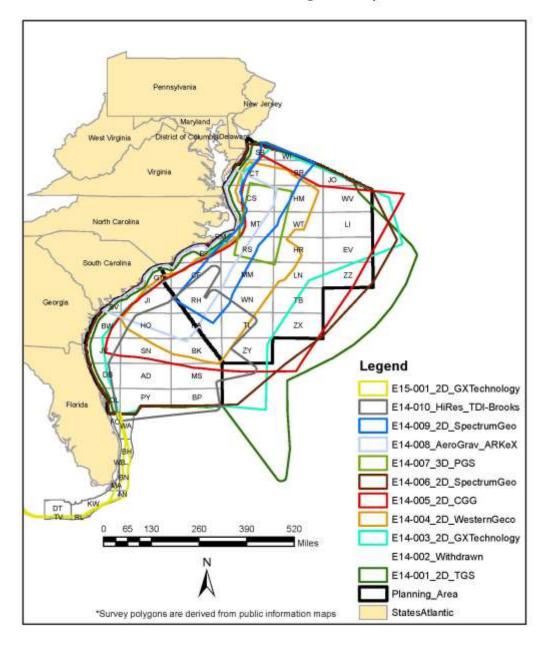
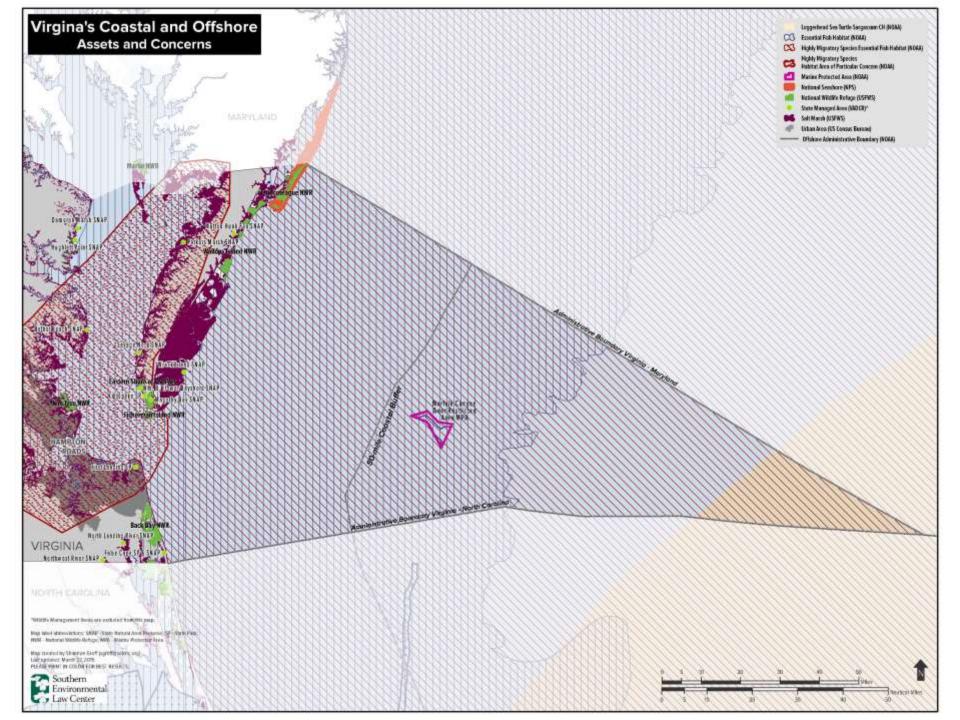
