

GOMGGEIS, BOEM <gomggeis@boem.gov>

## MMC Letter re BOEM's NOI to prepare PEIS on G&G in GOM - Corrected copy

1 message

Vicki Cornish < VCornish@mmc.gov>
To: "gomggeis@boem.gov" < gomggeis@boem.gov>

Tue, Jul 9, 2013 at 2:36 PM

My apologies, please use the attached corrected version instead (the previous version had an extra blank page). There were no other substantive differences.

Thank you,

Vicki Cornish

**Energy Policy Analyst** 

Marine Mammal Commission

4340 East-West Highway, Room 700

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From: Melissa Herman

Sent: Tuesday, July 09, 2013 3:09 PM

To: gomggeis@boem.gov

Cc: Vicki Cornish

Subject: MMC Letter re BOEM's NOI to prepare PEIS on G&G in GOM

Attached please find the Marine Mammal Commission's letter regarding the BOEM's Notice of Intent to prepare a Programmatic Environmental Impact Statement on geophysical activities in OCS waters of the Gulf of Mexico.

Christian Piccolo
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13-07-09, G. Goecke, NOI to prepare PEIS on GOM G&G activities.pdf



9 July 2013

Mr. Gary D. Goecke Chief, Regional Assessment Section Office of the Environment (MS 5410) Gulf of Mexico Outer Continental Shelf Region Bureau of Ocean Energy Management 1201 Elmwood Park Boulevard New Orleans, LA 70123-2394

Dear Mr. Goecke:

The Marine Mammal Commission, in consultation with its Committee of Scientific Advisors on Marine Mammals, has reviewed the Bureau of Ocean Energy Management's notice of intent to prepare a programmatic environmental impact statement on geological and geophysical activities in the Gulf of Mexico (78 Fed. Reg. 27427). The programmatic environmental impact statement is being prepared cooperatively with the National Marine Fisheries Service to serve as the requisite environmental analysis for the Service's rulemaking under the Marine Mammal Protection Act governing authorization for incidental taking of marine mammals during geological and geophysical activities in the Gulf of Mexico. The Commission provides the following recommendations and rationale.

#### RECOMMENDATIONS

<u>The Marine Mammal Commission recommends</u> that the Bureau of Ocean Energy Management—

- work with the National Marine Fisheries Service, the Department of Defense, and other relevant entities to design a multi-year, Gulf-wide marine assessment program to provide reliable estimates of abundance and distribution for marine mammals and other protected species in the Gulf;
- pursue public-private partnerships between federal agencies, the oil and gas industry, and other entities to fund implementation of both a Gulf-wide marine assessment program and a comprehensive long-term program to monitor the effects of geological and geophysical activities on Gulf marine mammals;
- include in its environmental impact statement alternatives that would (1) increase efforts to maximize the utility of seismic data while minimizing the number and impacts of new seismic studies; and (2) promote the further development, testing, and use of alternative, less harmful technologies to collect the required geophysical information, such as marine vibroseis;
- include in its environmental impact statement alternatives for time-area restrictions to minimize impacts on sperm whales, Bryde's whales, and coastal, bay, sound, and estuarine stocks of bottlenose dolphins; and
- continue to support the development and maintenance of the National Oceanic and Atmospheric Administration's Cetacean & Sound Mapping initiative to facilitate a more

rigorous evaluation of the individual and cumulative impacts of human-induced noise on cetaceans.

#### **RATIONALE**

### Information needs to support science-based decision-making

The National Environmental Policy Act requires a thorough analysis of a range of alternative proposed federal actions and their potential impacts on the environment. A thorough evaluation of alternatives for geological and geophysical surveys in the Gulf depends on the availability of information on the status of marine mammals and also on information regarding the potential impacts of those surveys. That information is essential to identify and avoid potentially harmful interactions with marine mammals and to minimize impacts on preferred habitats.

