GA SU15

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

(Section 11, Outer C Public Law 95-372,	Continental Shelf Lands Act of August 7, 1953, as amended of 92 Statute 629, 43 U.S.C. 1340; and 30 CFR Part 251)	on September 18, 1978, by
	Global Geo Services	
	Name of Applicant	
	Dronningen	
	Number and Street	
	0287 Oslo, Norway	
	City, State, and Zip Code	
	Global Geo Services ASA	
	Name of Service Company or Purchaser	
	(if different from above)	
Application is made	le for the following activity: (check one)	
	Geological exploration for mineral resources	
	Geological scientific research	GOM OCS REGION
X	Geophysical exploration for mineral resources	\
,	Geophysical scientific research	AUG 2 5 2006
Submit: Original, to	wo copies, and one public information copy.	New Orleans, LA RESOURCE EVALUATION
	To be completed by MMS	
Permit Number:	E-6-03 Date: 8-25-06	
Form MMS_327 (July	v 2003)	

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	0
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
2. The purpose of the activity is.	Scientific research
-	Scientific research
as necessary):	fe. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is:April 1	5, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the i	field operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Roa	ad New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (a	are):
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vesse	el navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	·
Form MMS-327 (July 2003)	

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(Previous editions may not be used.)
Page 6 of 11

Geological Scientific Research The type of operation(s) to be employed is: (check one) (a) NA Deep stratigraphic test, or (b) NA______, or (c) <u>NA</u> Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)):East Coast of Georgia_____ 2. The type(s) of operation(s) to be employed is (are): Seismic (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are):Air Gun (Air gun, sparker, etc.) 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 _____ Pounds ____ Equivalent Pounds of TNT ____

B. Complete for Geological Exploration for Mineral Resources or

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

E. Certification Thereby certify that	foregoing and attached informat	tion are true and correc	t.	
SIGNED AB	ms Jan	DA7	TE <u>August 17, 2006</u>	
TITLE Chief Ope				
		LETED BY MMS		
Permit No	Assigned by		Date	
		of MMS		
This application is her	eby:	•		
a Approved				
bReturned for re	easons in the attached			
The approved permit	is:			
a Attached				
b Will be forward	rded at a later date			
SIGNED	TITLE Region	nal Supervisor	DATE	

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UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	A
	(Name of Permittee)
Dronningen	·
	(Number and Street)
0287 Oslo, Norway	
	(City, State, and Zip Code)
DEDAGE MIRADED.	DATE:
PERMIT NUMBER:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section I. Authorization

	The Government authorizes the permittee to conduct.
•	x Geophysical exploration for mineral resources as defined in 30 CFR 251.1.
	Geophysical scientific research as defined in 30 CFR 251.1. 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 to in the following area(s):
	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 251.8, 251.9, and 251.10.
	The authority of the Regional Director may be delegated to the Regional Supervisor for Resource Evaluation for the purposes of this permit.
Sec	tion II. Type(s) of Operations and Technique(s)
	A. The permittee will employ the following type(s) of operations: Air Gun Energy Source Seismic Streamer Acquisition
	and will utilize the following instruments and/or technique(s) in such operations:
	Bolt Air Guns
1	648 Trace Syntrac Streamer 8000-10,000 Length B. The permittee will conduct all activities in compliance with the terms and conditions of this
J	D. THE PARTITIONS AND ASTRONAL PIT MANUTARN WE ASTRONOMISE HOME HIS ASSESSED ASSESSED AS ASSESSED AS AND

C. The permittee will conduct all geophysical exploration or scientific research

permit, including the "Stipulations," "Special Provisions," and the approved "Application for

Permit," which are attached to and incorporated into this permit.

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

activities in

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 1. 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 250, Subpart N; and
 - 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
 - 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:
 - 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;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 252 (Outer Continental Shelf (OCS) Oil and Gas Information Program).

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- B. Except as specified in this section, or Section VIII, or in 30 CFR Parts 250 and 252, no data or
 - information determined by MMS 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 MMS, will be disclosed as follows:
 - Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

Section VIII. Sharing of Information with Affected States

- At the time of soliciting nominations for the leasing of lands within 3 geographic miles of the seaward boundary of any coastal State, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Hem Jan	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman	
(Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	

at any

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

				Globai	Geo Service	s			
			,,,,,, -		of Applicant	<u></u>			
					ronningen		<u></u> ,		
				Numbe	er and Street				
				0287	Oslo, Norway	/			·
				City, State	, and Zip Co	de			
				Globa	l Geo Service	s ASA			
-	<u> </u>		Name o		Company or				
				(if differe	nt from abov	e)			
Applicat	tion is made	e for the follo	wing activ	rity: (checl	k one)				
		Geological	exploratio	on for mine	ral resources		GOM	OCS REGIO	1
		Geological	scientific	research	•				'\
	X	Geophysic	al explorati	ion for min	eral resource	es (AUI &	3 2 5 2006	
		Geophysic	al scientific	c research		`	New RE	Orleans, LA	TION
Submit:	Original tv	wo copies, and	l one public	c informati	on conv.				
	, original, t	,,, , , , , , , , , , , , , , , , , ,	one paone		o p.j.				
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			7	To be com	pleted by M	MS			
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Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	The state of the s
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	E-Mail Address
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
2. The purpose of the Leaving start	Scientific research
	posed activity, including potential adverse effects on
	imize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine lif	e. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is: April 1:	5, 2007, Completion Date: March 14, 2008
-	ield operation is: Thomas S. Sherman
	d New Ulm, TX 78950
•	(Marine)
6. The vessel(s) to be used in the operation is (a	
Name: GGS Atlantic	Registry number: <u>637056, IMO 8225943</u>
	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vesse	el navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	
•	
D 34340 305 (1.1.3003)	

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Geological Scientific Research 1. The type of operation(s) to be employed is: (check one) Deep stratigraphic test, or (a) NA Shallow stratigraphic test with proposed total depth of _____, or (b) NA (c) NA Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Georgia 2. The type(s) of operation(s) to be employed is (are): Gravity (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Passive Gravity Meter (Air gun, sparker, etc.) 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 _____ 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 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each

B. Complete for Geological Exploration for Mineral Resources or

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geological or geophysical permit.

SIGNED TITLE Chief Operation		DATE <u>August 17, 2006</u>
TILE Chel Operation	on once	
	TO BE COMPLE	TED BY MMS
ermit No	Assigned by	Date
		of MMS
This application is hereby	· · · · · · · · · · · · · · · · · · ·	,
Approved		
Returned for reaso	ns in the attached	
	•	
The approved permit is:		
The approved permit is: Attached		

TITLE Regional Supervisor DATE

SIGNED_

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

<u>Global Geo Sen</u>	/ices ASA	
	(Name of Permittee)	
<u>Dronningen</u>	· · · · · · · · · · · · · · · · · · ·	
	(Number and Street)	
0287 Oslo, Norw	vay	
	(City, State, and Zip Code)	
PERMIT NUMBER:	DATE:	
\		

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization

7	The Government authorizes the permittee to conduct:
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- g a	Geophysical scientific research as defined in 30 CFR 251.1. 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 in the following area(s):
I t c	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 of conduct exploration or scientific research activities under permit, and penalties and appeals will be carried out in accordance with 30 CFR 251.8, 251.9, and 251.10. The authority of the Regional Director may be delegated to the Regional Supervisor for Resource Evaluation for the purposes of this permit.
	ion II. Type(s) of Operations and Technique(s)
į	A. The permittee will employ the following type(s) of operations: Passive Gravity Meter
	and will utilize the following instruments and/or technique(s) in such operations:
	Check-AM Mobile Gravity Meter
I	3. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special 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 Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

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- A. The permittee must submit status reports on a two month basis in a manner
 - approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.
 - 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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:
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
 - C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 1. 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 250, 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
 - 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:
 - An accurate and complete record of each geophysical survey conducted under the permit, including digital navigational data and final location maps of all surveys;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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.
- 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 252 (Outer Continental Shelf (OCS) Oil and Gas Information Program).

