



United States Department of the Interior

BUREAU OF OCEAN ENERGY MANAGEMENT
WASHINGTON, DC 20240-0001

MAY 21 2012

Dr. Lorrie D. Rea
Chair, Bureau of Ocean Energy Management
Outer Continental Shelf Scientific Committee
Wildlife Physiologist, Division of Wildlife Conservation
Alaska Department of Fish and Game
1330 College Road
Fairbanks, Alaska 99701-1551

Dear Dr. Rea:

On behalf of Bureau of Ocean Energy Management (BOEM) I thank you for accepting the position of Chair of the BOEM Outer Continental Shelf Scientific Committee (OCS SC). I look forward to working with you.

Thank you for your letter dated February 3, 2012, detailing your comments from the OCS SC meeting last year in Hyannis, Massachusetts on May 17-19, 2011. I am writing to respond to your comments and recommendations.

In regard to the Environmental Studies Program (ESP) budget, you pointed out that the "budget needs to be further increased in light of the Bureau's expanded geographic scope of the leasing program and expanded scientific assessment required for development of renewable energy in the OCS." I agree, and BOEM's FY 2013 budget request includes additional funding for ESP (http://www.doi.gov/budget/2013/data/greenbook/FY2013_BOEM_Greenbook.pdf).

Unfortunately, given the current fiscal situation affecting all Federal agencies, budget outlooks are uncertain. Nevertheless, I am confident that the ESP, with guidance from the OCS SC, can maintain its commitment to excellence in conducting applied science for informed decisions on ocean energy. Unfortunately, this may have to be accomplished by reducing the scope of some studies, or delaying or cancelling lower priority studies. As always, partnerships and collaborations will be sought to leverage limited budgets and extend the utility of the work conducted.

As part of the Interior Department's structural reform of offshore energy oversight BOEM has added subject matter experts in all of our environmental programs. Additionally, the position of Chief Environmental Officer of BOEM was established to oversee the integration of BOEM's rigorous scientific analysis with resource development and decision-making. Dr. Alan D. Thornhill was named the first Chief Environmental Officer of BOEM in November 2011.

Dr. Thornhill is responsible for directing BOEM's programs for studying the offshore environmental issues necessary to support responsible decision-making about resource development, managing the National Environmental Policy Act (NEPA) review process, and developing national priorities for scientific research relating to the oceans.

Additionally, Dr. Mary Boatman joined the Renewable Energy Program as the Environmental Studies Chief. Dr. Boatman has been working with ESP since 1998 and most recently was instrumental in the National Ocean Council's National Ocean Policy (NOP) Implementation plan, and the implementation of the data portal at <http://www.data.gov/ocean>.

The ESP is also expanding its ability to work with academia through the Cooperative Ecosystems Studies Units (CESU). CESUs are a national consortium of Federal agencies, academic institutions, tribal, state, and local governments, nongovernmental conservation organizations, and other partners working together to support informed public trust resource stewardship. The ESP has joined all coastal units that meet the bureau mission, and has nine ongoing studies and seven new starts for 2012 under CESU agreements.

Dr. Rodney Cluck, Chief, Division of Environmental Sciences, was named co-chair to the National Ocean Partnership Program's (NOPP) Subcommittee on Ocean Science and Technology's Engagement with the Interagency Working Group on Ocean Partnerships (IWG-OP). The IWG-OP facilitates partnerships and collaboration among the Federal oceanographic community. The importance of the NOPP and this program to the Nation is evidenced by its statutory creation by the U.S. Congress in 1997 through Public Law 104-201. Regular participants include BOEM, NOAA's Office of Oceanic Atmospheric Research, Integrated Ocean Observing Systems, Office of Exploration and Research; NASA, ONR, NSF, DOE, Army Corps of Engineers and the US Navy.

The ESP is continuing agreements with two Coastal Marine Institutes (CMI), Louisiana State University (LSU) (<http://www.cmi.lsu.edu/index.php>) and the University of Alaska at Fairbanks (UAF) (<http://www.sfos.uaf.edu/cmi>). CMI programs are designed to respond to BOEM, State, and local information needs and interests with local expertise in the OCS-relevant disciplines. The LSU CMI was established in 1992, and celebrated 20 years of collaborative research in a celebration on April 24, 2012. Over \$30 million in research agreements have been awarded by BOEM to 140 studies through the LSU CMI program. In addition to funding the research of scientists at LSU, more than 100 graduate and undergraduate students have been supported through these projects. The UAF CMI has undertaken more than 60 studies with \$15 million in research agreements since 1993.

In regard to Recommendations 1 and 2 noting a desire for multiple meetings per year and support for travel to Information Transfer Meetings (ITMs), I agree that it would be very valuable for the OCS SC to meet twice per year: once to advise on future studies, and once to receive updates on studies in progress. While BOEM supports this request, the ability to hold multiple meetings in any given year will be dictated by agency funding levels. I also agree that members of the committee should be encouraged and supported to attend one or more ITMs each year. These meetings provide an excellent opportunity to interact with studies investigators and receive updates and results of ongoing studies. Dr. Cluck will coordinate with the members of the OCS SC on this point.

Regarding Recommendation 3 on promoting peer review and external publication of BOEM funded studies, BOEM is committed to supporting the peer review and publication of ESP funded studies. This begins with encouraging and supporting BOEM scientists to write and publish in peer-reviewed publications, and continues with encouraging BOEM-funded scientists

to publish the results of BOEM research (including BOEM paying for publication fees). That being said, it is not possible to make it a requirement of contracts for BOEM funded scientists to publish in peer reviewed publications, as it is out of the control of both BOEM and the PIs as to whether or not a journal will accept a specific paper for publication.

ESP scientists are also encouraged to utilize outside experts (particularly the OCS SC members) to assist in proposal evaluation, at their discretion, and have been encouraged recently to utilize these types of peer and external review as often as is appropriate. Additionally, BOEM utilizes its involvement with the NOPP and other entities in this capacity.

An enclosure has been prepared to address the issue raised in Recommendation 4, regarding the status of projects presented to the OCS SC. It lists studies presented in the past two Studies Development Plans (SDP) and studies added outside the SDP process. The status of funding, start date, expected finish date, and total budgets are listed.

