



United States Department of the Interior

BUREAU OF OCEAN ENERGY MANAGEMENT

Alaska OCS Region

3801 Centerpoint Drive, Suite 500

Anchorage, Alaska 99503-5823

JUN 28 2018

Ms. Samantha Smith
Regulatory Compliance Specialist
Hilcorp Alaska, LLC
3800 Centerpoint Drive, Suite 1400
Anchorage, Alaska 99503

Dear Ms. Smith:

On December 12, 2017, Hilcorp Alaska, LLC, (hereafter referred to as Hilcorp) submitted an application to the Bureau of Ocean Energy Management (BOEM) to obtain a Geological and Geophysical (G&G) permit under the 30 CFR 551 regulations to conduct geophysical exploration operations on certain Outer Continental Shelf (OCS) lands. On May 23, 2018, Hilcorp amended their permit application to request a change in activity dates. The activity is in the Lower Cook Inlet area shown on the map accompanying your application and will be conducted on Hilcorp's behalf by CGG Canada Services Ltd (hereafter referred to as CGG). CGG will conduct operations using the aerial vehicles described in the Operation Plan. Operations are proposed to begin on or after July 7, 2018, and will be completed on or before August 31, 2018. The proposed program is an aerial gravity and magnetics survey recording passive measurements of the Earth's magnetic and gravitational fields.

Your application submittal states that Hilcorp had requested an Incidental Harassment Authorization (IHA) from National Marine Fisheries Service (NMFS) for whales and pinnipeds, an IHA from US Fish and Wildlife Service (USFWS) for sea otters, and a Certificate of Waiver (Form 7711-1) from the Federal Aviation Administration (FAA). At the request of NMFS, Hilcorp withdrew the IHA application on the finding that the taking of marine mammals is unlikely to occur. The BOEM received Letters of Concurrence from NMFS and the USF&WS finding the action may affect, but is not likely to adversely affect endangered or threatened species in the project area. BOEM received an IHA from the USF&WS for non-lethal Level B harassment of small numbers of northern sea otters. The FAA has issued CGG a Certificate of Waiver to conduct fixed wing survey operations at no less than 500 feet above ground level.

OCS Permit 18-01 is hereby granted to conduct geophysical exploration operations on the OCS in the area and manner described in the application. All operations are subject to the enclosed stipulations (see attachment 1) and the approved Permit for Geophysical Exploration for Mineral Resources on the OCS (Attachment 3: Form BOEM-0328). In all cases, the specific mitigating measures and reporting requirements identified in the FAA LOA and the USFWS IHA will apply and shall supersede any differing BOEM requirements related to marine mammals, including protocols for monitoring programs. Information related to compliance with the provisions in the IHA and of the Endangered Species Act and the Marine Mammal Protection Act may be obtained from the

U.S. Fish and Wildlife Service
Alaska Region
1011 E. Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3467

and from the

National Marine Fisheries Service
222 West 7th Avenue, Box 43
Anchorage, Alaska 99513
Telephone: (907) 271-5006

Information related to compliance with the Certificate of Waiver may be obtained from the

Federal Aviation Administration
300 West 36th, Suite 101 •
Anchorage, AK 99503
Telephone: (907) 271-4777

Regulation 30 CFR 551.6(a)1 requires that your G&G operations must not interfere with or endanger operations being conducted under any lease, right-of-way, easement, right-of-use, Notice, or permit issued or maintained under the OCS Lands Act.

This permit is effective from July 7 until August 31, 2018, or the completion of the survey, whichever occurs earlier. Please be advised that this office requires daily reports and weekly reports of operations (see attachment 2). We will require a completion report as detailed in the permit within 30 days following cessation of field operations.

