

GEOPHYSICAL SURVEY PERMIT – PRE-SURVEY NOTIFICATION FORM

SLC 602 (Revised 06/24)

Permittee InformationContact Name: Aaron MicallefPhone Number: (831) 775-1747Email Address: amicallef@mbari.orgPermit #: A4564**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): November 11-16, 2025Number of survey days (approximate): 6 in NovemberSurvey location: Monterey BayHours of operation: 8 am to 5 pm

Survey purpose/objective:

Map flanks and floor of Monterey Canyon to measure changes in bottom topography since first systematic multibeam sonar surveys were conducted in 1998.

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Section 4: Vessel Details.Vessel name: R/V David PackardVessel official number: 1336426Vessel captain's name: Andrew McKeeRadio channel(s) to be monitored by vessel: VHF 16 and 68**Section 5: Survey Equipment Characteristics and Safety Zones.**

Equipment type	Kongsberg EM304 MKII
Frequency	center frequency 26 kHz
Source level (dB re 1 uPa at 1 m [rms and peak])	237 dB re 1uPa at 1 m
Number of beams	up to 1600 per ping cycle
Across and along track beamwidth	1° x 1°
Pulse rate/length	1s ping interval @100 mwd, 5.5s ping interval @1000 mwd
Rise time	30 minutes
Source depth	Mounted on bottom of hull. Vessel has 3.7 m draft.
Tow speed	vessel speed ≤ 6 knots
Cable tow length	no tow cable

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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
Kongsberg EM304 MKII multibeam	≤250 mwd 600 m; 251-750 mwd 750 m
	751-1,000 mwd 980 m
	1001-1,400 mwd 1,190 m

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 six known harbor seal haul-out locations and one pinniped rookery in the greater Monterey Bay area. The Elkhorn Slough also hosts a harbor seal colony and pinniped rookery, which is located approximately two miles east of the experimental survey area. The Packard will not be conducting multibeam surveys within 2 nautical miles of the shoreline.

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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).

Mapping of the canyon rims overlaps with the following MPAs: Soquel Canyon MSCA, Portuguese Ledge MSCA
Distance of survey area to nearest MPAs: Elkhorn SMCA: 2.24 km, Moro Coho SMR: 2.4 km, Asilomar SMR: 6.49 km

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.

No permit is required from CDFW because no wildlife, sediment, or water will be collected during our activities.

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
Dr. Charles Paull	(831)775-1886	paull@mbari.org

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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>).