To respond to Recommendation 5 on increasing social science capacity in the Gulf of Mexico (GOM) Region, the GOM Region studies staff has been reorganized such that a dedicated socio-economist reports directly to the Studies Chief in the region. An additional economist has also been added to the GOM scientific staff to aid in studies development and analysis. Further, we anticipate at least one or two new socio-economic studies to be presented at the May 2012 OCS SC meeting to address issues resulting from the Macondo incident, and a similar scenario with new studies at the 2013 OCS SC meeting. To address your concern about staffing levels for socio-economic subject matter experts in the GOM Region, we are again constrained by the current federal budget situation, but are constantly evaluating priority staffing needs and making balanced decisions based on the needs of the entire Bureau.

In regard to the Pacific Region's funding needs to support renewable energy research addressed in Recommendation 6, each region is apportioned ESP funds for studies in a manner that reflects their requests. They base their requests on immediate and anticipated science needs. If the Pacific Regions' needs increase, funding will be allocated appropriately and staffing needs will be evaluated as noted above. The ESP also anticipates an increase in needs regarding renewable energy development and will respond based upon the requests submitted by the region.

As noted in last year's response letter from former Bureau of Ocean Energy Management, Regulation and Enforcement Director Michael Bromwich, the ESP has reviewed your excellent recommendation for prioritizing studies and has incorporated these criteria into the decision-making process used to develop the National Studies List. Final decisions are of a collaborative nature, made in discussions between BOEM ESP staff in headquarters and in the regions to best address Bureau needs. The decision process begins with regional scientists and managers creating a priority list for each fiscal year, followed by discussing these priority lists with regional and headquarters Studies Chiefs to reach consensus on which studies move forward.

In response to your additional Recommendation 1 which addresses ocean planning activities, BOEM is engaged significantly with the ongoing Ocean Planning initiative. Ocean planning is an important tool for implementing Ecosystem Based Management which is at the heart of the integrated resource management approach promoted by the National Ocean Policy (NOP). BOEM has considerable experience in planning processes like those intended to be implemented

by the NOP. The Five-Year Program for oil and gas and the Renewable Energy Program both require comprehensive, transparent planning processes and extensive stakeholder outreach (through scoping, task force, and other public meetings). This experience is extremely valuable as BOEM participates in ocean planning activities in various regions. BOEM is the DOI lead for coordinating ocean planning efforts under the NOP, and also is the Federal co-lead in the Mid-Atlantic region and potentially in the Alaska region. BOEM is engaged significantly in other regions with interest in developing energy and mineral resources on the OCS: Northeast, South Atlantic, GOM and the West Coast. Additional BOEM experience includes creating data linkages with the Multipurpose Marine Cadastre (MMC), the NOP data portal (www.data.gov/ocean), and with other regional data portals. It is critical for BOEM to ensure that science dissemination is occurring so that regional ocean planning initiatives are able to utilize the full extent of BOEM science.

With regards to your additional Recommendation 2 on increasing international studies coordination, I am pleased to note that the ESP has begun new studies in collaboration with Canada and Russia, and continues a fruitful relationship with counterparts in Mexico. These studies address important fish stocks, pinniped populations and physical oceanographic topics respectively. I agree wholeheartedly that these types of scientific collaborations should be encouraged and increased as appropriate to meet our important stewardship mission.

To address your final additional recommendation regarding the Discipline Breakout Groups (DBG) scheduling, ESP staff has reviewed the scheduling of the DBG presentations. As a result, adjustments have been made to meet the needs of the OCS SC and foster the valuable scientific dialogue that needs to take place to develop a strong scientific portfolio for the coming years. Please let me know in your response to this year's meeting if this new agenda meets the needs of the OCS SC.

I offer my sincere thanks for your service to the Nation and BOEM and look forward to working with you and the OCS SC in the future.

Sincerely,



Tommy P. Beaudreau
Director

Enclosure

**Table of Studies From Studies Development Plans
FY 2011-2013
FY 2012-2014
FY 2013-2015
Showing Approval and Award Status**

The following table is provided in response to the request from the Scientific Committee (SC) included in their letter of February 3, 2012. The table lists the studies presented to the SC in Studies Development Plans (SDP) for the previous two fiscal years and the current plan. It also lists studies that were added to the National Studies List (NSL) without appearing in an SDP.

The table is arranged first by Region and then by NSL number (an internal tracking number indicating that the study was approved to move toward procurement. Studies without an NSL number have not been approved to move towards procurement and are listed in order of the most recent plan in which they appeared and then in alphabetical order by title.

An "X" in an SDP column indicates that the profile appeared in that plan. If a study was added outside the SDP process, no "X" is shown in any of the three SDP columns.

In the column "Approved in FY," the fiscal year in which the study was approved on the NSL for procurement is given. A "TBD" in this column indicates that the study is in the current plan and has not been presented for approval on the FY 2013 NSL yet. A "N/A" in this column indicates that the study was not approved for inclusion on the NSL after appearing in a previous year's SDP.

In the column "Awarded in FY," the fiscal year in which the study was awarded is given. A "Cancelled" in this column indicates that the study was approved on the NSL, but was later cancelled. A "Deferred" in this column indicates that the study was approved on the NSL, but will not be moved toward procurement until FY 2013 or later. A "TBD" in this column indicates that the study is in the current plan and has not been presented for approval on the FY 2013 NSL yet. A "N/A" in this column indicates that the study was not approved for inclusion on the NSL after appearing in a previous year's SDP.

In the column "Total Allocation," the total dollar amount planned for awarded studies is given. A "Cancelled" in this column indicates that the study was approved on the NSL, but was later cancelled. A "First Submission" in this column indicates that the profile appears only in the current SDP. A "Repeated Submission" in this column indicates that the study appears in the current SDP as well as in one or both of the previous two SDPs. A "Not Approved" indicates that the study was not approved for inclusion on the NSL.

In the column "Award Date," the date of contract or agreement award is given. A "TBD" in this column indicates that the study was approved on the NSL, but the award has not been completed. Studies have no entry in this column if they were cancelled or deferred, if they are in the current plan, or if they were not approved for inclusion on the NSL.

In the "Completion Date" column, the expected completion date of awarded studies is given. No other studies have entries in this column.