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- B. Except as specified in this section, or Section VIII, or in 30 CFR Parts 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Form Chi	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date) <u>August 17, 2006</u> (Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

Public Law 95-372, 92 Statute 629, 43 U.S.C. 1340; and 30 CFR Part 251)					
Global Geo Services					
Name of Applicant					
Dronningen					
Number and Street					
0287 Oslo, Norway					
City, State, and Zip Code					
Global Geo Services ASA					
Name of Service Company or Purchaser					
(if different from above)					
Application is made for the following activity: (check one)					
Geological exploration for mineral resources GON OCS REGION MMS					
Geological scientific research					
X Geophysical exploration for mineral resources AUG 2 5 2006					
Geophysical scientific research New Orleans, LA New Orleans, LA RESOURCE EVALUATION New Orleans, LA					
Submit: Original, two copies, and one public information copy.					
The Landers of the MIME					
To be completed by MMS					
Permit Number: <u>E-6-05</u> Date: <u>§-25-06</u>					
Form MMS-327 (July 2003)					

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A. General Information

1. The activity will be conducted by:						
Global Geo Services	For NA					
Service Company Name	Purchaser(s) of the Data					
4164 Shunka Road New Ulm, Texas 78950	4164 Shunka Road New Ulm, Texas 78950					
Address	Address					
713-444-5315/ 979-992-3358	The May November 1					
Telephone/FAX Numbers	Telephone/FAX Numbers					
tsherman@industryinet.com	E-Mail Address					
E-Mail Address 2. The purpose of the activity is: X	Mineral exploration					
	Scientific research					
as necessary):	nimize these adverse effects (use continuation sheets ife. NTL 2002-G07 will be adhered to at all times.					
4. The expected commencement date is:April 1	15, 2007 Completion Date: March 14, 2008					
5. The name of the individual in charge of the	field operation is: Thomas S. Sherman					
•	ad New Ulm, TX 78950					
Telephone (Local) 713-444-5315 (Marine)						
Radio call sign						
6. The vessel(s) to be used in the operation is (
Name: GGS Atlantic	Registry number: 637056, IMO 8225943					
Registered owner: Songa Shipping PTE LTD The port from which the vessel(s) will operate is: Various on East						
Coast, U.S.A.						
8. Briefly describe the navigation system (vessel navigation only): Racal Sky Fix/ DGPS Deriving						
positions from space based satellite systems						

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Geological Scientific Research 1. The type of operation(s) to be employed is: (check one) (a) NA Deep stratigraphic test, or (b) NA Shallow stratigraphic test with proposed total depth of _____, or (c) NA ____ Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Georgia 2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magna tometer (Air gun, sparker, etc.) 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 _____ Pounds _____Equivalent Pounds of TNT _____ D. Proprietary Information Attachments

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED	Hom Den	DATE <u>August 17, 2006</u>
TITLE Chief Open		
	TO BE COMPLET	ED BY MMS
Permit No	Assigned by	Date
		of MMS
This application is her	eby:	
a Approved		
bReturned for re	easons in the attached	
The approved permit i	is:	
a Attached		
b Will be forwar	rded at a later date	
win ov lot wa		
SIGNED	TITLE Regional S	upervisor DATE

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UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA		
	(Name of Permittee)	
Dronningen		
	(Number and Street)	
0287 Oslo, Norway		
(City, State, and Zip Code)		
PERMIT NUMBER:	DATE:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. <u>Authorization</u>

Th	ne Government authorizes the permittee to conduct:	
x	Geophysical exploration for mineral resources as defined in 30 CFR 251.1.	
geo	Geophysical scientific research as defined in 30 CFR 251.1. A permit is required for any ophysical investigation that involves the use of solid or liquid explosives or developing data d information for proprietary use or sale.	
Th	is permit authorizes the permittee to conduct the above geophysical activity during the period from in the following area(s):	
of will Ins to car Th Ev	Extensions the time period specified above must be requested in writing. A permit plus extensions for activities libe limited to a period of not more than 1 year from the original issuance date of the permit. Spection and reporting of geophysical exploration activities, suspension and cancellation of authority conduct exploration or scientific research activities under permit, and penalties and appeals will be rried out in accordance with 30 CFR 251.8, 251.9, and 251.10. The Regional Director may be delegated to the Regional Supervisor for Resource reluation for the purposes of this permit. Type(s) of Operations and Technique(s) The permittee will employ the following type(s) of operations: Passive Towed Sensor Magnatometer	
	and will utilize the following instruments and/or technique(s) in such operations:	
В.	Proton Magnatometer The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special 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 Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 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 250, Subpart N; and
 - 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;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Forms San	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman	
(Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	

FL. SEIS

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE **GULF OF MEXICO REGION**

(AREAS IN GULF OF MEXICO AND ATLANTIC OCS REGION MMS

MMS

APPLICATION FOR PERMIT TO CONDUCT GEOLOGICALOR GEORGE SIGNE EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN THE OUTER CONTINENTAL SHELF

		Global Geo Services	
	<u> </u>	Name of Applicant	
		Dronningen	
		Number and Street	
		0287 Oslo, Norway	
÷		City, State, and Zip Code	
•	,	Global Geo Services ASA	
•		Name of Service Company or Purchaser (if different from above)	
Applica	tion is ma	de for the following activity: (check one)	GOM OCS REGION
		Geological exploration for mineral resources	GO! MMS
		Geological scientific research	AUG 2 5 2006
	X	Geophysical exploration for mineral resources	New Orleans, LA NEW PRESOURCE EVALUATION
		Geophysical scientific research	RESOURCE EVI
Submit:	Original,	two copies, and one public information copy.	
		To be completed by MMS	
		E-6-06 Date: 8-25-06	

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas	78950
Address	Address
713-444-5315/979-992-3358	Telephone/FAX Numbers
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	E-Mail Address
E-Mail Address 2. The purpose of the activity is: X	Mineral exploration
	Scientific research
2 Describe the assissamental effects of	the proposed activity, including potential adverse effects on
	to minimize these adverse effects (use continuation sheets
as necessary):	to maintable areas according to the second control of the second c
• •	rine life. NTL 2002-G07 will be adhered to at all times.
i here will be no adverse effects on mai	THE INE. INTE 2002-007 WIN DE denoted to at an times.
4. The expected commencement date is: A	April 15, 2007 Completion Date: March 14, 2008
- <i>l</i>	f the field operation is: Thomas S. Sherman
	ka Road New Ulm, TX 78950
	(Marine)
6. The vessel(s) to be used in the operation	
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE	ELTD The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system	(vessel navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite sys	<u>tems</u>
Form MMS-327 (July 2003) (Previous editions may not be used.) Page 6 of 11	

	Geological Scientific Research
1.	The type of operation(s) to be employed is: (check one)
	(a) NA Deep stratigraphic test, or
	(b) NA Shallow stratigraphic test with proposed total depth of, or
	(c) NA Other
2.	Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)):
	Complete for Geophysical Exploration for Mineral Resources or ophysical Scientific Research
	1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Florida
	·
	2. The type(s) of operation(s) to be employed is (are): Seismic
	2. The type(s) of operation(s) to be employed is (are): Seismic (Seismic, gravity, magnetic, etc.)
	(Seismic, gravity, magnetic, etc.)
	(Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are):Air Gun

