



ITP Guan <itp.guan@noaa.gov>

extremely important!!!!!!!!!!!!!!

1 message

eefjevanoverhagen <gangaeeffe@gmail.com>
To: ITP.guan@noaa.gov

Thu, May 31, 2012 at 5:23 AM

Dear Someone,

Please don't award BP the permit for seismic survey.
This is very, very, very important....

The cetaceans suffer tremendously from these surveys, remember the massacre of dolphins that washed ashore in Peru not long ago!!!! (just to name one).
The cetaceans are calling for help in a telepathic way. The life of the cetaceans on mother earth has become very difficult and we should do everything to help them as they are from a higher plane of existence. The cetaceans are connected to the 'Space Brothers', and in fact they are here to help US. They diminish pollution in ways we can only dream of and we will start to discover their wisdom. They are healers (I've been healed by a wild dolphin when I was 23) and they assist healers in an astral way. They are the YOGIS of the oceans and need our deepest respect! If you ever heard of Masaru Emoto and how water crystals behave on beautiful thoughts and hatred.... The cetaceans do the same in the salt water with their songs and their vibrations.....

Many people had a call from whales and dolphins, A brilliant book to read is 'Before we leave you', from Patricia Cori. Please read that book and postpone the decision. What is written in the book is the very Truth and Many people will be able to confirm her information. Amongst these people are great yogi's like Mother Amma, Sai Ma, Swami Prajnanananda, various animal communicators. Personally I have been given information from a beached sperm whale last august and made me understand important information how we can help them and the planet with our minds....Also bottle nose dolphins and Risso, dolphins have given me information about the same subject.

Please don't allow BP (or any oil company) to do seismic surveys. There are new ways of electricity becoming unveiled soon, directly from the sun, no pollution. The Space Brothers have that information for us if we change for the better and will become able to perceive their higher wisdom

All my Love,

Opportunity is not to be neglected!!!!

Sincerely,

Eefje van Overhagen



ITP Guan <itp.guan@noaa.gov>

public comment on federal register FW: killing marine life in alaska seismic kills the life in sea by making them hemorrhage

1 message

usacitizen1 usacitizen1 <usacitizen1@live.com>

Sun, May 6, 2012 at 1:56 PM

To: itp.guan@noaa.gov, americanvoices@mail.house.gov, comments@whitehouse.gov, letters@newsweek.com

Cc: info@pewtrust.org, info@emagazine.com, info@opsociety.org, info@oceana.org, info@peta.org

this is a major marine life killing. these activities kill all life. shut down this project. this project should have a budget of zero because it should not happen. BP has caused chaos all over this earth. They have no paid america for the damage they did in the Gulf of Mexico nor has their operations been properly vetted. This company shows no compassion for animal life. this company is made up of scum. this company tells lies and cannot be trusted at any time. this company should be shut down. this company is a horror for americans. Between the hunt and this seismic there will be a total of zero life left in beauford after this. this seismic causes brain hemorrhages like the bends in whales, seals, etc. and they die. it is a horrible way to die -very painful. and the animals dont always die right away in view of the killers bp, so when they say there is a low dead count it because they dont care at all to make an accurate count and some animals swim away to die. what bp says they will do in this plan is not what they will do at sea when they believe nobody is watching. i select satellite imagery of their actions. i do not believe bp will be honest and give the public full information in their final report. this project should not be taking place. i object to this survey totally. this project should be shut down. if they tell us in the plan they will kill ll animals, it will more likely be 40. that is completely objectionable.
jean public this comment is for th epublic record



ITP Guan <itp.guan@noaa.gov>

BP seismic survey July-October 2012

1 message

Julie Rae <raejulie@hotmail.co.uk>
To: "ITP.guan@noaa.gov" <ITP.guan@noaa.gov>

Sat, May 26, 2012 at 4:06 AM

FAO Tammy Adams

Please, for the sake of marine creatures, do not allow BP to carry out this seismic survey. This kind of explorative work is thought to cause the death of marine life, including dolphins and whales, and as commercial fishing is not permitted in this area, it seems wrong to allow this type of harmful exploration.

