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

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-- J.R.R. Tolkien

**To:** Charles Hamilton[[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)]  
**Cc:** Klein, Kimberly[[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)]  
**From:** Christopher Putnam  
**Sent:** 2018-06-06T19:23:37-04:00  
**Importance:** Normal  
**Subject:** Re: RIN request for ANWR SAE seismic ITR  
**Received:** 2018-06-06T19:23:37-04:00

Thanks Charlie.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

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-- J.R.R. Tolkien

On Wed, Jun 6, 2018 at 3:12 PM Hamilton, Charles <[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)> wrote:

Hi Christopher,

Reads OK though a couple points I'd suggest, for some reason I cannot get rid of the blue or track changes to show up so easier to send you the below.

- 1) I'd put in the, if finalized, throughout. While it is implied, I know we have faced problems in the past regarding actions being pre-determined so including the if finalized makes certain people understand we have to get comment etc. prior to finalizing a determination.
- 2) In Response on Question IV A, I'd suggest adding text on Alaska Natives as below:

This rule, if finalized, will not authorize any activities, only the incidental take of polar bears during the proposed activities. Additionally, the Service must determine that any incidental take of polar bears resulting from the proposed activities will not have an unmitigable adverse impact on the subsistence use of polar bears by Alaska Natives.

3) On Section X Further Information, perhaps adding some text noting that while the Service has had regulations in place in the SBS for similar activities, past regulations and the current ITRs have excluded the areas now being considered.

Regarding sending them in to HQ they go to Anissa I believe and Sara, probably best to cc Diane Bowen too, I think Patrick would need an OK to send them in from at least Mary? Or possibly Karen Clark/Greg?

On Wed, Jun 6, 2018 at 2:31 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Charlie and Kim,

Attached is the RIN request for the Arctic NWR SAE seismic ITR. Let me know what you think. Also, what is the next step, where do we send this?

M:\Regulatory\_Program\Incidental\_Intentional take\ITRs\Arctic Refuge 2019\ITR\RIN request for MMPA ITR for ANWR SAE seismic survey.docx

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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-- J.R.R. Tolkien

--

Regards,

Charles S. Hamilton  
Special Assistant  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Rd., MS-341  
Anchorage, AK 99503  
Voice: (907) 786-3804

FAX: (907) 786 - 3816

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-06T21:51:33-04:00  
**Importance:** Normal  
**Subject:** Outline and Approach to analysis  
**Received:** 2018-06-06T21:52:08-04:00  
[Assessment approach 6June2018.docx](#)  
[Outline ITR-18-01 6June2018.docx](#)

Christopher, the 1002 ITR outline and assessment approach is included. The assessment approach is intended to be a internal document for the administrative record and for guidance for the team.

Thanks for taking a look.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

**To:** Conn, Sarah[sarah\_conn@fws.gov]  
**Cc:** Crane, Drew[drew\_crane@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]; Ted Swem[ted\_swem@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Colligan, Mary  
**Sent:** 2018-06-07T01:14:12-04:00  
**Importance:** Normal  
**Subject:** Re: Seismic 1002 Section 7 / MMPA Plan  
**Received:** 2018-06-07T01:14:17-04:00  
Draft Process for section 7 Consultation for 1002 Seismic MAC (1).docx

Sarah Thanks for putting this together. I have attached a few questions and suggestions for your consideration.

On Wed, Jun 6, 2018 at 3:02 PM, Conn, Sarah <sarah\_conn@fws.gov> wrote:

Hi Folks,

Please review / edit / shred the attached document. In it I have tried to lay out the process for conducting the section 7 consultation for BLM's seismic permits and MMM's ITRs for the 1002 Area. I also tried to describe who is responsible for what, and what the basic timeline is (assuming MMM gets an application from SAE soon).

The document is based on conversations we (FFWFO) had with Christopher, Drew, and Patrick and I hope I captured everything correctly, but please do correct it if I've gone astray.

At the weekly seismic meeting between BLM and FWS yesterday I laid out this draft proposal and BLM was agreeable to it. So, once we (FES) are happy with this document I suggest we send it to the BLM folks who will be working on their piece of it (Debbie Nigro and Shelly Jacobson).

Just to add to the confusion I'm going to be out of the office for a couple of weeks starting tomorrow night so if this is urgent someone else may have to get it over the finish line and over to BLM (or I'm happy to do it upon my return).

Thanks,

Sarah

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945



**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Crane, Drew[drew\_crane@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]; Ted Swem[ted\_swem@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-06-07T13:46:53-04:00  
**Importance:** Normal  
**Subject:** Re: Seismic 1002 Section 7 / MMPA Plan  
**Received:** 2018-06-07T13:46:57-04:00  
Draft Process for section 7 Consultation for 1002 Seismic version2.docx

Thanks Mary,  
I made your suggested edits and responded to the comments. A second version is attached.

One thing to note is that for polar bear critical habitat I say MMM Office will work with FFWFO to determine effects to PB CH. Our preliminary assessment is there won't be many impacts, and most likely they'll be limited to disturbance (although obviously we need to do the analysis to say for sure). I wrote the description in the roles piece this way to reassure Christopher et al. that we don't anticipate this adding a massive amount to their plate.

Sarah

On Wed, Jun 6, 2018 at 9:14 PM, Colligan, Mary <mary\_colligan@fws.gov> wrote:

Sarah Thanks for putting this together. I have attached a few questions and suggestions for your consideration.

On Wed, Jun 6, 2018 at 3:02 PM, Conn, Sarah <sarah\_conn@fws.gov> wrote:

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**To:** Sarah Conn[sarah\_conn@fws.gov]  
**Cc:** Colligan, Mary[mary\_colligan@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Lemons, Patrick[patrick\_lemons@fws.gov]; Ted Swem[ted\_swem@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-07T15:05:47-04:00  
**Importance:** Normal  
**Subject:** Re: Seismic 1002 Section 7 / MMPA Plan  
**Received:** 2018-06-07T15:05:47-04:00

This looks good to me and works for my program.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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On Thu, Jun 7, 2018 at 9:46 AM Conn, Sarah <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)> wrote:

Thanks Mary,

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One thing to note is that for polar bear critical habitat I say MMM Office will work with FFWFO to determine effects to PB CH. Our preliminary assessment is there won't be many impacts, and most likely they'll be limited to disturbance (although obviously we need to do the analysis to say for sure). I wrote the description in the roles piece this way to reassure Christopher et al. that we don't anticipate this adding a massive amount to their plate.

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Sarah

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U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Klein, Kimberly[kimberly\_klein@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]; Bridget Crokus[bridget\_crokus@fws.gov]; Lemons, Patrick[patrick\_lemons@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-07T16:57:12-04:00  
**Importance:** Normal  
**Subject:** Fwd: [EXTERNAL] petition application  
**Received:** 2018-06-07T16:57:12-04:00  
[MarshCreek\\_ProductionFlow.pdf](#)  
[SAE Polar Bear Interaction and Avoidance Plan\\_060718.pdf](#)  
[SAE Marsh Creek ITR petition\\_6\\_7\\_18.pdf](#)  
[Plan of Cooperation\\_V4.pdf](#)

We received the petition and supporting documents from SAE for the Arctic NWR seismic survey ITR. I've already acknowledged receipt of the documents back to Sue. Sue wants to meet and discuss any questions we have. We'll set something up with them after we've had time to look these over. Let me know if you have any questions.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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907-786-3816 fax

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-- J.R.R. Tolkien

----- Forwarded message -----

From: Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>  
Date: Thu, Jun 7, 2018 at 12:32 PM  
Subject: [EXTERNAL] petition application  
To: [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Cc: Marsh Creek Permitting <[MarshCreekPermitting@saexploration.com](mailto:MarshCreekPermitting@saexploration.com)>

Hi Christopher

Please see attached petition and supporting documents requesting USFW to issue incidental take regulations for the non-lethal unintentional taking of a small number of polar bears. At your convenience we would like to set up a meeting with you and or your group to answer any questions you may have concerning the petition or the supporting documents. Please acknowledge the receipt of this package.

0000013779

Thank you

Sue Simonds

Permits and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)

8240 Sandlewood Place

Anchorage, Alaska 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

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**To:** Bridget Crokus[bridget\_crokus@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-07T17:03:44-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] petition application  
**Received:** 2018-06-07T17:04:17-04:00

Bridget's plan sounds good to me. I will also come with questions.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
**Kimberly\_Klein@fws.gov**

On Thu, Jun 7, 2018 at 1:02 PM, Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)> wrote:

...and we're off!

So, what's the next step? Would you like us to look these over individually and come to our meeting tomorrow prepared to discuss any questions we have?

Bridget Crokus

Marine Mammals Management

U.S. Fish and Wildlife Service

Phone: 907-786-3378

**From:** Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
**Sent:** Thursday, June 7, 2018 12:57 PM  
**To:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>; Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>; Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] petition application

We received the petition and supporting documents from SAE for the Arctic NWR seismic survey ITR. I've already acknowledged receipt of the documents back to Sue. Sue wants to meet and discuss any questions we have. We'll set something up with them after we've had time to look these over. Let me know if you have any questions.

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

1011 East Tudor Rd, MS 341

Anchorage, AK 99503-6199

907-786-3844 office

907-268-0577 mobile

907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

----- Forwarded message -----

From: Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>

Date: Thu, Jun 7, 2018 at 12:32 PM

Subject: [EXTERNAL] petition application

To: [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>

Cc: Marsh Creek Permitting <[MarshCreekPermitting@saexploration.com](mailto:MarshCreekPermitting@saexploration.com)>

Hi Christopher

Please see attached petition and supporting documents requesting USFW to issue incidental take regulations for the non-lethal unintentional taking of a small number of polar bears. At your convenience we would like to set up a meeting with you and or your group to answer any questions you may have concerning the petition or the supporting documents. Please acknowledge the receipt of this package.



Thank you

Sue Simonds

Permits and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)

[8240 Sandlewood Place](#)

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**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Bridget Crokus[bridget\_crokus@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]; Lemons, Patrick[pattick\_lemons@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-07T17:24:43-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] petition application  
**Received:** 2018-06-07T17:25:16-04:00

I sent the ITR request to Ryan, as it he is a member of the team. I will also forward this message too.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Thu, Jun 7, 2018 at 1:13 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Bridget,  
Good question. Let's get started looking the documents over and we'll discuss moving forward at our meeting tomorrow. Let's plan on discussing the documents at our meeting, but I think we'll need more time before we get into the finer details.

Also, just as a reminder, some of the documents are labelled as proprietary. For now, please don't share any of these documents, even the non-proprietary documents, outside of our ITR team. Please check with me if you get a request for any of these documents, or if you think there is a need to share them outside our team.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Thu, Jun 7, 2018 at 1:02 PM Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)> wrote:

...and we're off!

So, what's the next step? Would you like us to look these over individually and come to our meeting tomorrow prepared to discuss any questions we have?

Bridget Crokus

Marine Mammals Management

U.S. Fish and Wildlife Service

Phone: 907-786-3378

**From:** Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
**Sent:** Thursday, June 7, 2018 12:57 PM  
**To:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>; Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>; Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] petition application

We received the petition and supporting documents from SAE for the Arctic NWR seismic survey ITR. I've already acknowledged receipt of the documents back to Sue. Sue wants to meet and discuss any questions we have. We'll set something up with them after we've had time to look these over. Let me know if you have any questions.

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

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-- J.R.R. Tolkien

----- Forwarded message -----

From: Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>

Date: Thu, Jun 7, 2018 at 12:32 PM

Subject: [EXTERNAL] petition application

To: [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>

Cc: Marsh Creek Permitting <[MarshCreekPermitting@saexploration.com](mailto:MarshCreekPermitting@saexploration.com)>

Hi Christopher

Please see attached petition and supporting documents requesting USFW to issue incidental take regulations for the non-lethal unintentional taking of a small number of polar bears. At your convenience we would like to set up a meeting with you and or your group to answer any questions you may have concerning the petition or the supporting documents. Please acknowledge the receipt of this package.

Thank you

Sue Simonds

Permits and Regulatory Manager

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**To:** Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-07T19:13:07-04:00  
**Importance:** Normal  
**Subject:** Re: Outline and Approach to analysis  
**Received:** 2018-06-07T19:13:07-04:00

Kim, thanks for putting these together. They look good and I agree with the approach. Let's discuss further at our meeting tomorrow. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
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-- J.R.R. Tolkien

On Wed, Jun 6, 2018 at 5:52 PM Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Christopher, the 1002 ITR outline and assessment approach is included. The assessment approach is intended to be a internal document for the administrative record and for guidance for the team.

Thanks for taking a look.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

**To:** Christopher Putnam[christopher\_putnam@fws.gov]; Sara Prigan[sara\_prigan@fws.gov]; Bowen, Diane[diane\_bowen@fws.gov]; Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Craghead, Anissa  
**Sent:** 2018-06-11T07:10:15-04:00  
**Importance:** Normal  
**Subject:** Fwd: New RIN Requests  
**Received:** 2018-06-11T07:10:20-04:00  
[RIN request for MMPA ITR for ANWR SAE seismic survey.docx](#)  
[RIN request for MMPA ITR for Cook Inlet.docx](#)  
[RIN request for MMPA ITR for Cook Inlet.docx](#)

Hi! There were three RIN request forms attached to your email, not two as the message stated. Did you mean to attach three? A very quick look makes me think you accidentally attached the Cook Inlet one twice; is that correct?

Thanks,  
Anissa

----- Forwarded message -----

From: **Christopher Putnam** <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Date: Thu, Jun 7, 2018 at 3:50 PM  
Subject: New RIN Requests  
To: Anissa Craghead <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)>  
Cc: Sara Prigan <[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)>, "Bowen, Diane" <[diane\\_bowen@fws.gov](mailto:diane_bowen@fws.gov)>, "Klein, Kimberly" <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>

Hi,  
Please find attached two RIN request forms. This is the first time we've used this new procedure with these forms. Please let me know what else we need to do to request RINs for these two actions. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

**To:** Anissa Craghead[anissa\_craghead@fws.gov]  
**Cc:** Sara Prigan[sara\_prigan@fws.gov]; Bowen, Diane[diane\_bowen@fws.gov]; Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-11T13:31:53-04:00  
**Importance:** Normal  
**Subject:** Re: New RIN Requests  
**Received:** 2018-06-11T13:31:53-04:00

Yes, that' correct. There should be only two, one for the Arctic NWR and one for Cook Inlet.  
Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jun 11, 2018 at 3:10 AM Craghead, Anissa <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)> wrote:

Hi! There were three RIN request forms attached to your email, not two as the message stated.  
Did you mean to attach three? A very quick look makes me think you accidentally attached the  
Cook Inlet one twice; is that correct?