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED	tomus Jam	DATE <u>August 17, 2006</u>
TITLE Chief Operat		
•		
	TO BE COMPLETE	ED BY MMS
Permit No	Assigned by	Date
This application is hereb	y:	
Approved		
Returned for reas	ons in the attached	
The approved permit is:		
Attached		

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 8 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
	ne of Permittee)
Dronningen	
(Nun	nber and Street)
0287 Oslo, Norway	·
(City, S	ate, and Zip Code)
PERMIT NUMBER:	DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section I. Authorization

The Government authorizes the permittee to conduct: Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 in the following area(s): 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 251.8, 251.9, and 251.10. 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: Air Gun Energy Source Seismic Streamer Acquisition and will utilize the following instruments and/or technique(s) in such operations: **Bolt Air Guns** 648 Trace Syntrac Streamer 8000-10,000 Length

permit, including the "Stipulations," "Special Provisions," and the approved "Application for Permit," which are attached to and incorporated into this permit.

The permittee will conduct all activities in compliance with the terms and conditions of this

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 2. 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:
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 1. 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 250, 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or

information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
- 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Hanas S Cem	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006	
(Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services	
	Name of Applicant	
	Dronningen	
	Number and Street	
	0287 Oslo, Norway	
	City, State, and Zip Code	
	Global Geo Services ASA	
	Name of Service Company or Purchaser	
	(if different from above)	
olication is ma	de for the following activity: (check one)	
	Geological exploration for mineral resources	GOM OCS REGION
	Geological scientific research	AUG 2 5 2006
X	Geophysical exploration for mineral resources	New Orleans, LA RESOURCE EVALUA
	Geophysical scientific research	RESOURCE EVALUE
mit: Original,	two copies, and one public information copy.	
	To be completed by MMS	
*. **	E-6-07 Date: 8-25-0	/

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
2. The purpose of the dentity is:	Scientific research
,	
3. Describe the environmental effects of the pro	posed activity, including potential adverse effects on
marine life and what steps are planned to min	imize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine life	e. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is:April 15	5, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the fi	eld operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Roam	d New Ulm, TX 78950
	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (as	ге):
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vesse	l navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 6 of 11

Geological Scientific Research 1. The type of operation(s) to be employed is: (check one) (a) NA Deep stratigraphic test, or (b) NA _____ Shallow stratigraphic test with proposed total depth of _____, or (c) NA ____ Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Florida 2. The type(s) of operation(s) to be employed is (are): Gravity (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Passive Gravity Meter (Air gun, sparker, etc.) 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 ______ Pounds _____ Equivalent Pounds of TNT _____

B. Complete for Geological Exploration for Mineral Resources or

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED	6ms Jam	DATE <u>August 17, 2006</u>
TITLE Chief Op		
	TO BE COMP	PLETED BY MMS
Permit No	Assigned by	Date
		of MMS
This application is he	ereby:	
a Approved		
bReturned for a	reasons in the attached	
The approved permi	t is:	
a Attached		
b Will be forwa	arded at a later date	
		•
SIGNED	TITLE Region	nal Supervisor DATE

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
	Name of Permittee)
Dronningen	
	Number and Street)
0287 Oslo, Norway	·
(City	, State, and Zip Code)
PERMIT NUMBER:	DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section I. Authorization The Government authorizes the permittee to conduct: Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 _____ in the following area(s): 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 251.8, 251.9, and 251.10. 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:

B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special Provisions," and the approved "Application for Permit," which are attached to and incorporated into this permit.

and will utilize the following instruments and/or technique(s) in such operations:

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Passive Gravity Meter

Check-AM Mobile Gravity Meter

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 1. 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 250, 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
 - 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:
 - 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;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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.
- 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Home Som	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman	
(Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	

FL MAG

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

Global Geo Services	
Name of Applicant	
Dronningen	
Number and Street	
0287 Oslo, Norway	
City, State, and Zip Code	
Global Geo Services ASA	
Name of Service Company or Purchaser	
(if different from above)	
Geological exploration for mineral resources Geological scientific research	MOSS REGION MINS 6 2 & 2006 NOTHERMS LA SOURCE EVEL
two copies, and one public information copy.	
To be completed by MMS	
E-6-08 Date: 8-25-06	_
	Dronningen Number and Street 0287 Oslo, Norway City, State, and Zip Code Global Geo Services ASA Name of Service Company or Purchaser (if different from above) Inde for the following activity: (check one) Geological exploration for mineral resources Geophysical exploration for mineral resources Geophysical exploration for mineral resources To be completed by MMS

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A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	2241
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
	Scientific research
3. Describe the environmental effects of the pro	oposed activity, including potential adverse effects on
marine life and what steps are planned to min	nimize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine life	fe. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is:April 1	5 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the f	
May be contacted at: 4156 Shunka Roa	
-	
	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (a	
Name: GGS Atlantic	Registry number: <u>637056, IMO 8225943</u>
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vesse	el navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	•

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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) NA Deep stratigraphic test, or (b) NA Shallow stratigraphic test with proposed total depth of _____, or (c) <u>NA</u> Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Florida 2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magna tometer (Air gun, sparker, etc.) 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 _____ 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 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED /	um Sher	DATE <u>August 17, 2006</u>
TITLE <u>Chief Ope</u>	ration officer	
	TO BE COMPLETED	BY MMS
Permit No	Assigned by	Date
	•	
This application is her	reby:	
a Approved		,
bReturned for re	easons in the attached	
The approved permit	is:	
a Attached		•
b Will be forwar	rded at a later date	
CICNED	TITI E Degional Super	wisor DATE

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 8 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
PERMIT NUMBER: DATE:	
FERMIT NUMBER.	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section I. Authorization The Government authorizes the permittee to conduct: x Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 to in the following area(s): . 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 251.8, 251.9, and 251.10. 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:

Proton Magnatometer

B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special Provisions," and the approved "Application for

Permit," which are attached to and incorporated into this permit.

and will utilize the following instruments and/or technique(s) in such operations:

Passive Towed Sensor Magnatometer

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included:
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 1. 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 250, 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;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Herry Seer	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	·

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services	
	Name of Applicant	
	Dronningen	
	Number and Street	•
	0287 Oslo, Norway	
	City, State, and Zip Code	
	Global Geo Services ASA_	· · · · · · · · · · · · · · · · · · ·
	Name of Service Company or Purchase	r
	(if different from above)	
	de for the following activity: (check one) Geological exploration for mineral resources	
X	•	GON OCS REGION
x	Geological exploration for mineral resources Geological scientific research	AUG 2 5 2006
	Geological exploration for mineral resources Geological scientific research Geophysical exploration for mineral resources	
	Geological exploration for mineral resources Geological scientific research Geophysical exploration for mineral resources Geophysical scientific research	AUG 2 5 2006
	Geological exploration for mineral resources Geological scientific research Geophysical exploration for mineral resources Geophysical scientific research	AUG 2 5 2006

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	Telephone/FAX Numbers
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com E-Mail Address	E-Mail Address
2. The purpose of the activity is: X	Mineral exploration
	Scientific research
as necessary):	nimize these adverse effects (use continuation sheets fe. NTL 2002-G07 will be adhered to at all times. Of Completion Date: 03/14/2008.
•	ield operation is:Thomas S. Sherman
	ad New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (a	are):
Name: GGS Atlantic	
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A	
8. Briefly describe the navigation system (vesse	el navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	•

