

**GULF COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT THREE to
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife Service**

**U.S. DEPARTMENT OF AGRICULTURE
U.S. Forest Service, Southern Research Station
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE
Office of the Deputy Under Secretary of Defense
(Installations and Environment)
U.S. Army Corps of Engineers – Civil Works**

**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration**

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

and

Texas Agricultural Experiment Station – d.b.a. Texas AgriLife Research (Host)

**Auburn University
Louisiana State University
Mississippi State University
Texas A&M University – Corpus Christi
Texas A&M University at Galveston
Texas A&M University – Kingsville
Troy University
University of Central Florida
University of Florida
University of Georgia Research Foundation, Inc.**

**University of Louisiana at Lafayette
University of Texas, Austin
The Nature Conservancy of Texas
Stephen F. Austin State University
University of New Orleans
The University of West Florida
Tarleton State University
Sul Ross State University
University of Arkansas at Monticello
University of Arkansas Division of Agriculture
Houston Advanced Research Center (HARC)
Southern University and A&M College
Bat Conservation International
University of Texas at Brownsville
Florida State University**

Adding:

**Bureau of Ocean Energy Management, Regulation and Enforcement
University of Arkansas Pine Bluff
Texas AgriLife Extension Service**

With the exception of the changes below, all terms and conditions of the Gulf Coast CESU Cooperative and Joint Venture Agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

ARTICLE I. BACKGROUND AND OBJECTIVES

- A.3. The Bureau of Ocean Energy Management, Regulation and Enforcement (formerly Minerals Management Service) is hereby included in the Gulf Coast CESU as a Federal Agency Partner under agreement # M10PX00283.
- L.3. The University of Arkansas Pine Bluff and Texas AgriLife Extension Service are hereby included in the Gulf Coast CESU as Partner Institutions.
- O. Department of the Interior (DOI) Secretarial Order No. 3071 established the Minerals Management Service in 1982 with responsibility for managing the Nation's oil, natural gas, and other mineral resources on the Federal Outer Continental Shelf (OCS) and the mineral revenues from OCS, Federal, and Indian lands as authorized by the OCS Lands Act (OCSLA) (43 USC 1331-1356). Pursuant to DOI Secretarial Order No. 3302 (18 June 2010), the Minerals Management Service was renamed the Bureau of Ocean Energy Management, Regulation and Enforcement (hereafter BOEMRE). The BOEMRE manages the

mineral resources on 1.7 billion acres of the OCS to ensure that the U.S. government receives fair market value for acreage made available for leasing and manages any oil and gas activities to conserve resources, operate safely, and protect the coastal and marine environment. In addition to OCSLA, numerous laws, but particularly NEPA, provide the basis for environmental assessment and study of impacts associated with OCS related activities. OCSLA Section 1346 mandates the conduct of environmental and socioeconomic studies needed for the assessment and management of environmental impacts on the human, marine, and coastal environments which may be affected by oil and gas or other mineral development. It further states that the Secretary may by agreement utilize, with or without reimbursement, the services, personnel, or facilities of any Federal, State, or local government agency. OCSLA Section 1345 authorizes the use of cooperative agreements with affected States to meet the requirements of OCSLA, including sharing of information, joint utilization of available expertise, formation of joint monitoring arrangements to carry out applicable Federal and State laws, regulations, and stipulations relevant to outer Continental Shelf operations both onshore and offshore. The Energy Policy Act of 2005 amended the OCS Lands Act to give authority to the Department of the Interior to coordinate the development of an alternative energy program on the OCS and also to coordinate the energy and non-energy related uses in areas of the OCS where traditional oil and natural gas development already occurs. BOEMRE may use, as appropriate, the aforementioned authorities for specific activities under this agreement and to enter into this cooperative agreement continuing the Gulf Coast CESU to assist in providing research, technical assistance and educational services.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Gulf Coast CESU Cooperative and Joint Venture Agreement is 2 August 2007.
- A.2. The effective date of this Amendment to the Gulf Coast CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

ARTICLE IV. KEY OFFICIALS

- A.11. The technical representative for the Bureau of Ocean Energy Management, Regulation and Enforcement is:

Melanie Damour, M.A., R.P.A.
Marine Archaeologist
U.S. Department of the Interior
Bureau of Ocean Energy Management, Regulation and Enforcement
1201 Elmwood Park Blvd.

