

CANCELED

E14-002

Seabird Exploration Americas, Inc.

Public

Attachment 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OCEAN ENERGY MANAGEMENT
Regional Supervisor for Resource Evaluation

Minerals management Services- Gulf of Mexico OCS Region(Atlantic Coast) 1201 Elmwood Park Blvd., New Orleans, Louisiana 70123-2394

(Insert Appropriate Regional Office)

APPLICATION FOR PERMIT TO CONDUCT GEOLOGICAL OR GEOPHYSICAL
EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH
ON THE OUTER CONTINENTAL SHELF

(Section 11, Outer Continental Shelf Lands Act of August 7, 1953, as amended on September 18, 1978,
by Public Law 95-372, 92 Statute 629, 43 U.S.C. 1340; and 30 CFR Parts 251 and 551)

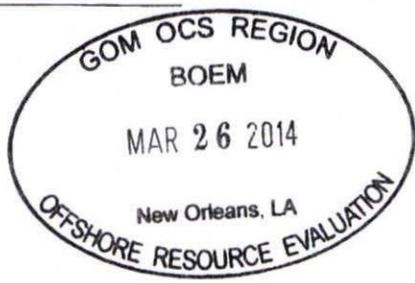
SeaBird Exploration Americas, Inc
Name of Applicant

820 Gessner Suite #1275
Number and Street

Houston, Texas 77024
City, State, and Zip Code

Application is made for the following activity: (check one)

- Geological exploration for mineral resources
- Geological scientific research
- Geophysical exploration for mineral resources
- Geophysical scientific research

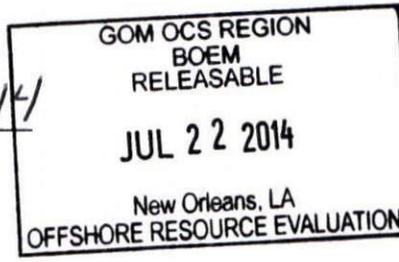


Submit: Original plus three copies, totaling four copies, which include one digital copy, and one public information copy.

To be completed by BOEM

Permit Number: E14-002

Date: 31-Mar-2014



Handwritten initials

A. General Information

1. The activity will be conducted by:

<u>SeaBird Exploration Americas, Inc.</u> Service Company Name	For <u>SeaBird Exploration Cyprus Limited</u> Purchaser(s) of the Data
<u>820 Gessner Suite #1275</u> Address	<u>Ariadne House- 333 28th October Street-PO Box 58023</u> Address
<u>Houston, Texas 77024</u> City, State, Zip	<u>3700 Limassol, Cyprus</u> City, State, Zip
<u>+1 281 556 1666 / +1 281 556 2614</u> Telephone/FAX Numbers	<u>Tel: +357 2581 4416</u> <u>Fax: +357 2581 4420</u> Telephone/FAX Numbers
<u>matthew.padon@sbexp.com</u> E-Mail Address	<u>kjell.mangeroy@sbexp.com</u> E-Mail Address

2. The purpose of the activity is: Mineral exploration
 Scientific research

3. Describe your proposed survey activities (i.e., vessel use, benthic impacts, acoustic sources, etc) and describe the environmental effects of the proposed activity, including potential adverse effects on marine life Describe what steps are planned to minimize these adverse effects (mitigation measures). For example: 1) Potential Effect; Excessive sound level Mitigation; Soft Start, MMOs, mammal exclusion zone or 2) Potential Effect; Bottom disturbance; Mitigation; ROV deployment/retrieval of bottom nodes) (use continuation sheets as necessary or provide a separate attachment):

Standard 2D seismic survey, (10,000m streamer with a single acoustic array of industry standard size). no signs of operations will be left behind. Marine mammal observers and PAM will be utilized continually throughout the program in its entirety to mitigate risk to marine mammals. no bottom disturbances, soft starts will be employed at every start up. Gravity and Magnetics will be acquired in addition to seismic program. Chase vessels will be employed to guide shipping and fishing around the program when needed.

4. The expected commencement date is: As permits and EIS allows. SeaBird is ready to begin before the end of 2014 if possible.

