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: Cindy Pratt
Phone Number: 360.314.3200
Email Address: cylp@deainc.com
Permit #: 9966

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 5 - 30, 2026

Number of survey days (approximate): 5

Survey location: Offshore Summerland, California

Hours of operation: Daylight Ops Only

Survey purpose/objective:

The purpose of this survey is to identify and study seepage offshore Summerland.

Section 4: Vessel Details.

Vessel name: S/V Richard T. Brennan

Vessel official number: WN 6969TZ

Vessel captain's name: Herb Tovar

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

Section 5: Survey Equipment Characteristics and Safety Zones.

Equipment type	Teledyne T51 Multibeam Echosounder
Frequency	150-420 kHz
Source level (dB re 1 uPa at 1 m [rms and peak])	220 dB re 1 µPA @ 1m
Number of beams	adjustable, 512 typical, 1024 max
Across and along track beamwidth	0.5 dg across x 1.0 dg along
Pulse rate/length	varies 20 - 30 pps typical
Rise time	N/A
Source depth	3 ft
Tow speed	4 - 5 knots
Cable tow length	N/A (Pole Mount)

Equipment type	Innomar Parametric Sub-bottom Profiler
Frequency	2-22 kHz
Source level (dB re 1 uPa at 1 m [rms and peak])	<247 dB re 1 µPA @ 1m
Number of beams	1
Across and along track beamwidth	1 deg
Pulse rate/length	variable, up to 40 pps, 0.07-2 ms
Rise time	N/A
Source depth	3 ft
Tow speed	4 - 5 knots
Cable tow length	N/A (Pole Mount)

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**
Innomar Sub-bottom Profiler	100 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).

No

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

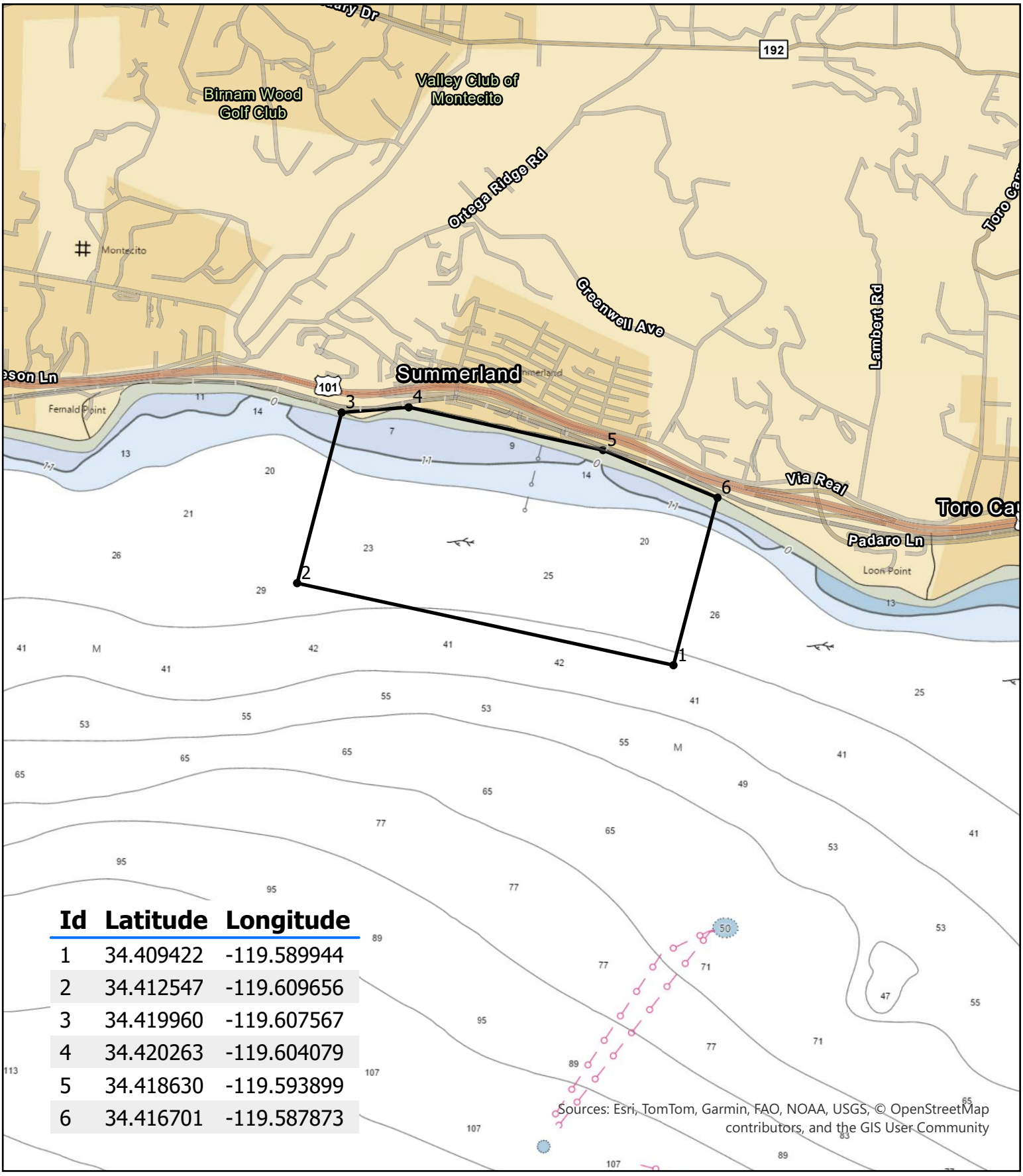
No

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
Cindy Pratt	360.314.3200	cylp@deainc.com



Id	Latitude	Longitude
1	34.409422	-119.589944
2	34.412547	-119.609656
3	34.419960	-119.607567
4	34.420263	-119.604079
5	34.418630	-119.593899
6	34.416701	-119.587873

NOAA Nautical Chart (Online Service) with Proposed Survey Area

Bathymetric and Geophysical Project

Offshore Summerland, California