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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) NA Deep stratigraphic test, or (b) NA Shallow stratigraphic test with proposed total depth of _____, or (c) NA Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Virginia 2. The type(s) of operation(s) to be employed is (are): Seismic, (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Air Gun (Air gun, sparker, etc.) 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 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 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED	jems yeu	DATE <u>August 17, 2006</u>
TITLE Chief Ope		
		V 86860
	TO BE COMPLETED B	
rmit No	Assigned by of	Date MMS
is application is he	reby:	
Approved		
Returned for r	easons in the attached	
e approved permit	is:	•
Attached		
	rded at a later date	
Will be forwa		•

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Na	me of Permittee)
Dronningen	
	imber and Street)
0287 Oslo, Norway	
(City,	State, and Zip Code)
PERMIT NUMBER:	DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section VII. Disclosure to Independent Contractors

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Them Gam	·
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman	·
(Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006	,
(Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

		Global Geo Services	
		Name of Applicant	
		Dronningen	
		Number and Street	
		0287 Oslo, Norway	
	·	City, State, and Zip Code	
		Global Geo Services ASA	
	•	Name of Service Company or Purchaser	
		(if different from above)	
Applica	tion is ma	de for the following activity: (check one)	
		Geological exploration for mineral resources	22001
		Geological scientific research	GOM OCS REGION
	X	Geophysical exploration for mineral resources	AUG 2 5 2006
		Geophysical scientific research	New Orleans, LA RESOURCE EVALUATOR
Submit	Original,	two copies, and one public information copy.	TILSOURGE EVI
		•	
		To be completed by MMS	
		•	
	Number:	E-6-10 Date: $8-25-06$	

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

Global Geo Services Service Company Name Purchaser(s) of the Data 4164 Shunka Road New Ulm, Texas 78950 Address Address 713-444-5315/ 979-992-3358 Telephone/FAX Numbers Telephone/FAX Numbers tsherman@industryinet.com E-Mail Address 2. The purpose of the activity is: X Mineral exploration
Service Company Name Purchaser(s) of the Data 4164 Shunka Road New Ulm, Texas 78950 Address Address 713-444-5315/ 979-992-3358 Telephone/FAX Numbers Telephone/FAX Numbers tsherman@industryinet.com E-Mail Address E-Mail Address 2. The purpose of the activity is: X Mineral exploration
Address 713-444-5315/ 979-992-3358 Telephone/FAX Numbers Telephone/FAX Numbers tsherman@industryinet.com E-Mail Address E-Mail Address 2. The purpose of the activity is: X Mineral exploration
713-444-5315/ 979-992-3358 Telephone/FAX Numbers tsherman@industryinet.com E-Mail Address E-Mail Address 2. The purpose of the activity is: X Mineral exploration
Telephone/FAX Numbers tsherman@industryinet.com E-Mail Address E-Mail Address E-Mail Address Mineral exploration
tsherman@industryinet.com E-Mail Address E-Mail Address 2. The purpose of the activity is: X Mineral exploration
E-Mail Address 2. The purpose of the activity is: X Mineral exploration
2. The purpose of the activity is: X Mineral exploration
S-itife
Scientific research
as necessary): There will be no adverse effects on marine life. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is: April 15, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the field operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Road New Ulm, TX 78950
Telephone (Local) 713-444-5315 (Marine)
Radio call sign
6. The vessel(s) to be used in the operation is (are):
Name: GGS Atlantic Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE LTD The port from which the vessel(s) will operate is: Various on Ea
Coast, U.S.A.
8. Briefly describe the navigation system (vessel navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 6 of 11

Geological Scientific Research 1. The type of operation(s) to be employed is: (check one) (a) NA Deep stratigraphic test, or (b) NA Shallow stratigraphic test with proposed total depth of _____, or (c) NA Other 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or Geophysical Scientific Research 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Virginia 2. The type(s) of operation(s) to be employed is (are): Gravity (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Passive Gravity Meter (Air gun, sparker, etc.) 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 ______ Pounds _____ Equivalent Pounds of TNT _____

B. Complete for Geological Exploration for Mineral Resources or

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

E. Certification I hereby certify th	at foregoing and attached information a	are true and correct.
SIGNED	Home Sten	DATE <u>August 17, 2006</u>
TITLE Chief Op	peration officer	
	TO BE COMPLET	ED BY MMS
Permit No	Assigned by	Date
		of MMS
This application is he	ereby:	
a Approved		
bReturned for	reasons in the attached	
The approved permi	t is:	
a Attached		
b Will be forw	arded at a later date	
SIGNED	TITLE Regional St	upervisor DATE

Section D Proprietary Information Attachment Required for an Application for Geological Permit

1.	Brief description of method of shallow drilling or sampling:
2.	Brief description of shallow drilling or sampling equipment to be used:
3.	Number of boring or sample locations to be occupied:
4.	Navigation system or method to be used to position sample locations:
5.	Method of sample analyses, storage, and handling:
6.	Description and list of the final analyzed and/or processed data that will result from operations under the proposed activity:
7.	Estimated date on which samples, logs, and analyzed and/or processed data will be ready for
	inspection:
8.	Attach map(s), plat(s), and chart(s) (preferably at a scale of 1:250,000) showing latitude and longitude scale, specific block numbers, specific boring sample locations, and total number of borings or sample proposed.

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 9 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
•	
PERMIT NUMBER: DATE:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization The Government authorizes the permittee to conduct: Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 in the following area(s): 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 251.8, 251.9, and 251.10. 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)

LIIU	III. Type(s) of Operations and reconsidue(s)
A.	The permittee will employ the following type(s) of operations: Passive Gravity Meter
	and will utilize the following instruments and/or technique(s) in such operations:
	Check-AM Mobile Gravity Meter
B.	The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special 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 Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 2. 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:
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included:
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 1. 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 250, 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Hom Jan	· · · · · · · · · · · · · · · · · · ·
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services	
 	Name of Applicant	
	Dronningen	
	Number and Street	,
	0287 Oslo, Norway	
	City, State, and Zip Code	
	Global Geo Services AS	A
	Name of Service Company or Purch	naser
	(if different from above)	
oplication is ma	nde for the following activity: (check one)	
	Geological exploration for mineral resources	
	Geological scientific research	GON OCS REGION
X	Geophysical exploration for mineral resources	AUG 2 5 2006
	Geophysical scientific research	New Orleans, LA RESOURCE EVALUATION
bmit: Original,	two copies, and one public information copy.	300/1022
,		
	To be completed by MMS	
	E-6-11 Date: 8-26-	

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A. General Information

Global Geo Services	For NA		
Service Company Name	Purchaser(s) of the Data		
4164 Shunka Road New Ulm, Texas 7	8950		
Address	Address		
713-444-5315/ 979-992-3358			
Telephone/FAX Numbers	Telephone/FAX Numbers		
tsherman@industryinet.com			
E-Mail Address	E-Mail Address		
2. The purpose of the activity is: X	Mineral exploration		
	Scientific research		
as necessary):	o minimize these adverse effects (use continuation sheets		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign 6. The vessel(s) to be used in the operation Name: GGS Atlantic	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:		
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign 6. The vessel(s) to be used in the operation Name: GGS Atlantic	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:	n Eas	
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign 6. The vessel(s) to be used in the operation Name: GGS Atlantic	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:	n Eas	
as necessary): There will be no adverse effects on marin 4. The expected commencement date is:Ap 5. The name of the individual in charge of May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign 6. The vessel(s) to be used in the operation Name: GGS Atlantic Registered owner: Songa Shipping PTE I Coast, U.S.A.	ne life. NTL 2002-G07 will be adhered to at all times. pril 15, 2007 Completion Date: March 14, 2008 the field operation is:	n Eas	