Thanks,  
Anissa

----- Forwarded message -----

From: **Christopher Putnam** <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Date: Thu, Jun 7, 2018 at 3:50 PM  
Subject: New RIN Requests  
To: Anissa Craghead <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)>  
Cc: Sara Prigan <[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)>, "Bowen, Diane" <[diane\\_bowen@fws.gov](mailto:diane_bowen@fws.gov)>, "Klein, Kimberly" <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>



Hi,

Please find attached two RIN request forms. This is the first time we've used this new procedure with these forms. Please let me know what else we need to do to request RINs for these two actions. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

**To:** Martin, John[john\_w\_martin@fws.gov]  
**Cc:** Stephanie Brady[stephanie\_brady@fws.gov]; Trawicki, John[john\_trawicki@fws.gov]; Steve Berendzen[steve\_berendzen@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-11T13:32:52-04:00  
**Importance:** Normal  
**Subject:** Re: Affected Environment from DRAFT Rule EA  
**Received:** 2018-06-11T13:32:52-04:00

Thanks John.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

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-- J.R.R. Tolkien

On Mon, Jun 11, 2018 at 7:30 AM Martin, John <[john\\_w\\_martin@fws.gov](mailto:john_w_martin@fws.gov)> wrote:

Christopher

Per your phone message, please find the existing/affected environment narrative from the last iteration of the DRAFT Rule EA for your use.

It is my understanding that this version may now be overcome by events, or updated for the seismic application EA by the Arctic Refuge staff. Planning staff has not been involved intimately with anything since very early this year on more recent developments.

Please bear in mind that total length of EAs under the streamlined DOI process may not exceed 50 pages. Therefore, any affected environment narrative may be highly abbreviated with heavy reliance on integration through references.

Thanks for the opportunity to help. If I may be of further assistance, please so advise.

John

**To:** Klein, Kimberly[kimberly\_klein@fws.gov]; Bridget Crokus[bridget\_crokus@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-11T13:34:29-04:00  
**Importance:** Normal  
**Subject:** Fwd: Affected Environment from DRAFT Rule EA  
**Received:** 2018-06-11T13:34:29-04:00  
[20170908 ArcticNWR1002 PR MASTER v2.docx](#)  
[Arctic Coastal Plain Proposed Rule EA FINAL 09082017 v2.docx](#)  
[Email - Fwd PR & EA for Arctic NWR 1002 recd14Sep2017.pdf](#)

Kim,

These might be useful for the sections describing the affected environment.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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-- J.R.R. Tolkien

----- Forwarded message -----

From: Martin, John <[john\\_w\\_martin@fws.gov](mailto:john_w_martin@fws.gov)>  
Date: Mon, Jun 11, 2018 at 7:30 AM  
Subject: Affected Environment from DRAFT Rule EA  
To: Putnam, Christopher <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Cc: Stephanie Brady <[stephanie\\_brady@fws.gov](mailto:stephanie_brady@fws.gov)>, John Trawicki <[john\\_trawicki@fws.gov](mailto:john_trawicki@fws.gov)>, Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>

Christopher

Per your phone message, please find the existing/affected environment narrative from the last iteration of the DRAFT Rule EA for your use.

It is my understanding that this version may now be overcome by events, or updated for the seismic application EA by the Arctic Refuge staff. Planning staff has not been involved intimately with anything since very early this year on more recent developments.

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John

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Bridget Crokus[bridget\_crokus@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-11T14:21:02-04:00  
**Importance:** Normal  
**Subject:** Re: Affected Environment from DRAFT Rule EA  
**Received:** 2018-06-11T14:21:36-04:00

Thanks Christopher

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Mon, Jun 11, 2018 at 9:34 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Kim,  
These might be useful for the sections describing the affected environment.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
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----- Forwarded message -----

From: Martin, John <[john\\_w\\_martin@fws.gov](mailto:john_w_martin@fws.gov)>  
Date: Mon, Jun 11, 2018 at 7:30 AM  
Subject: Affected Environment from DRAFT Rule EA  
To: Putnam, Christopher <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Cc: Stephanie Brady <[stephanie\\_brady@fws.gov](mailto:stephanie_brady@fws.gov)>, John Trawicki <[john\\_trawicki@fws.gov](mailto:john_trawicki@fws.gov)>, Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>

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John

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-06-14T20:14:27-04:00  
**Importance:** Normal  
**Subject:** Draft Regs section for 1002 ITR  
**Received:** 2018-06-14T20:14:58-04:00  
Regs section 14June2018.docx

as promised...Also saved to

M:\Regulatory\_Program\Incidental\_Intentional take\ITRs\Arctic Refuge 2019\ITR\Proposed ITR

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
**Kimberly\_Klein@fws.gov**

**To:** Anissa Craghead[anissa\_craghead@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Sara Prigan[sara\_prigan@fws.gov]; Diane Bowen[diane\_bowen@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-06-19T13:51:32-04:00  
**Importance:** Normal  
**Subject:** Re: New RIN Requests  
**Received:** 2018-06-19T13:51:32-04:00

Thank you Anissa.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Tue, Jun 19, 2018 at 2:26 AM Craghead, Anissa <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)> wrote:

Good morning. The five RIN requests that went forward in the first batch (last Friday) are:

1. gray wolf delisting
2. black footed ferret 10(j)
3. *Lomatium bradshawii* delisting
4. MMPA ITR for ANWR
5. MMPA ITR for Cook Inlet

As an FYI, the current list of active (valid) FWS RINs that published in the spring unified agenda is here (you have to look for DOI/FWS in the Agency column to identify our RINs):

[https://www.reginfo.gov/public/do/eAgendaMain?operation=OPERATION\\_GET\\_AGENCY\\_RULE\\_LIST&currentPub=true&agencyCode=&showStage=active&agencyCd=1000&Image58.x=32&Image58.y=18&Image58=Submit](https://www.reginfo.gov/public/do/eAgendaMain?operation=OPERATION_GET_AGENCY_RULE_LIST&currentPub=true&agencyCode=&showStage=active&agencyCd=1000&Image58.x=32&Image58.y=18&Image58=Submit)

On Mon, Jun 18, 2018 at 8:44 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Hi Anisaa,

I received a forwarded email today announcing the July 2 deadline for the second batch of RIN requests. I sent in two RIN request forms on June 7 and want to check if those were included with the last batch or if they will be included in the second batch. Please let me know if there is anything I need to do regarding out RIN requests. Thanks for your help.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
[1011 East Tudor Rd](#), MS 341  
Anchorage, AK 99503-6199



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907-786-3816 fax

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-- J.R.R. Tolkien

On Thu, Jun 7, 2018 at 11:50 AM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Hi,  
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Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-06-20T15:22:37-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] The questions  
**Received:** 2018-06-20T15:23:06-04:00

Thanks. I spoke with Sue and provided some clarification about what we were asking, that was the focus of the conversation; she did not try to provide final explanations or anything. She will instead provide detailed responses in writing.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Wed, Jun 20, 2018 at 8:49 AM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Kim, If you want me to participate in this conversation, send me a text to my cell number, (b) (6), and we can coordinate my calling in. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Wed, Jun 20, 2018 at 8:07 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Kim

I am working on these questions and I feeling that we should talk over some these questions a little bit, they sound like there is not an understanding of operations on some of the questions.

could we chat this morning?

Suzan Simonds

Permit and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

8240 Sandlewood Pl., Suite 102

Anchorage, AK 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

**To:** Steve Berendzen[[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)]  
**Cc:** Jennifer Reed[[jennifer\\_reed@fws.gov](mailto:jennifer_reed@fws.gov)]; hollis\_twitchell@fws.gov[hollis\_twitchell@fws.gov]; Fox, Joanna[[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)]  
**From:** Christopher Putnam  
**Sent:** 2018-06-25T17:57:08-04:00  
**Importance:** Normal  
**Subject:** Re: Human Dimensions Team for Stips & BMP's  
**Received:** 2018-06-25T17:57:28-04:00

Aw man! I was all ready to use my Oiuja board. Oh well, of you insist on using a telephone for communication, then you may call:  
phone 1-866-730-2536  
passcode 8757864

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

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-- J.R.R. Tolkien

On Mon, Jun 25, 2018 at 1:34 PM Berendzen, Steve <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)> wrote:

Christopher,  
We can call you at 2:00 - what number is best for that?

Steve Berendzen  
Refuge Manager, Arctic National Wildlife Refuge  
907 456 0253

On Wed, Jun 20, 2018 at 4:33 PM, Reed, Jennifer <[jennifer\\_reed@fws.gov](mailto:jennifer_reed@fws.gov)> wrote:

I'm looking forward to connecting at 2p Monday. Since we need to deliver mapping ideas and edits to the Stips and BMPs table by Wednesday COB, I suggest we each bring to the meeting the initial draft ideas about mapping buffer areas, and about stips and BMPs for each of our areas of expertise. We know we need to be sure to craft edits that demonstrate we are meeting our USFWS responsibilities (wildlife and recreational value original purposes and subsistence ANILCA purpose), but this meeting will help us be sure that we are not headed toward suggesting buffer areas or crafting language that is directly in conflict among these purposes.

Here is my initial list of topics I'll be sure to have thought carefully about:

- Where can we bolster each other to propose buffers, no leasing, no surface

development, or just no surface occupancy for subsistence/WSR/Wilderness/recreation? What are the specific threats that would be mitigated by proposing any of those? Is it necessary to suggest no leasing to protect the resources we're responsible to try to protect?

I'll be sure over the weekend to add, or seek out to review/edit, in the Google doc Wendy sends out:

- Recommended WSR corridors, pursuant to WSRA
- Insuring visitors have access to recreational opportunities, pursuant to Secretary's priorities
- visual resources Stips and BMPs used in Amble Road EIS
- Summer vehicle tundra access
- Winter overland moves
- Waste prevention, handling, disposal, spills, and public safety
- Use of aircraft
- Wilderness and Recreation

**Jennifer J. Reed**

Arctic National Wildlife Refuge Public Use Manager

101 12th Ave, Rm 236

Fairbanks, AK 99701

Telephone: (907) 455 1835

Fax: (907) 456 0428

Interagency Visitor Use Management Council USFWS Representative

Interagency Wild & Scenic River Coordinating Council USFWS Representative

Make Your Splash!

*NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.*

On Wed, Jun 20, 2018 at 12:24 PM, Berendzen, Steve <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)> wrote:

Greetings,

Since we have a short time frame to work on the broader topic of human related impacts and activities, I think we should try to get together as soon as we can. Christopher said he's available Monday afternoon, so let's shoot for 2:00 that day to discuss more specific topics. If you have conflicts with that afternoon or that time period, please reply to all with an alternative option.

I think it would be best to develop a list of topics in advance; I would appreciate Hollis and Jen each sending out to the rest of us the priority topics for their subject areas related to human activities. If any of us have additional ideas to add to those suggested by Hollis and Jen, please reply accordingly.

Steve Berendzen  
Refuge Manager, Arctic National Wildlife Refuge  
907 456 0253

**To:** Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-07-09T20:40:59-04:00  
**Importance:** Normal  
**Subject:** Re: More Information re: new RIN requests  
**Received:** 2018-07-09T20:41:21-04:00  
[1018-BD62.pdf](#)  
[1018-BD63.pdf](#)

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jul 9, 2018 at 4:37 PM Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Hi Christopher,  
Can you please forward the RIN reports sent by Anissa, I think they got stripped from Anissa's email when you sent it to me previously. Thanks.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Tue, Jul 3, 2018 at 11:25 AM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199

907-786-3844 office  
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-- J.R.R. Tolkien

----- Forwarded message -----

From: **Christopher Putnam** <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Date: Mon, Jul 2, 2018 at 12:03 PM  
Subject: Re: More Information re: new RIN requests  
To: Anissa Craghead <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)>  
Cc: Sara Prigan <[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)>, Wilkinson, Susan <[susan\\_wilkinson@fws.gov](mailto:susan_wilkinson@fws.gov)>, Katherine Garrity <[katherine\\_garrity@fws.gov](mailto:katherine_garrity@fws.gov)>

Hi Anissa,  
That's great news. For the two fields you entered "undetermined", we can reply "no". Both of these rules will not affect any other level of government, and both do not require Regulatory Flexibility Analysis. Let me know if you have any questions. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jul 2, 2018 at 11:33 AM Craghead, Anissa <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)> wrote:

Hi, Christopher.  
The RIN requests in the first batch were approved.  
Attached are the new agenda review reports for the two of yours that were in that batch. Please review them and let me know as soon as possible if you need any changes to them.



I responded "undetermined" for a couple of fields, as I'm not sure what the correct response should be. Those fields are "Government Levels Affected" (will these rules affect any Federal, State, tribal, or local governments?) and "Regulatory Flexibility Analysis" (Is an analysis required by the Regulatory Flexibility Act because this rulemaking is likely to have a significant impact on a substantial number of small entities?). Please let me know whether you'd like to retain "undetermined" for now (that's okay to do at the proposed rule stage) or provide me a another answer to these fields.

Thanks,  
Anissa

On Thu, Jun 21, 2018 at 1:07 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Anissa,  
Thanks for the update. Those summary sentences are fine. We can provide more details if needed.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Thu, Jun 21, 2018 at 6:14 AM Craghead, Anissa <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)> wrote:

Hi, Christopher. The RIN requests for your ITR actions are going through clearance; I'll let you know when I hear whether they are approved or denied.  
In the interim, because we're now under a crazy deadline to get the Fall unified agenda (UA) ready, I'm trying to get my ducks in a row should the RIN requests be approved and we have to quickly assign RINs. I wrote very short UA abstracts for your RIN requests; please revise as necessary:

We will propose to authorize the incidental take of polar bears on the coastal plain of the Arctic National Wildlife Refuge during oil and gas industry exploration seismic surveys and associated

activities.