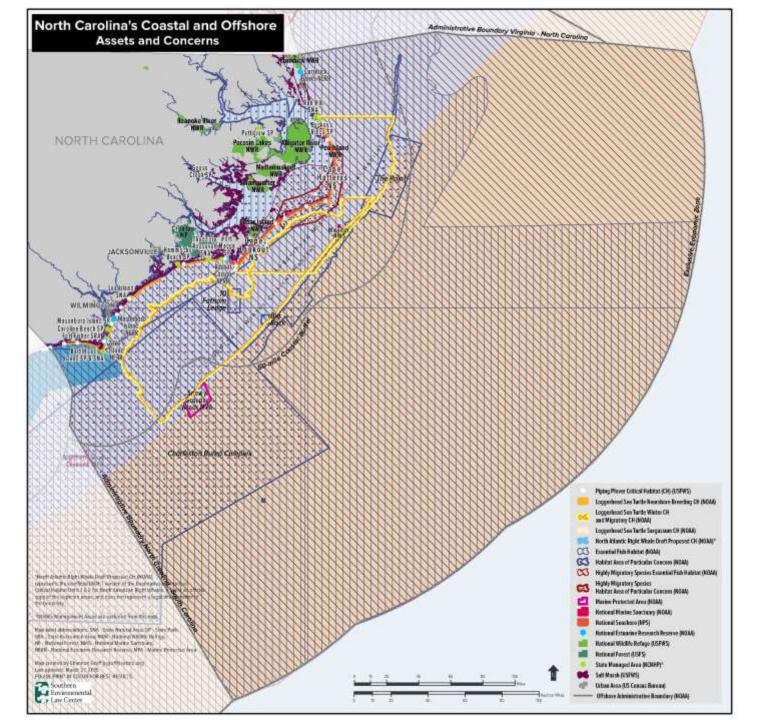
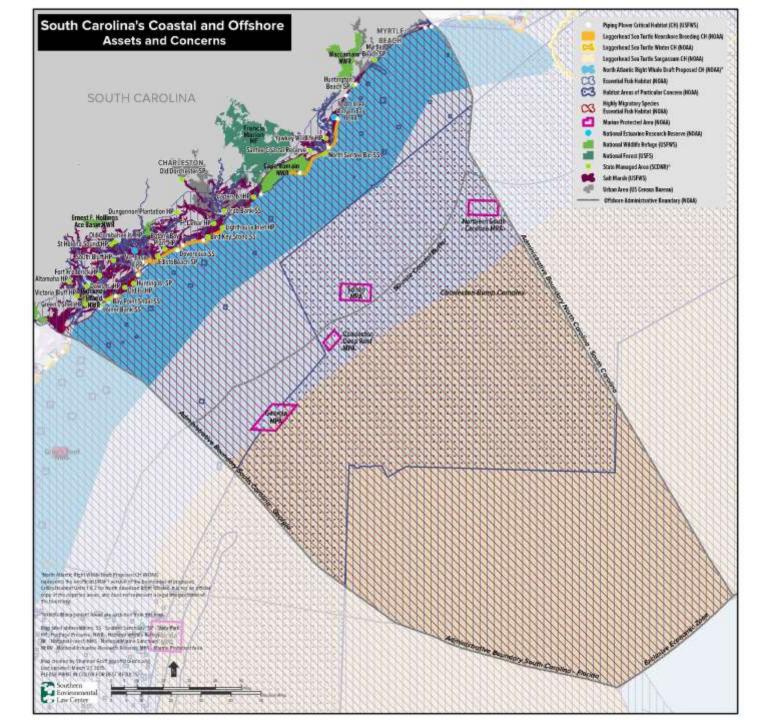