Despite decades of oil and gas development in the Gulf, there are no systematic surveys of the 22 marine mammal species/57 marine mammal stocks that reside in or regularly visit the inshore, coastal, and offshore waters of the Gulf of Mexico (Waring et al. 2013). As a result, baseline information on abundance, distribution, stock structure, and trends for most of the Gulf's marine mammal stocks is limited, as is information regarding age structure, reproductive rates, survival rates, and health (nutritional status, immune function, and prior exposure to contaminants, biotoxins, and infections) (Marine Mammal Commission 2011). Without such information, decision-makers have an inadequate basis for determining whether, where, and under what conditions to authorize or conduct activities that could have acute or long-term adverse effects on marine mammals and other marine species.

A long-term and consistent investment in collecting the data needed to generate stock assessments and to evaluate the impacts of seismic activities on marine mammals would ensure that the decisions regarding proposed seismic survey activities are guided by the best available scientific information. Abundance and distribution data in particular should be collected on a sufficiently frequent basis to provide reasonable assurance that the estimated stock size is reliable and that the stock is not declining significantly. The National Marine Fisheries Service's guidelines for assessing marine mammal stocks suggest that surveys be conducted at least every eight years to enable detection of a 10 percent decline in abundance (Moore and Merrick 2011, NMFS 2005). Data on the effects of geological and geophysical surveys (e.g., behavioral responses to airguns and other sound-producing activities) should be collected before, during, and well after activities occur. The cost of collecting such information is not exorbitant, particularly when viewed in the larger context of the expenditures and revenues involved in oil and gas development. However, the ongoing lack of investment in these types of studies undermines the ability to sustainably manage marine resources on the basis of sound science.

In the Atlantic, the Bureau's Environmental Studies Program, in collaboration with the U.S. Fish and Wildlife Service and the U.S. Navy, has committed to providing multi-year funding to the National Marine Fisheries Service for the Atlantic Marine Assessment Program for Protected Species. That program is supporting broad-scale, multi-year collection of abundance and seasonal distribution data for marine mammals and other wildlife in the areas of interest for geological and geophysical surveys. The Commission commends that joint effort, which will improve the quality of

information available for assessments of marine mammal stocks. Clearly, a similar program is long overdue for the Gulf.

The Commission has commented previously that both industry and regulatory agencies have a responsibility to ensure that the research needed to manage resource use is conducted in a timely and comprehensive manner. The Commission believes that the Bureau, other federal agencies, and the oil and gas industry must work together to find the means to facilitate the development and implementation of a Gulf-wide marine mammal stock assessment and comprehensive monitoring program. While the Commission commends contributions already made by the industry on a voluntary basis, such actions could be more effective if institutionalized and required of all companies. The industry, in particular, should provide multi-year financial support for stock assessment surveys and monitoring in areas where seismic surveys are proposed because of the risks to marine mammals stemming from their activities and the associated responsibility of those seeking access to public resources.

To support decision-making for various federally administered activities in the Gulf, the Marine Mammal Commission recommends that the Bureau of Ocean Energy Management work with the National Marine Fisheries Service, the Department of Defense, and other relevant entities to design a multi-year, Gulf-wide marine assessment program to provide reliable estimates of abundance and distribution for marine mammals and other protected species in the Gulf. The Marine Mammal Commission further recommends that the Bureau of Ocean Energy Management pursue public-private partnerships between federal agencies, the oil and gas industry, and other entities to fund implementation of both a Gulf-wide marine assessment program and a comprehensive long-term program to monitor the effects of geological and geophysical activities on Gulf marine mammals.

### Minimizing effects of seismic activities on marine mammals

The proposed area of interest for geological and geophysical activities includes a wide range of marine mammal habitats. These activities typically involve the use of seismic airguns that emit high energy, low frequency acoustic pulses that travel long distances and may disrupt important marine mammal behaviors that depend on hearing and communication (i.e., feeding, resting, migrating, breeding, calving) and, at close range, can cause physical or physiological injury (Gordon et al. 2004). The sounds generated by airguns also can mask communication calls between conspecifics for some species (Richardson et al. 1995).