Appreciatively,



Megan Carr
Regional Supervisor
Resource Evaluation

3 Enclosures

- Attachment 1 Stipulations
- Attachment 2 Weekly Operations Report
- Attachment 3 Forms BOEM-0327 and BOEM-0328

**Bureau of Ocean Energy Management
Alaska OCS Region
Seismic Survey G&G Permit Stipulations for Permit 18-01**

- i Permittee operations shall be conducted in a manner to ensure that they will not cause pollution, cause undue harm to aquatic life, create hazardous or unsafe conditions, or unreasonably interfere with other uses of the area. If any difficulties are encountered with other uses of the area or any of the above mentioned scenarios occur during operations under this permit, they shall be reported to the Regional Supervisor/Resource Evaluation. Serious or emergency conditions shall be reported without delay.
- i Permittee operators shall use the lowest sound levels feasible to accomplish their data-collection needs.
- i Aircraft shall avoid concentrations or groups of marine mammals. Permittee operators shall, at all times, conduct their activities at a maximum distance from such concentrations of marine mammals. Helicopters shall not hover or circle above such areas or within 1,500 lateral feet of such areas.
- i When the Permittee operates an aircraft near a concentration of marine mammals, every effort and precaution shall be taken to avoid harassment of these animals. Aircraft shall not be operated in such a way as to separate members of a group of marine mammals from other members of the group.
- i When any operator becomes aware of the potentially harassing effects of operations on marine mammals, or when any operator is unsure of the best course of action to avoid harassment of marine mammals, every measure to avoid further harassment shall be taken until the National Marine Fisheries Service (NMFS) or U.S. Fish and Wildlife Service (USFWS) is consulted for instructions or directions. However, human safety shall take precedence at all times over the guidelines and distances recommended herein for the avoidance of disturbance and harassment of marine mammals.
- i The Permittee shall notify BOEM, NMFS, and USFWS in the event of any loss of equipment that could pose a danger to marine mammals and other wildlife resources.
- i Surveys conducted with fixed-wing aircraft will be flown at no less than 152 meters (m) or 500 feet (ft) above sea level, and surveys with helicopters will be flown at no less than 91 m (300 ft) above ground level. Short-term deviations from the minimum may be conducted for safety due to weather or restricted visibility.
- i When approaching and departing survey areas, all aircraft must maintain a minimum altitude of 305 m (1,000 ft) to avoid unnecessary harassment of sea otters outside of the survey areas, except when a lower flight altitude is necessary for safety due to weather or restricted visibility.

The following monitoring and mitigation measures are related to the requirements of the Marine Mammal Protection Act (MMPA) and Endangered Species Act (ESA).

- i Modify the flight path as needed to maintain a lateral separation distance of 304 m (1,000 ft) from observed congregations of listed species. A congregation is defined as:
 - i 11 or more Steller sea lions hauled out of the water

- u 2 or more beluga whales
- u 2 or more humpback whales
- u Aircraft will not circle any observed marine mammals.
- u Pilots and sensor operators will serve as protected species observers (PSOs), scanning for the presence of whales and sea lions. Hilcorp is not able to place a dedicated PSO onboard the aircraft because of the sensitive nature of the data collection methods (i.e., requires security clearance), and lack of viewing windows in the aircraft. However, Hilcorp will require monitoring, and will provide training to pilots and sensor operators on marine mammal viewing, collection of data, and reporting requirements.

Operations Reporting for submittal to BOEM

- Weekly Summary Report
 - The items below are to be included with the information required in the weekly status report described in Form BOEM-0328, Section A-2 (Attachment 3).
 - Map showing data collected to date. The map will include the coastline and the OCS boundary.
 - Summary of operating time by categories listed below
 - Compilation of flight line kilometers or miles
 - Daily record of weather – seas, winds, ice

- Daily operation records will include
 - All dates and times in AK local time
 - Survey name
 - Track line number on which data was collected
 - Reason for course deviations – marine mammals (include species if possible), weather, ice, equipment failure, etc.
 - Also provide shape files of the track lines collected during the reporting period including all of the daily information listed above as metadata on a weekly basis
 - A copy of the daily operations report submitted to Hilcorp from CGG including a map or spreadsheet showing data collection elevation above Sea Level (as measured by the onboard LIDAR) and any deviations above or below the planned drape surface.
 - Daily operations reports are to be submitted **in addition to** the required weekly summary reports.