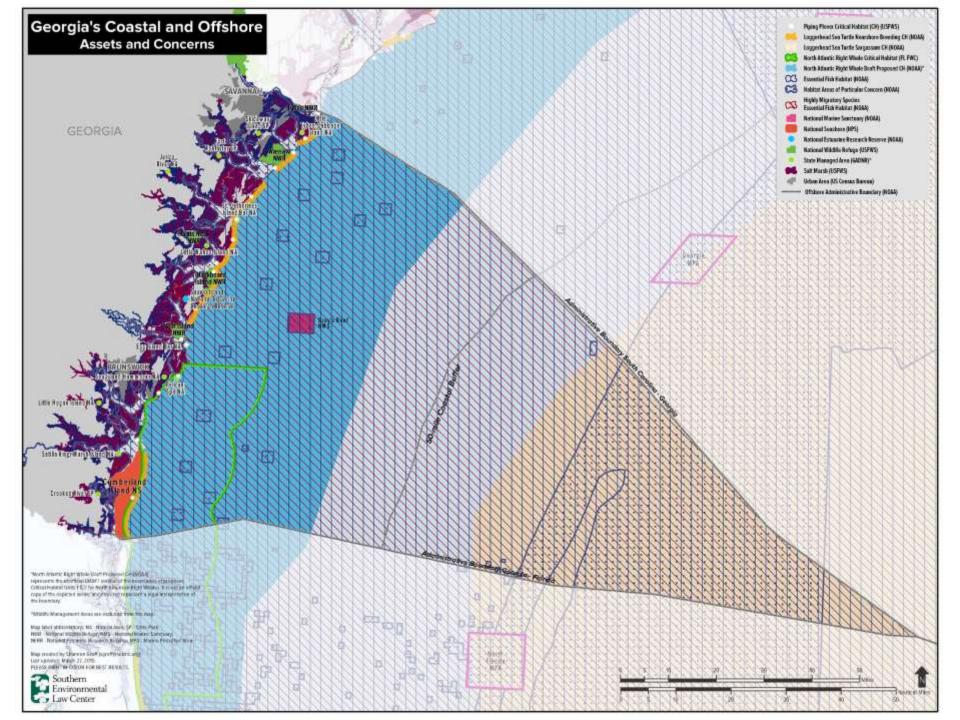
### Atlantic Pending Surveys











- Under National Environmental Policy Act, a federal agency must consider "cumulative impacts" when evaluating a proposed federal action.
  - "Cumulative impacts" are those impacts "on the environment which result[] from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time." 40 C.F.R. § 1508.7.

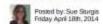
 Under the Endangered Species Act NMFS must evaluate the cumulative impacts of federal actions on listed species and critical habitat and formulate its "biological opinion as to whether the action, taken together with cumulative impacts, is likely to jeopardize the continued existence of the listed species" or result the destruction of adverse modification of critical habitat. 50 C.F.R. § 402.14(q).

 The Marine Mammal Protection Act prohibits the take of marine mammals except in limited circumstances, including the incidental take of "small numbers" of marine mammals, where the "total of such taking during each five-year (or less period) will have a negligible impact on such species or stock." 16 U.S.C. § 1371(a)(5)(A)(i)(I) (emphasis added).

- The Outer Continental Shelf Lands Act allows geological and geophysical surveys "which are not unduly harmful to aquatic life in such area."16 U.S.C. § 1340(a).
  - Activities must be carried out in a "safe and environmentally sound manner so as to prevent harm or damage to, or waste of, any natural resources[], any life (including fish and other aquatic life), property, or the marine, coastal, or human environment." 30 C.F.R. § 551.2.

 South Carolina's Office of Coastal and Resource Management must consider "[t]he possible long-range, cumulative effects of the project, when reviewed in the context of other possible development and the general character of the area" when making a consistency determination. S.C. Code Ann. § 48-39-80(B)(11).

### Opposition mounts to seismic testing for Atlantic oil and gas reserves



This Sunday, April 20 marks four years since BP's Deepwater Horizon disaster began unfolding in the Culf of Mexico, killing 11 workers and setting off an 87-day guisher that dumped an estimated 200 million gallons of oil into the coastal ecosystem.

Though febremen says casches are still down due to the environmental damage caused by the spill, EP is back in action in the Gulf. Last month it reached an agreement with the U.S. Stevenmental Protection Agency tilting the bar that kept it from signing new childing deals. Lass than a week lover, the company <u>enverged as the highest bridger for 24 of the Gulf blocks on sale.</u>

With a return to business as usual for Big Off in the Gulf of Mexico, the industry is now pressing to opin-rup the southeastern Atlantic Coast to exploration — but it's meeting growing resistance from local communities that would be most directly affected by expanded differe.



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THE DAILY NEWS - PACKSONNILLE, HE The rapp to for your particular concentrations and

### Opponents voice conce

By Jameste Pippin Published: Thursday, April 9, 1003 of 101-40 FM.

MOREHEAD CITY - The community were mixed at a proposed animic testing of the North Carolina count o impacts would be calcinual and short tests.

The public bearing held by the North Caroline Division people to the Crystal Court Civic Center in Morehead selected to the Crystal Court for oil and gas exploration.

After the first loose and half of the bearing, easily 30 p comments against estenic activities of the court.

Kenda Ducida, a Tena pative who now lives in Ada the oil industry and it's not what the counts to see corn

She said any jobs created would be filled by employee exploration rouse with a risk.

Duriels centioned that allowing the proposed existing and potential drilling for all off the court.