In developing its programmatic environmental impact statement, the Bureau should carefully consider the development of alternatives that will reduce significantly the use of seismic airguns in waters of the Outer Continental Shelf, both in the number of surveys conducted each year and in total output of sound. As such, the Commission reiterates previous recommendations that the Bureau of Ocean Energy Management include in its environmental impact statement alternatives that would (1) increase efforts to maximize the utility of seismic data while minimizing the number and impacts of new seismic studies; and (2) promote the further development, testing, and use of alternative, less harmful technologies to collect the required geophysical information, such as marine vibroseis. The rationale for these recommendations was provided in the Commission's comments on the draft programmatic environmental impact statement for geological and geophysical activities

on the Atlantic Outer Continental Shelf, and that rationale applies to the Gulf as well (see the Commission's letter to the Bureau dated 12 July 2012<sup>1</sup>).

In addition, the Commission believes that one of the most effective ways to limit the harmful effect of sound on marine mammals from seismic airguns is to restrict activities to periods when and areas where marine mammals are less likely to be present. This could include avoiding important breeding, calving, resting, or foraging areas for endangered sperm whales, Bryde's whales, coastal bottlenose dolphins, and other vulnerable species. For example—

- Sperm whales concentrate at the mouth of the Mississippi River near the Mississippi and DeSoto Canyon areas, in the area due west of the Florida Keys, and along the steep upper continental slope of the Florida Escarpment between Tampa and Key West (Maze-Foley and Mullin 2006, Baumgartner et al. 2001). The Mississippi Canyon area has been identified as important year-round feeding and breeding habitat for sperm whales (Davis et al. 2000, Davis et al. 2002, Jochens et al. 2008). The Deepwater Horizon oil spill occurred in the Mississippi Canyon area in the midst of this preferred habitat. Movements of sperm whales with home ranges near the spill site indicate that, although whales remained in the area after the oil spill, they avoided the most heavily surface-oiled areas (Mate 2011). The extent to which sperm whales will re-inhabit this area may depend on concentrations of oil and other contaminants they encounter and the availability of prey; limiting other sources of disturbance year-round, at least for some fixed period of time, may facilitate their return.
- The northeastern-shelf edge in the DeSoto Canyon area off Florida is the only known presently occupies habitat for Bryde's whales in the Gulf of Mexico (Maze-Foley and Mullin 2006, Waring et al. 2013). Evidence from whale calls detected in nearly all months of the year suggests Bryde's whales may inhabit this particular area of the northern Gulf year-round (Širović et al. 2013). It is not known to what extent Bryde's whales may be affected by seismic airgun activity, but baleen whales in general are more likely to be affected by seismic activity because of their sensitivity to low frequency sounds (Southall et al. 2007).
- The National Marine Fisheries Service has identified 35 distinct coastal, bay, sound, and estuarine stocks of bottlenose dolphins in the Gulf (Waring et al. 2013). Although research is limited, studies suggest that coastal stocks range more broadly than bay, sound, and estuarine stocks, which tend to exhibit more stable residency patterns. An ongoing unusual mortality event that began before the Deepwater Horizon oil spill appears to be affecting at least some of these stocks in the northern Gulf, with 1,026 bottlenose dolphin strandings documented between February 2010 and June 2013. Of particular concern is the peak in strandings of premature, stillborn, and neonatal dolphins that have occurred in February, March, and April each year since the oil spill—primarily in Louisiana, but also in other northern Gulf states. The Service has convened a working group which is investigating several potential causes, including direct and indirect effects of the Deepwater Horizon oil spill. However, no definitive cause for the mortality event has so far been identified. Regardless of whether the oil spill is determined to be a factor in the strandings, certain bottlenose dolphin stocks may experience significant reductions from this ongoing mortality event. A restriction on seismic

<sup>&</sup>lt;sup>1</sup> Past Commission letters are available at www.mmc.gov/letters/welcome.shtml.

activities in nearshore waters inhabited by bottlenose dolphins, especially during peak stranding times, could minimize additional, sound-induced stress on these stocks.