- Safety Incident Report including any spillage of petroleum products (if applicable) for same time period

- Pilot's Report of mammal sightings, which includes flight records, locations and numbers of sea otters, and the dates and times of the corresponding aerial surveys. When feasible, data will also include aircraft heading, speed, and altitude; visibility, group size, and composition (adults/juveniles); initial behaviors of the sea otters before responding to aircraft; and descriptions of any apparent reactions to the aircraft.

Send a copy of reports to:

Daniel Lasco, G&G Permitting Coordinator, Alaska Region, BOEM,
Daniel.Lasco@boem.gov or call 907-334-5332 (office) or 907-382-1134 (cell)

D. Thomas Donley, AOCS BSEE, akocscpliance@bsee.gov

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OCEAN ENERGY MANAGEMENT

Alaska OCS Region

(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 551 and 251)

Hilcorp Alaska, LLC

Name of Applicant

3800 Centerpoint Drive, Suite 1400

Number and Street

Anchorage, AK 99503

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

RECEIVED
Resource Evaluation

DEC 28 2017

U.S. Dept. of the Interior
Bureau of Ocean Energy Mgmt
Alaska OCS Region

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

To be completed by BOEM

JUL - 7 2018

Permit Number: 18-01

Date: _____

PROPRIETARY
FOR U.S. GOVERNMENT
USE ONLY

A. General Information

1. The activity will be conducted by:

CGG Canada Services Ltd.

For Hilcorp Alaska, LLC

Service Company Name

Purchaser(s) of the Data

2505 Meadowvale Boulevard

3800 Centerpoint Drive, Suite 1400

Address

Address

Mississauga, Ontario L5N 5S2

Anchorage, AK 99503

City, State, Zip

City, State, Zip

832.351.8437

907.777.8375

Telephone/FAX Numbers

Telephone/FAX Numbers

Darren.Burrows@cgg.com

dbuthman@hilcorp.com

E-Mail Address

E-Mail Address

2. The purpose of the activity is: X 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, Protected Species Observers (PSO's), 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):

Please see the Lower Cook Inlet 2018 Airborne Gravity and Magnetic Data

Survey Environmental Evaluation Document, attached.

4. The expected commencement date is: Ma y 12 2018

The expected completion date is: June 30, 2018

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

David Buthman

May be contacted at:

Hilcorp Alaska, LLC, 3800 Centerpoint Drive, Suite 1400, Anchorage AK 99503

Telephone (Local) 907.777.8375

(Marine) N/A

Email Address: dbuthman@hilcorp.com

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

Vessel Name (s)	Registry Number(s)	Radio Call Sign(s)	Registered Owner(s)
<u>Will submit under separate cover</u>	_____	_____	_____
_____	_____	_____	_____

7. The port from which the vessel(s) will operate is: ANC, ENA, HOM, Potential Drift River

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

N/A

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. N/A Deep stratigraphic test, or
- b. N/A Shallow stratigraphic test with proposed total depth of N/A, or
- c. N/A Other N/A

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; 4) Label as **"Public Information."**

N/A

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

1. The proposed operation: Airborne gravity magnetic program

- a. Acquisition method (OBN, OBC, Streamer): N/A
- b. Type of acquisition: (High Resolution Seismic, 2D Seismic, 3D Seismic, gravity, magnetic, CSEM, etc.)
Gravity/ Magnetic

2. Attach a page-size plat showing:

- 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, and
- d. Label as **"Public Information."**

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.).

Passive measurements; no energy sources of the types described.