"There's no turning back," she said.

That's not assumedly so, said appearantives who we

Ken Wells, president of the International Association : testing one eliminate error that may not porve to be fo

"The value of this type of testing is that we are able to

The Division of Countyl Management has received finithave applied for federal permitted conduct asismic as:

While the surveys would take place ceitinly in federal pennil the projects, it does have the sufficiely to swice consistent with the same's certified costsol management

Due to the widequeud interest in the topic, the divisional over the month apportunity of public input as possible.

News & Opinion » Environment

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February 18, 2015

### Environment: Georgia groups come together to oppose offshore drilling

Of concern is damage the noise could do to North Atlantic right whales By Jessica Leigh Lebos

Mcconnectsavannah.com

@typeitloud



To learn more, go to oceana.org or onehundredmiles.org.

550015 We're not for safe: Cossist leaders at odds with S.C., federal officials on offshore drilling; The State The State

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MARCH 27, 2015

'We're not for sale': Coastal leaders at odds with S.C., federal officials on offshore drilling



Beaufort Mayor Billy Keyserling, left, discusses the threats that offshore oil and gas development will have on South Carolina's healthy ocean ecosystems, fisheries and tourism, while highlighting the benefits of offshore wind, including its ability to produce more jobs and energy while at the pavilion at Waterfront Park in January, ITHEOPHIL SYSLO - The (Hilton Head) Island Packet sheds show up in opposition to selemic leading in Rure Beach - Live@News.com | Charleston, SC | News, Weather, Spicits

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### Hundreds show up in opposition to seismic testing in Kure Beach

IX./RE BEACH, N.C. (WECT) – After hours of public comments about seismic testing in the Atlantic Ocean, town leaders in Nurs-Beach let a crowd of hundreds of people know that they do not have an official status on the issue.

The large show of opposition against the Issue was prompted by an earlier letter of support for esteric testing signed by Kare Beach Major Dean Lambeth. The letter, as Town Commissioner Cavid Height explained to the crowd, was not on official letterhead and strept the opinion of an individual chare.

Hegian said he was glad to see so much interest in local government, but the outpy against the issue was easiety why he told his fellow commissioners lists month that the two shadon in no see a stance on a feed his fellow.

"Just like abortion or voting rights," megiar told a crowded council room.

Some in the crewit said they would prefer town leaders to take a stance on the issue, specifically one of apposition, judy Lamick, a nesident of the town for 18 years, said last year's elections relight have been more contentious if the opinions on seturate tearing were known.

"We need to know who we're electing and what their opinions, values and policies stand for," she said.

Lamids said she will remember this debate when she vates in the next municipal election, though threshow, with Saho kniendly Action, said Monday night that he would like to see leaders in Nare Blanch adopt a resolution similar to one passed in Wrightsville Blanch that opposes any off-short boding and of litting.

"I would love to see that happen in Kure Beach," said Bradshaw. "I frink the others support is there, but I don't believe the support is there on the town council."

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Police: Chartestan man charged in Wednesday right: showing

### Science community concerns about seismic testing







March 5, 2015

President Barack Obama The White House 1600 Pennsylvania Avenue Washington, D.C. 20500

### Dear Mr. President:

On behalf of 75 marine scientists, we are writing to convey the attached letter of concern over the introduction of seismic oil and gas surveys off the U.S. east coast. The letter is signed by colleagues representing such institutions as Cornell, Duke, the New England Aquarium, Stanford, the University of North Carolina, and Woods Hole Oceanographic Institution, and includes leading experts in marine biology and bioacoustics.

Last July, the Interior Department issued a "framework" for opening its mid- and southeast Atlantic regions to high-energy seismic airgun surveys. As the letter states, however, we believe that the Department has substantially underestimated the impact of this disruptive activity on marine life and has prescribed mitigation that is inadequate to address its significant cumulative

Fundamentally, the ocean is a world of sound. Whales, fish, and other marine species have evolved to use sound as their primary sense, for foraging, breeding and other activities essential to their servival. The high-volume airgum armys used by the seismic industry are known to disrupt these vital behaviors in a wide range of marine species on extraordinarily large spatial

It is our expert assessment that the activity proposed by the laterior Department "is likely to have significant, long-lasting, and widespread impacts on the reproduction and survival of fish and marine mammal populations in the region." On behalf of ourselves and our colleagues, we therefore respectfully urge you to reconsider the Interior Department's analysis. To proceed otherwise, as the letter states, "is simply not sustainable."