**Table of Studies From FY 2011, 2012 and 2013 SDPs
Showing Approval and Award Status**

HEADQUARTERS										
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
NT-11-01	Evaluation of the Relative Environmental Sensitivity and Marine Productivity of the Outer Continental Shelf (OCS)	X			2011	2011	\$582,377	09/12/11	03/11/13	
NT-11-02	ESP Education and Outreach Initiative				2011	Various	\$250,000			
NT-11-03	Source and Propagation Characteristics of High Frequency Sound Used for High Resolution Geophysical Surveys	X			2011	Cancelled	Cancelled			
NT-11-04	Update to the BOEMRE Oil Spill Risk Analysis (OSRA) Model: Applying Lagrangian Stochastic Model to Track Oil Spills	X			2011	2011	\$194,992	09/26/11	09/25/13	
NT-11-05	Support to the National Marine Educators Association Annual Conference				2011	2011	\$75,000	03/13/12	07/31/12	
NT-11-06	Shelf-Slope Sediment Exchange in the Northern Gulf of Mexico: Application of Numerical Models for Extreme Events	X			2011	2011	\$900,000	09/22/11	08/31/14	
NT-11-07	Workshop on Alternative Technologies to Air Guns (Deep-Penetrating) Used in Offshore Seismic Surveys	X			2011	TBD	\$350,000	TBD		
NT-11-08	Development of Software and Hardware to Acoustically Detect, Classify, and Locate Marine Mammals	X			2011	2011	\$250,000	05/16/11	09/30/15	
NT-11-09	Synthesis, Legislative Review, and Case Law History Applicable to Cultural Heritage in the Marine Environment	X			2011	2011	\$150,000	08/05/11	09/30/13	
NT-11-10	Observation and Validation of Exclusion Zones Designed to Protect Sensitive Archaeological Resources and Benthic Habitats Following Sand Extraction Activities on the OCS	X			2011	Cancelled	Cancelled			
NT-11-11	Review of Biological and Biophysical Impacts from Dredging and Use of Offshore Sand	X			2011	2011	\$149,887	09/19/11	03/19/13	
NT-11-12	Continued Support for the Development and Maintenance of a Marine Biological Data Archive	X			2011	2011	\$160,000	06/30/11	06/29/14	
NT-11-13	Modeling and Testing of Commercial Fish Hang Data as a Proxy for Historic Shipwreck Sites	X			2011	2011	\$260,000	09/22/11	08/31/13	
NT-11-14	Co-funding the Third International Conference on Acoustic Communication by Animals	X			2011	Cancelled	Cancelled			
NT-11-15	Our Changing Oceans Conference – National Council for Science and the Environment Jan 19-21, 2011				2011	2011	\$25,000	12/30/10	01/21/11	
NT-11-16	Coastal and Marine Spatial Planning National Workshop				2011	2011	\$50,000	01/06/11	01/05/12	
NT-11-x20	American Geophysical Union (AGU) Gulf Oil Spill Book				2011	2011	\$10,000	05/17/11	12/31/11	

**Table of Studies From FY 2011, 2012 and 2013 SDPs
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HEADQUARTERS												
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date			
NT-11-x21	Support to the Society of Marine Mammalogy 19th Biennial Conference				2011	2011	\$15,000	09/06/11	12/31/11			
NT-11-x22	Responding to Oil Spills in Arctic Environments				2011	2011	\$80,000	09/21/11	09/20/13			
NT-11-x23	Support to the CSDMS Meeting 2011: Impact of Time and Process Scales				2011	2011	\$5,000	09/23/11	10/30/11			
NT-11-x24	Compendium of Avian Information: Part 2				2011	2011	\$228,788	09/22/11	09/21/13			
NT-11-x25	Support to the USAEE North American Conference				2011	2011	\$5,000	09/23/11	10/12/11			
NT-12-01	Enhancement of the Environmental Studies Program Information System		X		2012	TBD	\$1,000,000	TBD				
NT-12-02	Support for Providing Environmental Studies Program Data within the Multipurpose Marine Cadastre		X		2012	TBD	\$800,000	TBD				
NT-12-03	Improving Oil-spill Risk Analysis in the Gulf of Mexico: a Multi-Model Approach		X		2012	TBD	\$350,000	TBD				
NT-12-04	Outer Continental Shelf Air Quality Modeling Update		X		2012	TBD	\$280,000	TBD				
NT-12-05	Support for the American Society of Limnology and Oceanography Young Professionals Development		X		2012	TBD	\$50,000	TBD				
NT-12-06	Working Group and Research Planning to Identify the Habitat Value and Function of Shoal/Ridge/Trough Complexes on the Outer Continental Shelf		X		2012	TBD	\$150,000	TBD				
NT-12-x10	Support for the 5th International Symposium on Deep-Sea Corals				2012	2012	\$10,000	03/09/12	04/07/12			
NT-12-x12	Characterization of Underwater Sound Produced by a Trailing Suction Hopper Dredge During Dredging, Pump-Out, and Placement Operations				2012	TBD	\$30,000	TBD				
NT-12-x13	Support for the Interagency Sound-Field Mapping and Cetacean Density and Distribution Mapping Working Groups Symposium				2012	TBD	\$75,000	TBD				
	A Cultural Resource Survey of the Beaufort and Chukchi Seas			X	TBD	TBD	First SDP Submission					
	An Integrated Scientific Approach to Arctic Sustainability			X	TBD	TBD	First SDP Submission					
	Cook Inlet Circulation Model Calculations			X	TBD	TBD	First SDP Submission					

**Table of Studies From FY 2011, 2012 and 2013 SDPs
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HEADQUARTERS									
NSL	TITLE	2011-	2012-	2013-	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date
		2013 SDP	2014 SDP	2015 SDP					
	Ecosystem Dynamics and Monitoring of the Alaskan Arctic Ocean			X	TBD	TBD	First SDP Submission		
	Effectiveness of Exclusion Zones Designed to Protect Archaeological and Benthic Resources from Indirect Dredging Impacts			X	TBD	TBD	First SDP Submission		
	Expanded Nation-Wide Scope for Archiving of Outer Continental Shelf Invertebrates by the Smithsonian National Museum of Natural History			X	TBD	TBD	First SDP Submission		
	Modeling of the Ecosystem Dynamics in the Alaskan Arctic Ocean			X	TBD	TBD	First SDP Submission		
	Propagation Characteristics of High Frequency Sounds Used for High Resolution Geophysical Surveys			X	TBD	TBD	First SDP Submission		
	Second Meeting of Marine Mammals and Sound Stakeholder Working Group			X	TBD	TBD	First SDP Submission		
	Sediment Character Modification During Dredging, Pump-out, and Placement Operations			X	TBD	TBD	First SDP Submission		
	Support for the National Ocean Sciences Bowl (NOPP)			X	TBD	TBD	First SDP Submission		
	Support for the Third International Conference on the Effects of Noise on Aquatic Life			X	TBD	TBD	First SDP Submission		
	Impact of Bio-Physical Feedbacks on the Alaskan Arctic Ocean State		X		N/A	N/A	Not Approved		
	Near-Real Time Monitoring of Surface Ocean Currents from Oil Platforms		X		N/A	N/A	Not Approved		
	Numerical Modeling for Outer Continental Shelf Air Quality Impact Analyses		X		N/A	N/A	Not Approved		