The expected completion date is: our projected program has an approximate duration of 1 years acquisition time

5. The name of the individual(s) in charge of the field operation is:

Matthew Padon

May be contacted at:

SeaBird Exploration Americas, Inc. Houston Texas

Telephone (Local) +1 281 556 2614 (Marine) +1 281 556 1666

Email Address: matthew.padon@sbexp.com Radio call sign 3EHE9

MPD

6. The vessel(s) to be used in the operation is (are):

Name (s)	Registry Number(s)	Registered owners)
<u>Osprey Explorer</u>	<u>5257254 (IMO Co.)</u>	<u>Osprey Navigation Company Inc. Panama</u>
<u>Harrier Explorer</u>	<u>5264517 (IMO Co.)</u>	<u>Harrier Navigation Company Ltd. Panama</u>
<u>Northern Explorer</u>	<u>5138171 (IMO Co.)</u>	<u>Sana Navigation Company Ltd. Panama</u>

7. The port from which the vessel(s) will operate is: Charleston, SC or Southport NC

8. Briefly describe the navigation system (vessel navigation only):

Radars: 3 cm FURUNO E (ARPA) 10 cm Sperry Marine Bridgmaster E (ARPA)
GPS Navigator: MX 420 Navigational system
Gyro Compass: Autopilot: Rudder indicator: Course Monitor: Sperry Marine c. Plath Mk1 (digital)
Robertson AP8 Mk III (complete with STS 500 unit) Anschutz Sperry Marine
Speed Log: Sperry Marine Naviknot III

B. Complete for Geological Exploration for Mineral Resources or Geological Scientific Research

1. The type of operation(s) to be employed is: (check one)

- (a) _____ Deep stratigraphic test, or
(b) _____ Shallow stratigraphic test with proposed total depth of _____, or
(c) _____ Other _____

2. Attach a page-size plat showing: 1) The generalized proposed location for each test, where appropriate, a polygon enclosing the test sites may be used, 2) BOEM protraction areas; coastline; point of reference; 3) Distance and direction from a point of reference to area of activity.

C. Complete for Geophysical Exploration for Mineral Resources or Geophysical Scientific Research

1. The type(s) of operation(s) to be employed is (are):

- a) Acquisition method (OBN, OBC, Streamer): Acoustical 2D Streamer long offset
b) Type of acquisition: (High Resolution Seismic, 2D Seismic, 3D Seismic, gravity, magnetic, CSEM, etc.)
1-2D single streamer, single source, Gravity and Magnetics and echosounder

2. Attach a page-size plat showing: SEE ATTACHMENT No. 1

- a) The generalized proposed location of the activity with a representative polygon,
b) BOEM protraction areas; coastline; point of reference,
c) Distance and direction from a point of reference to area of activity.

3. List all energy source types to be used in the operation(s): (Air gun, air gun array(s), sub-bottom profiler, sparker, towed dipole, side scan sonar, etc.).

MD

One source = airguns- Bolt Longlife LLXT 1900 system See attachment No. 2

4. Explosive charges will _____ will not x be used. If applicable, indicate the type of explosive and maximum charge size (in pounds) to be used:

Type NA Pounds _____ Equivalent Pounds of TNT _____

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 11 for a "geophysical" permit application. You must submit a separate Form BOEM-0327 to apply for each geological or geophysical permit.

E. Certification

I hereby certify that foregoing and attached information are true and correct.

Print Name: Matthew J. Padon

SIGNED Matthew J. Padon DATE 3-25-2014

TITLE Vice President of Sales and Marketing

COMPANY NAME: SeaBird Exploration Americas, Inc.

TO BE COMPLETED BY BOEM

Permit No. E14-002 Assigned by Terec C. Campbell Date 29 Apr 2014
of BOEM

This application is hereby:

- a. Accepted
b. Returned for reasons in the attached

SIGNED [Signature] TITLE Regional Supervisor DATE 4/30/14

MAP

Seabird proposed acquisition within the boundaries of the South Atlantic Planning Area