4. Explosive charges will ___ will not be used. If applicable, indicate the type of Explosive and maximum charge size (in pounds) to be used: N/A

Type N/A Pounds N/A Equivalent Pounds of TNT N/A

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: Samantha R. Smith

SIGNED  DATE 12/28/17

TITLE Regulatory Compliance Specialist

COMPANY NAME: Hilcorp Alaska, LLC

TO BE COMPLETED BY BOEM

Permit No. 18-01 Assigned by V. Hoffman Date 1/2/2018
of BOEM

This application is hereby:

a. Accepted

b. Returned for reasons in the attached

SIGNED  TITLE Regional Supervisor DATE 5/18/2018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OCEAN ENERGY MANAGEMENT

Alaska OCS Region

(Insert Appropriate Regional Office)

PERMIT FOR GEOPHYSICAL EXPLORATION
FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH
ON THE OUTER CONTINENTAL SHELF

In consideration of the terms and conditions contained herein and the authorization granted hereby, this permit is entered into by and between the United States of America (the Government), acting through the Bureau of Ocean Energy Management (BOEM) of the Department of the Interior, and

Hillcorp Alaska, LLC

(Name of Permittee)

3800 Centerpoint Drive, Suite 1400

(Number and Street)

Anchorage, AK 99503

(City, State, and Zip Code)

PERMIT NUMBER: 18-01 DATE: JULY 7, 2018

This permit is issued pursuant to the authority of the Outer Continental Shelf Lands Act, as amended, (43 U.S.C. 1331 *et seq.*), hereinafter called the "Act," and Title 30 Code of Federal Regulations Parts 551 and 251 (Geological and Geophysical (G&G) Explorations of the Outer Continental Shelf).

Paperwork Reduction Act of 1995 (PRA) Statement: This permit refers to information collection requirements contained in 30 CFR Parts 551 and 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB Control Number 1010-0048.

Section I. Authorization

The Government authorizes the permittee to conduct:

- Geophysical exploration for mineral resources as defined in 30 CFR 551.1.
- Geophysical scientific research as defined in 30 CFR 551.1. A permit is required for any geophysical investigation that involves the use of solid or liquid explosives or developing data and information for proprietary use or sale.

This permit authorizes the permittee to conduct the above geophysical activity during the period from July 7, 2018 to August 31, 2018 in the following area(s):

Cook Inlet OCS, as defined in submitted Plan of Operations.

The permittee shall not conduct any geophysical operation (i.e., active sound source(s)) outside of the permitted area specified herein even if no data is collected or obtained from such operations. Geophysical operations shall not be conducted "in-transit" to the permitted area and may only proceed once the survey vessel enters the permitted area. (This restriction does not apply to Alaska.)

Extensions of the time period specified above must be requested in writing. A permit plus extensions for activities will be limited to a period of not more than 1 year from the original issuance date of the permit. Inspection and reporting of geophysical exploration activities, suspension and cancellation of authority to conduct exploration or scientific research activities under permit, and penalties and appeals will be carried out in accordance with 30 CFR 551.8, 551.9, and 551.10.

The authority of the Regional Director may be delegated to the Regional Supervisor for Resource Evaluation for the purposes of this permit.

Section II. Type(s) of Operations and Technique(s)

- A. The permittee will employ the following type(s) of operations:
Acquire gravity and magnetic data through the passive measurement of the earth's gravitational and magnetic fields;
- and will utilize the following instruments and/or technique(s) in such operations:
Using fixed wing and rotor-wing aircraft, flying at low altitudes over the permit area.
- B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Environmental Protective Provisions," and the approved "Application for Permit," which are attached to and incorporated into this permit.
- C. The permittee will conduct all geophysical exploration or scientific research activities in compliance with the Act, the regulations in 30 CFR Parts 551 and 251, and other applicable statutes and regulations whether such statutes and regulations are enacted, promulgated, issued, or amended before or after this permit is issued. Some of the provisions of 30 CFR Parts 551 and 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Parts 551 and 251 apply to this permit.