We will propose to authorize the incidental take of northern sea otters in Cook Inlet, Alaska, during oil and gas exploration, development, and production activities.

Thanks,  
Anissa

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-07-09T20:41:41-04:00  
**Importance:** Normal  
**Subject:** Re: More Information re: new RIN requests  
**Received:** 2018-07-09T20:41:41-04:00

Thanks.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Mon, Jul 9, 2018 at 4:41 PM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
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Can you please forward the RIN reports sent by Anissa, I think they got stripped from  
Anissa's email when you sent it to me previously. Thanks.

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[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

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Supervisory Fish and Wildlife Biologist  
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----- Forwarded message -----

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Date: Mon, Jul 2, 2018 at 12:03 PM  
Subject: Re: More Information re: new RIN requests  
To: Anissa Craghead <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)>  
Cc: Sara Prigan <[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)>, Wilkinson, Susan <[susan\\_wilkinson@fws.gov](mailto:susan_wilkinson@fws.gov)>, Katherine Garrity <[katherine\\_garrity@fws.gov](mailto:katherine_garrity@fws.gov)>

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I responded "undetermined" for a couple of fields, as I'm not sure what the correct response should be. Those fields are "Government Levels Affected" (will these rules affect any Federal, State, tribal, or local governments?) and "Regulatory Flexibility Analysis" (Is an analysis required by the Regulatory Flexibility Act because this rulemaking is likely to have a significant impact on a substantial number of small entities?). Please let me know whether you'd like to retain "undetermined" for now (that's okay to do at the proposed rule stage) or provide me a another answer to these fields.

Thanks,  
Anissa

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Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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On Thu, Jun 21, 2018 at 6:14 AM Craghead, Anissa <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)> wrote:

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We will propose to authorize the incidental take of northern sea otters in Cook Inlet, Alaska, during oil and gas exploration, development, and production activities.

Thanks,  
Anissa

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Patrick Lemons[Patrick\_Lemons@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]; Kimberly Klein[kimberly\_klein@fws.gov]  
**From:** Hamilton, Charles  
**Sent:** 2018-07-13T12:49:57-04:00  
**Importance:** Normal  
**Subject:** Fwd: titles of two MMPA rules  
**Received:** 2018-07-13T12:50:40-04:00

Hi Christopher,

Well good news is looks like approval to get a RIN was granted for both ITRs. Now they ask the below, my preference would be using the location names as opposed to the species names as it is consistent with how we currently are doing the ITRs, but if you feel otherwise please let me know.

----- Forwarded message -----

From: **Susan Wilkinson** <[susan\\_wilkinson@fws.gov](mailto:susan_wilkinson@fws.gov)>  
Date: Fri, Jul 13, 2018 at 8:32 AM  
Subject: titles of two MMPA rules  
To: Diane Bowen <[diane\\_bowen@fws.gov](mailto:diane_bowen@fws.gov)>, "Hamilton, Charles" <[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)>  
Cc: Anissa Craghead <[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)>, Sara Prigan <[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)>

Hi---we have two new RINs for you, both of which have the same name: Incidental Take of Marine Mammals During Specified Activities (1018-BD62 and BD63)  
To differentiate between them, can we change the names to something like this?

Incidental Take of Marine Mammals During Specified Activities; Polar Bears

or

Incidental Take of Marine Mammals During Specified Activities; Arctic National Wildlife Refuge

The other rule would then be called:

Incidental Take of Marine Mammals During Specified Activities; Northern Sea Otters

or

Incidental Take of Marine Mammals During Specified Activities; Cook Inlet

Thanks.

--

Susan Wilkinson  
Division of Policy, Performance, and Management Programs  
U.S. Fish and Wildlife Service Headquarters

5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803

0000013813

703-358-2506

NOTE: Beginning April 23, 2018, until further notice, I am on detail to the DOI Office of the Executive Secretariat. You may reach me at my [fws.gov](mailto:fws.gov) email address, but my current phone number is: 202-208-5257.

--

Regards,

Charles S. Hamilton  
Special Assistant  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Rd., MS-341  
Anchorage, AK 99503  
Voice: (907) 786-3804  
FAX: (907) 786 - 3816



**To:** Hamilton, Charles[[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)]  
**Cc:** Diane Bowen[[diane\\_bowen@fws.gov](mailto:diane_bowen@fws.gov)]; Anissa Craghead[[anissa\\_craghead@fws.gov](mailto:anissa_craghead@fws.gov)]; Sara Prigan[[sara\\_prigan@fws.gov](mailto:sara_prigan@fws.gov)]; Mary Colligan[[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)]; Putnam, Christopher[[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)]; Patrick Lemons[[Patrick\\_Lemons@fws.gov](mailto:Patrick_Lemons@fws.gov)]; Klein, Kimberly[[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)]  
**From:** Susan Wilkinson  
**Sent:** 2018-07-13T15:49:28-04:00  
**Importance:** Normal  
**Subject:** Re: titles of two MMPA rules  
**Received:** 2018-07-13T15:49:43-04:00

Will make those changes to the Unified Agenda momentarily. Thanks so much for the quick response.

On Fri, Jul 13, 2018 at 3:36 PM Hamilton, Charles <[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)> wrote:

Hi Sue,

Thank you for asking, after speaking with our ARD, we suggest using the following to differentiate:

- 1) Incidental Take of Marine Mammals During Specified Activities: Arctic Coastal Plain
- 2) Incidental Take of Marine Mammals During Specified Activities: Cook Inlet

Please let me know if you have any questions.

On Fri, Jul 13, 2018 at 8:32 AM, Susan Wilkinson <[susan\\_wilkinson@fws.gov](mailto:susan_wilkinson@fws.gov)> wrote:

Hi---we have two new RINs for you, both of which have the same name: Incidental Take of Marine Mammals During Specified Activities (1018-BD62 and BD63)  
To differentiate between them, can we change the names to something like this?

Incidental Take of Marine Mammals During Specified Activities; Polar Bears

or

Incidental Take of Marine Mammals During Specified Activities; Arctic National Wildlife Refuge

The other rule would then be called:

Incidental Take of Marine Mammals During Specified Activities; Northern Sea Otters

or

Incidental Take of Marine Mammals During Specified Activities; Cook Inlet

Thanks.

--

Susan Wilkinson  
Division of Policy, Performance, and Management Programs  
U.S. Fish and Wildlife Service Headquarters

5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
703-358-2506

NOTE: Beginning April 23, 2018, until further notice, I am on detail to the DOI Office of the Executive Secretariat. You may reach me at my [fws.gov](mailto:fws.gov) email address, but my current phone number is: 202-208-5257.

--

Regards,

Charles S. Hamilton  
Special Assistant  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Rd., MS-341  
Anchorage, AK 99503  
Voice: (907) 786-3804  
FAX: (907) 786 - 3816

--

Susan Wilkinson  
Division of Policy, Performance, and Management Programs  
U.S. Fish and Wildlife Service Headquarters

5275 Leesburg Pike, MS: BPHC  
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**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Arctic Refuge Seismic ITR Analysis Brief  
**Start Date/Time:** 2018-07-18T17:30:00-04:00  
**End Date/Time:** 2018-07-18T18:30:00-04:00  
[invite.ics](#)

[more details »](#)

## Arctic Refuge Seismic ITR Analysis Brief

**When** Wed Jul 18, 2018 1:30pm – 2:30pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov organizer
- ryan\_r\_wilson@fws.gov
- kimberly\_klein@fws.gov
- patrick\_lemons@fws.gov
- mary\_colligan@fws.gov

**Going?** [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for invitations on calendar kimberly\_klein@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Arctic Refuge Seismic ITR Analysis Brief  
**Start Date/Time:** 2018-07-18T19:30:00-04:00  
**End Date/Time:** 2018-07-18T20:30:00-04:00  
[invite.ics](#)

**This event has been changed with this note:**

"Sorry, I initially entered the wrong time, this is the correct time."

[more details »](#)

**Arctic Refuge Seismic ITR Analysis Brief**

**When** **Changed:** Wed Jul 18, 2018 3:30pm – 4:30pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) organizer
- [ryan\\_r\\_wilson@fws.gov](mailto:ryan_r_wilson@fws.gov)
- [mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)
- [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)
- [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov) because you are subscribed for updated invitations on calendar [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Charles Hamilton[charles\_hamilton@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-07-18T17:38:40-04:00  
**Importance:** Normal  
**Subject:** Re: 1018-0070 Supporting Statement A for Upcoming Rulemaking  
**Received:** 2018-07-18T17:38:40-04:00

Ok, thanks.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Wed, Jul 18, 2018 at 1:01 PM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

No thanks, you take care of it. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Wed, Jul 18, 2018 at 12:47 PM Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Do either of you want to be in on a call with Madonna? If not, I will go ahead and call her

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Wed, Jul 18, 2018 at 12:20 PM Baucum, Madonna <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)> wrote:

Hi - It might be easier for me to explain how everything will work over a call, if that works for you? I'm available now until 6 pm today. I'll be in meetings most of the day tomorrow. But Friday is wide open as well.

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer  
**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

On Wed, Jul 18, 2018 at 4:11 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Madonna,  
Thank you for sending the information regarding revising the existing OMB IC for Incidental Take Regulations for polar bears on the North Slope to include the proposed activities in the Arctic National Wildlife Refuge. We are in the process of developing a proposed rule for the authorization of incidental take. I am wondering what the best way to proceed is. In the past, when requesting renewal of ICs, we have sent the draft FR document for the IC renewal forward from this office. If this is the best approach, can we combine the request to revise the IC together with the proposed Incidental Take Regulation into one FR document, or should they remain two separate documents?  
Thank you for your support and guidance.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Tue, May 22, 2018 at 10:23 AM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

I had a conversation with Madonna Baucum yesterday about our information collection authorization (IC) for the BS and CS ITRs and if it would cover the ITR for seismic surveys in the Arctic Refuge coastal plain. Her conclusion is that we will need to update the current IC with the relevant information about the new area and activities. The good news is that the IC process runs concurrently with the regulation promulgation process, so there is no additional time needed, and only a minimal amount of paperwork. She doesn't see a problem with our proposed timeline for the ITR with the IC.

I also asked here about an IC for the Cook Inlet ITR and the process is the same. Since we'll be promulgation a new regulation, the IC process will run concurrently. In fact, it looks like we can amend the Cook Inlet ITR IC into the current IC and in the end have a single comprehensive IC. That will simplify the renewal process in the future.

Madonna attached a couple of documents for reference and to get us started.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does  
not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

----- Forwarded message -----

From: Baucum, Madonna <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)>  
Date: Mon, May 21, 2018 at 10:44 AM  
Subject: 1018-0070 Supporting Statement A for Upcoming Rulemaking  
To: Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Cc: Madonna Baucum <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)>

Hi - Attached is the latest/greatest version of the Supporting Statement A last approved by  
OMB. You can use this as a starting point for your rule to revise 1018-0070 to include  
the requirements at the Arctic NWR. You'll want to review everything, but definitely  
update questions 1, 2, 8, 12, and 15. Don't forget to update the title of the collection to  
include the new subpart. I also updated question 14 for you; just remember to double  
check the updated calcs.

I'm also attaching a sheet that gives a quick overview of the process with rulemakings and  
information collection to help you understand how this will work.

Thanks!

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer  
**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

**To:** Patrick Lemons[patrick\_lemons@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Ryan Wilson[ryan\_r\_wilson@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-07-18T22:52:37-04:00  
**Importance:** Normal  
**Subject:** Followup from Arctic Refuge Seismic ITR Analysis Brief  
**Received:** 2018-07-18T22:53:07-04:00

Here are some notes following today's discussion:

1. Regarding FLIR surveys: SAE has committed to conducting a FLIR survey. In their response to our questions regarding the ITR petition, they state: "Similar to the shared FLIR survey program conducted by industry each year and by the USFWS in 2018, the FLIR survey will be conducted in potential polar bear habitat (based on USFWS descriptions) that occur within the planned operational area for that season."

2. Some revisions have been made to the "draft approach to estimating take" document. I will distribute a revised draft soon.

3. Unresolved questions related the the analysis include:  
whether Level B take of bears at dens will explicitly be included, and  
how take of bears in summer near the Kaktovik bone pile will be addressed (assuming SAE is willing to include summer activities). Some options may include: a. do not authorize take of bears at the bone pile (SAE will fly at their own risk). b. stipulate restrictions to prevent exceeding small numbers; c. authorize a limited amount of take near the bone pile assuming SAE will minimize activities near there.

Thank you all for your interest and efforts. More to come...

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)



**To:** Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-07-23T15:08:20-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Answers to questions\_MarshCreek Petition  
**Received:** 2018-07-23T15:08:20-04:00

Yes

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Mon, Jul 23, 2018 at 11:04 AM Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Do you have time to talk?

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

----- Forwarded message -----

From: **Suzan Simonds** <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>  
Date: Mon, Jul 23, 2018 at 6:23 AM  
Subject: [EXTERNAL] Answers to questions\_MarshCreek Petition  
To: Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>  
Cc: Marsh Creek Permitting <[MarshCreekPermitting@saexploration.com](mailto:MarshCreekPermitting@saexploration.com)>

Good Morning Kim

Thank you for your patience while we reviewed your questions. Your questions are highlighted in red with our response below.

0000013823

Line Item # 3: We suggest putting archaeology and bathometry into the petition if you think you may do it after 2018.

As for the archaeology and the bathometry we do not intend to include those into the petition for 2019/2020.

Line Item # 48 and 78: The mitigations should include the community expectations. The village is integrated with the bears during whaling season, they should have input on mitigations and timing of activities.(specific to barter island). We would like to have the notes and or summary of meetings held in relationship to polar bears and who the conversations were with.

The POC describes the different phases of the communication plans. Listed on page 9 are the preliminary planning meetings that have been held with community, agencies and stakeholders. We are in the permitting phase of the project at this time. Discussion concerning polar bears and timing have not taken place and are planned for future fall meetings. ASRC will use the attached meeting format to document formal and informal meetings for tracking. Meetings that have discussion of polar bears and polar bear mitigations will be logged in with a summary of the topics and who attended the meetings. Any actions items and or requests such as buffers around village of Kaktovik or restriction on time windows will also be documented. ASRC will not be formally meeting with the whaling commission for winter seismic activities. There will be a courtesy informal notification. Most community communications will be with Kaktovik subsistence users, Native Village of Kaktovik, KIC and other winter season subsistence users in the area.