New Orleans, LA 70123
Phone: (504) 736-2783
Melanie.Damour@boemre.gov

C.25. The technical representative for the University of Arkansas Pine Bluff is:

Dr. Leslie Glover
Associate Dean for Outreach and Technology Transfer
University of Arkansas Pine Bluff
1200 North University Drive, Mail Stop 4906
Pine Bluff, AR 71601
Phone: (870) 575-8822
Fax: (870) 575-4687
gloverl@uapb.edu

C.26. The technical representative for the Texas AgriLife Extension Service is:

Dr. Edward Smith
Director, Texas AgriLife Extension Service
106-A Jack K. Williams Administration Bldg
7101 TAMU
College Station, TX 77843-7101
Phone: (979) 845-7967
Fax: (979) 845-9542
EGSmith@ag.tamu.edu

ARTICLE V. AWARD

B.2. Upon signature of all parties to this amendment, the Bureau of Ocean Energy Management, Regulation and Enforcement will commit \$10,000 in funds to the Gulf Coast CESU Host University in furtherance of the Agreement, to be authorized by a modification issued against the Agreement.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached to this amendment:

U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service
- D. U.S. Fish and Wildlife Service

E. Bureau of Ocean Energy Management, Regulation and Enforcement

U.S. DEPARTMENT OF AGRICULTURE

F. U.S. Forest Service, Southern Research Station

G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

H. Office of the Deputy Under Secretary of Defense (Installations and Environment)

I. U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE

J. National Oceanic and Atmospheric Administration

K. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

L. Texas Agricultural Experiment Station – d.b.a. Texas AgriLife Research (Host)

M. Auburn University

N. Louisiana State University

O. Mississippi State University

P. Texas A&M University – Corpus Christi

Q. Texas A&M University at Galveston

R. Texas A&M University – Kingsville

S. Troy University

T. University of Central Florida

U. University of Florida

V. University of Georgia Research Foundation, Inc.

W. University of Louisiana at Lafayette

X. University of Texas, Austin

Y. The Nature Conservancy of Texas

Z. Stephen F. Austin State University

AA. University of New Orleans

BB. The University of West Florida

CC. Tarleton State University

DD. Sul Ross State University

EE. University of Arkansas at Monticello

FF. University of Arkansas Division of Agriculture

GG. Houston Advanced Research Center (HARC)

HH. Southern University and A&M College

II. Bat Conservation International

JJ. University of Texas at Brownsville

KK. Florida State University

LL. University of Arkansas Pine Bluff

MM. Texas AgriLife Extension Service

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management

Steven Wells
Deputy State Director, Eastern States

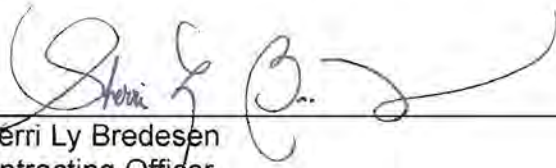
Date

Velvette Clayton
Procurement Analyst

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer

08/23/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

C. National Park Service

David Vela
Regional Director
Southeast Region

Date

[Print Name]:
Associate Regional Director
Southeast Region

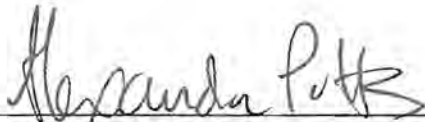
Date

[Print Name]:
Contracting Officer
Southeast Region

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service

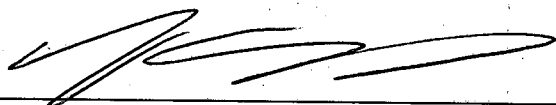


Alexandra Pitts
Deputy Regional Director, Region 8

9/17/2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management, Regulation and Enforcement

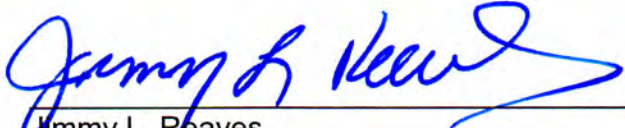


[Print Name]: Rodney Cluck
[Print Title]: Chief, Environmental Sciences Branch

9/2/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service, Southern Research Station