**Table of Studies From FY 2011, 2012 and 2013 SDPs
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PACIFIC										
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
PC-11-01	Inventory and Analysis of Coastal and Submerged Archaeological Site Occurrence on the Pacific OCS	X			2011	2011	\$642,229	06/21/11	06/20/13	
PC-11-02	DOI Partnership: Distinguishing Between Human and Natural Causes of Changes in Nearshore Ecosystems Using Long-term Data from DOI Monitoring Programs	X			2011	2011	\$249,927	09/22/11	09/30/13	
PC-11-03	Renewable Energy in situ Power Cable Observation	X			2011	2011	\$849,395	09/21/11	09/30/15	
PC-11-04	Southern Sea Otter Range Expansion and Habitat Use and Interaction with Manmade Structures	X			2011	USGS	\$436,818			
PC-11-05	Pacific CESU Membership				2011	2011	\$10,000	04/06/11	05/06/11	
PC-12-01	Developing and Applying a Vulnerability Index for Scaling the Possible Adverse Effects of Offshore Wind Farms on Seabirds on the Pacific OCS (USGS funds)		X		2012	USGS	\$600,000			
PC-12-02	Biological Productivity of Offshore Oil and Gas Structures in the Pacific OCS		X		2012	TBD	\$100,000	TBD		
PC-12-03	Pacific Region Intertidal Sampling and Monitoring (PRISM) Study		X		2012	2012	\$80,000	10/01/01	09/30/16	
PC-12-04	Nocturnal Surveys for Ashy Storm-Petrels and Xantus's Murrelets at Offshore Oil Production Platforms, Southern California		X		2012	TBD	\$150,000	TBD		
PC-12-05	Condition of the Rocky Shoreline		X		2012	Cancelled	Cancelled			
PC-12-06	Characterizing and Quantifying Sea Lion and Seal Use of Offshore Man-made Structures off California	X	X		2012	TBD	\$250,000	TBD		
PC-12-07	Analysis of Fish Populations at Platforms off Summerland California				2012	TBD	\$625,000	TBD		
PC-12-x10	Support for the 8th California Islands Symposium				2012	TBD	\$20,000	TBD		
PC-12-x11	Oregon Renewable Energy Science Conference				2012	TBD	\$150,000	TBD		
	Influence of Pacific Offshore Platforms on Marine Fish Ecology	X	X	X	TBD	TBD	Repeated SDP Submission			
	Nearshore Marine Bird Surveys from Southern California Points and Beaches: Baseline for Offshore Renewable Energy and Post-lease Oil and Gas Projects		X	X	TBD	TBD	Repeated SDP Submission			
	A Biogeographic Assessment of the Main Hawaiian Islands			X	TBD	TBD	First SDP Submission			

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PACIFIC									
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date
	Data Synthesis and High-Resolution Predictive Modeling of Marine Bird Spatial Distributions on the Pacific OCS			X	TBD	TBD	First SDP Submission		
	Expansion of West Coast Oceanographic Modeling Capability			X	TBD	TBD	First SDP Submission		
	Habitat Affinities and At-Sea Ranging Behaviors among Main Hawaiian Island Seabirds			X	TBD	TBD	First SDP Submission		
	Inventory and Analysis of Coastal and Submerged Archaeological Site Occurrence near the Main Hawaiian Islands			X	TBD	TBD	First SDP Submission		
	Platform Impacts on Seafloor Communities in the Southern California Planning Area			X	TBD	TBD	First SDP Submission		
	Predicting the Consequences of Wave Energy Absorption from Marine Renewable Energy Facilities on Nearshore Ecosystems			X	TBD	TBD	First SDP Submission		
	Understanding the Role of Offshore Structures in Managing Potential Watersipora subtorquata Invasions			X	TBD	TBD	First SDP Submission		
	Using Ongoing Activities as Surrogates to Predict Potential Ecological Impacts from Marine Renewable Energy			X	TBD	TBD	First SDP Submission		
	West Coast Marine Renewable Energy Planning Guidebook	X			N/A	N/A	Not Approved		

**Table of Studies From FY 2011, 2012 and 2013 SDPs
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ALASKA										
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
AK-07-06-05	Oilspill Lessons Learned Workshop	X			2011	Cancelled	Cancelled			
AK-08-12-07	Epifaunal Communities in the Central Beaufort Sea (CMI)				2011	2011	\$50,139	04/15/11	09/30/12	
AK-08-12-08	Satellite-Tracked Drifter Measurements in the Northeast Chukchi Sea (CMI)				2011	2011	\$459,892	04/06/11	03/31/13	
AK-08-12-09	Population Assessment of Snow Crab, Chionoecetes opilio, in the Chukchi and Beaufort Seas Including Oil and Gas Lease Areas (CMI)				2011	2011	\$181,019	06/01/11	11/30/14	
AK-08-12-10	A Year in the Life of a Bowhead Whale (CMI)				2012	TBD	\$87,587	TBD		
AK-08-12-11	Dispersal Patterns and Summer Ocean Distribution of Adult Dolly Varden from the Wulik River (CMI)				2012	TBD	\$146,511	TBD		
AK-08-12-12	Evaluating Chukchi Sea Trace Metals and Hydrocarbons Sourced from Nearby Coastal Rivers (CMI)				2012	TBD	\$232,760	TBD		
AK-10-09b	Joint Funding Opportunities in Existing Marine Fish Studies-Task 1: Arctic Fish Data Retrieval				2011	2012	\$23,578	08/12/11	05/11/12	
AK-10-09c	Joint Funding Opportunities in Existing Marine Fish Studies-Task 3: Ecological Analyses of Western Beaufort Sea Data				2012	TBD	\$135,300	TBD		
AK-11-01	Updates to the Fault Tree for Oil-Spill Occurrence Estimators	X			2011	2011	\$229,840	09/23/11	09/22/16	
AK-11-03	Hanna Shoal Ecosystem Study	X			2011	2011	\$5,645,168	09/20/11	08/31/16	
AK-11-04	Synthesis Report Generation: Technical Support for Environmental Analyses on Select Regional Topics	X			2011	Cancelled	Cancelled			
AK-11-05	Marine Mammal/Physical Oceanography Synthesis	X			2011	2011	\$1,798,459	05/13/11	05/12/16	
AK-11-06	Monitoring the Distribution of Arctic Whales (COMIDA/BWASP Extension)	X			2011	2011	\$8,750,000	06/07/11	05/12/16	
AK-11-07	ShoreZone Mapping of the North Slope of Alaska	X			2011	2011	\$553,720	09/22/11	03/22/15	
AK-11-08a/b	Distribution of Fish, Crab and Lower Trophic Communities in the Chukchi Sea Lease Area	X			2011	TBD	\$2,600,000	TBD		
AK-11-09	Social Indicators in Coastal Alaska: Arctic Communities	X			2011	2011	\$669,659	09/23/11	12/27/12	
AK-11-10a	Shorebirds and infaunal abundance and distribution on delta mudflats along the Beaufort Sea (USGS funds)	X			2011	USGS	\$237,169	07/11/11	12/31/15	
AK-11-10b	Wading Shorebirds Habitats, Food Resources, Associated Infauna, Sediment Characteristics and Bioremediation Potential of Resident Microbiota of Deltaic Mudflats	X			2011	2011	\$365,236	07/11/11	12/31/15	
AK-11-11	Workshop—Interagency Protocols for Immediate On-the-Scene Oil Spill Impact Science	X			2011	TBD	\$180,000	TBD		