As humans who deem ourselves 'in charge' of this planet, I believe we have the responsibility to care for the welfare of the animals we share the planet with, and to do all we can to protect them and keep them from unnecessary harm.

Kind Regards

Julie Rae
Glasgow
UK



ITP Guan <itp.guan@noaa.gov>

Seismic Exploration in the Arctic

1 message

Denise Foster <neezer99@comcast.net>
To: ITP.guan@noaa.gov

Wed, May 30, 2012 at 2:49 PM

To Whom It May Concern:

Denying BP the permit for seismic exploration in the Arctic is in the BEST INTEREST OF ALL~

Please!! Support the environment! Not big oil!!

Enough already!!

Denise Foster

(American Citizen and Taxpayer)



ITP Guan <itp.guan@noaa.gov>

Beaufort Sea seismic survey

1 message

Simon Varnam <simonvarnam@gmail.com>

Wed, May 23, 2012 at 12:19 AM

To: ITP.guan@noaa.gov

Dear Tammy Adams,

I am very concerned to hear about the possibility of a seismic survey in the Beaufort Sea. As a onetime oceanography major, I am well aware of the techniques used for such surveys and the problems they raise for wildlife, quite apart from the problem of whether it is wise to risk oil spills in such an environmentally sensitive and difficult-to-clean region.

I hope you will, as Acting Chief, Permits and Conservation Division, Office of Protected Resources, refuse permits for Shell Oil, BP and any other organisation that seeks one.

Yours respectfully

Simon Varnam



ITP Guan <itp.guan@noaa.gov>

BP request for Permit to Do Seismic Testing in the Beaufort Sea

1 message

Kirsten massebeau <mrsmassebeau@gmail.com>
To: ITP.guan@noaa.gov

Wed, May 30, 2012 at 12:57 PM

Dear Tracy Adams Acting Chief, Permits and Conservation Division, Office of Protected Resources, National Marine Fisheries Service,

I am writing to object to BP receiving a permit to to seismic exploration in Alaska for several reasons.

- 1) The Arctic is completely unsuitable for drilling. 500 scientists are saying a spill could not be controlled <http://www.newscientist.com/article/mg21428646.000-do-we-know-enough-to-ensure-safe-ar>
- 2) The seismic testing is planned to go on for 24 hours a day for 50 days with levels of sound as high as 230 - 250dB. Please listen to the explosion of just one airgun <http://ocr.org/wp-content/uploads/Airgun-and-Echosounders.swf?width=848&height=434> BP plans to run three ships two of which will be firing simultaneously blasting all living things for hundreds of miles.
- 3) In addition the shallow waters of Simpson Lagoon are teeming with life that little is known about yet you would allow BP to destroy all that with sound! This is a place where even fishing isn't allowed. http://en.wikipedia.org/wiki/Moratorium_on_commercial_fishing_of_the_Beaufort_Sea
- 4) Lastly, you have already recklessly given a permit to Shell Oil who will already be blanketing the Beaufort Sea with sound.

As a taxpayer and American citizen I urge you to stop supporting big oil and start supporting the environment before it is too late. Please deny BP the permit for seismic exploration in the Beaufort Sea, Simpson Lagoon and surrounding barrier islands.

Sincerely,

Kirsten Massebeau

PO Box 603

Cannon Beach, OR 97110

503-440-2188



ITP Guan <itp.guan@noaa.gov>

BP and Seismic exploration in Alaska

1 message

Maryann Birdsall <maryann.birdsall@snet.net>
To: ITP.guan@noaa.gov

Wed, May 30, 2012 at 1:34 PM

I am writing to object to BP receiving a permit to to seismic exploration in Alaska for several reasons.