Jimmy L. Reaves
Station Director

8/24/10
Date



Joyce M. Gorgas
Lead Grant and Agreement Specialist
Southern Research Station

8/23/2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service

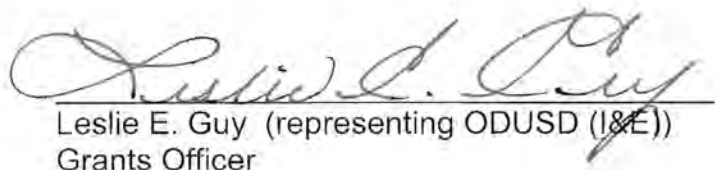


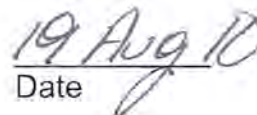
ELORIS D. SPEIGHT
Deputy Chief for Management

9/3/10
Date

ARTICLE XIV - AUTHORIZING SIGNATURES (cont.)

H. Department of Defense - Office of the Deputy Under Secretary of Defense
(Installations and Environment)


Leslie E. Guy (representing ODUSD (I&E))
Grants Officer


Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

I. U.S. Army Corps of Engineers – Civil Works

Michael G. Lee

Michael G. Lee
Grants Officer

20 AUG 10

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

[Print Name]:

[Print Title]:

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)


K. National Aeronautics and Space Administration

Heidi Shaw
Grants Officer

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

L. Texas Agricultural Experiment Station – d.b.a. AgriLife Research (Host)



Dr. Craig L. Nessler
Director, AgriLife Research

5/17/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Auburn University

John Mason

John M. Mason
Associate Provost and
Vice President for Research

05/19/10

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

N. Louisiana State University

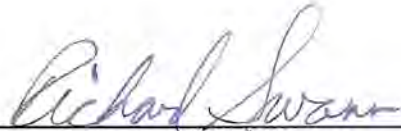


James Bates
Director, Office of Sponsored Programs

5/19/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

O. Mississippi State University

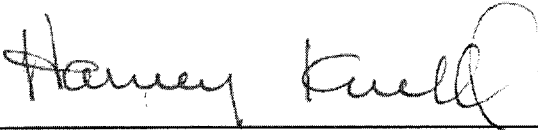


~~Dr. Mark McGee~~, Director Mr. Richard Swann
Sponsored Programs Administration

5/20/2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

P. Texas A&M University, Corpus Christi



Dr. Harvey Knull
Dean of Graduate Education and
Associate Vice President for Research

6-14-10

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Texas A&M University on behalf of
Q. Texas A&M University, Galveston
at



6-16-10
Date

for ~~Dr. William Seitz~~
~~Associate Vice President for Research and Graduate Studies~~
Dr. Jeffrey R. Seemann
Vice President for Research

Recommended Approval:



Dr. William Seitz
Texas A&M University at Galveston

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

R. Texas A&M University, Kingsville



Ms. Sandra D. Garcia
Director and Authorized Institutional Representative
Office of Research and Sponsored Programs

05/20/2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

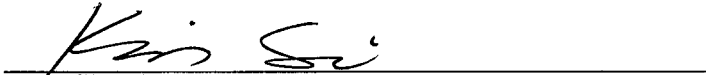
S. Troy University

Dr. Jack Hawkins, Jr.
Chancellor

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

T. University of Central Florida

A handwritten signature in cursive script, appearing to read "Kim Smith", is written over a horizontal line.