**Table of Studies From FY 2011, 2012 and 2013 SDPs
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ALASKA										
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
AK-11-12	Loss of Well Control Occurrence and Size Estimators for the Alaska OCS	X			2011	TBD	\$210,000	TBD		
AK-11-13a	Arctic Cod Genomics and Toxicity Study (USGS)	X			2011	USGS	\$30,000			
AK-11-13b	Arctic Cod Genomics and Toxicity Study (BOEM)	X			2011	Cancelled	Cancelled			
AK-11-14a	ANIMIDA III: Arctic Kelp Communities in the Beaufort Sea: Sentinels of Long-Term Change (coop)	X			2011	TBD	\$623,661	TBD		
AK-11-14b	ANIMIDA III: Contaminants, Sources, and Bioaccumulation (contract)	X			2011	TBD	\$2,700,000	TBD		
AK-11-15	Alaska Environmental Database				2011	TBD	\$500,000	TBD		
AK-12-01	Conference Management and Reports on BOEMRE Results		X		2012	TBD	\$150,000	TBD		
AK-12-02	Satellite Tracking of Bowhead Whales: Habitat Use, Passive Acoustic and Environmental Monitoring		X		2012	TBD	\$2,700,000	TBD		
AK-12-03a	Characterization of the Circulation on the Continental Shelf									
AK-12-03b	Areas of the Northeast Chukchi and Western Beaufort Seas		X		2012	2012	\$5,056,252	04/23/12		
AK-12-04	Applications for Mapping Spilled Oil in Arctic Waters		X		2012	deferred	\$1,250,000	TBD		
AK-12-05	U.S.-Canada Transboundary Fish and Lower Trophics Survey		X		2012	TBD	\$5,191,125	TBD		
AK-12-06	Ice Seal Movements and Foraging: Village-based Satellite Tracking and Acoustic Monitoring of Ringed, Bearded, and Spotted seals		X		2012	deferred	\$1,175,000			
AK-12-07	Distribution and Habitat Use of Fish in the Nearshore Ecosystem of the Beaufort and Chukchi Seas		X		2012	TBD	\$150,000	TBD		
AK-12-x10a	Use of the Chukchi Sea by Endangered Baleen and Other Whales (Westward Extension of BOWFEST)		X		2012	TBD	\$4,502,000	TBD		
AK-12-x10b	Abundance Estimates of Ice Associated Seals: Bering Sea Populations that Inhabit the Chukchi Sea during Open-Water Period - aircraft				2012	TBD	\$460,000	TBD		
AK-12-x10c	Abundance Estimates of Ice Associated Seals: Bering Sea Populations that Inhabit the Chukchi Sea during Open-Water Period - research				2012	TBD	\$240,000	TBD		
AK-12-x10d	Baseline Nutritional Survey: Inventory and Content Analysis of Subsistence and Market Foods as Consumed by North Slope Communities	X			TBD	TBD	Repeated SDP Submission			

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ALASKA										
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
	Field Evaluation of an Unmanned Aircraft System (UAS) for Studying Cetacean Distribution, Density, and Habitat Use in the Arctic	X	X	X	TBD	TBD	Repeated SDP Submission			
	Ecology of Beluga Whales in the Eastern-Chukchi, Western-Beaufort Seas		X	X	TBD	TBD	Repeated SDP Submission			
	Improving Estimates of Abundance and Distribution of Avian Species during Peak Spring and Fall Migration Pathways through Near Shore Areas of the Eastern Chukchi Sea		X	X	TBD	TBD	Repeated SDP Submission			
	Physical and Chemical Analysis of Crude and Refined Oils: Lab and Mesoscale Oil Weathering		X	X	TBD	TBD	Repeated SDP Submission			
	Polar Bear Movement Patterns and Habitat Use in Relation to Oil and Gas Activities in the Chukchi Sea		X	X	TBD	TBD	Repeated SDP Submission			
	Arctic Air Quality Impact Assessment Modeling			X	TBD	TBD	First SDP Submission			
	Chukchi Acoustic, Oceanography and Zooplankton Study: Hanna Shoal (Extension of CHAOZ)			X	TBD	TBD	First SDP Submission			
	Coastal Marine Institute (extension)			X	TBD	TBD	First SDP Submission			
	Cook Inlet Workshop: Information Status & Research Planning			X	TBD	TBD	First SDP Submission			
	Enhanced Interpretation of Arctic Ice Formation, Distribution, and Density			X	TBD	TBD	First SDP Submission			
	Seabird Distribution in the Chukchi and Beaufort Seas: Modeling Patterns Over Space and Time			X	TBD	TBD	First SDP Submission			
	Subsistence Mapping of Wainwright, Point Lay, and Point Hope Support for the 2012 United States-Canada Northern Oil and Gas Research Forum			X	TBD	TBD	First SDP Submission			
	Walrus Seasonal Distribution and Habitat Use in the Eastern Chukchi Sea			X	TBD	TBD	First SDP Submission			
	Enclave Development: Alternative Approaches for Housing Transient Workers in Rural Alaska	X	X		N/A	N/A	Not Approved			

