

MINUTE ITEM  
This Calendar Item no. C28  
was approved as Minute Item  
no. 28 by the State Lands  
Commission by a vote of 3  
0 at its 6-30-92  
meeting.

CALENDAR ITEM

A 4  
S 2

**C 2 8**

06/30/92  
W 6005.40 PRC 7639  
Nitsche

APPROVE ISSUANCE OF AN ONSHORE  
GEOPHYSICAL SURVEY PERMIT FOR STATE-OWNED  
TIDE AND SUBMERGED LANDS IN THE KIRBY HILLS AREA  
OF THE SACRAMENTO DELTA IN SOLANO COUNTY

**APPLICANT:**

CGG American Services, Inc.  
Attn: Ned Stagg  
2500 Wilcrest  
Houston, Texas 77042

**AREA, TYPE LAND AND LOCATION:**

Tide and submerged land in the State-owned waterways crossed  
by seven survey lines.

**LAND USE:**

Geophysical survey crossing private uplands and State-owned  
waterways in the Kirby Hills area of the Sacramento Delta in  
Solano County.

**TERMS OF PROPOSED PERMIT:**

**Initial Period:**

One (1) year beginning July 1, 1992 through June 30,  
1993.

**Bond:**

Applicant has submitted a performance bond of \$25,000  
in favor of the State.

**PROPOSED PROJECT:**

CGG is proposing a conventional drill hole, surface phone seismic  
survey for the Kirby Hills area. The line locations are depicted  
on the enclosed area plat marked as "Exhibit A".

CALENDAR ITEM NO. 28 (CONT'D)

The proposed Kirby Hills Geophysical Survey begins in the northeast area of Holland Tract and includes Liberty Island, Moore Tract, Hasting Island, and the Lindsey Slough Gas Field Area before it proceeds southwest through the Montezuma Hills and into the Grizzly Island Wildlife Management Area.

Pin flags will be placed every 82.5 feet along each proposed survey line. There will be no flags placed in the State waterways.

Holes are to be drilled every 247.5 feet. The hole size will be approximately five inches (5") in diameter and each are to be drilled to a depth of 40 feet. These holes will be drilled using a tractor with a drill mounted on the back. The holes will be loaded with a ten-pound (10 lb.) charge then plugged immediately afterward with rock bentonite that meets the requirements of CAL-OSHA and the local reclamation districts. No holes will be drilled and no vehicles will be necessary in the State waterways.

Once the surveying is completed and the holes have been drilled, loaded and filled, a cable the size of an outdoor extension cord will be placed along each line as well as twelve geophones on a single wire (spaced evenly) between each flag. There will be no geophones placed in the State waterways.

Each line will be recorded separately and consecutively. After the cables and geophones are located along each line and after the records are taken, all equipment will be removed promptly and the area covered by the survey will be checked for any possible disturbance and repaired if necessary.

CGG is coordinating this project with all the affected land owners, trustee agencies, such as the Department of Fish and Game and reclamation districts, and other permitting and responsible local agencies listed in Exhibit "B".

Special operating conditions have been developed by the reclamation districts and the Department of Fish and Game to eliminate any hazard to the levees, wildlife, and habitat crossed by the survey lines. These conditions are reflected in the survey as proposed.

CALENDAR ITEM NO 0 2 8 (CONT'D)

The Applicant has submitted copies of all permits/approvals from responsible agencies or has advised that an application is pending. The permit will provide that no operations under the permit may be initiated without first filing copies of all required permits. The geophysical information to be acquired is for the use of the oil and gas industry and may benefit the State as an aid in development of the State's resources from adjacent private lands.

**STATUTORY AND OTHER REFERENCES:**

- A. P.R.C.: Div. 6, Parts 1 and 2; Div. 13.
- B. Cal. Code Regs.: Title 2, Div. 3; Title 14, Div. 6.

**AB 884:**

11/08/92.