Section III. Reports on Operations

A. Status Reports

1. In the Gulf of Mexico and Atlantic OCS Regions:

The permittee must submit status reports every **two months** in a manner approved or prescribed by the Regional Supervisor, Resource Evaluation (here after referred to as Supervisor). The report must include a map of appropriate scale showing traverse lines, protraction areas, blocks, and block numbers (if map scale permits). The map should be a cumulative update for each status report and clearly illustrate the planned traverse lines (one color) and the portion of those traverse lines in which data acquisition has been completed to date (a second color). Please indicate the cumulative total line miles (2D) or blocks (3D) of data acquired. The map should be submitted in digital format preferably as a GeoPDF.

2. In the Alaska and Pacific OCS Regions:

The permittee must submit status reports **weekly** in a manner approved or prescribed by the Regional Supervisor, Resource Evaluation (here after referred to as Supervisor). The report must include a map of appropriate scale showing the location and extent of acquired lines of 2D data or traverse lines for 3D data and the 3-mile limit when data collection is adjacent to the OCS boundary or other important boundaries as specified by BOEM. The map should be a cumulative update for each status report and clearly illustrate the planned lines (one color) and the portion of those lines in which data acquisition has been completed to date (a second color). The report must show the activity of the source vessel (ie, no seismic activity, time and location when a mitigation gun is on, ramp-up, and full acquisition mode). Protected Species Observer (PSO) reports must also be included. Please indicate the cumulative total line miles (2D) or square miles (3D) of data acquired. The map should be submitted in digital format as a PDF and ESRI file – gdb-feature class(s) or shape files.

B. The permittee must submit to the Supervisor a Final Report within 30 days after the completion of operations. The final report must contain the following:

1. In the Gulf of Mexico and Atlantic OCS Regions:

- i. The total number of 2D line miles or OCS blocks of geophysical data acquired as well as the “typical” or average sail miles per block for the survey;
- ii. A *brief* daily log of operations. A suggested format for the daily log of operations would include, but is not limited to, a table that provides the name of the survey, a date column, a column for number of line miles or blocks collected each day, and an operations column. Preferably, the date column would commence on the date in which the vessel begins to transit to the permitted area and end on the date in which the vessel either transits away from the permitted area or when operations pertinent to the permitted activity are completed. The corresponding operations column would contain a *brief* description of the operations for each day listed in the date column noting activities such as the major work stoppages, no data acquired, and other pertinent activities. This may be submitted as a digital Word document or as an Excel spreadsheet;
- iii. A PDF or, preferably, a GeoPDF or shape file indicating the areal extent of the data *actually acquired*;

- iv. The start and finish dates on which the actual geophysical exploration or scientific research activities were performed;
- v. A narrative summary of any: (a) hydrocarbon slicks or environmental hazards observed and (b) adverse effects of the geophysical exploration or scientific research activities on the environment, aquatic life, archaeological resources, or other uses of the area in which the activities were conducted;
- vi. The estimated date on which the processed or interpreted data or information will be available for inspection by BOEM;
- vii. A CD or DVD containing a *single*, final edited navigational data file. Shot point locations should be provided in both latitude/longitude degrees and in x, y coordinates. The single navigational file should be in either SEG-P1 or UKOOA P190 format for either two-dimensional or three-dimensional geophysical data. Two-dimensional data should be decimated to the first, last, and every tenth shot point. Three-dimensional data should be decimated at every line and first and last CDP. A single ESRI shape file containing navigational data and one shape file with post-plot locations of any geophysical equipment on the seafloor (i.e., ocean bottom nodes, CSEM, etc.) should also be submitted if applicable;
- viii. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
- ix. Such other descriptions of the activities conducted as may be specified by the Supervisor.