To reduce the potential impacts of oil and gas seismic activities on vulnerable marine mammal stocks, the Marine Mammal Commission recommends that the Bureau of Ocean Energy Management include in its environmental impact statement alternatives for time-area restrictions to minimize impacts on sperm whales, Bryde's whales, and coastal, bay, sound, and estuarine stocks of bottlenose dolphins.

### Cumulative impacts

As part of its environmental analyses, the Bureau must consider the impacts of oil and gas operations in the context of other human activities and natural events (Table 1). Human activities include fishing; commercial shipping; tourism; shore-based and inland industry, agriculture, and residential developments that lead to chemical contaminant and nutrient run-off; and military activities. Also, climate disruption likely will alter the physical, biological, and chemical environment, perhaps dramatically, during the lifetime of any given oil and gas development in this region. Perhaps the most extensive changes will be the result of rising sea level and the most abrupt effects caused by increased frequency and severity of storms in the Gulf. Changes in climatic conditions may also affect the incidence and magnitude of hypoxic zones and harmful algal blooms. Finally, it is important to recognize that according to U.S. Census Bureau projections, 19 million more people will live in the five Gulf states by 2030, and this human population increase is bound to impose increasing stress on the marine environment.

A thorough understanding of the cumulative impacts of human activities and natural events in the Gulf would help inform decisions regarding the permitting of oil and gas seismic activities in this highly industrialized region. The Commission recognizes the difficulty of monitoring and evaluating the individual impacts of specific activities on marine ecosystems, let alone the combined impacts of all of the various activities that occur in the Gulf. This is especially true for marine mammals, for which impacts resulting from the proposed action likely will involve behavioral changes in the affected marine mammals and/or impacts on prey species and habitats. The long-term biological significance of such changes is harder to assess than acute impacts such as injury or death.

Conceptual frameworks to analyze the cumulative impacts of various sound sources and other stressors are the focus of ongoing research and modeling efforts (New et al. *in press*, NOAA 2012, Streever et al. 2012). Such frameworks would support a more quantitative approach to determine if, when, and where marine resources, including marine mammals, are likely to experience cumulative impacts that affect their conservation status or hinder their potential to grow and recover. The National Oceanic and Atmospheric Administration's Cetacean & Sound Mapping initiative, in particular, holds significant promise as a new tool that can be used by the Bureau and others to evaluate the individual and cumulative impacts of human-induced noise on cetaceans (NOAA 2012). The Marine Mammal Commission recommends that the Bureau of Ocean Energy Management continue to support the development and maintenance of the National Oceanic and Atmospheric Administration's Cetacean & Sound Mapping initiative to facilitate a more rigorous evaluation of the individual and cumulative impacts of human-induced noise on cetaceans.

### Consideration of Natural Resources Defense Council v. Jewell

During the comment period for scoping, the District Court for the Eastern District of Louisiana issued a settlement agreement in *Natural Resources Defense Council v. Jewell.* That agreement implemented a 30-month stay of proceedings to ensure final action is taken on the Bureau's application to the Service for a Marine Mammal Protection Act incidental take authorization for oil and gas industry-sponsored seismic surveys for geological and geophysical exploration in the Gulf of Mexico (76 Fed. Reg. 34656). The agreement requires the Bureau to collect additional information from applicants proposing to conduct deep penetration seismic surveys and also requires seismic operators to abide by specified interim mitigation measures, including—

- 1) a seasonal restriction on seismic and other activities in coastal waters of the Gulf to protect stocks of bottlenose dolphins;
- 2) an expansion of the shutdown provisions of the Bureau's Joint Notice to Lessees (NTL) 2012-G02 to include manatees;
- 3) a requirement for seismic operators to maintain a minimum separation distance of either 30 or 40 kilometers between active seismic sources, depending on the area of operation;
- 4) restrictions on seismic operations in certain portions of the Outer Continental Shelf Eastern Planning Area;
- 5) the use of passive acoustic monitoring in certain areas during poor visibility conditions to supplement visual observations; and
- 6) additional reporting requirements.