5.25.2010
Date

Kim Smith, Associate Director
Office of Research & Commercialization

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

U. University of Florida




Brian Prindle
Associate Director of Research

5/19/10

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

V. University of Georgia Research Foundation, Inc.

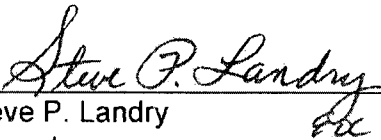


~~Mary Ann Deorn~~
~~Associate Director, Sponsored Programs~~
~~Office of the Vice President for Research~~
Jacob Maas
Assistant Grants Officer

5/19/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

W. University of Louisiana at Lafayette

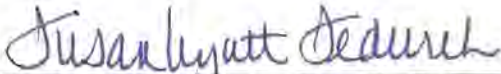


Steve P. Landry
Provost

6/9/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. University of Texas, Austin

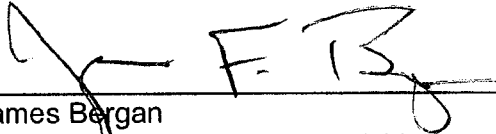


Dr. Susan Wyatt Sedwick
Associate VP for Research and
Director of Sponsored Projects

May 20, 2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Y. The Nature Conservancy of Texas




James Bergan
Director, Science and Stewardship

6/7/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

Z. Stephen F. Austin State University



Dr. Baker Pattillo
President

5-24-10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

AA. University of New Orleans



Dr. Timothy P. Ryan
Chancellor

5-27-10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

BB. The University of West Florida



Dr. Richard Podemski
Associate Vice President for Research

5/24/10
Date

Approved for form and legality.



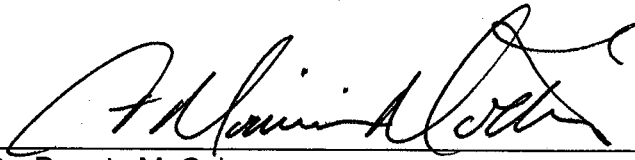
Office of University Counsel
University of West Florida

5-24-2010
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)



CC. Tarleton State University

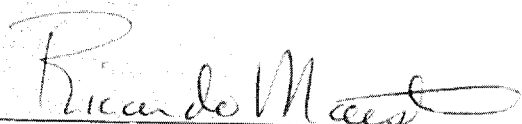


~~Dr. Dennis McCabe~~ Dr. F. Dominic Dottavio
President

6-1-10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

DD. Sul Ross State University



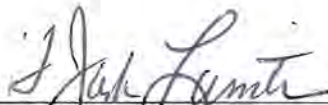
A handwritten signature in cursive script, reading "Ricardo Maestas", written over a horizontal line.

Dr. Ricardo Maestas
President

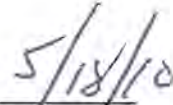
6-28-10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. University of Arkansas at Monticello



Dr. H. Jack Lassiter
Chancellor



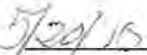
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

FF. University of Arkansas Division of Agriculture



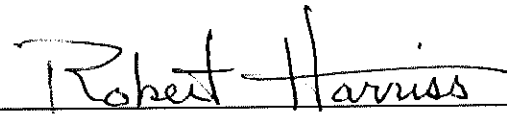
Dr. Milo Shult
Vice President for Agriculture



Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

GG. Houston Advanced Research Center



Dr. Robert Harriss
President

6/7/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

HH. Southern University and A&M College

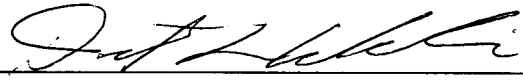


Dr. Kofi Lomotey
Chancellor

6/24/10
Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

II. Bat Conservation International



David L Waldien
Vice President of Operations & International Programs

Date June 7, 2010

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

JJ. University of Texas at Brownsville



5-19-10

[Print Name]: DANIEL J. HEIMMERMANN
[Print Title]: DEAN, COLLEGE OF LIBERAL ARTS

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

KK. Florida State University

Kirby W. Kemper

Dr. Kirby W. Kemper
Vice President for Research

6/10/2010

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

LL. University of Arkansas Pine Bluff



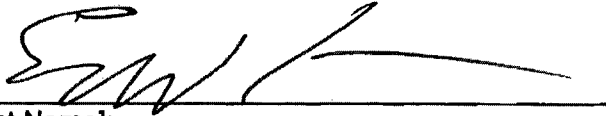
Dr. Lawrence A. Davis Jr.
Chancellor

5/19/10

Date

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

MM. Texas AgriLife Extension Service

A handwritten signature in black ink, appearing to be 'E. W. L.', written over a horizontal line.

[Print Name]:
[Print Title]:

12-17-10
Date