2. In the Alaska and Pacific OCS Regions:

- i. The total number of 2D line miles or square miles for 3D surveys and the number of OCS blocks of geophysical data acquired, as well as total number of traverse miles for the survey;
- ii. A *weekly report*.
- iii. Chart(s), map(s), or plat(s) depicting the areas and blocks in which any exploration or scientific research activities were conducted. These graphics must clearly indicate the location of the activities so that the data produced from the activities can be accurately located and identified;
- iv. The start and finish dates on which the actual geophysical exploration or scientific research activities were performed;
- v. A narrative summary of any: (a) hydrocarbon slicks or environmental hazards observed, (b) adverse effects of the geophysical exploration or scientific research activities on the environment, aquatic life, archaeological resources, or other uses of the area in which the activities were conducted, and (c) safety incidents;
- vi. The estimated date on which the processed or interpreted data or information will be available for inspection by BOEM;
- vii. A final edited navigation file on suitable storage medium of all data or sample locations in latitude/longitude degrees including datum used. The navigation for 2D lines should include line name and location for the first, last, and every tenth SP. For 3D surveys, please submit a

navigation file for the acquired track lines that includes the location of the first and last SP and/or the corner locations for the area acquired. Contact the G&G permitting office for the specific navigation required for this permitted activity. The digital file is to be formatted in standard SEG-P1, UKOOA P1-90 or other current, standard industry format, coded in ASCII. A printed data listing and a format statement are to be included;

- viii. Identification of geocentric ellipsoid (NAD 83) used as a reference for the data or sample locations; and
 - ix. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The Final Report is a stand-alone document containing all the pertinent information regarding the permit.

Section IV. Submission, Inspection, and Selection of Geophysical Data and Information

- A. The permittee must notify the Supervisor, in writing, when the permittee has completed the initial processing and interpretation of any geophysical data and information collected under an exploration permit or a scientific research permit that involves developing data and information for proprietary use or sale. If the Supervisor asks if the permittee has further processed or interpreted any geophysical data and information collected under a permit, the permittee must respond within 30 days. If further processing of the data and information is conducted, it is the responsibility of the permittee to keep the most current resulting products available in the event the Supervisor requests the current status of data processing. At any time within 10 years after receiving notification of the completion of the acquisition activities conducted under the permit, the Supervisor may request that the permittee submit for inspection and possible retention all or part of the geophysical data, processed geophysical information, and interpreted geophysical information.
- B. The Supervisor will have the right to inspect and select the geophysical data, processed geophysical information, or interpreted geophysical information. This inspection will be performed on the permittee's premises unless the Supervisor requests that the permittee submit the data or information to the Supervisor for inspection. Such submission must be within 30 days following the receipt of the Supervisor's request unless the Supervisor authorizes a later delivery date. If the inspection is done on the permittee's premises, the permittee must submit the geophysical data or information selected within 30 days following receipt of the Supervisor's request, unless the Supervisor authorizes a longer period of time for delivery. The data or information requested for inspection or selected by the Supervisor must be submitted regardless of whether the permittee and the Government have or have not concluded an agreement for reimbursement. If the Supervisor decides to retain all or a portion of the geophysical data or information, the Supervisor will notify the permittee, in writing, of this decision.
- C. In the event that a third party obtains geophysical data, processed geophysical information, or interpreted geophysical information from a permittee, or from another third party, by sale, trade, license agreement, or other means:
 - I. The third party recipient of the data and information assumes the obligations under this section except for notification of initial processing and interpretation of the data and information and is subject to the penalty provisions of 30 CFR Part 550, Subpart N; and