Among other things, the Bureau must include in its programmatic environmental impact analysis for a Marine Mammal Protection Act incidental take authorization an analysis of 1) the above-mentioned interim mitigation measures; 2) mechanisms to reduce cumulative or chronic exposure of marine mammal populations to noise; 3) requirements or incentives to develop and use emergent alternative technologies for seismic surveys, such as marine vibroseis; and 4) the development of a long-term adaptive monitoring plan that addresses potential cumulative and chronic impacts from seismic surveys on Gulf marine mammal populations. These requirements are consistent with the Commission's recommendations.

We appreciate the opportunity to provide these comments and recommendations. Please contact me if you have any questions.

Sincerely,

Rebecca J. henr

Rebecca J. Lent, Ph.D. Executive Director

cc: Michael Payne, National Marine Fisheries Service Office of Protected Resources Rodney Cluck, Bureau of Ocean Energy Management Environmental Studies Program

### References

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Table 1. Human-caused and natural risk factors in the Gulf and potential consequences to marine mammals.

Activities	Specific risk factor	Potential consequences
Oil and gas	Oil spills and leaks	Direct exposure: skin irritation/inflammation, necrosis,
development		respiratory effects, organ damage
		Indirect: shifts in or loss of prey, habitat degradation
	Noise (seismic surveys, construction	Physical trauma to internal organs, permanent or
	and decommissioning of platforms,	temporary hearing loss, avoidance of preferred habitat
	and general operations)	
	Vessel operations	Vessel strikes (injury/mortality), avoidance of preferred
		habitat
	Production waste (drill fluids and	Organ damage and impaired immune system function
	cuttings, produced water, deck	from heavy metal contamination, habitat degradation
	drainage, municipal wastes, and debris)	(decreased water quality), loss of prey
Commercial and	Fishing with nets and lines	Entanglement in and ingestion of fishing gear
recreational fishing	Fishing for prey species	Reduced availability of prey species, habitat alteration
	Vessel operations	Vessel strikes (injury/mortality), avoidance of preferred
		habitat
Shipping and	Noise, vessel operations	Vessel strikes (injury/mortality), avoidance of preferred
vessel traffic	_	habitat
Military activities	Vessel operations	Vessel strikes (injury/mortality), avoidance of preferred
		habitat
	Noise (SONAR training and testing,	Acoustic and non-acoustic physical trauma, avoidance of
	explosives)	preferred habitat, mortality in severe cases
Agriculture	Runoff of land-based pollutants	Direct: injury/mortality
	(resulting in harmful algal blooms,	Indirect: decreased water quality, shifts in or loss of prey
	anoxic or hypoxic "dead" zones)	species
Coastal	Noise from pile driving and other	Acoustic trauma (at short range), acoustic disturbance,
development	activities associated with marina and	avoidance of preferred habitat
	bridge/causeway construction	
	Dredging	Loss of sea grass beds, habitat degradation
	Loss of coastal wetlands and other	Loss of prey habitat, habitat degradation
	coastal habitats	
Renewable energy	Pile driving for anchoring wind and	Acoustic trauma (at short range), acoustic disturbance,
	wave turbines	avoidance of preferred habitat
	Turbine operations	Physical trauma, electromagnetic disturbance, avoidance
		of preferred habitat
Greenhouse gas	Ocean acidification	Shifts in or reduction/loss of prey species
emissions	Warming seas	Habitat degradation, shifts in or reduction/loss of prey
	Increased storm activity and increased	Shifts in prey, avoidance of preferred habitat
	severity of storms	
	Sea level rise, leading to coastal habitat	Loss of prey habitat, habitat degradation
	loss	
Natural events	Seepage of oil	Direct: organ damage
		Indirect: habitat degradation
	Harmful algal blooms (e.g., red tide)	Injury/mortality, shifts in prey
	Predation	Injury/mortality
	Large-scale ecosystem fluctuations	Shifts in or loss of prey
	Hurricanes	Shifts in prey, avoidance of preferred habitat,
	Turrences	
	Transacto	displacement of animals, habitat degradation or destruction

