STATE OF CALIFORNIA - STATE LANDS COMMISSION
GEOPHYSICAL SURVEY PERMIT – PRE-SURVEY NOTIFICATION FORM
SLC 602 (Revised 07/2026)

FINALIZE FORM

Permittee Contact Information
Contact Name: Woolpert, Inc
Phone Number: 415-462-0421
Email Address: maritime-admin@woolpert.com
Permit #: 9826

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 30, 2026 - December 31, 2026

Number of survey days (approximate): 2

Survey location: Carlsbad, CA

Hours of operation: 07:00 and 18:00

Survey purpose/objective:

Asset inspection survey.

Section 4: Vessel Details.

Vessel name: Tikanni

Vessel official number: AK 8598 AG

Vessel captain's name: Ryan Hersey

Radio channel(s) to be monitored by vessel: 16

Section 5: Survey Equipment Characteristics and Safety Zones.

Equipment type	Multibeam Sonar R2Sonic 2022
Frequency	400khz
Source level (dB re 1 uPa at 1 m [rms and peak])	221db (peak)
Number of beams	256
Across and along track beamwidth	1° x 1°
Pulse rate/length	50 Hz (25 ms), Length 150 sec
Rise time	0.05ms
Source depth	Pole mounted
Tow speed	4 knt
Cable tow length	NA

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	

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	

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**

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).

No.

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

Batiquitos Lagoon State Marine Conservation Area located approximately 1.68 miles to the south east of the closest survey boundary.

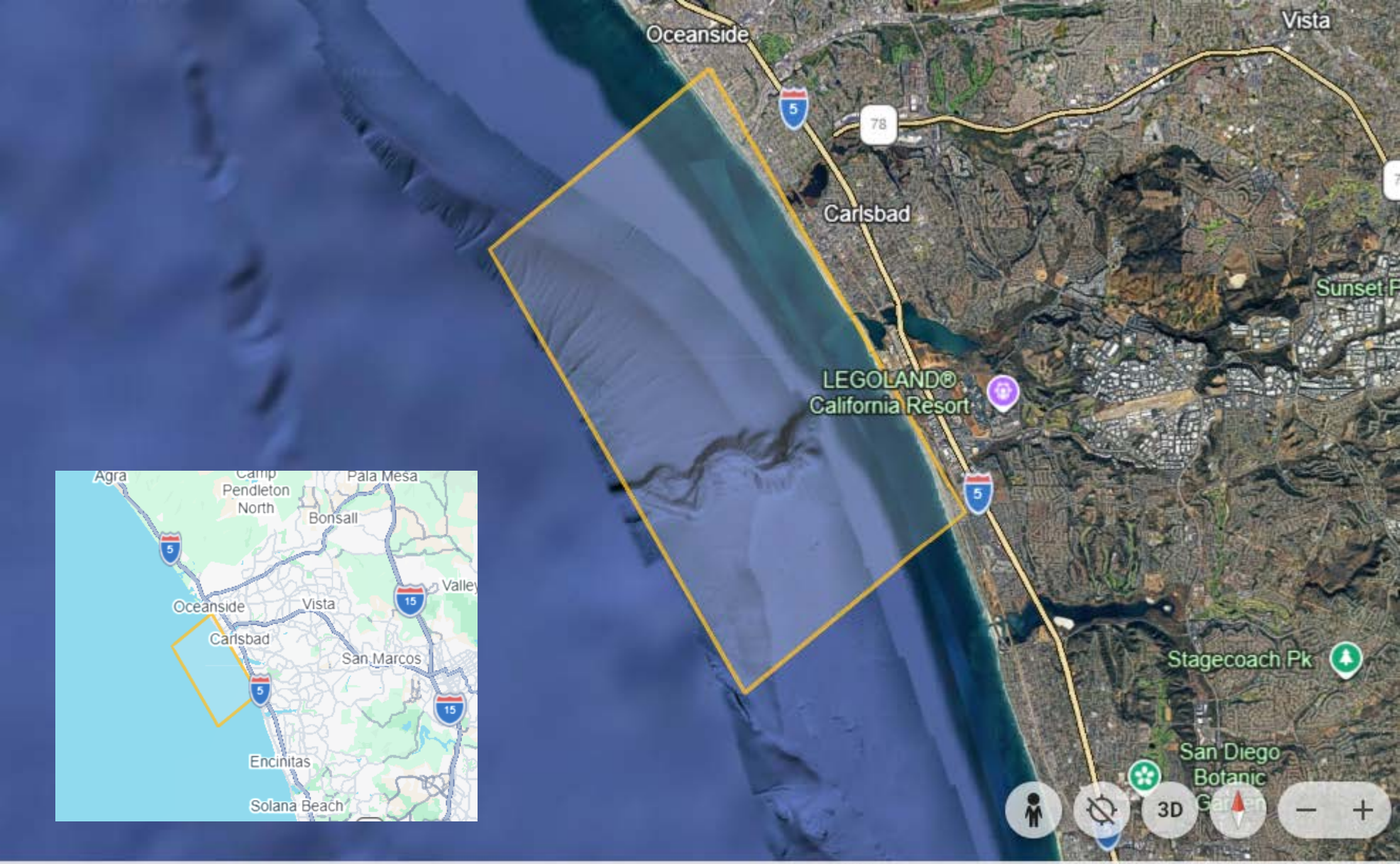
Swami's State Marine Conservation Area located approximately 1.95 miles to the south of the closest survey boundary.

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

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
Nick George	415-847-0892	nick.george@woolpert.com


Oceanside
Vista
Carlsbad
LEGOLAND®
California Resort
Sunset P
Stagecoach Pk
San Diego
Botanic
Garden
Agra
Camp
Pendleton
North
Pala Mesa
Bonsall
Valley
Oceanside
Vista
Carlsbad
San Marcos
Encinitas
Solana Beach
3D
5,000 m
Camera: 43 km
33°11'59.36"N 117°31'25.88"W -355 m