- 1) The Arctic is completely unsuitable for drilling. 500 scientists are saying a spill could not be controlled Link
- 2) The seismic testing is planned to go on for 24 hours a day for 50 days with levels of sound as high as 230 - 250dB. Please listen to the explosion of just one airgun Link BP plans to run three ships two of which will be firing simultaneously blasting all living things for hundreds of miles.
- 3) In addition the shallow waters of Simpson Lagoon are teeming with life that little is known about yet you would allow BP to destroy all that with sound! This is a place where even fishing isn't allowed. Link
- 4) Lastly, you have already recklessly given a permit to Shell Oil who will already be blanketing the Beaufort Sea with sound.

As a taxpayer and American citizen I urge you to stop supporting big oil and start supporting the environment before it is too late. Please deny BP the permit for seismic exploration in the Beaufort Sea, Simpson Lagoon and surrounding barrier islands.

Sincerely, Maryann Birdsall



ITP Guan <itp.guan@noaa.gov>

BP Seismic Survey in Alaska

1 message

Susan Mabe <sue_mabe@hotmail.com>

Wed, May 30, 2012 at 3:28 PM

To: itp.guan@noaa.gov

I am writing to object to BP receiving a permit to to seismic exploration in Alaska for several reasons.

- 1) The Arctic is completely unsuitable for drilling. 500 scientists are saying a spill could not be controlled Link
- 2) The seismic testing is planned to go on for 24 hours a day for 50 days with levels of sound as high as 230 - 250dB. Please listen to the explosion of just one airgun Link BP plans to run three ships two of which will be firing simultaneously blasting all living things for hundreds of miles.
- 3) In addition the shallow waters of Simpson Lagoon are teeming with life that little is known about yet you would allow BP to destroy all that with sound! This is a place where even fishing isn't allowed. Link
- 4) Lastly, you have already recklessly given a permit to Shell Oil who will already be blanketing the Beaufort Sea with sound.

As a taxpayer and American citizen I urge you to stop supporting big oil and start supporting the environment before it is too late. Please deny BP the permit for seismic exploration in the Beaufort Sea, Simpson Lagoon and surrounding barrier islands.

Sincerely,

Susan Mabe



ITP Guan <itp.guan@noaa.gov>

Seismic Survey Permit in Beaufort Ocean.

1 message

Drew H <tetraspis09@gmail.com>
To: ITP.guan@noaa.gov

Fri, May 25, 2012 at 11:37 PM

Attention:

Tammy Adams,
Acting Chief— Permits and Conservation Division
Office of Protected Resources, National Marine Fisheries Service.
1315 East-West Highway, Silver Spring, MD 20910

Hi Tammy,

It is with sincere concern that I am writing in **opposition** to the proposed seismic survey permit(s) put forth by BP Oil and Shell Oil companies. As a young 22 year old conservationally aware and minded student, I am having a great deal of trouble wrapping my head around seismic survey activities in the Beaufort Ocean and the negative impacts they will have on the native wildlife in the target survey areas. As such, I am asking that you please take into serious consideration the overall long term necessity and value of a project like this and to look past the immediate monetary gain that large oil companies, like the two mentioned above, are endlessly seeking.

By permitting companies to continue drilling for oil we are only delaying the inevitable... The inevitable being, that global oil supplies will at some point in our lives run short. Please redirect BP, Shell and other companies seeking similar permits to take the mass amounts of money they net and start developing more renewable and clean sources of energy (be it solar, wind, algae oil etc.) in place of the dirty and destructive oil we take for granted today. We are fortunate enough to live in a time where the technology exists to bring an end to oil consumption as we know it. By rejecting these permit requests you are forcing clean energy to grow and evolve while at the same time allowing native ocean wildlife to exist the way they have a right to. Definitely sounds like a WIN/WIN situation to me.

I'll leave two of my favorite quotes for you to consider:

—*"Our environmental problems originate in the hubris of imagining ourselves as the central nervous system or the brain of nature. We're not the brain, we are a cancer on nature."* ~Dave Foreman, Harper's, April 1990

—*"I believe that to meet the challenges of our times, human beings will have to develop a greater sense of universal responsibility. Each of us must learn to work not just for oneself, one's own family or nation, but for the benefit of all humankind. Universal responsibility is the key to human survival. It is the best foundation for world peace."* - H.H. The Dalai Lama

Thanks for your time!