# **PUBLIC SUBMISSION**

**As of:** July 09, 2013 **Received:** July 08, 2013

Status: Posted Posted: July 09, 2013

Tracking No. 1jx-86cj-2ql8 Comments Due: July 09, 2013 Submission Type: Web

**Docket:** BOEM-2013-0034

Outer Continental Shelf Geological and Geophysical Exploration Activities in the Gulf of Mexico

**Comment On:** BOEM-2013-0034-0001

Outer Continental Shelf Geological and Geophysical Exploration Activities in the Gulf of Mexico

**Document:** BOEM-2013-0034-0025

Comment from Jolene Williams, National Park Service, Gulf Islands National Seashore

### **Submitter Information**

Name: Jolene Williams

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Ocean Springs, MS, 39564 **Email:** jolene williams@nps.gov

**Phone:** 228-230-4132

Organization: National Park Service, Gulf Islands National Seashore

Government Agency Type: Federal

**Government Agency: NPS** 

# **General Comment**

We are definitely interested in submitting comments at draft PEIS time via superintendent letter, but my initial concerns are as follows:

- 1) Gulf Islands National Seashore boundaries in Florida extends on the north to the south boundary of the Intracoastal Waterway and extends on the south one mile from the low tide line of the offshore islands. Similarly, GUIS boundaries in Mississippi extend one mile from the low tide line of the offshore islands, except for Cat Island. No G&G activity or effect from any G&G activity within park boundaries without park approval. A mitigation that might be required would be "no effects to resources within GUIS boundaries".
- 2) What environmental impacts to what resources? How would the resources be impacted, especially submerged geology and island subsidence?
- 3) How deep and how strong are the proposed G&G activities, especially seismic activities, and how are the proposed G&G activities different from remote sensing mapping technologies employed by NOAA when preparing navigational charts?

- 4) Units within the Florida District are contained with Fort Pickens Aquatic Preserve. Units within the Mississippi District are designated Wilderness.
- 5) Natural resources to discuss may include: threatened and endangered species Sea Turtles; Gulf Sturgeon and Critical Habitat; Piping Plover and Critical Habitat, Perdido Key Beach Mouse and Critical Habitat; Proposed critical habitat for nesting Loggerhead Sea Turtles;

any questions, please ask, thanks

Jolene Williams
Environmental Protection Specialist
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GOMGGEIS, BOEM <gomggeis@boem.gov>

## **Scoping comments**

1 message

**Winston Denton** < Winston.Denton@tpwd.texas.gov> To: gomggeis@boem.gov

Tue, Jul 9, 2013 at 12:00 PM

Mr. Gary Goeke, attached is a corrected letter for providing scoping comments to the Gulf of Mexico Programmatic Environmental Impact Statement. The letter you received yesterday contained a typographical error in the header information. Please replace the July 8<sup>th</sup> letter with this corrected version dated today July 9<sup>th</sup>.

Thank you,

Winston Denton

Upper Coast Assessment Team Leader

Ecosystem Resources Program

Coastal Fisheries Division

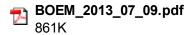
Texas Parks and Wildlife Department

1502 FM 517 E.

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Life's better outside.

July 9, 2013

Gary D. Goeke, Chief Environmental Assessment Section Office of Environment (GM 623E) Bureau of Ocean Energy Management Gulf of Mexico OCS Region 1201 Elmwood Park Boulevard New Orleans, Louisiana 70123-2394

Commissioners

T. Dan Friedkin Chairman Houston

Ralph H. Duggins Vice-Chairman Fort Worth

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Margaret Martin Boerne

S. Reed Morian Houston

> Dick Scott Wimberley

Lee M. Bass Chairman-Emeritus Fort Worth

Carter P. Smith

Re: Scoping Comments

Programmatic Environmental Impact Statement for Geological and Geophysical Activities on the Gulf of Mexico

### Dear Chief Goeke:

Texas Parks and Wildlife Department (TPWD) appreciates the opportunity to provide scoping comments for the development of a Programmatic Environmental Impact Statement for the Gulf of Mexico. TPWD is the agency with primary responsibility for protecting the state's fish and wildlife resources in Texas.