Suzan Simonds  
Permit and Regulatory Manager  
**SAExploration, Inc.**  
**Safety – Acquisition - Experience**  
8240 Sandlewood Pl., Suite 102  
Anchorage, AK 99507

907-331-8140 Cell  
907-522-4499 Main  
907-522-4498 Fax

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-07-23T19:54:20-04:00  
**Importance:** Normal  
**Subject:** Re: Heads Up - call incoming  
**Received:** 2018-07-23T19:54:23-04:00

Probably not thanks, but thought a bit of a heads up might help...

On Mon, Jul 23, 2018 at 3:48 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Thanks?

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
[1011 East Tudor Rd](#), MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Mon, Jul 23, 2018 at 3:45 PM Conn, Sarah <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)> wrote:

From Susane Bostrum of Trustees for Alaska. They'd seen reference to a Petition for ITRs on a BLM website in relation to the 1002 Seismic proposal.  
I called her and after speaking to her and figuring out what she was referring to I gave her your number as I wasn't sure on the status of the documents etc. and didn't want to misrepresent anything.

Cheers,

Sarah

**To:** Edward Decleva[edward\_decleva@fws.gov]  
**Cc:** Steve Berendzen[steve\_berendzen@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Fox, Joanna[joanna\_fox@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]; Joshua Rose[joshua\_rose@fws.gov]; Nichelle (Shelly) Jones[njones@blm.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-07-30T10:36:27-04:00  
**Importance:** Normal  
**Subject:** Re: Follow up to phone call, Q. re Summer work related to seismic  
**Received:** 2018-07-30T10:36:59-04:00

OK, thanks Ed. Have a great day.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Mon, Jul 30, 2018 at 6:25 AM Edward Decleva <[edward\\_decleva@fws.gov](mailto:edward_decleva@fws.gov)> wrote:

Hi Kimberly,

I haven't heard anything from BLM regarding permitting or potentially associated archeological surveys. My guess is I'll be asked by BLM to provide input/feedback when permit applications are received.

Sorry, I just don't know anything.

Ed

Edward J. DeCleva  
Regional Historic Preservation Officer  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E Tudor Rd, MS-235  
Anchorage, AK 99503

[edward\\_decleva@fws.gov](mailto:edward_decleva@fws.gov)  
907-786-3399

On Fri, Jul 27, 2018 at 7:08 PM Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Thanks so much Steve.

It is my understanding that BLM will not be permitting any summer activities this year. Future years will be permitted separately but they have not at this point received any application for bathymetry or archaeology.

Ed, I look forward to your thoughts on whether SAE will be asked to conduct archaeology surveys.

Thanks to all.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Fri, Jul 27, 2018 at 6:49 PM Berendzen, Steve <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)> wrote:

Kimberly,

My understanding is that the refuge will not be issuing any permits to SAE for the seismic work. BLM has the responsibility for permitting oil & gas activities. We expect to have input into the permitting of activities, as well as some oversight of activities when they're conducted.

As far as archaeological surveys are concerned, I would defer that to Ed DeCleva who is our regional archaeologist. I'm not aware of any anticipated summer work other than the clean up that you mention. However, it would be best to get feedback from Shelly Jones who is leading this effort for BLM. I've been out of contact with the Seismic EA effort for the last couple weeks, and others will likely be better able to answer some of your questions - to those who can, please do so.

Steve Berendzen  
Refuge Manager, Arctic National Wildlife Refuge  
907 456 0253

On Fri, Jul 27, 2018 at 2:28 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Hi Steve,

As you know, the MMM Office, has received a request for incidental take of polar bears during winter seismic work in the 1002 Area of the Arctic National Wildlife Refuge. In our review, we have been considering whether take should be included for related summer work. Summer activities could include archaeology surveys, clean up work, and nearshore coastal bathymetry surveys. SAE, when asked whether these activities will occur, confirmed that clean up work will be done. However, they do not want to include archaeology or bathymetry work in their request for incidental take of polar bears. While this means that SAE is probably not currently planning to do this work, we are concerned that SAE may need to do this work at a later time.

The question for your shop is, will you require SAE to conduct archaeology field studies or any other summer work, other than post-seismic site checks and clean up work, as a condition of a Refuge permit?

If so, we will consider this as a component of the project to make sure that SAE will not be precluded from this action due to lack of incidental take authorization for polar bears for this work. If not, then we are not going to include summer surveys in the activity we analyze.

Thanks for all your work on this,

**Kimberly Klein**

Incidental Take Coordinator

US Fish and Wildlife Service

907 786 3621

**Kimberly\_Klein@fws.gov**

**To:** Berendzen, Steve[steve\_berendzen@fws.gov]  
**Cc:** Kimberly Klein[kimberly\_klein@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Decleva, Edward[edward\_decleva@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]; Joshua Rose[joshua\_rose@fws.gov]; Donna Wixon[dwixon@blm.gov]; Debora Nigro[dnigro@blm.gov]; LaMarr, Sarah[slamarr@blm.gov]; Sarah Conn[sarah\_conn@fws.gov]  
**From:** Jones, Nichelle (Shelly)  
**Sent:** 2018-07-30T12:57:58-04:00  
**Importance:** Normal  
**Subject:** Re: Follow up to phone call, Q. re Summer work related to seismic  
**Received:** 2018-07-30T12:58:42-04:00

Debbie Nigro, Sarah LaMarr, Donna Wixon and I spoke to Christopher, Sarah Conn and Drew last week, we discussed our understanding that stick picking would likely be a stipulation of the BLM permit. It is a standard operating practice for most activities like this where there are camps, lathe being used to mark routes and avoidance areas and duck ponds being used under equipment to prevent drips and spills. The applicant would normally be required to go out in the summer time with helicopters dropping people off to retrieve any garbage or debris that might have blown loose during the winter or gotten buried by the snow.

Following my brief discussion with our archaeologist, I came away with the feeling that he does not anticipate adverse impacts to archaeological resources as long as known sights are avoided and minimum tundra opening conditions are met.

I will try to find out from the IDT if they have had a chance to review the lakes SAE identified as possibilities for drinking water. I believe the volume of water may be so low compared to the size of the lakes being targeted, that we will be able to predict the nature and magnitude of the impacts without additional data collection.

The near shore areas are another question. It did not sound to me like SAE was following up on that aspect of the project. When we met with them a couple of weeks ago, it sounded like they were dropping the discussion of doing work in the ocean during the summer, but did plan to use the coastal areas under frozen conditions out to the edge of the grounded ice- expected I believe they said to be at least at a depth of 10 feet.

Others often keep better notes than I do at these meetings. So much of the information is new to me, that I occasionally find my own notes confusing and jumbled. If others remember things differently, please chime in and I am happy to agree to corrections.

-Shelly

Shelly Jones  
Acting Manager  
Arctic District Office  
222 University Avenue  
Fairbanks, AK 99709

(907) 474-2310 (w)

(907) 460 0086 (c)

On Fri, Jul 27, 2018 at 6:49 PM, Berendzen, Steve <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)> wrote:

Kimberly,

My understanding is that the refuge will not be issuing any permits to SAE for the seismic work. BLM has the responsibility for permitting oil & gas activities. We expect to have input into the permitting of activities, as well as some oversight of activities when they're conducted.

As far as archaeological surveys are concerned, I would defer that to Ed DeCleva who is our regional archaeologist. I'm not aware of any anticipated summer work other than the clean up that you mention. However, it would be best to get feedback from Shelly Jones who is leading this effort for BLM. I've been out of contact with the Seismic EA effort for the last couple weeks, and others will likely be better able to answer some of your questions - to those who can, please do so.

Steve Berendzen  
Refuge Manager, Arctic National Wildlife Refuge  
907 456 0253

On Fri, Jul 27, 2018 at 2:28 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Hi Steve,

As you know, the MMM Office, has received a request for incidental take of polar bears during winter seismic work in the 1002 Area of the Arctic National Wildlife Refuge. In our review, we have been considering whether take should be included for related summer work. Summer activities could include archaeology surveys, clean up work, and nearshore coastal bathymetry surveys. SAE, when asked whether these activities will occur, confirmed that clean up work will be done. However, they do not want to include archaeology or bathymetry work in their request for incidental take of polar bears. While this means that SAE is probably not currently planning to do this work, we are concerned that SAE may need to do this work at a later time.

The question for your shop is, will you require SAE to conduct archaeology field studies or any other summer work, other than post-seismic site checks and clean up work, as a condition of a Refuge permit?

If so, we will consider this as a component of the project to make sure that SAE will not be precluded from this action due to lack of incidental take authorization for polar bears for this work. If not, then we are not going to include summer surveys in the activity we analyze.

Thanks for all your work on this,

**Kimberly Klein**  
Incidental Take Coordinator

0000013830



US Fish and Wildlife Service  
907 786 3621  
**Kimberly\_Klein@fws.gov**

**To:** Charles Hamilton[[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)]  
**Cc:** Patrick Lemons[[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)]; Christopher Putnam[[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)]  
**From:** Kimberly Klein  
**Sent:** 2018-07-30T14:37:46-04:00  
**Importance:** Normal  
**Subject:** Re: FYI: Application for Incidental take of polar bears  
**Received:** 2018-07-30T14:38:14-04:00

Charlie and Patrick. Thanks for the suggestions, I will definitely pass it to Drew. There is no specific inquiry or information need here, it's just an FYI for their programs.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Mon, Jul 30, 2018 at 10:21 AM Hamilton, Charles <[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)> wrote:

Thanks for including me, I don't have a problem with passing it on as as relevant information but I do wonder why we would be asking for input from the other programs? If you feel it is necessary to get input from them on some aspect than suggest you specifically ask/clarify what input you need?

On Mon, Jul 30, 2018 at 9:47 AM, Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)> wrote:

Hi Kim,  
Thanks for the email. I'm definitely supportive of the idea but we should probably coordinate this through Drew. If you or Christopher can check with him before passing along, that would be great. That way we're covered moving forward as he is the 1002 FES coordinator.

Cheers,  
Patrick

On Fri, Jul 20, 2018 at 1:15 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Patrick, We have received an application for an LOA from SAE for winter seismic work immediately outside of the 1002 area. I would like to make the 1002 team aware of this request. Please take a look and see if you concur with sending this email to Bob Henzie, Ted Swem and Steve B. Let me know if you have questions or recommendations. Thank you.

---

Suggested text: The Marine Mammals Management office has received an application for incidental take of polar bears associated with winter seismic work by the same company that is requesting to do the exploratory seismic work in the refuge. The area is included in

the existing Incidental Take Regulations for polar bears and we will review it for consistency with these regulations prior to issuing a Letter of Authorization. However, given the vicinity to the refuge and the concurrent work that could be going on at the same time in the Refuge, we are requesting input from your programs as well.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621

**Kimberly\_Klein@fws.gov**

--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: patrick\_lemons@fws.gov

--

Regards,

Charles S. Hamilton  
Special Assistant  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Rd., MS-341  
Anchorage, AK 99503  
Voice: (907) 786-3804  
FAX: (907) 786 - 3816

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Wilder, James  
**Sent:** 2018-07-31T14:49:04-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-07-31T14:49:08-04:00

Ha! That about sums it up

On Tue, Jul 31, 2018 at 10:29 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

It's short and it's a haiku, this should be perfect for a "brief". Don't say I never gave you anything.

White bear of the North  
Hungry polar bear hunting  
No ice, no seal, death

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Tue, Jul 31, 2018 at 10:24 AM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Same here.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does

not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Tue, Jul 31, 2018 at 10:23 AM Wilder, James <[james\\_wilder@fws.gov](mailto:james_wilder@fws.gov)> wrote:

Ok, if he could forecast what he wants for a "polar bear brief", that would be useful.

On Tue, Jul 31, 2018 at 8:03 AM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

I have told Steve we can provide a briefing and asked for days and times but have not yet heard back. I don't know any more about this than what is listed below, but it would be great if you guys could join me when/if this comes together.

Thanks

----- Forwarded message -----

From: **Wackowski, Stephen** <[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)>

Date: Mon, Jul 30, 2018 at 7:50 AM

Subject: MMPA/ITR link up

To: James Schindler <[james.schindler@boem.gov](mailto:james.schindler@boem.gov)>, Mary Colligan

<[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Greg Siekaniec <[greg\\_siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)>

Mary-

James, our Senior Adviser at BOEM is going to be in Anchorage this week. I was hoping you and your team would have time to meet with him to chat MMPA and ITRs for the Arctic. Also, could give him a Polar Bear brief?

Thanks,

Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
Department of the Interior  
4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503

0000013835

907-786-3505  
cell: 907-223-5945

--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786 3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786 3816

--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786 3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786 3816

**To:** Wilder, James[james\_wilder@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Patrick Lemons[pattick\_lemons@fws.gov]  
**From:** Colligan, Mary  
**Sent:** 2018-08-01T13:44:16-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-08-01T13:44:19-04:00  
2018 August Polar Bear Briefing.docx

I was thinking that you guys used a power point for the Sheehan briefing, but honestly I can't remember. It was a weird briefing, I remember that part....

I have attached an updated list of bullets. Since we don't know what he is interested in, it is hard to develop a briefing. Anyways, take a look and see what you think. We should probably add a bullet for I I also, what do you think?

On Tue, Jul 31, 2018 at 4:00 PM, Wilder, James <james\_wilder@fws.gov> wrote:

I can make it.

I think the attached is what you are referring to? And another for fun:

On Tue, Jul 31, 2018 at 3:54 PM, Colligan, Mary <mary\_colligan@fws.gov> wrote:

Looks like Thursday at 11 12. Can you guys attend then? Not sure we will get any more details before then. Didn't you recently put together a polar bear overview for PDD Sheehan when he visited?

----- Forwarded message -----

From: **Schindler, James** <james.schindler@boem.gov>

Date: Tue, Jul 31, 2018 at 2:49 PM

Subject: Re: MMPA/ITR link up

To: Greg Siekaniec <greg\_siekaniec@fws.gov>

Cc: "Colligan, Mary" <mary\_colligan@fws.gov>, "Wackowski, Stephen" <stephen\_wackowski@ios.doi.gov>

11 works, but I have to step out at noon for a conference call. Thanks!