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Geological Scientific Research 1. The type of operation(s) to be employed is: (check one) (a) NA Deep stratigraphic test, or (b) NA______ Shallow stratigraphic test with proposed total depth of ______, or (c) <u>NA</u> Other _____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or Geophysical Scientific Research 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of Virginia 2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magna tometer (Air gun, sparker, etc.) 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 ______ Pounds _____ Equivalent Pounds of TNT _____

B. Complete for Geological Exploration for Mineral Resources or

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

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	ing and attached information		
SIGNED Lass	u Cfu	DATE <u>#</u>	August 17, 2006
TITLE Chief Operation of			,
			=
	TO BE COMPLE	TED BY MMS	
Permit No	_ Assigned by	of MMS	Date
This application is hereby:			
a Approved	•		
bReturned for reasons i	n the attached		
The approved permit is:			
a Attached			
b Will be forwarded at a	a later date		
			·
CICNED	TITI F Regional	Supervisor	DATE

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 8 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA
(Name of Permittee)
Dronningen
(Number and Street)
0287 Oslo, Norway
(City, State, and Zip Code)
ь
PERMIT NUMBER: DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization

х	Geophysical exploration for mineral resources as defined in 30 CFR	251.1.
	Geophysical scientific research as defined in 30 CFR 251.1. A periophysical investigation that involves the use of solid or liquid explosive d information for proprietary use or sale.	
Thi	is permit authorizes the permittee to conduct the above geophysical act	tivity during the period from in the following area(s):
	Extensions	
	the time period specified above must be requested in writing. A permit Il be limited to a period of not more than 1 year from the original issual	
	spection and reporting of geophysical exploration activities, suspension	
to c	conduct exploration or scientific research activities under permit, and p	
car	rried out in accordance with 30 CFR 251.8, 251.9, and 251.10.	
	e authority of the Regional Director may be delegated to the Regional raluation for the purposes of this permit.	Supervisor for Resource
Eva		Supervisor for Resource
Eva ectio	raluation for the purposes of this permit.	Supervisor for Resource
Eva ectio	on II. Type(s) of Operations and Technique(s)	Supervisor for Resource
Eva ectio	raluation for the purposes of this permit. on II. Type(s) of Operations and Technique(s) The permittee will employ the following type(s) of operations:	· .
Eva ectio	The permittee will employ the following type(s) of operations: Passive Towed Sensor Magnatometer and will utilize the following instruments and/or technique(s) in su Proton Magnatometer	ch operations:
Eva ectio	The permittee will employ the following type(s) of operations: Passive Towed Sensor Magnatometer Proton Magnatometer and will utilize the following instruments and/or technique(s) in su	ch operations:

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 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 250, 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;
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

Section VIII. Sharing of Information with Affected States

- At the time of soliciting nominations for the leasing of lands within 3 geographic miles of the seaward boundary of any coastal State, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
James See	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer (Title) (Date)	
August 17, 2006 (Date)	

SC Sois

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services
	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
	Global Geo Services ASA
	Name of Service Company or Purchaser (if different from above)
Application is mad	e for the following activity: (check one)
•	Geological exploration for mineral resources GOM OCS REGION MMS
	Geological scientific research
X	Geophysical exploration for mineral resources AUG 2 5 2006
	Geophysical scientific research RESOURCE EVALUATION RESOURCE EVALUATIO
Submit: Original, to	wo copies, and one public information copy.
	To be completed by MMS
Permit Number:	E-6-12 Date: B-25-06

Page 5 of 11

A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	D.M. T. Add
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
	_ Scientific research
marine life and what steps are planned to min as necessary):	posed activity, including potential adverse effects on imize these adverse effects (use continuation sheets e. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is:April 1:	5, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the fi	ield operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Roa	d New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (a	re):
Name: GGS Atlantic	Registry number: <u>637056, IMO 8225943</u>
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vesse	I navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 6 of 11

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) NA _____ Deep stratigraphic test, or (b) NA______ Shallow stratigraphic test with proposed total depth of _____, or (c) NA Other ____ 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or Geophysical Scientific Research 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of South Carolina 2. The type(s) of operation(s) to be employed is (are): Seismic (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are):Air Gun (Air gun, sparker, etc.) 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 _____ 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 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

E. Certification I hereby certify that foregoing and attached information are true and correct. SIGNED DATE Augus			A
SIGNED	-		<u>August 17, 2006</u>
·		PLETED BY MMS	
Permit No	Assigned by	of MMS	Date
This application is herele a Approved b Returned for reas	•		
The approved permit is:			
a Attached			
b Will be forwarde	ed at a later date	·	
SIGNED	TITLE Region	nal Supervisor	DATE

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UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
PERMIT NUMBER: DATE:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization

x	Geophysical exploration for mineral resources as defined in 30 CFR 251.1.
ge	Geophysical scientific research as defined in 30 CFR 251.1. A permit is required for any ophysical investigation that involves the use of solid or liquid explosives or developing data d information for proprietary use or sale.
Th	is permit authorizes the permittee to conduct the above geophysical activity during the period from to in the following area(s):
wi Ins	Extensions the time period specified above must be requested in writing. A permit plus extensions for activities led be limited to a period of not more than 1 year from the original issuance date of the permit. The pection and reporting of geophysical exploration activities, suspension and cancellation of authority conduct exploration or scientific research activities under permit, and penalties and appeals will be
car Th	ried out in accordance with 30 CFR 251.8, 251.9, and 251.10. e authority of the Regional Director may be delegated to the Regional Supervisor for Resource
car Th Ev	ried out in accordance with 30 CFR 251.8, 251.9, and 251.10.
car Th Ev	ried out in accordance with 30 CFR 251.8, 251.9, and 251.10. e authority of the Regional Director may be delegated to the Regional Supervisor for Resource aluation for the purposes of this permit.
car Th Ev	ried out in accordance with 30 CFR 251.8, 251.9, and 251.10. e authority of the Regional Director may be delegated to the Regional Supervisor for Resource aluation for the purposes of this permit. n II. Type(s) of Operations and Technique(s) The permittee will employ the following type(s) of operations: Air Gun Energy Source
Th Ev ection	ried out in accordance with 30 CFR 251.8, 251.9, and 251.10. e authority of the Regional Director may be delegated to the Regional Supervisor for Resource aluation for the purposes of this permit. n II. Type(s) of Operations and Technique(s) The permittee will employ the following type(s) of operations: Air Gun Energy Source Seismic Streamer Acquisition

C. activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 2. 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:
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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:
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 1. 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 250, 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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.
- 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
- Themo S Barn	· · · · · · · · · · · · · · · · · · ·
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer (Title) (Date)	
August 17, 2006 (Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services
	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
	Global Geo Services ASA
 	Name of Service Company or Purchaser
	(if different from above)
X	Geological scientific research GOM OCS REGION MMS
	Geophysical exploration for mineral resources Geophysical scientific research AUG 2 5 2006
mit: Original,	two copies, and one public information copy.