**OTHER PERTINENT INFORMATION:**

- 1. On July 16, 1991, Amendment to Permit #89-63(M) to CGG Land Seismic, Inc. was granted by the San Francisco Bay Conservation and Development Commission under its certified program (14 Cal. Code Regs. 15251(h)).
- 2. The surveys involve lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

**EXHIBITS:**

- A. Area plat.
- B. List of responsible agencies issuing permits/approvals.
- C. Bay Conservation and Development Permit Amendment #89-63(M).

**IT IS RECOMMENDED THAT THE COMMISSION:**

- 1. FIND THAT AN ENVIRONMENTAL ANALYSIS DOCUMENT [BAY CONSERVATION AND DEVELOPMENT COMMISSION PERMIT #89-63(M)], WAS CERTIFIED FOR THIS PROJECT BY THE BAY CONSERVATION AND DEVELOPMENT COMMISSION UNDER ITS CERTIFIED PROGRAM (14 CAL. CODE REGS. 15251(h)).

CALENDAR ITEM NO C 2 8 (CONT'D)

2. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.
3. AUTHORIZE SEVEN SURVEY LINES ON STATE-OWNED TIDE AND SUBMERGED LANDS IN THE SACRAMENTO DELTA AREA OF SOLANO COUNTY WITHIN THE AREA AS SHOWN ON EXHIBIT "A".
4. APPROVE THE ISSUANCE TO CGG AMERICAN SERVICES, INC. OF AN ONSHORE GEOPHYSICAL SURVEY PERMIT FOR THE STATE LANDS AND ON THE TERMS DESCRIBED ABOVE.



EXHIBIT "A"  
W 6005.40



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EXHIBIT "B"

LIST OF RESPONSIBLE AGENCIES ISSUING PERMITS/APPROVALS

S.F. Bay Conservation and Development Commission

Suisun Resource Conservation Commission

S.F. Bay Regional Water Quality Control Board

Environmental Protection Agency

U.S. Army Corps of Engineers (Regulatory Branch)\*

Department of Fish and Game\*

Solano County Department of Environmental Management

Solano County Public Works Department

Solano County Fire Protection District

California Department of Transportation

California Water Resources\*

Reclamation Districts: Numbers 536, 2080, 2084, 2093, 2098

U.S. Coast Guard

Sacramento Port District

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EXHIBIT "C"

STATE OF CALIFORNIA

ROY WILSON  
GOVERNOR

SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION

100 FORTY VAN NESS AVENUE, SUITE 2011  
SAN FRANCISCO, CA 94102-0080  
PHONE (415) 357-3686



PERMIT NO. M89-63(M)  
AMENDMENT NO. TWO

July 16, 1991

CGG Land Seismic, Inc.  
P.O. Box 409  
Walnut Grove, California 95690

ATTENTION: Steven R. Hall,  
Permit Agent

SUBJECT: Amendment No. Two to BCDC Marsh Development Permit No. M89-63(M)

Dear Mr. Hall:

As requested in your letter of July 8, 1991, you are hereby granted an extension of commencement time, until June 1, 1993, and an extension of completion time, until October 15, 1993, of permission previously granted to perform a geophysical survey in the Suisun Marsh, in Solano County, in our Marsh Development Permit No. M89-63(M).

This extension of time is for the completion of work authorized only and does not apply to any other time requirement in the permit. This extension of time is issued pursuant to the authority granted by Government Code Section 66632(f), Regulation Section 10812, and upon the finding that this time extension is not a material alteration of the project authorized by Marsh Development Permit No. M89-63(M).

Except as stated herein, all conditions of the permit, as amended, dated, April 24, 1991, remain in full force and effect.

Very truly yours,

ALAN R. PENDLETON  
Executive Director

Enc.

ARP/BP/rr

- cc: U. S. Army Corps of Engineers, Attn: Regulatory Functions Branch
- San Francisco Bay Regional Water Quality Control Board,
- Attn: Certification Section
- Environmental Protection Agency, Attn: Clyde Morris, W-7-2
- Baykeeper, Attn: Mike Herz
- Solano County Department of Environmental Management, Attn: Karen Wyeth
- Department of Fish and Game, Attn: Dennis Becker
- Suisun Resource Conservation District, Attn: Michael Lewis

Dedicated to making San Francisco Bay better

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