On Tue, Jul 31, 2018 at 6:48 PM, Greg Siekaniec <greg\_siekaniec@fws.gov> wrote:

James,

My apology as I have a 10:00 am call with our headquarters office. 11:00 am could work though.

Greg

Sent from my iPhone

On Jul 31, 2018, at 2:45 PM, Schindler, James <james.schindler@boem.gov> wrote:

Thanks Steve! Hi Mary and Greg, does Thursday morning 10am work for you guys? I'm happy to come to your building if you give me an address and instructions.

On Mon, Jul 30, 2018 at 7:49 PM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

Hi Steve We would be happy to talk MMPA and polar bears. Please let us know what days & times work for you and I will coordinate with our team here.

Thanks,  
Mary

On Mon, Jul 30, 2018 at 7:50 AM, Wackowski, Stephen  
<[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Mary-  
James, our Senior Adviser at BOEM is going to be in Anchorage this week. I was hoping you and your team would have time to meet with him to chat MMPA and ITRs for the Arctic. Also, could give him a Polar Bear brief?

Thanks,

Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
Department of the Interior  
4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945



--

Mary Colligan  
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Marine Mammals Management, Polar Bear Program Leader  
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U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]  
**From:** Wilder, James  
**Sent:** 2018-08-01T17:52:09-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-08-01T17:52:14-04:00  
2018 August Polar Bear Briefing jw.docx

Looks good. I added some stuff in the attached:

On Wed, Aug 1, 2018 at 9:44 AM, Colligan, Mary <mary\_colligan@fws.gov> wrote:

I was thinking that you guys used a power point for the Sheehan briefing, but honestly I can't remember. It was a weird briefing, I remember that part....

I have attached an updated list of bullets. Since we don't know what he is interested in, it is hard to develop a briefing. Anyways, take a look and see what you think. We should probably add a bullet for I I also, what do you think?

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----- Forwarded message -----

From: **Schindler, James** <james.schindler@boem.gov>

Date: Tue, Jul 31, 2018 at 2:49 PM

Subject: Re: MMPA/ITR link up

To: Greg Siekaniec <greg\_siekaniec@fws.gov>

Cc: "Colligan, Mary" <mary\_colligan@fws.gov>, "Wackowski, Stephen" <stephen\_wackowski@ios.doi.gov>

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Sent from my iPhone

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Hi Steve We would be happy to talk MMPA and polar bears. Please let us know what days & times work for you and I will coordinate with our team here.

Thanks,  
Mary

On Mon, Jul 30, 2018 at 7:50 AM, Wackowski, Stephen  
<[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Mary-  
James, our Senior Adviser at BOEM is going to be in Anchorage this week. I was hoping you and your team would have time to meet with him to chat MMPA and ITRs for the Arctic. Also, could give him a Polar Bear brief?

Thanks,

Steve

Steve Wackowski  
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--

Mary Colligan  
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--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786 3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786 3816

--

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1011 E. Tudor Rd., MS341

Anchorage, AK 99503

Office Phone: (907) 786 3913

Email: james\_wilder@fws.gov

Fax: (907) 786 3816

**To:** Klein, Kimberly[kimberly\_klein@fws.gov]  
**Cc:** Bridget Crokus[bridget\_crokus@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-08-02T14:15:23-04:00  
**Importance:** Normal  
**Subject:** Re: Preliminary analysis results  
**Received:** 2018-08-02T14:15:23-04:00

Thank Kim.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Wed, Aug 1, 2018 at 2:37 PM Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

I have completed preliminary analysis for take during summer cleanup. For two years of overflights with up to 15 landings a day they will need to conduct work in June or July only, or will need to remain 15 km or more away from Barter, Bernard and Jago Spit for the number of takes to remain small during Aug-Oct.

This assumes that 17% of bears exposed to aircraft activity will experience take, and does not account for any effective mitigation. There may be some info available for effectiveness of mitigation, but not sure yet, still looking into that piece.

More to come, thanks...

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-08-03T19:02:05-04:00  
**Importance:** Normal  
**Subject:** Re: Information from SAE  
**Received:** 2018-08-03T19:02:05-04:00

Got it, thanks!

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907 786 3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Fri, Aug 3, 2018 at 2:26 PM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does  
not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

----- Forwarded message -----

From: **Nigro, Debora** <[dnigro@blm.gov](mailto:dnigro@blm.gov)>  
Date: Fri, Aug 3, 2018 at 2:18 PM  
Subject: Information from SAE  
To: Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
Cc: Sarah LaMarr <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Wixon, Donna <[dwixon@blm.gov](mailto:dwixon@blm.gov)>,  
<[blm\\_ak\\_coastal\\_plain\\_seismic\\_ea@blm.gov](mailto:blm_ak_coastal_plain_seismic_ea@blm.gov)>

Hi Christopher,

In an attempt to keep your group in the loop we did receive answers to a few additional

questions that we asked SAE and wanted to share the answers with you.

Debbie

*SAE would like to clarify with additional information some of our responses from the past few days between BLM and SAE on these topics/questions:*

**BLM: Would you please confirm that the proposed seismic includes all of the sea ice contained within the boundary of coastal plain?**

*To clarify, as in the plan of operations within the 1002 area, “Vibrators will only operate on snow covered tundra or grounded sea ice” (page # 9). It is also our intent to lay out recording devices beyond grounded ice but not further than the 3 meter bathymetry mark.*

**Regarding Bathymetry:**

*Our intent is to use existing data that has been collected by the traditional users of the area. All other bathymetry will be collected during our winter ice check operations. At no time will any vehicles exceed travelling on waters beyond the 3 meter bathymetry mark. It is our intent to stay on grounded ice in the lagoonal areas during our acquisition program.*

**Regarding Archaeology:**

*ASRC has commissioned two Cultural Resources Desktop Studies in the 1002 Area of ANWR. The first study encompassed the western-half of the 1002 Area and was completed in late 2017. Subsequently, ASRC commissioned a second study in April 2018 which encompassed the eastern-half of the 1002 Area of ANWR. Both studies include all known and identified sites from both SHPO and the NSB TLUI. ASRC also reviewed a third study conducted by the USACE in 2011 of the coastal area of the 1002 Area to ensure that all known sites were documented and captured. Through agreements with SHPO and the NSB ASRC has procured all the coordinates for navigation avoidance for a seismic program. During our meetings with the BLM these Cultural Resources Desktop Studies have been referenced. We have not yet provided them to the BLM and can do so without the geographic coordinates. ASRC is also aware the BLM archeologist has also requested all the sites from SHPO and the NSB and we are happy to additionally consult.*

**Regarding summer clean up activities:**

*Summer cleanup and inspections take place to visit all camp locations and areas of high use*



*from the operations to revisit and inspect and pick up any debris that may have been covered by weather and inadvertently left behind. The helicopter tracks the flight path and landings during the operations and that information is provided to BLM in a final inspection report.*

--

Debbie Nigro  
Bureau of Land Management  
222 University Ave.  
Fairbanks, AK 99709  
907-474-2324  
[dnigro@blm.gov](mailto:dnigro@blm.gov)

**To:** Christopher Putnam[christopher\_putnam@fws.gov]; kimberly\_klein[kimberly\_klein@fws.gov]  
**Cc:** Patrick Lemons[pattick\_lemons@fws.gov]  
**From:** Colligan, Mary  
**Sent:** 2018-08-06T12:24:08-04:00  
**Importance:** Normal  
**Subject:** Incidental Take  
**Received:** 2018-08-06T12:24:12-04:00  
[Approach to Estimating Incidental Take of PBs from proposed Seismic surveys and related activities.docx](#)

Christopher and Kim Patrick and I wanted to get back to you with some thoughts on the approach to estimating incidental take for the seismic ITRs and then headed off to Russia and lost connectivity. We did talk about it a bit and put together the attached for your consideration. I set up a meeting on Friday for us to talk as that is the first day Patrick is back, but I know from talking to Christopher that according to your schedule, you will already have a draft at that point. If you want to talk earlier this week about anything in the attached, please let me know.

Thanks

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Charles Hamilton[charles\_hamilton@fws.gov]; Lemons, Patrick[patrick\_lemons@fws.gov]; Colligan, Mary[mary\_colligan@fws.gov]  
**From:** Nigro, Debora  
**Sent:** 2018-08-06T20:10:08-04:00  
**Importance:** Normal  
**Subject:** Re: Coastal Plain Seismic EA  
**Received:** 2018-08-06T20:10:11-04:00

Understood, thanks for getting back to me.  
Deb

On Mon, Aug 6, 2018 at 11:38 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Hi Debbie,  
Unfortunately, give the different timelines that BLM and our office are working under, the MMPA ITR document we are working on is not developed enough to share. Our first deadline for internal review is August 13. After the ITR document has been reviewed by our immediate leadership, we should be able to share sections from it.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Fri, Aug 3, 2018 at 8:28 AM Nigro, Debora <[dnigro@blm.gov](mailto:dnigro@blm.gov)> wrote:

Hi Christopher,  
I am tasked with writing up the polar bear sections for chapters 3 and 4 of the seismic EA. My due date for the draft of these sections is next Friday and I am wondering if you could send me a draft of your ITR document from which I can extract the information I need for chapters 3 & 4? The chapter 3 info is the description of the species and habitat and status in the area and chapter 4 is analysis of the possible impacts from the activity and how those impacts may be mitigated.

Thanks for considering this request.

Debbie

--

Debbie Nigro  
Bureau of Land Management  
222 University Ave.  
Fairbanks, AK 99709  
907-474-2324  
[dnigro@blm.gov](mailto:dnigro@blm.gov)

--

Debbie Nigro  
Bureau of Land Management  
222 University Ave.  
Fairbanks, AK 99709  
907-474-2324  
[dnigro@blm.gov](mailto:dnigro@blm.gov)

**To:** Ted Swem[ted\_swem@fws.gov]; Kaithryn Ott[kaithryn\_ott@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Kimberly Klein[kimberly\_klein@fws.gov]; Crane, Drew[drew\_crane@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-08-06T20:45:45-04:00  
**Importance:** Normal  
**Subject:** Fwd: Proposed Action - SAExploration Seismic  
**Received:** 2018-08-06T20:45:49-04:00  
SAExploration Proposed Action BLM 8.6.2018.docx

This just in from BLM. Ted, you and I might need to sit down here shortly and map out how we are going to tackle this consultation.

Thanks,

Sarah

----- Forwarded message -----

**From:** Nigro, Debora <[dnigro@blm.gov](mailto:dnigro@blm.gov)>  
**Date:** Mon, Aug 6, 2018 at 3:18 PM  
**Subject:** Proposed Action - SAExploration Seismic  
**To:** Sarah Conn <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)>  
**Cc:** "Wixon, Donna" <[dwixon@blm.gov](mailto:dwixon@blm.gov)>, Sarah LaMarr <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

Hi Sarah,

I preparation for BLMs ESA consultation on the SAExploration seismic proposal I am sending you our latest draft of the proposed action. Please let me know if you have any questions. Shelly approved this document and I'm not sure who else needs to see it on the FWS end so I'll leave that up to you!

Thanks,

Debbie

--

Debbie Nigro  
Bureau of Land Management  
222 University Ave.  
Fairbanks, AK 99709  
907-474-2324  
[dnigro@blm.gov](mailto:dnigro@blm.gov)

**From:** Google Calendar  
**Location:** mmm conf room if avail. Christophers office if not?  
**Importance:** Normal  
**Subject:** Talk with Ryan about 1002  
**Start Date/Time:** 2018-05-10T19:00:00-04:00  
**End Date/Time:** 2018-05-10T20:00:00-04:00  
[invite.ics](#)

**Christopher Putnam has accepted this invitation.**

### **Talk with Ryan about 1002**

**When** Thu May 10, 2018 3pm – 4pm Alaska Time

**Where** mmm conf room if avail. Christophers office if not? ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/kimberly-klein](https://hangouts.google.com/hangouts/_/doi.gov/kimberly-klein)

**Calendar** kimberly\_klein@fws.gov

**Who**

- kimberly\_klein@fws.gov - organizer
- christopher\_putnam@fws.gov
- ryan\_r\_wilson@fws.gov

Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for invitation replies on calendar kimberly\_klein@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** NWR Coastal Plain Seismic Survey MMPA Process Discussion  
**Start Date/Time:** 2018-05-15T19:30:00-04:00  
**End Date/Time:** 2018-05-15T20:30:00-04:00  
[invite.ics](#)

[more details »](#)

## **NWR Coastal Plain Seismic Survey MMPA Process Discussion**

**When** Tue May 15, 2018 3:30pm – 4:30pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- patrick\_lemons@fws.gov
- charles\_hamilton@fws.gov
- ken.lord@sol.doi.gov

**Going?** [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

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**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** ANWR 1002 Area Seismic Survey MMPA Planning  
**Start Date/Time:** 2018-05-17T15:00:00-04:00  
**End Date/Time:** 2018-05-17T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

## ANWR 1002 Area Seismic Survey MMPA Planning

**When** Thu May 17, 2018 11am – 12pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- forrest\_hannan@fws.gov
- bridget\_crokus@fws.gov

**Going?** **Yes** - **Maybe** - **No** [more options »](#)

Invitation from [Google Calendar](#)

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**To:** Amal Ajmi[amal\_ajmi@fws.gov]; Angela Matz[angela\_matz@fws.gov]; Betsy McCracken[betsy\_mccracken@fws.gov]; Bob Henszey[bob\_henszey@fws.gov]; Bridget Crokus[bridget\_crokus@fws.gov]; Catherine Yeargan[catherine\_yeargan@fws.gov]; Charleen Buncic[charleen\_buncic@fws.gov]; Charles Hamilton[charles\_hamilton@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]; Douglass Cooper[douglass\_cooper@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Erin Knoll[erin\_knoll@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]; James MacCracken[james\_maccracken@fws.gov]; James Wilder[james\_wilder@fws.gov]; Jennifer Spegon[jennifer\_j\_spegon@fws.gov]; Joel GarlichMiller[joel\_garlichmiller@fws.gov]; Jonathan Snyder[jonathan\_snyder@fws.gov]; Kaithryn Ott[kaithryn\_ott@fws.gov]; Kate Martin[kate\_martin@fws.gov]; Kevin Foley[kevin\_foley@fws.gov]; Kimberly Klein[kimberly\_klein@fws.gov]; Leah Kenney[leah\_kenney@fws.gov]; Louise Smith[Louise\_Smith@fws.gov]; Michelle Kissling[michelle\_kissling@fws.gov]; Michelle StMartin[Michelle\_StMartin@fws.gov]; Neesha Stellrecht[neesha\_stellrecht@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]; Robert Lynn[robert\_lynn@fws.gov]; Ryan Wilson[ryan\_r\_wilson@fws.gov]; Sarah Conn[sarah\_conn@fws.gov]; Susanne Miller[susanne\_miller@fws.gov]; Ted Swem[ted\_swem@fws.gov]; Veronica Varela[veronica\_varela@fws.gov]; William Beatty[william\_beatty@fws.gov]  
**Cc:** Wigglesworth, David[david\_wigglesworth@fws.gov]; Stewart Cogswell[stewart\_cogswell@fws.gov]  
**From:** Burns, Melissa  
**Sent:** 2018-05-15T12:50:44-04:00  
**Importance:** Normal  
**Subject:** Agenda: Region 7 Monthly CPA/ES Call (May 16th at 1 PM)  
**Received:** 2018-05-15T13:00:00-04:00  
[CPA ES Call May Agenda 20180515.docx](#)

Hi All,

As a reminder we have our monthly CPA/ES call this week (1 PM on the 16th). Please see the attached agenda and let me know if you have any topics you'd like to add.