Conducting near-shore surveys during the winter season would minimize impacts to commercially and recreationally important fish and wildlife species as well as reduce potential conflicts between user groups. Finfish utilization of near-shore coastal waters is highest in the summer and fall seasons, (e.g., the fall spawning period for red drum). Nesting for species of endangered sea turtles, including the Kemp's Ridley sea turtle, occurs during the summer months. Recreational and commercial fishing activities are most active during the warmer months of the year.

To minimize impacts to fish and wildlife resources, TPWD recommends that:

- the near-shore geological or geophysical surveys should be conducted in the colder months, from December through-March
- while conducting the surveys, a minimum of 1,000 ft. buffer zone off both the jetty breakwaters and gulf beach shoreline should be maintained
- signs with information and contacts regarding the geologic or geophysical survey occurring in Texas Territorial Seas should be placed at public water access points

TPWD maintains 67 artificial reef sites established for habitat enhancement along the Texas Coast and as far offshore as the Flower Garden Banks. Offshore sites are typically 40 acres (1,320 ft. x 1,320 ft.) and nearshore sites are 160 acres (2,640 ft. x 2,640 ft.). Around the artificial reef sites, TPWD recommends buffer zones are established as a perimeter in order to minimize impacts to reef habitants.

Mr.Goeke Chiel Page 2 of 2 July 9, 2013

Questions can be directed to Mr. Winston Denton (281-534-0138) at the Dickinson Marine Lab or Ms. Leslie Koza (361-825-2329) in Corpus Christi. Questions regarding artificial reef sites can be directed to Mr. Chris Ledford (281-534-0113.)

Sincerely,

Rebecca Hensley

Regional Director, Ecosystem Resources Program

Coastal Fisheries Division

RH:wd



STEPHEN CHUSTZ SECRETARY

# State of Louisiana

# DEPARTMENT OF NATURAL RESOURCES OFFICE OF COASTAL MANAGEMENT

June 25, 2013

Mr. Gary D. Goeke, Chief Regional Assessment Section Office of Environment (GM 623E) Bureau of Ocean Energy Management Gulf of Mexico OCS Region 1201 Elmwood Park Boulevard New Orleans, Louisiana 70123-2394

RE: Scoping Comments for proposed Programmatic Environmental Impact Statement (EIS) to evaluate Geological and Geophysical (G&G) activities in federal and state waters of the Gulf of Mexico, subject to the regulatory authority of the Bureau of Ocean Energy Management (BOEM) and the National Marine Fisheries Services (NMFS)

Dear Mr. Goeke:

The State of Louisiana has received Notice that BOEM and NMFS plan to collaborate on a Programmatic EIS to assess potential environmental impacts associated with G&G activities, including electromagnetic surveys, high-resolution seismic surveys, and geological sampling. The Louisiana Department of Natural Resources, Office of Coastal Management (OCM), has reviewed the Notice and offers the following comments.

The state and federal waters of our coastal ocean habitat, with its estuaries, wetlands, barrier islands and seashores, serve as breeding and nursery grounds for many commercially important ocean species. Louisiana's commercial and recreational fisheries provide important jobs, an economic boost to the State, and food for the Nation. The coastal ocean habitat also supports extensive oil and gas exploration and development, and its attendant navigation and port facilities, critical to our national economy.

Louisiana has always endorsed offshore oil and gas activity in the Gulf of Mexico. Insofar as data from G&G surveys are necessary to better inform the business community when making decisions on Outer Continental Shelf (OCS) prospecting, these exploratory activities are an integral component in the safe development of these resources. OCM welcomes this effort by BOEM and NMFS to provide decisionmakers with the data and analyses needed to ensure that the environmental consequences of G&G activities are minimized. We urge BOEM and NMFS

to carefully identify and evaluate all secondary and cumulative onshore environmental impacts resulting from oil and gas exploration and development in federal and state waters.

We appreciate the opportunity to comment and look forward to being included in coordinated efforts to address all aspects of OCS activity as they apply to Louisiana.

Sincerely,

Acting Administrator

cc: Tershara Matthews, BOEM MS 5412

Brian Cameron, BOEM MS 5412

Project file C20130106