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A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 789	250
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
	Scientific research
3. Describe the environmental effects of the p	proposed activity, including potential adverse effects on
marine life and what steps are planned to m	ninimize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine	life. NTL 2002-G07 will be adhered to at all times.
•	÷.
4. The expected commencement date is:April	1 15, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the	e field operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka R	load New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is	(are):
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE LT	<u>TD</u> The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (ver	ssel navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite system	<u>s</u>

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Geological Scientific Research
The type of operation(s) to be employed is: (check one)
(a) NA Deep stratigraphic test, or
(b) NA, Shallow stratigraphic test with proposed total depth of, or
(c) <u>NA</u> Other
Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)):
Complete for Geophysical Exploration for Mineral Resources or ophysical Scientific Research
1. Proposed location of the activity (attach a page-size plat(s)): East Coast of South Carolina
2. The type(s) of operation(s) to be employed is (are): Gravity
(Seismic, gravity, magnetic, etc.)
3. The instrumentation and/or technique(s) to be used in the operation(s) is (are):Passive Gravity Meter
(Air gun, sparker, etc.)
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:

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED /		DATE August 17, 2
TITLE Chief Opera	auon officer	
	TO BE COMPLE	ETED BY MMS
ermit No	Assigned by	Date
		of MMS
is application is here	by:	
Approved		
Returned for rea	sons in the attached	
he approved permit is	:	
Attached		

SIGNED _____ TITLE Regional Supervisor DATE ____

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
· ·	
PERMIT NUMBER: DATE:	
•	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 1 of 8

Section I. <u>Authorization</u>

T	he Government authorizes the permittee to conduct:
x	Geophysical exploration for mineral resources as defined in 30 CFR 251.1.
	Geophysical scientific research as defined in 30 CFR 251.1. A permit is required for any eophysical investigation that involves the use of solid or liquid explosives or developing data and information for proprietary use or sale.
T.	his permit authorizes the permittee to conduct the above geophysical activity during the period from to in the following area(s):
w Ir to	Extensions f 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 of conduct exploration or scientific research activities under permit, and penalties and appeals will be arried out in accordance with 30 CFR 251.8, 251.9, and 251.10.
	he authority of the Regional Director may be delegated to the Regional Supervisor for Resource valuation for the purposes of this permit.
Section	on II. Type(s) of Operations and Technique(s)
A	The permittee will employ the following type(s) of operations: Passive Gravity Meter
	and will utilize the following instruments and/or technique(s) in such operations:
n	Check-AM Mobile Gravity Meter
В	The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special 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 Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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:
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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:
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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.
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 - 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
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Section VI. Disclosure of Data and Information to the Public

A. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 252.

Section IX. Permit Modifications

DEDINTTEE.

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.

AMERICA:	THE UNITED STATES OF
Flams S. Com	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	· · · · · · · · · · · · · · · · · · ·
(Title) (Date)	•
August 17, 2006 (Date)	

THE HIMITED STATES OF

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services
	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
. <u></u>	Global Geo Services ASA
	Name of Service Company or Purchaser
	(if different from above)
oncation is 	made for the following activity: (check one) Geological exploration for mineral resources
	Geological scientific research
X	Geophysical exploration for mineral resources
	Geophysical scientific research
omit: Origin	al, two copies, and one public information copy.
omit: Origin	al, two copies, and one public information copy.
omit: Origin	al, two copies, and one public information copy.
omit: Origin	To be completed by MMS

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A. General Information

Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78	3950
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address	E-Mail Address
2. The purpose of the activity is: X	Mineral exploration
	Scientific research
	1 of the first of the second o
•	e proposed activity, including potential adverse effects on
marine life and what steps are planned to	minimize these adverse affects (lise continuation spects
	minimize these adverse effects (use continuation sheets
as necessary):	
as necessary):	e life. NTL 2002-G07 will be adhered to at all times.
as necessary):	
as necessary): There will be no adverse effects on marine	
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr	e life. NTL 2002-G07 will be adhered to at all times.
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr 5. The name of the individual in charge of the	ril 15, 2007 Completion Date: March 14, 2008
as necessary): There will be no adverse effects on marine 4. The expected commencement date is: Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka	ril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman
as necessary): There will be no adverse effects on marine 4. The expected commencement date is: Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315	ril 15, 2007 Completion Date: March 14, 2008 he field operation is: Thomas S. Sherman Road New Ulm, TX 78950
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign	ril 15, 2007 Completion Date: March 14, 2008 he field operation is:
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign	ril 15, 2007 Completion Date: March 14, 2008 he field operation is:
as necessary): There will be no adverse effects on marine 4. The expected commencement date is: Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign	ril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman Road New Ulm, TX 78950 (Marine) is (are):
as necessary): There will be no adverse effects on marine 4. The expected commencement date is: Apr 5. The name of the individual in charge of the May be contacted at: 4156 Shunka Telephone (Local) 713-444-5315 Radio call sign	ril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman Road New Ulm, TX 78950 (Marine) is (are): Registry number: 637056, IMO 8225943
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr 5. The name of the individual in charge of the May be contacted at:	ril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman Road New Ulm, TX 78950 (Marine) is (are): Registry number: 637056, IMO 8225943
as necessary): There will be no adverse effects on marine 4. The expected commencement date is:Apr 5. The name of the individual in charge of the May be contacted at:	ril 15, 2007 Completion Date: March 14, 2008 the field operation is: Thomas S. Sherman Road New Ulm, TX 78950 (Marine) is (are): Registry number: 637056, IMO 8225943 TD The port from which the vessel(s) will operate is: Various on E essel navigation only): Racal Sky Fix/ DGPS Deriving

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	Geological Scientific Research			
1.	The type of operation(s) to be employed is: (check one)			
	(a) NA Deep stratigraphic test, or			
	(b) NA, or			
	(c) <u>NA</u> Other			
2.	Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)):			
	Complete for Geophysical Exploration for Mineral Resources or			
GE	2. Proposed location of the activity (attach a page-size plat(s)): East Coast of South Carolina			
	2. The type(s) of operation(s) to be employed is (are): Magnatometer			
	(Seismic, gravity, magnetic, etc.)			
	3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magna tometer			
	3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magna tometer Sensor			

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED	Ome John	DATE :	August 17, 2006
TITLE Chief Opera	tion officer	•	
			•
			<u>-</u>
		LETED BY MMS	
Permit No	Assigned by	of MMS	Date
This application is hereb	y:		
a Approved			
bReturned for reas	ons in the attached		
The approved permit is:	·		
a Attached			
b Will be forwarde	d at a later date		
		,	
	,		
SIGNED	TITLE Region	al Supervisor	DATE

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 8 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
PERMIT NUMBER: DATE:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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The Government authorizes the permittee to conduct: Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 in the following area(s): to . 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 251.8, 251.9, and 251.10. 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: Passive Towed Sensor Magnatometer and will utilize the following instruments and/or technique(s) in such operations: Proton Magnatometer

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special Provisions," and the approved "Application for

Permit," which are attached to and incorporated into this permit.