I've reserved the Mary Smith Conference Room, so please join us for the call there if you are able. For those who can't meet in person, please use the information below to dial into the meeting:

Call-in Number: 866-724-0512

Participant Passcode: 65474003

Thanks,

Melissa

--

Melissa Burns  
Regional Conservation Planning Coordinator  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, AK 99503  
907-786-3451

0000013855

**To:** Hilderbrand, Grant[ghilderbrand@usgs.gov]; Atwood, Todd[tatwood@usgs.gov]; James Wilder[James\_Wilder@fws.gov]; Christopher Putnam[Christopher\_Putnam@fws.gov]  
**Cc:** Colligan, Mary[mary\_colligan@fws.gov]; Klein, Kimberly[kimberly\_klein@fws.gov]  
**From:** Lemons, Patrick  
**Sent:** 2018-05-16T00:20:33-04:00  
**Importance:** Normal  
**Subject:** SBS Polar Bear Population Estimate  
**Received:** 2018-05-16T00:20:37-04:00

Hi Grant and Todd,

We recently received a project plan for ASRC and SAE for a 2018/2019 winter seismic survey in the 1002 Area of the ANWR. We're therefore expecting an application for an Incidental Take Regulations under the MMPA for take of polar bears in this area which would ambitiously require us to complete the process by January 1, 2019. A critical part of our determinations in authorizing take of polar bears incidental to their activities involves a population estimate for the SBS population of polar bears. I understand that Jeff is working to update the mark-recapture estimate since his last work ended at 2010 and the new estimate should be available sometime around mid September of 2018. Unfortunately this has the potential to cause us significant issues given we'll need the best available information incorporated into our process by mid July and at worst, August 1. I know what I'm asking is no small request, but what's the possibility of pushing this to get something usable by July 15 - Aug 1, 2018? If that's not doable, can we setup a time to discuss options in the very near future?

I'm out of town from the 17th-24th. If we can't find a time to discuss on tomorrow, the 16th of May, can we setup a call for sometime while I'm on leave? This is pretty urgent on our end so I do apologize, but I can image you can relate. Anyway, let me know what works for you and we'll go from there.

Thanks,  
Patrick

--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

**From:** Google Calendar  
**Location:** MMM  
**Importance:** Normal  
**Subject:** SAE ANWR 1002 Seismic Meeting  
**Start Date/Time:** 2018-05-18T14:00:00-04:00  
**End Date/Time:** 2018-05-18T15:00:00-04:00  
[invite.ics](#)

[more details »](#)

## SAE ANWR 1002 Seismic Meeting

**When** Fri May 18, 2018 10am – 11am Alaska Time

**Where** MMM ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov

**Going?** [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for invitations on calendar kimberly\_klein@fws.gov.

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**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Drew Crane[drew\_crane@fws.gov]  
**From:** Patrick Lemons  
**Sent:** 2018-05-18T16:23:04-04:00  
**Importance:** Normal  
**Subject:** Re: POSSIBLE MEETING AT 12:30  
**Received:** 2018-05-18T16:23:08-04:00

If you want me to call in, let me know and a good number. Looks like it starts here in 10 minutes.

Sent from my iPhone

On May 18, 2018, at 1:28 PM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

Sounds like PDD Sheehan wants to talk about polar bears and given the schedule today they are cancelling the RDT lunch and proposing that we meet with him around 12:30 on FES (since we ran out of time at our 9 am meeting to cover all of the programs) and polar bears and MMPA/ESA.

Just talked with Christopher and he is going to participate. Haven't found Drew yet...

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**From:** Google Calendar  
**Location:** MMM  
**Importance:** Normal  
**Subject:** ANWR Coastal Plain ITR Team Meeting  
**Start Date/Time:** 2018-05-31T18:00:00-04:00  
**End Date/Time:** 2018-05-31T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### ANWR Coastal Plain ITR Team Meeting

ITR team meeting to update our status and assign tasks.

When Thu May 31, 2018 2pm – 3pm Alaska Time

Where MMM ([map](#))

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

Calendar kimberly\_klein@fws.gov

Who

- [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) - organizer
- [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)
- [forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)
- [bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)

Going? **[Yes](#)** - **[Maybe](#)** - **[No](#)** [more options »](#)

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To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

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**To:** Bridget Crokus[bridget\_crokus@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]  
**From:** Klein, Kimberly  
**Sent:** 2018-06-01T13:59:31-04:00  
**Importance:** Normal  
**Subject:** Re: SBS SAR  
**Received:** 2018-06-01T14:00:04-04:00

Thanks everyone.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Thu, May 31, 2018 at 4:32 PM, Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)> wrote:

Well, it's a whole lot closer than some attempts I've seen. Just blame it on a sticky T key.

**From:** Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
**Sent:** Thursday, May 31, 2018 4:31 PM  
**To:** Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>  
**Cc:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>  
**Subject:** Re: SBS SAR

Yes, I know, I just spelled Bridget's name wrong! :-0

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

1011 East Tudor Rd, MS 341

Anchorage, AK 99503-6199

907-786-3844 office

907-268-0577 mobile

907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Thu, May 31, 2018 at 4:30 PM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Thanks Bridgett.

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

1011 East Tudor Rd, MS 341

Anchorage, AK 99503-6199

907-786-3844 office

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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Thu, May 31, 2018 at 4:21 PM Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)> wrote:

Hello, seismic gang,

I spoke to Charlie after our meeting today about the status of the Southern Beaufort Sea polar bear stock assessment report. He informed me that the final is still making its way through the process (is with HQ now) and while he can't guess when it will be published, he expects that it will be sometime this year. In the meantime, the draft SAR that went out for public comment in June 2017 is available on our [webpage](#) (I'll also stash a Word version in our project folder). The draft does consider Bromaghin et al. 2015.

Cheers,

Bridget

**Bridget Crokus**

*Wildlife Biologist*

U.S. Fish and Wildlife Service

Marine Mammals Management

1011 East Tudor Road, MS-341

Anchorage, Alaska 99503

Phone: 907-786-3378

Fax: 907-786-3816



**To:** Sarah Conn[sarah\_conn@fws.gov]  
**Cc:** Bob Henszey[bob\_henszey@fws.gov]; Brown, Randy[randy\_j\_brown@fws.gov]; Ted Swem[ted\_swem@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]; Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Angela Matz  
**Sent:** 2018-06-01T15:06:20-04:00  
**Importance:** Normal  
**Subject:** Re: Who is on first - 1002  
**Received:** 2018-06-01T15:07:00-04:00

Thanks, Sarah.

This is quite helpful, and please do send along any changes/updates. Have a great weekend -

Angela

On Fri, Jun 1, 2018 at 9:57 AM Conn, Sarah <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)> wrote:

Hi Folks,

Here is the document we developed that tries to capture who is doing what just now.

Thanks,

Sarah

--

Angela Matz, Ph.D.  
U.S. Fish and Wildlife Service  
4700 BLM Road Anchorage, AK 99507-2546  
[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)  
Phone: 907-271-2778 Cell: 907-750-8527  
Fax: 907-271-2786 Toll Free: 1-800-272-4174

**To:** Christopher Putnam[christopher\_putnam@fws.gov]; Kimberly Klein[kimberly\_klein@fws.gov];  
Forrest Hannan[forrest\_hannan@fws.gov]  
**From:** Bridget Crokus  
**Sent:** 2018-06-01T19:52:29-04:00  
**Importance:** Normal  
**Subject:** RE: FWS SAR Webpage  
**Received:** 2018-06-01T19:52:33-04:00

Okey-doke. To keep them obviously separate, the last publicly-available version of the SBS draft SAR (2017) is saved in the References folder as:  
2017 Southern Beaufort Sea Draft SAR.CLEAN.docx

The draft final version that incorporates edits based on the public comment period is saved as:  
DO NOT CITE\_Southern Beaufort Sea Draft SAR for Final\_March 20 2018.docx  
This is the version that will likely get a few more tweaks before being published (hopefully) before the end of the year and it should be used for our informational purposes only. The SARs we cite in our document should be either the last final from 2010 version or the 2017 draft.

I'm sure I'm making this way more complicated than it needs to be, so if you have any questions, please let me know!

Cheers,  
Bridget

Bridget Crokus  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
Phone: 907-786-3378

**From:** Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>  
**Sent:** Friday, June 1, 2018 3:33 PM  
**To:** Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>  
**Cc:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>  
**Subject:** Re: FWS SAR Webpage

That would be helpful. If you get the most updated version of the draft SAR, please place a copy in our shared folder document library. Thanks.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Fri, Jun 1, 2018 at 3:26 PM Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)> wrote:

True, and it does have some good background info for SARs, in general. But note that the SARs for polar bears posted there are the *last* final versions, which are from 2010. I'm pretty sure the [reports page](#) on our MMM polar bear website is the only one that has the draft that went out for public comment in 2017. If we need it, I can get the updated draft that incorporates the edits from the public comment period (i.e., the version that's at HQ right now) for reference. Charlie thinks there may be slight tweaks made to it before it's finalized, but he doesn't think there should be any major changes.

Bridget Crokus  
Marine Mammals Management  
U.S. Fish and Wildlife Service  
Phone: 907-786-3378

**From:** Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>

**Sent:** Friday, June 1, 2018 12:02 PM

**To:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>; Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>

**Subject:** FWS SAR Webpage

FYI, this new FWS SAR webpage should be useful.

<https://www.fws.gov/ecological-services/species/stock-assessment-reports.html>

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

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-- J.R.R. Tolkien

**From:** Google Calendar  
**Importance:** Normal  
**Subject:** ANWR Coastal Plain ITR Team Meeting  
**Start Date/Time:** 2018-06-08T18:00:00-04:00  
**End Date/Time:** 2018-06-08T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

## ANWR Coastal Plain ITR Team Meeting

Update meeting for the SAE ITR.

When Fri Jun 8, 2018 2pm – 3pm Alaska Time

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

Calendar kimberly\_klein@fws.gov

Who

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- bridget\_crokus@fws.gov
- forrest\_hannan@fws.gov

Going? **Yes - Maybe - No** [more options »](#)

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**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Lemons, Patrick  
**Sent:** 2018-06-07T13:06:48-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] RE: Recent News Coverage About Seismic Surveys in the Arctic NWR  
**Received:** 2018-06-07T13:06:51-04:00

Yep. I was cc'd on it. I just forwarded it to Greg and Mary so they have the entire string.  
Thanks for keeping me in the loop.  
Patrick

On Thu, Jun 7, 2018 at 9:04 AM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

This came in from Sue this morning.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

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-- J.R.R. Tolkien

On Thu, Jun 7, 2018 at 8:46 AM Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)> wrote:

Hi Christopher

I was disheartened reading the articles. I want to thank you for your kind words.

We have always welcomed your guidance support on our projects and considered it a necessary component to have a successful program. We at SAE also believe in our relationship with your group and will continue to work side by side to ensure we can have a successful program with little or no impact on the Polar Bears.

Sue Simonds

Permits and Regulatory Manager

**SAExploration, Inc.**

**Safety – Acquisition - Experience**

[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)

8240 Sandlewood Place

Anchorage, Alaska 99507

907-331-8140 Cell

907-522-4499 Main

907-522-4498 Fax

[saexploration.com](http://saexploration.com)

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**From:** Christopher Putnam [mailto:[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)]  
**Sent:** Tuesday, June 5, 2018 3:14 PM  
**To:** Suzan Simonds <[ssimonds@contractor.saexploration.com](mailto:ssimonds@contractor.saexploration.com)>  
**Cc:** Klein, Kimberly <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>; Forrest Hannan <[forrest\\_hannan@fws.gov](mailto:forrest_hannan@fws.gov)>;  
Bridget Crokus <[bridget\\_crokus@fws.gov](mailto:bridget_crokus@fws.gov)>; Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)>  
**Subject:** Recent News Coverage About Seismic Surveys in the Arctic NWR

Sue,

I'd like to address the recent news coverage about the response to SAE regarding the proposed seismic surveys in the Arctic NWR. I, and all of us in the Marine Mammals Management Office's (MMM), Regulatory Program, value the productive, collaborative, professional relationships we have developed with SAE and other oil and gas industry companies operating on the North Slope of Alaska. I want to offer my assurance that we will continue to work with you, other SAE personnel and contractors, and all others, in a professional and

courteous manner. We will keep confidential the information provided to us that is considered proprietary. We will continue to ask that any proprietary or confidential information or documents be clearly labelled so we know how to appropriately handle them.

The work our Regulatory Program does in collaboration with oil and gas industry companies has allowed us all to accomplish our work while also allowing us all to meet our statutory and regulatory requirements. I think the work we do together allows us to achieve positive wildlife management and conservation outcomes for polar bears and Pacific walruses that we would not be able to achieve individually. I, and all the people in the MMM, Regulatory Program, will continue to work collaboratively with SAE and others to achieve these positive goals and outcomes.

