

GEOPHYSICAL SURVEY PERMIT – PRE-SURVEY NOTIFICATION FORM

SLC 602 (Revised 06/24)

Permittee InformationContact Name: Jared KluenserPhone Number: 858-531-4894Email Address: jkluesner@usgs.govPermit #: PRC 9967**Select one:**

- ☐ New Survey
- ☒ New Survey Series
- ☐ Existing Survey Series
- ☐ Time Extension

Section 1: Pre-Survey Notification Package. Please use the boxes below to verify that the required documents are included in the Pre-Survey Notification Package:

- ☒ Pre-Survey Notification Form
- ☒ Navigation chart, as well as GPS coordinates or a shapefile for proposed track lines (bounding coordinates for the survey area are acceptable if track lines are not known; all coordinates should be in decimal degrees)
- ☒ Résumé(s) of Marine Wildlife Monitor(s)

Section 2: Pre-Survey Notices. Please use the boxes below to verify that notifications have been sent to the following:

- ☒ U.S. Coast Guard Local Notice to Mariners
- ☒ Harbormasters' offices of regional harbors near the survey area

Section 3: Survey Details.Date(s) of operation (survey window): 9-27-26 to 10-9-26Number of survey days (approximate): 14Survey location: Offshore central California, from San Simeon to south of Point SalHours of operation: daylight hours: daybreak to early afternoon

Survey purpose/objective:

The purpose of this survey is for the U.S. Geological Survey to collect low energy chirp sub-bottom profiles along the Hosgri, Los Osos, Shoreline, Casmalia, and Lion's Head fault zones to evaluate fault and earthquake hazards to the central CA coast, including the Diablo Canyon Nuclear Power Plant. Sub-bottom images will provide insight into fault activity and reveal potential targets for future sediment sampling to constrain the ages of past earthquakes and better understand recurrence intervals.

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Section 4: Vessel Details.Vessel name: Research Vessel Bold HorisonVessel official number: 1265983Vessel captain's name: Shannon Earle or Rand AttawayRadio channel(s) to be monitored by vessel: 16 & 9**Section 5: Survey Equipment Characteristics and Safety Zones.**

Equipment type	Edgetech 2300-516 chirp
Frequency	approximately 1 to 15 kHz
Source level (dB re 1 uPa at 1 m [rms and peak])	160 dB isopleth is less than 5 from source
Number of beams	1
Across and along track beamwidth	variable depending on water depth, 15 degree cone
Pulse rate/length	1-2 Hz and 40 ms
Rise time	12 ms
Source depth	10 m
Tow speed	2-4 knts
Cable tow length	20 m

Equipment type	
Frequency	
Source level (dB re 1 uPa at 1 m [rms and peak])	
Number of beams	
Across and along track beamwidth	
Pulse rate/length	
Rise time	
Source depth	
Tow speed	
Cable tow length	

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Section 6: Safety Zones. For surveys operating equipment at a frequency < 200kHz, a safety zone around the sound source is required. The size of the safety zone is based on the modeled or calculated distance to the 160 dB (rms) threshold, as outlined in Section 2100.07 (a)(5)(D) of the Geophysical Survey Permit Program's regulations. Please list the equipment-specific safety zones below.

Equipment type	Safety Zone
Edgetech 2300-516 chirp	< 5 m or de minimis

Section 7: Pinniped Haul-Out Sites, Marine Protected Areas (MPAs), and Other Permits/Authorizations. Please provide answers to the following:

Are there pinniped haul-out sites within or near the survey area? If yes, please provide the location of and distance to the haul-out site(s).

There are a number of haul-out sites along the coast near the survey region, however we will not be surveying within 1000 m of any of these.

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Are there MPAs within or near the survey area? If yes, please provide the location of and distance to the MPA(s).

Point Buchon SMCA. In review - previous survey we were told by Lara Slatoff at CA Department of Fish and Wildlife that an SCP was not required for the work we proposed in these regions. We can provide a copy of this exchange if requested.

Were other permits or authorizations obtained from Federal or State agencies (e.g., from the California Department of Fish and Wildlife for work in or near MPAs)? If yes, please provide the type of permit and issuing agency.

Chumash National Marine Sanctuary - CHNMS-2026-003

Section 8: Fishing Gear Conflicts. If different from the person identified on Page 1, please provide the phone number and email address for the point of contact within your organization in the event of equipment entanglement with fishing gear.

Contact	Phone Number	Email Address

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PRIVACY NOTICE FOR INDIVIDUALS

Please do not provide personal information that is not requested.

The Information Practices Act of 1977 (see Civil Code section 1798 et seq.) requires this notice be provided when collecting personal information from individuals. Each individual has the right to review their personal information maintained by this agency, unless legally restricted. An individual means a natural person.

AGENCY NAME / DIVISION

California State Lands Commission / Division of Environmental Science, Planning, and Management

TITLE OF OFFICIAL RESPONSIBLE FOR MAINTENANCE OF THE INFORMATION

Environmental Scientist

BUSINESS ADDRESS OF OFFICIAL / TELEPHONE

100 Howe Avenue, Suite 100 South, Sacramento, California 95825 / (916) 574-1910.

AUTHORITY THAT AUTHORIZES THE MAINTENANCE OF THE INFORMATION

Public Resources Code Section 6001 et seq.

THE FOLLOWING ITEMS OF INFORMATION ARE VOLUNTARY; ALL OTHERS ARE MANDATORY

All items are mandatory unless otherwise noted.

THE CONSEQUENCES, IF ANY, OF NOT PROVIDING ALL OR ANY PART OF THE REQUESTED INFORMATION

The form may not be able to be processed, or processing may be delayed.

THE PRINCIPAL PURPOSE(S) WITHIN THE AGENCY FOR WHICH THE INFORMATION IS TO BE USED

To process the requested enrollment, modification, or cancellation of VPLP.

KNOWN OR FORESEEABLE DISCLOSURES OF THE INFORMATION

The California State Auditor's Office, as well as local, state, or federal agencies and courts that have lawful access and have demonstrated a justified need, may be permitted to access your personal information.

PROTECTING YOUR PRIVACY

State Lands Commission's **Privacy Policy Statement**
(<https://www.slc.ca.gov/privacy-policy/>).

CAUTION IS YOUR COMPUTER SECURE? (<https://oag.ca.gov/privacy/online-privacy>).