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ALASKA										
NSL	TITLE	2011-	2012-	2013-	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
		2013 SDP	2014 SDP	2015 SDP						
	Cape Lisburne Seabird Colony Productivity and Foraging Areas	X			N/A	N/A	Not Approved			
	Eastern Beaufort Sea Marine Fish and Lower Trophic Survey	X			N/A	N/A	Not Approved			
	Eastern Boundary Oceanography of the Beaufort Sea	X			N/A	N/A	Not Approved			
	Impact Assessment for Kaktovik Whaling Activities	X			N/A	N/A	Not Approved			
	Onshore Effects of Offshore Oil Development: Oil Spill Occurrence Estimators for Onshore Alaska and Canada North Slope Crude and Refined Oil Spills	X			N/A	N/A	Not Approved			
	Onshore Effects of Offshore Oil Development: Oil Spill Occurrence Estimators for Onshore Alaska and Canada North Slope Crude and Refined Oil Spills	X			N/A	N/A	Not Approved			
	High-Resolution Digital Bathymetry Dataset		X		N/A	N/A	Not Approved			
	Pacific Walrus Foraging Habitat and Prey Identification from Seasonal Haulouts Along the Chukchi Sea Coastline		X		N/A	N/A	Not Approved			

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ATLANTIC											
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date		
AT-11-01	The Socioeconomic Impact of OCS Wind Development on Fishing Information Synthesis on the Potential for Bat Interactions with Offshore Wind Facilities	X			2011	TBD	\$730,000	TBD			
AT-11-02	Synthesis, Analysis, & Integration of Air Quality & Meteorological Data for the Atlantic Region	X			2011	2011	\$109,988	09/20/11	12/31/12		
AT-11-03	Atlantic Wind Energy Development: Recreation and Tourism Economic Assessment	X			2011	2011	\$320,827	09/23/11	09/22/13		
AT-11-04	Evaluation of Lighting Schemes for Offshore Wind Facilities & Impacts to Local Environments	X			2011	2011	\$291,710	09/19/11	09/18/12		
AT-11-05	Piedmont CESU Membership				2011	TBD	\$225,000	TBD			
AT-11-06	Atlantic Wind Energy Science and Technology Workshop				2011	2011	\$10,000	04/06/11	05/06/11		
AT-11-x10	Developing Protocols for Reconstructing Submerged Paleocultural Landscapes and Identifying Ancient Native American Archaeological Sites in Submerged Environments				2011	2011	\$219,257	03/17/11	12/16/11		
AT-12-01	Determining Offshore Use by Diving Marine Birds Using Satellite Telemetry				2012	TBD	\$2,000,000	TBD			
AT-12-02	Second Atlantic Wind Energy Workshop		X		2012	2012	\$1,380,000	03/14/12	01/31/16		
AT-12-03	Atlantic Offshore Wind Energy Development: Public Attitudes, Values, and Implications for Recreation and Tourism		X		2012	TBD	\$320,000	TBD			
AT-12-04	Building a Database to Assess the Relative Vulnerability of Migratory Bird Species to Offshore Renewable Energy Projects on the Atlantic OCS				2012	TBD	\$200,000	TBD			
AT-12-05	Environmental and Social Consequences of Port Expansion and Operations Associated with Offshore Commercial Wind Energy on the Mid-Atlantic OCS		X	X	2012	TBD	\$180,000	TBD			
	Literature Review: Environmental Risks, Fate and Effects of Chemicals Associated with Wind Turbines on the Atlantic OCS		X	X	TBD	TBD	Repeated SDP Submission				
	Microclimate Formation within Wind Turbine Arrays on the Atlantic OCS		X	X	TBD	TBD	Repeated SDP Submission				

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ATLANTIC										
NSL	TITLE	2011-	2012-	2013-	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
		2013 SDP	2014 SDP	2015 SDP						
	Offshore Wind Turbine Allision Impact Analysis and Modeling		X	X	TBD	TBD	Repeated SDP Submission			
	Pilot Study: Tracking Offshore Occurrence of Common Terns and American Oystercatchers with VHF Arrays		X	X	TBD	TBD	Repeated SDP Submission			
	3rd Annual Atlantic Wind Energy Workshop 2013			X	TBD	TBD	First SDP Submission			
	Atlantic OCS Cultural Resources Survey and Archaeological Inventory Geographic Information System			X	TBD	TBD	First SDP Submission			
	Development of a Historic Context for Shipwrecks located on the OCS Offshore the Mid-Atlantic			X	TBD	TBD	First SDP Submission			
	Efficiency and Effectiveness of Marine Archaeological Survey Methods on the Atlantic Outer Continental Shelf			X	TBD	TBD	First SDP Submission			
	Fishery Physical Habitat and Epibenthic Invertebrate Baseline Data Collection			X	TBD	TBD	First SDP Submission			
	Improving the Accuracy of Scenarios Used in Environmental Evaluations in Support of Wind Energy Leasing and Development on the Atlantic OCS			X	TBD	TBD	First SDP Submission			
	Integrative Statistical Modeling and Predictive Mapping of Seabird Distribution and Abundance on the Atlantic Outer Continental Shelf			X	TBD	TBD	First SDP Submission			
	Small Coastal Vessel Usage Patterns and Density Levels on the Atlantic OCS			X	TBD	TBD	First SDP Submission			
	Controlled Seismic Airgun Exposure Experiments with Bottlenose Dolphins and Humpback Whales in Study Areas off of Cape Hatteras	X			N/A	N/A	Not Approved			
	Extended Mid-Atlantic Planning Area Information Resources Data Search and Literature Synthesis	X			N/A	N/A	Not Approved			
	Long-term Monitoring Effects of Oil Spill on Pelagic Sargassum, Distribution and Movement in the Gulf of Mexico and Atlantic	X			N/A	N/A	Not Approved			
	Potential Artificial Reef Effects of Offshore Wind Facilities	X			N/A	N/A	Not Approved			

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ATLANTIC													
NSL	TITLE	2011-2013			2012-2014			2013-2015		AWARDED IN FY	Total Allocation	Award Date	Completion Date
		2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	APPROVED IN FY					
	Survey and Evaluation of Potential Environmental Effects from Anti-fouling Paints, Lubricants, Hydraulic Fluids and other Chemical Products Potentially used at Offshore Facilities	X							N/A	N/A	Not Approved		
	The Economic Impact of OCS Wind Development on Commercial Fishing	X							N/A	N/A	Not Approved		
	An Estimation of Criteria Pollutant Emissions on the Atlantic OCS		X						N/A	N/A	Not Approved		
	Potential Space-Use Conflicts between Commercial Shipping and Wind Facilities on the Atlantic OCS		X						N/A	N/A	Not Approved		