-Andrew Holden-
Caledonia, Ontario, Canada.
tetraspis09@gmail.com

Submitted by Edward Johnson PO box 241 cannon Beach, OR. 97110

ATT: Tammy Adams, Acting Chief, Permits and Conservation Division, of Protected Resources, National Marine Fisheries Service National Oceanic and Atmospheric Administration

RE: Objections to RIN 0648–XY11 Takes of Marine Mammals Incidental to

Specified Activities; Taking Marine Mammals Incidental to Marine Seismic Survey in the Beaufort Sea, Alaska

Objections to BP proposed seismic testing Simpson Lagoon summer 2012

http://www.nmfs.noaa.gov/pr/pdfs/permits/openwater/peer_review_report_shell_beaufort.pdf

The above address contains recommendations to Shell Oil's request to conduct similar tests in nearby Camden Bay, Alaska. It should be noted that this request was for field work to be conducted during the 2010 summer open water season. It took a full 2 years before the final details could be satisfactorily agreed upon and some of those provisions called for a series of studies to determine the potential impact on fisheries and marine mammal species. It would appear that until these new studies have been conducted, completed, and peer reviewed by Open Water Peer Review Panel Monitoring Plan any further permitting should be withheld.

I have selected a couple of things that stood out in the Shell Plan followed by my comment.

Will the applicant's stated objectives effectively further the understanding of the impacts of their activities on marine mammals and otherwise accomplish the stated goals?

Comment: This goal seems to include monitoring and data collection which could cause the evolvement of more acceptable practices that need to be completed prior to any further allowance of permitting. In particular, without Shell completing their monitoring plan and developing new standards, no permit including the BP permit under consideration, should be allowed.

Vessel-Based Monitoring:

- First, the efficacy of observations is generally undetermined. observers will detect a marine mammal that is in a safety zone may be relatively high for some species but low for others, but in no case is the actual efficacy known with a specific degree of confidence.
- Second, observations become less efficient to the point of in no case is the actual efficacy known as sighting conditions deteriorate (e.g., nighttime, high sea state, poor weather).
- Third, visibility is may be adequate for safety zones but the ability to sight animal's declines with distance and disturbance of animals beyond sighting distance may go undetected.
- Fourth, it is difficult to characterize animal responses because observers are not able to focus on animal behavior animals beyond sighting distance may go undetected
- Based on these shortcomings, it is not possible to estimate the number of animals taken with reliable degrees of confidence. In essence, these are not scientifically rigorous surveys, but rather preventative measures of underdetermined efficacy. They should not be used or considered to constitute baseline estimates of the numbers of marine mammals in the area.
- Although there may be no immediate remedy for these shortcomings that can be implemented to improve the utility of vessel-based monitoring, each of the above described shortcomings

should be evaluated more closely in the future with the overall aim of characterizing and improving MMO efficiency over time.

Comment: Vessel-based monitoring,... suffers, observations is generally undetermined, in no case is the actual efficacy known, animals beyond sighting distance may go undetected, is not possible to estimate the number of animals taken with reliable degrees of confidence, & not scientifically rigorous surveys. Granted my phrase summary may be redundant but knowing this is the findings by the Open Water Peer Review Panel Monitoring Plan as presented to Shell, any future utilization of vessel surveillance is unacceptable.

<http://www.newscientist.com/article/mg21428646.000-do-we-know-enough-to-ensure-safe-arctic-drilling.html?full=true>

Do we know enough to ensure safe Arctic drilling?