2. A permittee or third party that sells, trades, licenses, or otherwise provides the data and information to a third party must advise the recipient, in writing, that accepting these obligations is a condition precedent of the sale, trade, license, or other agreement; and
 3. Except for license agreements, a permittee or third party that sells, trades, or otherwise provides data and information to a third party must advise the Supervisor in writing within 30 days of the sale, trade, or other agreement, including the identity of the recipient of the data and information; or
 4. With regard to license agreements, a permittee or third party that licenses data and information to a third party, within 30 days of a request by the Supervisor, must advise the Supervisor, in writing, of the license agreement, including the identity of the recipient of the data and information.
- D. Each submission of geophysical data, processed geophysical information, and interpreted geophysical information must contain, unless otherwise specified by the Supervisor, the following:
1. An accurate and complete record of each geophysical survey conducted under the permit, including digital navigational data and final location maps of all surveys;
 2. All seismic data developed under a permit presented in a format and of a quality suitable for processing;
 3. Processed geophysical information derived from seismic data with extraneous signals and interference removed, presented in a format and of a quality suitable for interpretive evaluation, reflecting state-of-the-art processing techniques; and
 4. Other geophysical data, processed geophysical information, and interpreted geophysical information obtained from, but not limited to, shallow and deep subbottom profiles, bathymetry, side-scan sonar, gravity, magnetic, and electrical surveys, and special studies such as refraction, shear wave, and velocity surveys.

Section V. Reimbursement to Permittees

- A. After the delivery of geophysical data, processed geophysical information, and interpreted geophysical information requested by the Supervisor in accordance with subsection IV of this permit, and upon receipt of a request for reimbursement and a determination by BOEM that the requested reimbursement is proper, BOEM will reimburse the permittee or third party for the reasonable costs of reproducing the submitted data and information at the permittee's or third party's lowest rate or at the lowest commercial rate established in the area, whichever is less.
- B. If the processing was in a form and manner other than that used in the normal conduct of the permittee's business at BOEM's request, BOEM will reimburse the permittee or third party for the reasonable costs of processing or reprocessing such data. Requests for reimbursement must identify processing costs separate from acquisition costs.
- C. The permittee or third party will not be reimbursed for the costs of acquiring or interpreting geophysical information.
- D. Data and information required under section IV.D.1. of this permit are not considered to be geophysical data or processed geophysical information and must be provided by the permittee at no cost to the Government.

Section VI. Disclosure of Data and Information to the Public

- A. BOEM will make data and information submitted by a permittee available in accordance with the requirements and subject to the limitations of the Freedom of Information Act (5 U.S.C. 552) and the implementing regulations (43 CFR Part 2), the requirements of the Act, and the regulations contained in 30 CFR Parts 550 and 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Parts 551 and 251, and 30 CFR Parts 552 and 252 (Outer Continental Shelf (OCS) Oil and Gas Information Program).
- B. Except as specified in this section, or Section VIII, or in 30 CFR Parts 550, 552, 250, and 252, no data or information determined by BOEM or the Bureau of Safety and Environmental Enforcement to be exempt from public disclosure under subsection A of this section will be provided to any affected State or be made available to the executive of any affected local government or to the public, unless the permittee or third party and all persons to whom such permittee has sold, traded, or licensed the data or information under promise of confidentiality agree to such an action.
- C. Geophysical data and processed or interpreted geophysical information submitted under a permit, and retained by BOEM, will be disclosed as follows:
1. Except for deep stratigraphic tests, BOEM will make available to the public geophysical data 50 years after the date of issuance of the permit under which the data were collected (see 30 CFR 551.12 (a) (b) (c) and (d)).
 2. Except for deep stratigraphic tests, BOEM will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date of issuance of the permit under which the original data were collected (see 30 CFR 551.12(a), (b), (c) and (d)).
 3. BOEM will make available to the public all geophysical data and information and geophysical interpretations related to a deep stratigraphic test, at the earlier of the following times: (a) 25 years after the completion of the test, or (b) for a lease sale held after the test well is completed, 60 calendar days after the Department of the Interior executes the first lease for a block, any part of which is within 50 geographic miles (92.6 kilometers) of the site of the completed test.
- D. All line-specific preplot or postplot plat(s), and navigation tapes, including but not limited to seismic survey traverses and shotpoint locations, submitted as a requirement of 30 CFR 551.7, 551.12, or 251.7, will be considered as "PROPRIETARY INFORMATION." Such information will not be made available to the public without the consent of the permittee for a period of 25 years from the date of issuance of the permit, unless the Director, BOEM, determines that earlier release is necessary for the proper development of the area permitted.
- E. All other information submitted as a requirement of 30 CFR 551.8 and determined by BOEM to be exempt from public disclosure will be considered as "PROPRIETARY." Such data and information will not be made available to the public without the consent of the permittee for a period of up to 25 years from the date of issuance of the permit as addressed in 30 CFR 551.14, unless the Director, BOEM, determines that earlier release is necessary for the proper development of the area permitted. The executed permit will be considered as "PROPRIETARY" except the public information copy, which will be available to the public upon request and on BOEM's website.
- F. The identities of third party recipients of data and information collected under a permit will be kept confidential. The identities will not be released unless the permittee and the third parties agree to the disclosure.