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GULF OF MEXICO												
NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date			
GM-09-01-09	Subsistence in Coastal Louisiana: An Exploratory Study (CMI)				2011	2011	\$140,309	07/01/11	06/30/13			
GM-11-01a/b	Characterization of Potentially Sensitive Biological Features Surrounding Shelf-Edge Topographic Banks in the Northern Gulf of Mexico with Analyses of Impacts and Recovery	X			2011	2011	\$990,204	07/08/11	07/31/15			
GM-11-02	Hindcasting of the Deepwater Horizon Oil Spill using an Ocean Circulation Model	X			2011	2011	\$989,361	09/02/11	09/01/15			
GM-11-03	Sperm Whales and Bottlenose Dolphins in the Gulf of Mexico	X			2011	2011	\$2,700,000	07/14/11	12/31/14			
GM-11-05	Assessing an Oxygen Budget for the Gulf of Mexico after the Deepwater Horizon Incident	X			2011	Cancelled	Cancelled					
GM-11-06	Synthesis of Current Information on the Effects of the Deepwater Horizon Oil Spill on Recreation, Tourism, and Commercial and Recreational Fisheries											
GM-11-07	MAG-PLAN Post-Deepwater Horizon Modifications	X			2011	2011	\$296,264	09/26/11	03/25/13			
GM-11-08	Assessing Vulnerability of Sectors and Regions to OCS Oil and Gas Industry Volatility		X		2011	TBD	\$545,000	TBD				
GM-11-09	Air Quality Impacts Assessment of the Deepwater Horizon Oil Spill	X			2011	Cancelled	Cancelled					
GM-11-10	Documenting Impacts of the Deepwater Horizon Oil Spill on Coastal Avian Communities	X			2011	Cancelled	Cancelled					
GM-11-11	Socioeconomic Analysis of the Deepwater Horizon Oil Spill on GOMR Families and Communities	X			2011	Cancelled	Cancelled					
GM-11-12	Detailed Gulf of Mexico Vessel Trip Data to Support Environmental, Socioeconomic, and Archaeological Impact Analyses of OCS Activity	X			2011	Cancelled	Cancelled					
GM-11-13	Oil/Dispersed Oil-Sediment Interactions in Deepwater Environments	X			2011	TBD	\$500,000	TBD				
GM-11-14	Natural Seep Inputs and Their Relation to the Hydrocarbon Inventory of the Gulf of Mexico	X			2011	Cancelled	Cancelled					
GM-12-01	Post-Oil Spill Assessment of OCS-Related Infrastructure and Communities in the Gulf of Mexico Region		X		2012	deferred	\$210,000	TBD				
GM-12-02	Remote Sensing Assessment of Surface Oil Transport and Fate during Spills in the Gulf of Mexico		X		2012	TBD	\$800,000	TBD				

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NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
GM-12-03	Eastern Brown Pelicans: Dispersal, Seasonal Movements, and Monitoring of PAHs and Other Oil Contaminants among Breeding Colonies in the Northern Gulf of Mexico		X		2012	TBD	\$1,200,000	TBD		
GM-12-04	Analyzing the Potential Impacts to Cultural and Sand Resources at Recently Utilized Sand Borrow Sites		X		2012	TBD	\$1,100,000	TBD		
GM-12-05	Environmental Studies Program (ESP) Gulf of Mexico Region (GOMR) 1974-2010: Program Evaluation to Establish Outcomes and Trends				2012	TBD	\$300,000	TBD		
GM-12-06	Information Transfer Meetings and Other Workshops		X		2012	TBD	\$991,957	TBD		
GM-12-07	An Experimental Test of Avian Response to Light Color and Intensity on Offshore Oil Platforms in the Gulf of Mexico		X		2012	deferred	\$1,250,000			
GM-12-x10	Abundance and Distribution of Commercially Important Estuarine Dependent Species Populations within the Gulf of Mexico – Implications of an Oil Spill on Spawning, Recruitment, Settlement and Vitality									
GM-12-x11	Social Impacts of Deepwater Horizon along the Gulf Coast		X		2012	TBD	\$1,200,000	TBD		
	A Comparative Analysis of the Effects of the Deepwater Horizon Spill on the Biota Inhabiting Six World War II Shipwrecks and Shipwrecks Spanning the 19th Century in the Gulf of Mexico	X		X	TBD	TBD	Repeated SDP Submission			
	Artificial Reef Effects of Oil and Gas Pipelines on the Outer Continental Shelf of the Gulf of Mexico	X		X	TBD	TBD	Repeated SDP Submission			
	Characterization of Seagrass in Waters of the U.S. Outer Continental Shelf: Florida Big Bend Area	X		X	TBD	TBD	Repeated SDP Submission			
	Enhancing the Capability of a New Meteorological Model for Air Quality and Other BOEM Applications in the Gulf of Mexico	X		X	TBD	TBD	Repeated SDP Submission			
	Workshop on Monitoring the Long-term Effects of Offshore Oil and Gas Activities in Gulf of Mexico	X		X	TBD	TBD	Repeated SDP Submission			
	Workshop on Future Directions in Understanding Physical-Biological Oceanographic Interactions in Mid- to Deep Waters of the Gulf of Mexico		X	X	TBD	TBD	Repeated SDP Submission			

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NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date
	(BSEE) Analyzing Impacts to Cultural Resources as a Result of Oil and Gas Activities in Deepwater (<500-10,000)			X	TBD	TBD	First SDP Submission		
	(BSEE) Pressure Wave and Acoustic Properties Generated by the Explosive Removal of Offshore Structures: Potential Effects on Protected Species			X	TBD	TBD	First SDP Submission		
	An Analysis of the Fiscal Impacts of the OCS Industry in the Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	An Analysis of the Impacts of the Deepwater Horizon on the Seafood Industry			X	TBD	TBD	First SDP Submission		
	An Assessment of Transportation Infrastructure Usage by the OCS Oil and Gas Industry			X	TBD	TBD	First SDP Submission		
	Black Skimmers: Inter- and Intra-Annual Movements, Home Range Size, Fidelity, Dispersal, and Nesting Ecology in the Northern Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Coastal Land Loss and Oil & Gas Infrastructure			X	TBD	TBD	First SDP Submission		
	Comprehensive Nearshore and Offshore Avian Surveys in the Gulf of Mexico (CASGOM)			X	TBD	TBD	First SDP Submission		
	Coral Reef Ocean Acidification Sentinel Site in the Flower Garden Banks National Marine Sanctuary			X	TBD	TBD	First SDP Submission		
	Deepwater Coral Atlas and Modeling Program: Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Effects of the OCS Industry on Tourism in the Gulf of Mexico: Extensions of Previous Research			X	TBD	TBD	First SDP Submission		
	Environmental Justice and OCS Petroleum: A geo-spatial analysis			X	TBD	TBD	First SDP Submission		
	Florida Manatee Movement and Habitat Use in the Northern Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Impacts to Wooden Shipwreck Remains from Exposure to Crude Oils, Chemical Dispersants, and Oil-Eating Bacteria			X	TBD	TBD	First SDP Submission		
	Managing Dredging Environmental Impacts by Optimizing the Use of Sand Resources			X	TBD	TBD	First SDP Submission		
	NAAQS Exemption Level Study			X	TBD	TBD	First SDP Submission		