Section I. Authorization

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included:
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 1. 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 250, 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or
 - information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Alam S Bun	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer (Title) (Date)	
August 17, 2006 (Date)	

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Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

(Section 11, Outer Continent Public Law 95-372, 92 Statu	tal Shelf Lands Act of August 7, 1953, as amended on September 18, 1978, by te 629, 43 U.S.C. 1340; and 30 CFR Part 251)
	Global Geo Services
	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
	Global Geo Services ASA
	Name of Service Company or Purchaser
	(if different from above)
Application is made for the	e following activity: (check one)
Geold	ogical exploration for mineral resources
Geold	ogical scientific research GOM OCS REGION MMS
X Geop	hysical exploration for mineral resources AUG 2 5 2006
Geop	physical scientific research
	s, and one public information copy.
Submit: Original, two copies	s, and one public information copy.
	·
	
	To be completed by MMS
Permit Number: E-	6-15 Date: 8-25-06

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 5 of 11

A. General Information

1. The activity will be conducted by:	•
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78	950
Address	Address
713-444-5315/ 979-992-3358	T. I. I. WAY Musham
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	E-Mail Address
E-Mail Address 2. The purpose of the activity is: X	Mineral exploration
	Scientific research
marine life and what steps are planned to as necessary):	e proposed activity, including potential adverse effects on minimize these adverse effects (use continuation sheets e life. NTL 2002-G07 will be adhered to at all times.
-	ril 15, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the	he field operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka	Road New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is	is (are):
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE L	TD The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (ve	essel navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite syster	<u>ns</u>
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	Geological Scientific Research			
	The type of operation(s) to be employed is: (check one)			
	(a) NA Deep stratigraphic test, or			
	(b) NA Shallow stratigraphic test with proposed total depth of, or			
	(c) <u>NA</u> Other			
	Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)):			
	Complete for Geophysical Exploration for Mineral Resources or eophysical Scientific Research			
	1. Proposed location of the activity (attach a page-size plat(s)): East Coast of North Carolina			
	2. The type(s) of operation(s) to be employed is (are): Seismic			
	(Seismic, gravity, magnetic, etc.)			
	3. The instrumentation and/or technique(s) to be used in the operation(s) is (are):Air Gun			
	J. The mountainentation and of teeningse(e) to be used in the operation(e) to (all o). In			
	(Air gun, sparker, etc.)			
	(Air gun, sparker, etc.) 4. Explosive charges will will not X be used. If applicable, indicate the type of the sparker is a sparker of the sparker.			
	(Air gun, sparker, etc.)			

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

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I hereby certify that	runcation ereby certify that foregoing and attached information are true and correct.				
SIGNED	A C 16.				
TITLE Chief Ope					
·					
			ndra		
	TO BE COMP	PLETED BY MMS			
Permit No.	Assigned by		Date		
		of MMS			
This application is her	eby:				
a Approved					
bReturned for re	asons in the attached				
The approved permit i	s:				
a Attached					
b Will be forward	ded at a later date	•			
SIGNED	TITLE Region	nal Sunervisor	in a Trif		

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UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
	(Name of Permittee)
Dronningen	
	(Number and Street)
0287 Oslo, Norway	
(City, State, and Zip Code)
PERMIT NUMBER:	DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. <u>Authorization</u>

The Government authorizes the permittee to conduct:	•
x Geophysical exploration for mineral resources as defined in 30 C	FR 251.1.
Geophysical scientific research as defined in 30 CFR 251.1. A geophysical investigation that involves the use of solid or liquid explanand information for proprietary use or sale.	permit is required for any sives or developing data
This permit authorizes the permittee to conduct the above geophysica to	in the following area(s):
Extensions of the time period specified above must be requested in writing. A per will be limited to a period of not more than 1 year from the original is Inspection and reporting of geophysical exploration activities, suspent to conduct exploration or scientific research activities under permit, a carried out in accordance with 30 CFR 251.8, 251.9, and 251.10.	rmit plus extensions for activities suance date of the permit. sion and cancellation of authority
The authority of the Regional Director may be delegated to the Regio Evaluation for the purposes of this permit.	nal Supervisor for Resource
Section II. Type(s) of Operations and Technique(s)	
A. The permittee will employ the following type(s) of operations: Air Gun Energy Source Seismic Streamer Acquisition and will utilize the following instruments and/or technique(s) is Bolt Air Guns	n such operations:

B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special Provisions," and the approved "Application for Permit," which are attached to and incorporated into this permit.

648 Trace Syntrac Streamer 8000-10,000 Length

C. The permittee will conduct all geophysical exploration or scientific research activities in

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

- A. The permittee must submit status reports on a two month basis in a manner
 - approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.
 - 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
 - C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 1. 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 250, Subpart N; and
 - 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:
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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.

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Section VII. Disclosure to Independent Contractors

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	THE UNITED STATES OF
Am Cen	
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006 (Date)	

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services
···	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
	Global Geo Services ASA
	Name of Service Company or Purchaser
	(if different from above)
pplication is m	ade for the following activity: (check one) Geological exploration for mineral resources GON OCS REGION MMS
	Geological exploration for mineral resources MMS
	Geological scientific research AUG 2 5 2006
\mathbf{X}	
	Geophysical exploration for mineral resources Geophysical scientific research New Orleans LA RESOURCE ENDINGER
ıbmit: Original	, two copies, and one public information copy.
	To be completed by MMS
	E-6-16 Date: 8-25-06

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A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950	
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
2. The purpose of the delivery	Scientific research
	osed activity, including potential adverse effects on
marine life and what steps are planned to minin	nize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine life	NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is: April 15.	·
5. The name of the individual in charge of the fie	eld operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Road	New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (are	e):
Name: GGS Atlantic	Registry number: <u>637056, IMO 8225943</u>
Registered owner: Songa Shipping PTE LTD T	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vessel	navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	

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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) NA Deep stratigraphic test, or (b) NA______ Shallow stratigraphic test with proposed total depth of ______, or 2. Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)): C. Complete for Geophysical Exploration for Mineral Resources or **Geophysical Scientific Research** 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of North Carolina 2. The type(s) of operation(s) to be employed is (are): Gravity (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Passive **Gravity Meter** (Air gun, sparker, etc.) 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 ______ 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 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

SIGNED Tomo Econ	DATE August 17, 2006
TITLE Chief Operation officer	
TO BE CO	MPLETED BY MMS
Permit No Assigned by	Date
	of MMS
This application is hereby:	
Approved	
eReturned for reasons in the attached	
The approved permit is:	
a Attached	

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UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	·
	(Name of Permittee)
Dronningen	
	(Number and Street)
0287 Oslo, Norway	
(Ci	ity, State, and Zip Code)
PERMIT NUMBER:	DATE:

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization The Government authorizes the permittee to conduct: Geophysical exploration for mineral resources as defined in 30 CFR 251.1. Geophysical scientific research as defined in 30 CFR 251.1. 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 in the following area(s): 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 251.8, 251.9, and 251.10. 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: Passive Gravity Meter

C. The permittee will conduct all geophysical exploration or scientific research activities in

and will utilize the following instruments and/or technique(s) in such operations:

B. The permittee will conduct all activities in compliance with the terms and conditions of this permit, including the "Stipulations," "Special Provisions," and the approved "Application for

Permit," which are attached to and incorporated into this permit.

Check-AM Mobile Gravity Meter

compliance with the Act, the regulations in 30 CFR Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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. A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - 6. A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included:
 - Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and</u> 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:
 - 1. 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 250, Subpart N; and
 - 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
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or
 - information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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.