As always, if you ever have any questions or concerns about the work we do together, don't hesitate to contact me.

Christopher Putnam

Supervisory Fish and Wildlife Biologist

Marine Mammals Management

U.S. Fish & Wildlife Service

1011 East Tudor Rd, MS 341

Anchorage, AK 99503-6199

907-786-3844 office

907-268-0577 mobile

907-786-3816 fax

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-- J.R.R. Tolkien

--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)



**From:** Google Calendar  
**Importance:** Normal  
**Subject:** Arctic NWR SAE Seismic ITR Team Meeting  
**Start Date/Time:** 2018-06-15T15:00:00-04:00  
**End Date/Time:** 2018-06-15T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

**Arctic NWR SAE Seismic ITR Team Meeting**

Updates and coordination for the Monday meeting with SAE.

When Fri Jun 15, 2018 11am – 12pm Alaska Time

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

Calendar kimberly\_klein@fws.gov

Who

- christopher\_putnam@fws.gov - organizer
- bridget\_crokus@fws.gov
- kimberly\_klein@fws.gov
- forrest\_hannan@fws.gov

Going? **Yes** - **Maybe** - **No** [more options »](#)

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**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Polar Bear Mitigation Measures Industry vs ANWR  
**Start Date/Time:** 2018-06-29T17:00:00-04:00  
**End Date/Time:** 2018-06-29T18:00:00-04:00  
[invite.ics](#)

[more details »](#)

### **Polar Bear Mitigation Measures Industry vs ANWR**

Discuss differences in human/polar bear interaction mitigation measures and guidance for oil and gas industry MMPA take authorizations and Arctic National Wildlife Refuge polar bear viewing guide permits in the context of the proposed leasing and industry activities in the refuge.

**When** Fri Jun 29, 2018 1pm – 2pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- james\_wilder@fws.gov
- susanne\_miller@fws.gov

**Going?** [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account kimberly\_klein@fws.gov because you are subscribed for invitations on calendar kimberly\_klein@fws.gov.

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Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-06-28T20:15:31-04:00  
**Importance:** Normal  
**Subject:** Re: SAExploration  
**Received:** 2018-06-28T20:15:31-04:00

Mary,

We are currently waiting for SAE to respond to some questions and clarifications regarding their ITR application. Concurrently, we are working on the MMPA determinations analysis, developing the proposed ITR , and associated EA.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Thu, Jun 28, 2018 at 1:23 PM Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

Christopher - Can you send me a couple sentences on how things are going with SAExploration on the ITR application?

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**From:** Google Calendar  
**Location:** MMM Conference Room  
**Importance:** Normal  
**Subject:** Arctic Refuge ITR Team Update  
**Start Date/Time:** 2018-07-19T15:00:00-04:00  
**End Date/Time:** 2018-07-19T16:00:00-04:00  
[invite.ics](#)

[more details »](#)

## Arctic Refuge ITR Team Update

**When** Thu Jul 19, 2018 11am – 12pm Alaska Time

**Where** MMM Conference Room ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-putnam](https://hangouts.google.com/hangouts/_/doi.gov/christopher-putnam)

**Calendar** kimberly\_klein@fws.gov

**Who**

- christopher\_putnam@fws.gov - organizer
- kimberly\_klein@fws.gov
- forrest\_hannan@fws.gov
- bridget\_crokus@fws.gov

Going? **Yes** - **Maybe** - **No** [more options »](#)

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Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**Cc:** Klein, Kimberly[kimberly\_klein@fws.gov]; Ryan Wilson[ryan\_r\_wilson@fws.gov]; Colligan, Mary[mary\_colligan@fws.gov]  
**From:** Lemons, Patrick  
**Sent:** 2018-07-18T16:17:46-04:00  
**Importance:** Normal  
**Subject:** Re: Invitation: Arctic Refuge Seismic ITR Analysis Brief @ Wed Jul 18, 2018 1:30pm - 2:30pm (AKDT) (patrick\_lemons@fws.gov)  
**Received:** 2018-07-18T16:17:50-04:00

Sorry Christopher. I setup a budget meeting for what I thought was 2pm today. And of course, now that I look at it, I somehow set it up for July 11, not July 18. Can we move your briefing to tomorrow or later today? That or I can move our budget meeting if Mary's schedule is too hectic. Let me know and we'll go from there.

On Wed, Jul 18, 2018 at 12:05 PM, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

[more details »](#)

### Arctic Refuge Seismic ITR Analysis Brief

When Wed Jul 18, 2018 1:30pm – 2:30pm Alaska Time

Where MMM Conference Room ([map](#))

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/christopher-put](https://hangouts.google.com/hangouts/_/doi.gov/christopher-put)

Calendar [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

Who

- [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov) - organizer
- [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)
- [ryan\\_r\\_wilson@fws.gov](mailto:ryan_r_wilson@fws.gov)
- [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)
- [mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov) because you are subscribed for invitations on calendar [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

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--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

**From:** Google Calendar  
**Importance:** Normal  
**Subject:** Call with BLM on 1002 Section 7 / MMPA  
**Start Date/Time:** 2018-07-27T14:30:00-04:00  
**End Date/Time:** 2018-07-27T15:30:00-04:00  
[invite.ics](#)

[more details »](#)

**Call with BLM on 1002 Section 7 / MMPA**

Please dial into the following conference line:

1-877-789-4507

Passcode 68857623

Thanks,

Sarah

When Fri 2018-07-27 10:30 – 11:30 Alaska Time - Anchorage

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/sarah-conn](https://hangouts.google.com/hangouts/_/doi.gov/sarah-conn)

Calendar christopher\_putnam@fws.gov

Who

- sarah\_conn@fws.gov - organizer
- drew\_crane@fws.gov
- njones@blm.gov
- christopher\_putnam@fws.gov
- dnigro@blm.gov

Going? **Yes** - **Maybe** - **No** [more options »](#)

Invitation from [Google Calendar](#)

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To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Jim Wilder[james\_wilder@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-07-31T19:59:06-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-07-31T19:59:06-04:00

I can do 11 on Thur.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Tue, Jul 31, 2018 at 3:54 PM Colligan, Mary <mary\_colligan@fws.gov> wrote:

Looks like Thursday at 11-12. Can you guys attend then? Not sure we will get any more details before then. Didn't you recently put together a polar bear overview for PDD Sheehan when he visited?

----- Forwarded message -----

From: **Schindler, James** <james.schindler@boem.gov>

Date: Tue, Jul 31, 2018 at 2:49 PM

Subject: Re: MMPA/ITR link up

To: Greg Siekaniec <greg\_siekaniec@fws.gov>

Cc: "Colligan, Mary" <mary\_colligan@fws.gov>, "Wackowski, Stephen" <stephen\_wackowski@ios.doi.gov>

11 works, but I have to step out at noon for a conference call. Thanks!

On Tue, Jul 31, 2018 at 6:48 PM, Greg Siekaniec <greg\_siekaniec@fws.gov> wrote:

James,

My apology as I have a 10:00 am call with our headquarters office. 11:00 am could work though.

Greg



Sent from my iPhone

On Jul 31, 2018, at 2:45 PM, Schindler, James <[james.schindler@boem.gov](mailto:james.schindler@boem.gov)> wrote:

Thanks Steve! Hi Mary and Greg, does Thursday morning 10am work for you guys? I'm happy to come to your building if you give me an address and instructions.

On Mon, Jul 30, 2018 at 7:49 PM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

Hi Steve - We would be happy to talk MMPA and polar bears. Please let us know what days & times work for you and I will coordinate with our team here.

Thanks,  
Mary

On Mon, Jul 30, 2018 at 7:50 AM, Wackowski, Stephen  
<[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Mary-  
James, our Senior Adviser at BOEM is going to be in Anchorage this week. I was hoping you and your team would have time to meet with him to chat MMPA and ITRs for the Arctic. Also, could give him a Polar Bear brief?

Thanks,

Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
Department of the Interior  
4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
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Anchorage, AK 99503  
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cell: 907-223-5945

**To:** Colligan, Mary[mary\_colligan@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Wilder, James  
**Sent:** 2018-07-31T20:00:02-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-07-31T20:00:06-04:00  
[Polar bear bullets for Greg Sheehan meeting with Canada3.docx](#)  
[2017 June 15 Polar Bear Information for Secretary Zinke - v5.docx](#)

I can make it.

I think the attached is what you are referring to? And another for fun:

On Tue, Jul 31, 2018 at 3:54 PM, Colligan, Mary <mary\_colligan@fws.gov> wrote:

Looks like Thursday at 11-12. Can you guys attend then? Not sure we will get any more details before then. Didn't you recently put together a polar bear overview for PDD Sheehan when he visited?

----- Forwarded message -----

From: **Schindler, James** <james.schindler@boem.gov>  
Date: Tue, Jul 31, 2018 at 2:49 PM  
Subject: Re: MMPA/ITR link up  
To: Greg Siekaniec <greg\_siekaniec@fws.gov>  
Cc: "Colligan, Mary" <mary\_colligan@fws.gov>, "Wackowski, Stephen" <stephen\_wackowski@ios.doi.gov>

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James,

My apology as I have a 10:00 am call with our headquarters office. 11:00 am could work though.

Greg

Sent from my iPhone

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Thanks,  
Mary

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<[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Mary-  
James, our Senior Adviser at BOEM is going to be in Anchorage this week. I was hoping you and your team would have time to meet with him to chat MMPA and ITRs for the Arctic. Also, could give him a Polar Bear brief?

Thanks,

Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
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4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Mary Colligan  
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--

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Assistant Regional Director  
Fisheries and Ecological Services

U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
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cell: 907-223-5945

--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786-3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786-3816

**To:** Vicki Cornish[VCornish@mmc.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Patrick Lemons  
**Sent:** 2018-08-01T11:40:45-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] SAE Incidental Take application for ANWR seismic survey  
**Received:** 2018-08-01T11:40:54-04:00

Hi Vicki,  
I'm actually on vacation in the lower 48 so don't have the timeline in front of me. Christopher Putnam is the Regulatory Program lead and can answer your questions so I've cc'd him here.

Cheers,  
Patrick

Sent from my iPhone

On Aug 1, 2018, at 8:38 AM, Vicki Cornish <[VCornish@mmc.gov](mailto:VCornish@mmc.gov)> wrote:

Hi Patrick – Any idea when this might publish? Who is your staff person working on this?

Thanks, Vicki

<image001.png>  
Vicki Cornish  
Energy Policy Analyst  
**Marine Mammal Commission**  
4340 East-West Highway, Suite 700  
Bethesda, MD 20814-4498  
Office: 301-504-0087  
Direct: 301-504-0273  
Fax: 301-504-0099  
[www.mmc.gov](http://www.mmc.gov)

*The Marine Mammal Commission is an independent agency of the U.S. Government.  
Follow us on Twitter: @MarineMammalCom. [Click here](#) to sign up for our newsletter!*

**To:** Jim Wilder[james\_wilder@fws.gov]  
**Cc:** Colligan, Mary[mary\_colligan@fws.gov]; Lemons, Patrick[patrick\_lemons@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-08-01T17:59:09-04:00  
**Importance:** Normal  
**Subject:** Re: MMPA/ITR link up  
**Received:** 2018-08-01T17:59:09-04:00

It looks fine to me.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

On Wed, Aug 1, 2018 at 1:52 PM Wilder, James <[james\\_wilder@fws.gov](mailto:james_wilder@fws.gov)> wrote:

Looks good. I added some stuff in the attached:

On Wed, Aug 1, 2018 at 9:44 AM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

I was thinking that you guys used a power point for the Sheehan briefing, but honestly I can't remember. It was a weird briefing, I remember that part....

I have attached an updated list of bullets. Since we don't know what he is interested in, it is hard to develop a briefing. Anyways, take a look and see what you think. We should probably add a bullet for I-I also, what do you think?

On Tue, Jul 31, 2018 at 4:00 PM, Wilder, James <[james\\_wilder@fws.gov](mailto:james_wilder@fws.gov)> wrote:

I can make it.

I think the attached is what you are referring to? And another for fun:

On Tue, Jul 31, 2018 at 3:54 PM, Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

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----- Forwarded message -----

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Date: Tue, Jul 31, 2018 at 2:49 PM

Subject: Re: MMPA/ITR link up

To: Greg Siekaniec <[greg\\_siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)>

Cc: "Colligan, Mary" <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, "Wackowski, Stephen" <[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)>

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James,

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Greg

Sent from my iPhone

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Thanks,  
Mary

On Mon, Jul 30, 2018 at 7:50 AM, Wackowski, Stephen <[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Mary-

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Thanks,



Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
Department of the Interior  
4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
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--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786-3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786-3816

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
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--

James M. Wilder  
Marine Mammals Management, Polar Bear Program Leader  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd., MS341  
Anchorage, AK 99503

Office Phone: (907) 786-3913  
Email: james\_wilder@fws.gov  
Fax: (907) 786-3816

**From:** Google Calendar  
**Importance:** Normal  
**Subject:** Coastal Plain ITR analysis update - denning bears?  
**Start Date/Time:** 2018-08-10T18:00:00-04:00  
**End Date/Time:** 2018-08-10T19:00:00-04:00  
[invite.ics](#)

[more details »](#)

### Coastal Plain ITR analysis update - denning bears?

When Fri Aug 10, 2018 2pm – 3pm Alaska Time - Anchorage

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/mary-colligan](https://hangouts.google.com/hangouts/_/doi.gov/mary-colligan)

Calendar kimberly\_klein@fws.gov

Who

- mary\_colligan@fws.gov - organizer
- christopher\_putnam@fws.gov
- patrick\_lemons@fws.gov
- james\_wilder@fws.gov
- kimberly\_klein@fws.gov

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

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Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Klein, Kimberly[kimberly\_klein@fws.gov]; Forrest Hannan[forrest\_hannan@fws.gov]; Lemons, Patrick[patrick\_lemons@fws.gov]; Charles Hamilton[charles\_hamilton@fws.gov]  
**From:** Christopher Putnam  
**Sent:** 2018-08-03T14:13:21-04:00  
**Importance:** Normal  
**Subject:** Interesting article about seismic survey vehicle tracks on the north slope.  
**Received:** 2018-08-03T14:13:40-04:00

<https://www.nytimes.com/2018/08/03/climate/alaska-anwr-seismic-testing-tracks.html>

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
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907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."  
-- J.R.R. Tolkien

**To:** Mary Colligan[mary\_colligan@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-08-06T14:55:32-04:00  
**Importance:** Normal  
**Subject:** Re: Incidental Take  
**Received:** 2018-08-06T14:56:00-04:00

Thanks Mary

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Mon, Aug 6, 2018 at 8:24 AM Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)> wrote:

Christopher and Kim - Patrick and I wanted to get back to you with some thoughts on the approach to estimating incidental take for the seismic ITRs and then headed off to Russia and lost connectivity. We did talk about it a bit and put together the attached for your consideration. I set up a meeting on Friday for us to talk as that is the first day Patrick is back, but I know from talking to Christopher that according to your schedule, you will already have a draft at that point. If you want to talk earlier this week about anything in the attached, please let me know.