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NSL	TITLE	2011-	2012-	2013-	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date
		2013 SDP	2014 SDP	2015 SDP					
	Offshore Platforms, Produced Water, and Seabirds: Avian Species Composition, Distribution, and Abundance			X	TBD	TBD	First SDP Submission		
	Passive Acoustic Monitoring Program for the Northern Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Pelagic Sargassum Algae Distribution and Movement in the Gulf of Mexico			X	TBD	TBD	Repeated SDP Submission		
	Potential for Interactions Between Endangered and Candidate Bird Species with OCS Activities within the Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Public Outreach Through Development of Web-Based 3D Modeling of Shipwreck Sites			X	TBD	TBD	First SDP Submission		
	Social Impacts of the Deepwater Horizon Oil Spill on Coastal Communities Along the U.S. Gulf of Mexico (Phase II)			X	TBD	TBD	First SDP Submission		
	Subsistence Activities and Use in Coastal and Near Coastal Areas of the Gulf of Mexico			X	TBD	TBD	First SDP Submission		
	Testing and Assessment of the Effects of an Oil Spill on Coastal Archaeological Sites			X	TBD	TBD	First SDP Submission		
	Testing Chang and Oey's (2011) Gulf of Mexico Oscillator Hypothesis: A Field Program			X	TBD	TBD	First SDP Submission		
	The Demographic Consequences of the Gulf of Mexico Offshore Petroleum Industry			X	TBD	TBD	First SDP Submission		
	Year 2014 Gulfwide Emissions Inventory Study			X	TBD	TBD	First SDP Submission		
	Impacts to Shipwrecks and Prehistoric Sites Located as a result of Dredging Activities Associated with the Deepwater Horizon Oil Spill	X	X		N/A	N/A	Not Approved		
	Archaeological Impact Analyses of OCS Vessel Activity	X			N/A	N/A	Not Approved		
	Archival Investigation for Potential Slave Shipwrecks on the Outer Continental Shelf, Atlantic and Gulf of Mexico Regions	X			N/A	N/A	Not Approved		
	Baseline Coastal Oil Spill Characterization	X			N/A	N/A	Not Approved		

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NSL	TITLE	2011-	2012-	2013-	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
		2013 SDP	2014 SDP	2015 SDP						
	Controlled Seismic Airgun Exposure Experiments with Bottlenose Dolphins and Humpback Whales in Study Areas off of Cape Hatteras	X			N/A	N/A	Not Approved			
	Deploying NOAA-NDBC Buoys for the Air Quality Program	X			N/A	N/A	Not Approved			
	Determining Long-Term Impacts on Phytoplankton Communities during Recovery from the Deepwater Horizon Oil Spill	X			N/A	N/A	Not Approved			
	Effects of Gulf of Mexico OCS Leasing Program and the Gulf of Mexico Oil Spill on Recreation, Tourism, and Fisheries	X			N/A	N/A	Not Approved			
	Environmental Monitoring of Oil and Gas Development Sites on the Florida Outer Continental Shelf	X			N/A	N/A	Not Approved			
	Extended Mid-Atlantic Planning Area Information Resources Data Search and Literature Synthesis	X			N/A	N/A	Not Approved			
	Gulf of Mexico 2011 Monitoring Initiative: Lesser Known Shelf-Edge Banks	X			N/A	N/A	Not Approved			
	Gulf of Mexico Monitoring Program (2011) South Texas Banks	X			N/A	N/A	Not Approved			
	Investigation of a Possible 18th Century Wooden Shipwreck off the Chandeleur Islands	X			N/A	N/A	Not Approved			
	Long-term Effects of Oil and Gas Activities on the Florida Shelf	X			N/A	N/A	Not Approved			
	Long-term Monitoring Effects of Oil Spill on Pelagic Sargassum, Distribution and Movement in the Gulf of Mexico and Atlantic	X			N/A	N/A	Not Approved			
	Meteorological and Wave Measurements for Improving Meteorological and Air Quality Modeling - A Deep Water Site	X			N/A	N/A	Not Approved			
	Movement of Reefed Platforms in the Gulf of Mexico due to Tropical Storms	X			N/A	N/A	Not Approved			
	NEPA Air Quality Modeling Study	X			N/A	N/A	Not Approved			

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NSL	TITLE	2011-2013 SDP	2012-2014 SDP	2013-2015 SDP	APPROVED IN FY	AWARDED IN FY	Total Allocation	Award Date	Completion Date	
	Recovery, Restoration, and Remediation following the Deepwater Horizon Oil Spill: Potential Contamination and Recovery of Live Bottom Habitats on the West Florida Shelf and South Florida Reefs	X			N/A	N/A	Not Approved			
	Support for Socioeconomic Impact Assessments of Offshore Energy Development in the Gulf of Mexico Region	X			N/A	N/A	Not Approved			
	Synthesis of Recent Oceanographic Observations in Deep Waters of the Gulf of Mexico	X			N/A	N/A	Not Approved			
	A Statistical Analysis of the Causes of the Tourism Impacts of an Oil Spill		X		N/A	N/A	Not Approved			
	Assessment of Coastal Vegetation Recovery from Oiling in Coastal Gulf of Mexico		X		N/A	N/A	Not Approved			
	Effects of Seismic Surveys on Fish Behavior: In Situ Monitoring		X		N/A	N/A	Not Approved			
	Monitoring of Breeding Least Terns and Wintering Piping Plovers in the Northern Gulf of Mexico		X		N/A	N/A	Not Approved			
	Monitoring Recovery of the Ecological Function of Estuarine Dependent Nekton after a Large-scale Oil Spill		X		N/A	N/A	Not Approved			
	Movements, Site Fidelity, and Monitoring of PAHs and Other Oil Contaminants in Wintering Lesser Scaup in the Northern Gulf of Mexico		X		N/A	N/A	Not Approved			