AMERICA:	THE UNITED STATES OF
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman	
(Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer	
(Title) (Date)	
August 17, 2006	
August 17, 2006 (Date)	· · · · · · · · · · · · · · · · · · ·
(Date)	

Form MMS-328 (July 2003) (Previous editions may not be used.) Page 8 of 8

Attachment 1

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

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

	Global Geo Services
	Name of Applicant
	Dronningen
	Number and Street
	0287 Oslo, Norway
	City, State, and Zip Code
	Global Geo Services ASA
	Name of Service Company or Purchaser
	(if different from above)
X	Geological exploration for mineral resources Geological scientific research Geophysical exploration for mineral resources Geophysical scientific research AUG 2 5 2006 Resources Aug 2 5 2006 New Orleans, LA New Orleans, LA Resource EVALUA
mit: Original	I, two copies, and one public information copy.
	To be completed by MMS E-6-17 Date: 8-25-06

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A. General Information

1. The activity will be conducted by:	
Global Geo Services	For NA
Service Company Name	Purchaser(s) of the Data
4164 Shunka Road New Ulm, Texas 78950)
Address	Address
713-444-5315/ 979-992-3358	
Telephone/FAX Numbers	Telephone/FAX Numbers
tsherman@industryinet.com	
E-Mail Address 2. The purpose of the activity is: X	E-Mail Address Mineral exploration
	Scientific research
-	
3. Describe the environmental effects of the pro	posed activity, including potential adverse effects on
marine life and what steps are planned to min	imize these adverse effects (use continuation sheets
as necessary):	
There will be no adverse effects on marine life	e. NTL 2002-G07 will be adhered to at all times.
4. The expected commencement date is: April 13	5, 2007 Completion Date: March 14, 2008
5. The name of the individual in charge of the fi	ield operation is: Thomas S. Sherman
May be contacted at: 4156 Shunka Roa	d New Ulm, TX 78950
Telephone (Local) 713-444-5315	(Marine)
Radio call sign	
6. The vessel(s) to be used in the operation is (a	re):
Name: GGS Atlantic	Registry number: 637056, IMO 8225943
Registered owner: Songa Shipping PTE LTD	The port from which the vessel(s) will operate is: Various on East
Coast, U.S.A.	
8. Briefly describe the navigation system (vessel	I navigation only): Racal Sky Fix/ DGPS Deriving
positions from space based satellite systems	
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1.	The type of operation(s) to be employed is: (check one)
	(a) NA Deep stratigraphic test, or
	(b) NA Shallow stratigraphic test with proposed total depth of, or
	(c) <u>NA</u> Other
2.	Exact geographic coordinates of proposed test(s) (attach a page-size plat(s)):
	Complete for Geophysical Exploration for Mineral Resources or cophysical Scientific Research 1. Proposed location of the activity (attach a page-size plat(s)): East Coast of North Carolina
	2. The type(s) of operation(s) to be employed is (are): Magnatometer
	•
	2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magnatometer
	2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.)
	2. The type(s) of operation(s) to be employed is (are): Magnatometer (Seismic, gravity, magnetic, etc.) 3. The instrumentation and/or technique(s) to be used in the operation(s) is (are): Magnatometer Sensor

B. Complete for Geological Exploration for Mineral Resources or

Use the appropriate form on page 9 for a "geological" permit application or the form on page 10 for a "geophysical" permit application. You must submit a separate Form MMS-327 to apply for each geological or geophysical permit.

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SIGNED	thams Som	DATE <u>August 17, 2006</u>
TITLE Chief Ope		(
		·
	TO BE COMPLETED	BY MMS
nit No	Assigned by	Date
		of MMS
application is her	eby:	•
Approved		
Returned for re	easons in the attached	
approved permit	is:	
Attached		

Form MMS-327 (July 2003) (Previous editions may not be used.) Page 8 of 11

UNITED STATES DEPARTMENT OF THE INTERIOR MINERALS MANAGEMENT SERVICE

GULF OF MEXICO REGION (AREAS IN GULF OF MEXICO AND ATLANTIC OCS)

PERMIT FOR GEOPHYSICAL EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH IN 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 Minerals Management Service (MMS) of the Department of the Interior, and

Global Geo Services ASA	
(Name of Permittee)	
Dronningen	
(Number and Street)	
0287 Oslo, Norway	
(City, State, and Zip Code)	
PERMIT NUMBER: DATE:	

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 Part 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 part 251 regulations. The Office of Management and Budget (OMB) has approved those reporting requirements under OMB control number 1010-0048.

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Section I. Authorization

The Government authorizes the permittee to conduct:	
x Geophysical exploration for mineral resources as defined in 30 CFR 251.1.	
Geophysical scientific research as defined in 30 CFR 251.1. 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	
to in the following area(s):	
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 251.8, 251.9, and 251.10.	
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:	
Passive Towed Sensor Magnatometer	
and will utilize the following instruments and/or technique(s) in such operations:	
Proton Magnatometer	
B. The permittee will conduct all activities in compliance with the terms and conditions of this	
permit, including the "Stipulations," "Special 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 Part 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 Part 251 are restated in this permit for emphasis. However, all of the provisions of 30 CFR Part 251 apply to this permit.

Section III. Reports on Operations

A. The permittee must submit status reports on a two month basis in a manner

approved or prescribed by the Regional Supervisor, Resource Evaluation (hereinafter referred to as Supervisor). The report must include a daily log of operations and a map (preferably on a scale of 1: 40,000) showing traverse lines according to Minerals Management Service (MMS) area and block numbers.

- 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:
 - A description of the work performed including number of line miles or OCS blocks of geophysical data acquired;
 - 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;
 - 3. The dates on which the actual geophysical exploration or scientific research activities were performed;
 - 4. A narrative summary of any: (a) hydrocarbon occurrences 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;
 - 5. The estimated date on which the processed or interpreted data or information will be available for inspection by the MMS;
 - A final edited navigation tape or other suitable storage medium of all data or sample locations in latitude/longitude degrees. The tape is to be formatted in SEG P1, coded in ASCII with fixed record length and fixed block size. A printed listing and a format statement are to be included;
 - 7. Identification of geocentric ellipsoid (NAD 27 or NAD 83) used as a reference for the data or sample locations; and
 - 8. Such other descriptions of the activities conducted as may be specified by the Supervisor.
- C. The last status report and the final report can be combined into one report.

Section IV. <u>Submission, Inspection, and Selection of Geophysical Data and Information</u>

- 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:
 - 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 250, Subpart N; and
 - 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
 - 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 MMS that the requested reimbursement is proper, MMS 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 MMS's request, MMS 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. The MMS 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 Part 250 (Oil and Gas and Sulphur Operations in the Outer Continental Shelf), 30 CFR Part 251, and 30 CFR Part 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 250 and 252, no data or information determined by MMS 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 MMS, will be disclosed as follows:
 - 1. Except for deep stratigraphic tests, the MMS will make available to the public geophysical data 50 years after the date on which the data are submitted.
 - 2. Except for deep stratigraphic tests, the MMS will make available to the public processed geophysical information and interpreted geophysical information 25 years after the date on which the information is submitted. It is the policy of MMS that the "date of submission" of geophysical data or information obtained under geophysical permits will be the date that the MMS contracting officer or his/her representative signs the contract/delivery order or purchase order to reimburse the permittee for reproduction and, if appropriate, processing of the geophysical information. In the absence of a contract, delivery order, or purchase order, the date of receipt by MMS is the date of submission.
 - 3. The MMS 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 251.7 or 251.12, 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, MMS, 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 251.8 and determined by MMS 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 251.14, unless the Director, MMS, 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.
 - 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

The MMS 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, MMS will advise the permittee who provided the data or information of intent to disclose the data or information to an independent contractor or agent. The MMS'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 MMS 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 MMS'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 MMS.

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, MMS, pursuant to the provisions of 30 CFR 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 MMS 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 256, MMS, 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 MMS 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 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 Part 250, Part 251, and Part 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: AMERICA:	INE ONITED STATES OF
Flores S. Sam	:
(Signature of Permittee)	(Signature of Regional Supervisor)
Thomas S. Sherman (Type or Print Name of Permittee)	(Type or Print Name of Regional Supervisor)
Chief Operating Officer (Title) (Date)	
August 17, 2006 (Date)	