Section VII. Disclosure to Independent Contractors

BOEM reserves the right to disclose any data or information acquired from a permittee to an independent contractor or agent for the purpose of reproducing, processing, reprocessing, or interpreting such data or information. When practicable, BOEM will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. BOEM's notice of intent will afford the permittee a period of not less than 5 working days within which to comment on the intended action. When BOEM so advises a permittee of the intent to disclose data or information to an independent contractor or agent, all other owners of such data or information will be deemed to have been notified of BOEM's intent. Prior to any such disclosure, the contractor or agent will be required to execute a written commitment not to sell, trade, license, or disclose any data or information to anyone without the express consent of BOEM.

Section VIII. Sharing of Information with Affected States

- A. At the time of soliciting nominations for the leasing of lands within 3 geographic miles of the seaward boundary of any coastal State, BOEM, pursuant to the provisions of 30 CFR Parts 552.7 and 252.7 and subsections 8(g) and 26(e) (43 U.S.C. 1337(g) and 1352(e)) of the Act, will provide the Governor of the State (or the Governor's designated representative) the following information that has been acquired by BOEM on such lands proposed to be offered for leasing:
 - 1. All information on the geographical, geological, and ecological characteristics of the areas and regions proposed to be offered for leasing;
 - 2. An estimate of the oil and gas reserves in the area proposed for leasing; and
 - 3. An identification of any field, geological structure, or trap located within 3 miles of the seaward boundary of the State.
- B. After the time of receipt of nominations for any area of the OCS within 3 geographic miles of the seaward boundary of any coastal State and Area Identification in accordance with the provisions of Subparts D and E of 30 CFR Part 556, BOEM, in consultation with the Governor of the State (or the Governor's designated representative), will determine whether any tracts being given further consideration for leasing may contain one or more oil or gas reservoirs underlying both the OCS and lands subject to the jurisdiction of the State.
- C. At any time prior to a sale, information acquired by BOEM that pertains to the identification of potential and/or proven common hydrocarbon-bearing areas within 3 geographic miles of the seaward boundary of any such State will be shared, upon request by the Governor and pursuant to the provisions of 30 CFR Parts 552.7 and 252.7 and subsections 8(g) and 26(e) of the Act, with the Governor of such State (or the Governor's designated representative).
- D. Knowledge obtained by a State official who receives information under subsections A, B, and C of this section will be subject to the requirements and limitations of the Act and the regulations contained in 30 CFR Parts 550, 551, 552, 250, 251, and 252.

Section IX. Permit Modifications

The Department will have the right at any time to modify or amend any provisions of this permit, except that the Department will not have such right with respect to the provisions of Sections VI, VII, and VIII hereof, unless required by an Act of Congress.

IN WITNESS WHEREOF the parties have executed this permit and it will be effective as of the date of signature by the Supervisor.

PERMITTEE:



(Signature of Permittee)

THE UNITED STATES OF AMERICA:



(Signature of Regional Supervisor)

Samantha R. Smith

(Type or Print Name of Permittee)

Megan Carr

(Type or Print Name of Regional Supervisor)

Regulatory Compliance Specialist

(Title)

6/27/2018

(Date)

6/29/18

(Date)