15 May 2012 by Henry Huntington

I am most grateful to Henry Huntington from the Pew Environment Group, for this article that has certainly summarized many issues needing addressing regarding the BP permit application. This first quote seems to synthesize much of what remains problematic on this entire issue. “Unfortunately it turns out that we simply don't know enough about Arctic Ocean ecosystems to ensure our actions won't inadvertently stress species to the point of affecting animal populations and the indigenous peoples who depend on them.” Note I have added the underlining

From my perspective you as an authorizing body must heed this most significant point that you cannot head into a life changing project without more completely and comprehensively addressing specific concerns. The Sierra Club along with other organizations submitted one million signatures earlier this month to Pres. Obama asking that a similar but previously approved and area adjoining permit to Shell Oil be rescinded. Those signatures alone signal that in addition to the contents of this Huntington submission, the general public as well as the scientific community want a better shake for the Arctic for which you have authority.

Huntington is rather specific relative to a marine mammal species and how they will most probably be impacted if the permitting is allowed. Walrus feed on the sea floor, migrating north from the Bering Sea to the Chukchi Sea in spring as sea ice melts and returning in the autumn as ice forms again. They are hunted by Yupik and Inupiaq people, most often when the animals haul themselves out onto sea ice to rest after feeding.

“To safeguard walrus, the Arctic marine ecosystem and the people who depend on it, we need a comprehensive, science-based plan to determine when, where and how offshore drilling should take place. Such an approach must identify and protect areas of known or potential ecological and cultural significance.”

Within the above document a letter was included which was submitted to President Obama and was cosigned by 573 scientist. I have quoted part of their expressed concerns http://www.pewenvironment.org/uploadedFiles/PEG/Publications/Other_Resource/ScientistsLetter-OCSDevelopment.pdf “he (Secretary Salazar), (directed the U.S. Geological Survey (USGS) to conduct an evaluation of science needs and gaps in the U.S. Arctic Ocean. The evaluation would help the

Department of the Interior determine how best to "...conduct scientific analyses to gather the information we need to develop resources in the right places and the right ways." Since work was completed any authorization of permits without the inclusion of these findings would be foolhardy at best.

That report identified some 62 needs that should be addressed prior to new permit authorization, I have copied from that letter submitted to Pres. Obama, 8 different areas needing assessment, they are as follows:

- "further research on the physical and biological environment of the region,
- studies on specific aspects of the life history of important species,
- the development of a comprehensive monitoring program that can detect environmental change and identify the drivers of such change,
- the synthesis of existing information in order to answer key questions including the identification of ecologically significant areas,
- an assessment of cumulative impacts from multiple sources,
- greater inclusion of the traditional knowledge of Arctic residents,
- the creation of a data management system that provides timely sharing of information from all research activities, and
- a closer integration of scientific studies and findings with decisions being made about offshore industrial activity."

When the President has indicated his pleasure, requested a subordinate cabinet secretary to pursue that instructed path, in this case Sec. Salazar, and finally see the concluded product, one would assume corrective action would be taken. In my estimation NOAA must not approve the permit to authorize BP's request for seismic testing and related oil extraction preparations until full implementation of all 62 recommendations made by U.S. Geological Survey (USGS).