Thanks

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Christopher Putnam[christopher\_putnam@fws.gov]; Kimberly Klein[kimberly\_klein@fws.gov]  
**From:** Bridget Crokus  
**Sent:** 2018-08-06T17:59:47-04:00  
**Importance:** Normal  
**Subject:** Draft ITR  
**Received:** 2018-08-06T17:59:51-04:00

Hello, Kim and Christopher,

I took a stab at consolidating what we have and comparing it to the outline. Overall, I think we have most all of the pieces in place or they are being worked on. For instance, there is some text in the "Estimated Incidental Take" section, but I know Kim is working on that right now. The only two sections that had no text were:

Potential Impacts on the Polar Bear Stock  
Findings

But I think Kim may also have text or info for those sections?

As you review, there is a method to my madness. For the sections that warranted it, in heading I inserted a comment and added the summary of the section from the outline. I probably also added a comment about whether I thought we had included all that info or not. I did accept almost all changes. Those that you still see are mine from this read-through that no one else has seen. So feel free to do with those what you will.

Honestly, I think it's shaping up pretty well. Thank you, Kim, for putting so much work into this!

Please let me know if either of you have questions or if you would like to further discuss any of my comments. And let me know what you'd like me to do next!

Cheers,  
Bridget

**Bridget Crokus**  
*Wildlife Biologist*  
U.S. Fish and Wildlife Service  
Marine Mammals Management  
1011 East Tudor Road, MS-341  
Anchorage, Alaska 99503  
Phone: 907-786-3378  
Fax: 907-786-3816

**To:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-08-06T20:59:26-04:00  
**Importance:** Normal  
**Subject:** Re: Proposed Action - SAExploration Seismic  
**Received:** 2018-08-06T20:59:55-04:00

Thanks

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621

**Kimberly\_Klein@fws.gov**

On Mon, Aug 6, 2018 at 4:49 PM Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)> wrote:

Hi Kim,

Attached in the forwarded message from BLM is an updated project description for the SAE seismic survey. Hopefully, this won't be inconsistent with the project description we have.

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
1011 East Tudor Rd, MS 341  
Anchorage, AK 99503-6199  
907-786-3844 office  
907-268-0577 mobile  
907-786-3816 fax

"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

----- Forwarded message -----

From: **Conn, Sarah** <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)>

Date: Mon, Aug 6, 2018 at 4:45 PM

Subject: Fwd: Proposed Action - SAExploration Seismic

To: Ted Swem <[ted\\_swem@fws.gov](mailto:ted_swem@fws.gov)>, Kaithryn Ott <[kaithryn\\_ott@fws.gov](mailto:kaithryn_ott@fws.gov)>, Christopher Putnam <[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)>, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)>, Crane, Drew <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>

This just in from BLM. Ted, you and I might need to sit down here shortly and map out how we are going to tackle this consultation.

Thanks,

Sarah

----- Forwarded message -----

From: **Nigro, Debora** <[dnigro@blm.gov](mailto:dnigro@blm.gov)>

Date: Mon, Aug 6, 2018 at 3:18 PM

Subject: Proposed Action - SAExploration Seismic

To: Sarah Conn <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)>

Cc: "Wixon, Donna" <[dwixon@blm.gov](mailto:dwixon@blm.gov)>, Sarah LaMarr <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

Hi Sarah,

I preparation for BLMs ESA consultation on the SAExploration seismic proposal I am sending you our latest draft of the proposed action. Please let me know if you have any questions.

Shelly approved this document and I'm not sure who else needs to see it on the FWS end so I'll leave that up to you!

Thanks,

Debbie

--

Debbie Nigro  
Bureau of Land Management  
222 University Ave.  
Fairbanks, AK 99709  
907-474-2324  
[dnigro@blm.gov](mailto:dnigro@blm.gov)



**To:** Patrick Lemons[patrick\_lemons@fws.gov]  
**Cc:** Christopher Putnam[Christopher\_Putnam@fws.gov]; Sarah Conn[sarah\_conn@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]  
**From:** Kimberly Klein  
**Sent:** 2018-08-09T17:02:49-04:00  
**Importance:** Normal  
**Subject:** Re: Seismic Timelines  
**Received:** 2018-08-09T17:03:19-04:00  
SAE Arctic Refuge ITR Timeline\_9Aug2018.docx

I have attached the updated timeline. We expect to have a draft ITR ready for internal review by next Friday, August 13.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Thu, Aug 9, 2018 at 11:12 AM Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)> wrote:

Hi Kim and Christopher,

Can you two provide me an update on where we're at with the 1002 Seismic ITR and an associated timeline moving forward. Mary needs something to provide to Greg before he meets with DOI tomorrow.. She needs this today if at all possible.

Thanks,  
Patrick

----- Forwarded message -----

**From:** Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>  
**Date:** Thu, Aug 9, 2018 at 11:03 AM  
**Subject:** Seismic Timelines  
**To:** Sarah Conn <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)>, Patrick Lemons <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)>, Drew Crane <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>

Greg just stopped by to say he has a meeting with Steve W, Joe Balash, etc tomorrow afternoon at 3 to discuss the seismic proposal and associated timing. Could you guys give me an update today on where things stand for the S7 and MMPA process?

Thank you

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region

1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

**To:** Kimberly Klein[kimberly\_klein@fws.gov]  
**Cc:** Christopher Putnam[Christopher\_Putnam@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Ted Swem[ted\_swem@fws.gov]  
**From:** Conn, Sarah  
**Sent:** 2018-08-09T20:14:34-04:00  
**Importance:** Normal  
**Subject:** Re: Seismic Timelines  
**Received:** 2018-08-09T20:14:37-04:00

Hi There,

Thanks for sending the timeline, it was a good reminder that we are going to have to get busy with the section 7 consultation very soon! With that in mind we were wondering will you be enumerating MMPA take? If so, will this take be divided into level A and level B takes?

Thanks,

Sarah

On Thu, Aug 9, 2018 at 1:02 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

I have attached the updated timeline. We expect to have a draft ITR ready for internal review by next Friday, August 13.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Thu, Aug 9, 2018 at 11:12 AM Lemons, Patrick <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)> wrote:

Hi Kim and Christopher,

Can you two provide me an update on where we're at with the 1002 Seismic ITR and an associated timeline moving forward. Mary needs something to provide to Greg before he meets with DOI tomorrow.. She needs this today if at all possible.

Thanks,  
Patrick

----- Forwarded message -----

From: **Colligan, Mary** <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>

Date: Thu, Aug 9, 2018 at 11:03 AM

Subject: Seismic Timelines

To: Sarah Conn <[sarah\\_conn@fws.gov](mailto:sarah_conn@fws.gov)>, Patrick Lemons <[patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)>, Drew Crane <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>

Greg just stopped by to say he has a meeting with Steve W, Joe Balash, etc tomorrow afternoon at 3 to discuss the seismic proposal and associated timing. Could you guys give me an update today on where things stand for the S7 and MMPA process?

Thank you

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

--

Patrick Lemons, Ph.D.  
Chief, Marine Mammals Management  
U.S. Fish and Wildlife Service  
1011 East Tudor Road  
Anchorage, AK 99503  
Work: 907-786-3668  
Cell: 907-717-6787  
Fax: 907-786-3816  
e-mail: [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov)

**To:** Kimberly Klein[kimberly\_klein@fws.gov]  
**Cc:** Christopher Putnam[christopher\_putnam@fws.gov]  
**From:** Baucum, Madonna  
**Sent:** 2018-08-17T16:00:24-04:00  
**Importance:** Normal  
**Subject:** Re: 1018-0070 Supporting Statement A for Upcoming Rulemaking  
**Received:** 2018-08-17T16:01:10-04:00  
[1018-0070 SSA PR RIN 1018-BD62 draft 08172018.docx](#)  
[Proposed Rule 1018-BD62 ITR PRA edits and comments 08172018.docx](#)

Hi again - So I was able to make my first pass through both your rule and the draft Supporting Statement. The SSA looks good. There's not much more I can do with it until the rule document is firmed up. I've attached the latest version of the Supporting Statement for you to use going forward in case you need to make any additional edits as you finalize your rule doc. Working on a long rule document like this with so many existing track changes is difficult. The PRA changes to be carried to your current version are:

- "Dates" and "Comments" section (pgs. 2-4),
- New PRA paragraph (pgs. 94-97), and
- A couple of minor revisions at the bottom of page 6 and top of page 7.

Once you have a version that's closer to final, please resend it to me to review again/compare against the Supporting Statement. It shouldn't take me too long to re-review it for you.

Thanks!

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer  
**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

On Fri, Aug 17, 2018 at 2:31 PM, Baucum, Madonna <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)> wrote:

OK - Great. I'm hoping to finish going through it today. But since it's a proposed rule, I will say it's looking good so far. I'll get back to you by Tuesday if I have any minor changes. The nice thing about PRA submissions to OMB at the proposed rule stage is they're much less formal/time sensitive. I'll send the published rule and associated Supporting Statement (SSA) to OMB on the day the rule publishes. They will let us know if they have questions or if want anything tweaked before we resubmit the package at the final rule stage. Then, all we have to do is refine the SSA and wait until you're closer to having the FR doc ready for me to review.

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer

**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

On Fri, Aug 17, 2018 at 2:16 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Great! Thanks for taking a look. I especially wanted to make sure I included all the appropriate contact information.

We are planning to publish the proposed ITR by Oct. 12.

**Kimberly Klein**  
Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621  
[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)

On Fri, Aug 17, 2018 at 10:04 AM Baucum, Madonna <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)> wrote:

Hi, Kimberly - I think this looks good; relatively simple change which is good. What is your time frame to publish the rule?

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer  
**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

On Fri, Aug 17, 2018 at 9:25 AM, Baucum, Madonna <[madonna\\_baucum@fws.gov](mailto:madonna_baucum@fws.gov)> wrote:

Great - I just got back into the office after being out for a few days. I'll try to take a look at this later today or early next week.

**Madonna L. Baucum**  
**Information Collection Clearance Officer**  
Alternate Departmental Information Collection Clearance Officer  
**Division of Policy, Performance, and Management Programs**  
**U.S. Fish and Wildlife Service**  
5275 Leesburg Pike, MS: BPHC  
Falls Church, VA 22041-3803  
Telephone: (703) 358-2503  
Cell: (202) 480-0723

On Tue, Aug 14, 2018 at 4:22 PM, Kimberly Klein <[kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)> wrote:

Madonna,

Thank you again for your guidance and assistance in preparing the revision to the IC. I have attached the updated draft SSA for your review. I updated the highlighted text and the burden hours table. Not much really changes because the Chukchi Sea ITRs have expired and are not being renewed, so operators who request coverage in that area are basically being replaced by those that intend to operate in the Arctic Refuge. I tried to make sure the numbers reflect that as well as possible.

I have also attached a condensed version of the draft proposed Incidental Take Regulation that will request comments on the IC. The sections relevant to the IC are in blue text. Please take a look and let me know if changes are needed. Thank you so very much.

**Kimberly Klein**

Incidental Take Coordinator  
US Fish and Wildlife Service  
907-786-3621

**[Kimberly\\_Klein@fws.gov](mailto:Kimberly_Klein@fws.gov)**

**To:** christopher\_putnam@fws.gov[christopher\_putnam@fws.gov]  
**From:** Stephanie Rice (via Google Drive)  
**Sent:** 2018-08-20T12:42:33-04:00  
**Importance:** Normal  
**Subject:** Trustees for Alaska Seismic EA Comments - Invitation to collaborate  
**Received:** 2018-08-20T12:42:41-04:00

srice@blm.gov has invited you to **contribute to** the following shared folder:

## Trustees for Alaska Seismic EA Comments

Chris, Debbie Nigro asked me to share this Drive link with you. It is the comment letter as well as all supporting references submitted by Trustees for Alaska on the Seismic EA.

Open

Google Drive: Have all your files within reach from any device.

Google LLC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, USA



**From:** Google Calendar  
**Location:** FWS-FW7 Mary Smith Media Center/Regional Office  
**Importance:** Normal  
**Subject:** Seismic ITR Analysis Discussion  
**Start Date/Time:** 2018-08-22T17:00:00-04:00  
**End Date/Time:** 2018-08-22T18:30:00-04:00  
[invite.ics](#)

[more details »](#)

## Seismic ITR Analysis Discussion

**When** Wed Aug 22, 2018 1pm – 2:30pm Alaska Time - Anchorage

**Where** FWS-FW7 Mary Smith Media Center/Regional Office ([map](#))

**Video call** [https://hangouts.google.com/hangouts/\\_/doi.gov/patrick-lemons](https://hangouts.google.com/hangouts/_/doi.gov/patrick-lemons)

**Calendar** kimberly\_klein@fws.gov

**Who**

- [patrick\\_lemons@fws.gov](mailto:patrick_lemons@fws.gov) - organizer
- [christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)
- [ryan\\_r\\_wilson@fws.gov](mailto:ryan_r_wilson@fws.gov)
- [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov)
- [mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)
- [james\\_wilder@fws.gov](mailto:james_wilder@fws.gov)

Going? **[Yes](#)** - **[Maybe](#)** - **[No](#)** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov) because you are subscribed for invitations on calendar [kimberly\\_klein@fws.gov](mailto:kimberly_klein@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).