Very truly yours,

Christopher Clark, Ph.D. Senior Scientist Bioacoustics Research Program Comell University

Scott Kraus, Ph.D. Vice President of Research John H. Prescott Marine Laboratory New England Aguarium

President Harack Obama March 5, 2015 Page 2

Doug Nownork, Ph.D. Repuss-Rodgers Chair of Marine Conservation Technology Nicholas School of the Environment and Pratt School of Engineering Duke University

Aaron Rice, Ph D. Science Director Bioacounties Research Program Cornell University

Andrew J. Rend. Ph.D. Stephen Toth Professor of Marine Biology Division of Marine Science and Conservation Nicholas School of the Environment Duke University

# Local government opposition to seismic testing

### South Carolina

Charleston, Columbia, Beaufort, Edisto Beach,
 Folly Beach, Georgetown, Isle of Palms, James
 Island, Port Royal, Rockville, and Sullivan's Island

### Georgia

Savannah, Tybee Island and St. Mary's

### North Carolina

 Carolina Beach, Caswell Beach, Manteo, Nags Head, Oak Island, Southport, St. James, Sunset Beach, and Topsail Beach

### Charleston passes resolution opposing seismic testing and offshore drilling

2015-02



A RESOLUTION

TO EXPRESS THE CITY OF CHARLESTON'S OPPOSITION TO SEISMIC TESTING AND OFFSHORE DRILLING ACTIVITIES.

WHEREAS, the U.S. Bureau of Ocean Energy Management (BOEM) is currently in the process of trying to open the mid and south Atlantic planning areas to exploration and development of offshore oil and gas which will include the utilization of methods, such as seismic blasting, and.

WHEREAS, the seismic data collected during any exploration activities will be proprietary and will not be available for review by the State of South Carolina, the City of Charleston, or members of the public; and

WHEREAS, it will be impossible for the City of Charleston to give adequate consideration to the costs, benefits, and risks of BOEM's offshorn oil and gas proposal due to the lack of transparency of this process; and,

WHEREAS, the City of Charleston cannot fully participate in the BOEM planning process without appropriate access to the resource studies conducted off our coast; and,

WHEREAS, the full impacts of seismic testing and offshore drilling in the Atlantic Ocean are not yet fully understood by scientists, or the Federal Government, and lower-impact afternative technologies may be available for exploration in the near future; and,

WHEREAS, exploratory and commercial drilling, extraction, and transportation of offshore oil and gas resources pose a risk of a spill; and,

WHEREAS, eventual offshore drilling may require onshore infrastructure, such as pipelines or refineries, which may compromise the character of our coast; and,

WHEREAS, the City of Charleston is concerned about the potential impacts of offishere drilling activities on our coest; and, WHEREAS, the City of Charleston is a South Carolina municipality where a major economic force is tourism related to the appreciation of our natural coental and historical environment, which are also the primare factors contributing to the high quality of life the City's residents enjoy, enabling business recruitment, economic growth, and attracting new residents; and

WHEREAS, the City of Charleston endeavors to be a good steward of its coastal environment and its resources; and

WHEREAS, the City of Charleston believes that more research should be done to fully understand and to better address the impacts of scismic testing, and any testing should be done in a transparent manner and the options for mitigating those impacts explored before exploration begins.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CHARLESTON, IN COUNCIL ASSEMBLED, THAT THE CITY IS OPPOSED TO THE CURRENT BOEM PROPOSAL FOR SEISMIC TESTING AND OFFSHORE OIL AND GAS DEVELOPMENT OFF OF THE SOUTH CAROLINA COAST.

Done this Whay of March 2015.

# National opposition to seismic testing

- Sen. Bill Nelson (D-FL) introduced legislation last week to block seismic testing off Florida's coast, calling drilling for oil and seismic testing in the Atlantic OCS "unwise and impractical."
- Rep. Mark Sanford (R-SC) announced his opposition to seismic testing and offshore drilling, citing the substantial risk to unique coastal resources and intense local opposition in his coastal district.