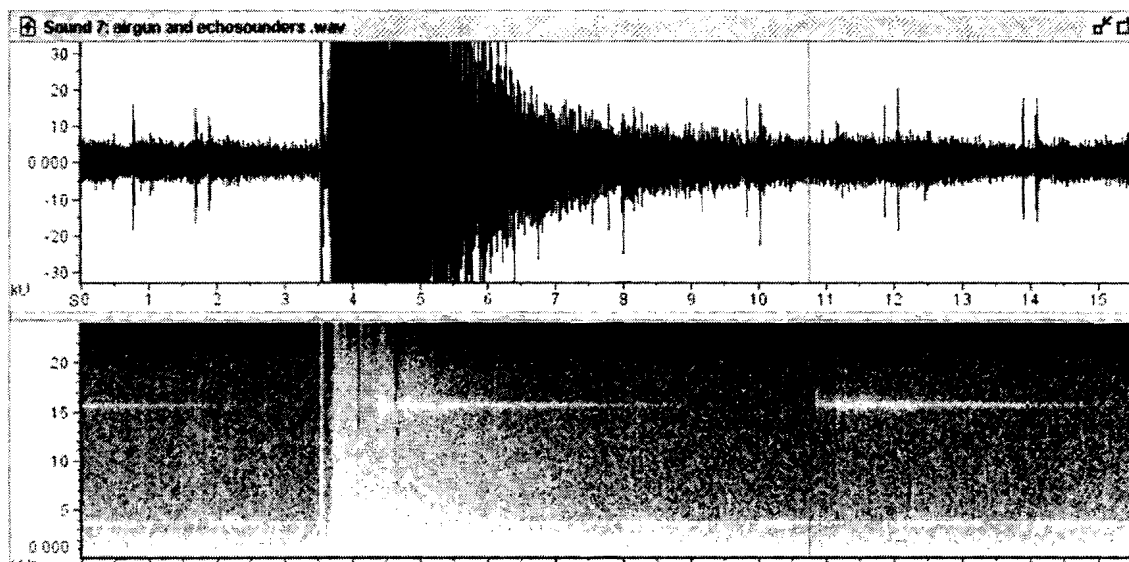
In BPXA request, Incidental Harassment Authorization Request pg. 51 Section 9. ANTICIPATED IMPACT ON HABITAT , the following quote, "While there is limited data on the impacts of airguns on the food sources of cetaceans and pinnipeds, there is no information to suggest that any potential impacts will affect marine mammal populations." That statement can be countered by using the following document <http://esciencenews.com/articles/2011/04/11/cephalopods.experience.massive.acoustic.trauma.noise.pollution.oceans> , titled Cephalopods experience massive acoustic trauma from noise pollution in the oceans. "André and colleagues also found that, immediately following exposure to low frequency sound, the cephalopods showed hair cell damage within the statocysts. Over time, nerve fibers became swollen and, eventually, large holes appeared—these lesions became gradually more pronounced in individuals that were examined several hours after exposure. In other words, damage to the cephalopods' auditory systems emerged immediately following exposure to short, low intensity sweeps of low frequency sound. All of the individuals exposed to the sound showed evidence of acoustic trauma, compared with unexposed individuals that did not show any damage." It is unfortunate that the MMPA protects whales but not their food source though the above article clearly indicates certain species of marine mammals are nearly totally dependent on some invertebrate species for their food, those food sources are not protected.

André and colleagues also found that, immediately following exposure to low frequency sound, the cephalopods showed hair cell damage within the statocysts. Over time, nerve fibers became swollen and, eventually, large holes appeared—these lesions became gradually more pronounced in individuals that were examined several hours after exposure. In other words, damage to the cephalopods' auditory

systems emerged immediately following exposure to short, low intensity sweeps of low frequency sound. All of the individuals exposed to the sound showed evidence of acoustic trauma, compared with unexposed individuals that did not show any damage.

I will include one last item, understanding that members of NOAA assessing these comments may be well versed in the trauma that can be attributed to seismic airgun, it might be instructional to know that lay people such as myself are arming themselves with not only necessary knowledge but the will to educate others to the misery that man has created for creatures unable to speak or adequately protect themselves.

The diagram that follows can be heard by opening the following address <http://ocr.org/wp-content/uploads/Airgun-and-Echosounders.swf?width=848&height=434> It should be noted that this blast is sudden lasting less than 1 tenth of a second and is best described as an incredibly strong push or compression and then an equally or more powerful contraction or pull. This rapid change in pressure might be illustrated by using a balloon having normal internal pressure an within microseconds would be compressed to 1/60th of its initial volume, having the walls top and bottom stuck together like glue. and suddenly expanded to 70 times to what it was under normal conditions . This would end when it equally as suddenly returned to normal pressure with continued minor oscillations until the pressure returns to normal.



Below is a simple tracer of the airgun blast which is used to illustrate the duration of a single blast and clearly show that as the gas bubble pulses forward, past a stationary observer in micro-seconds, the tremendous change in amplitude (up & down motion) can be seen. Starting from a neutral or zero position, the wave of energy rises to a value of nearly +60X then precipitously drops to a negative -70X. In total the change in pressure is 130X.