

GEOPHYSICAL SURVEY PERMIT – PRE-SURVEY NOTIFICATION FORM

SLC 602 (Revised 06/24)

Permittee InformationContact Name: Dr. Hany ElwanyPhone Number: 858-459-0008Email Address: hany@coastalenvironments.comPermit #: PRC8536**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): Between 9/20/2025 and 11/30/2025Number of survey days (approximate): 8 daysSurvey location: Offshore of San Clemente at Wheeler North ReefHours of operation: 0600-1600 hrs

Survey purpose/objective:

The purpose of this survey is to inspect the condition and position of the Wheeler North Reef Phase 1, 2 and 3 reef modules, which were constructed in 1999, 2008 and 2019-2020, respectively. Results from this survey will be compared to the previous 2009, 2014 and 2017 bathymetric surveys to quantify any changes which may have occurred over time. These survey will determine water depth, seabed hazards, geomorphology, and presence of kelp using hydrographic and geophysical instruments.

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Section 4: Vessel Details.Vessel name: R/V WindsorVessel official number: CA Registration CF 0592 RLVessel captain's name: Kyle BergerRadio channel(s) to be monitored by vessel: 16**Section 5: Survey Equipment Characteristics and Safety Zones.**

Equipment type	Reson T-20 Multibeam Echosounder
Frequency	400 kHz
Source level (dB re 1 uPa at 1 m [rms and peak])	211 dB (peak)
Number of beams	512
Across and along track beamwidth	Across = Tx 1.5°; Along = Rx 1.5°
Pulse rate/length	rate=40 Hz (21ms); length = 225 ms
Rise time	0.05 ms, 165 sec
Source depth	10-20 m
Tow speed	n/a
Cable tow length	n/a

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	
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Source depth	
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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.

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, survey area is located over 30 miles away from nearest pinniped haul-out site.
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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).

No, survey area is not located near or within a MPA. The nearest MPA is over 5 miles away to the north at the Dana Point State Marine Conservation Area.

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.

N/A

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>).

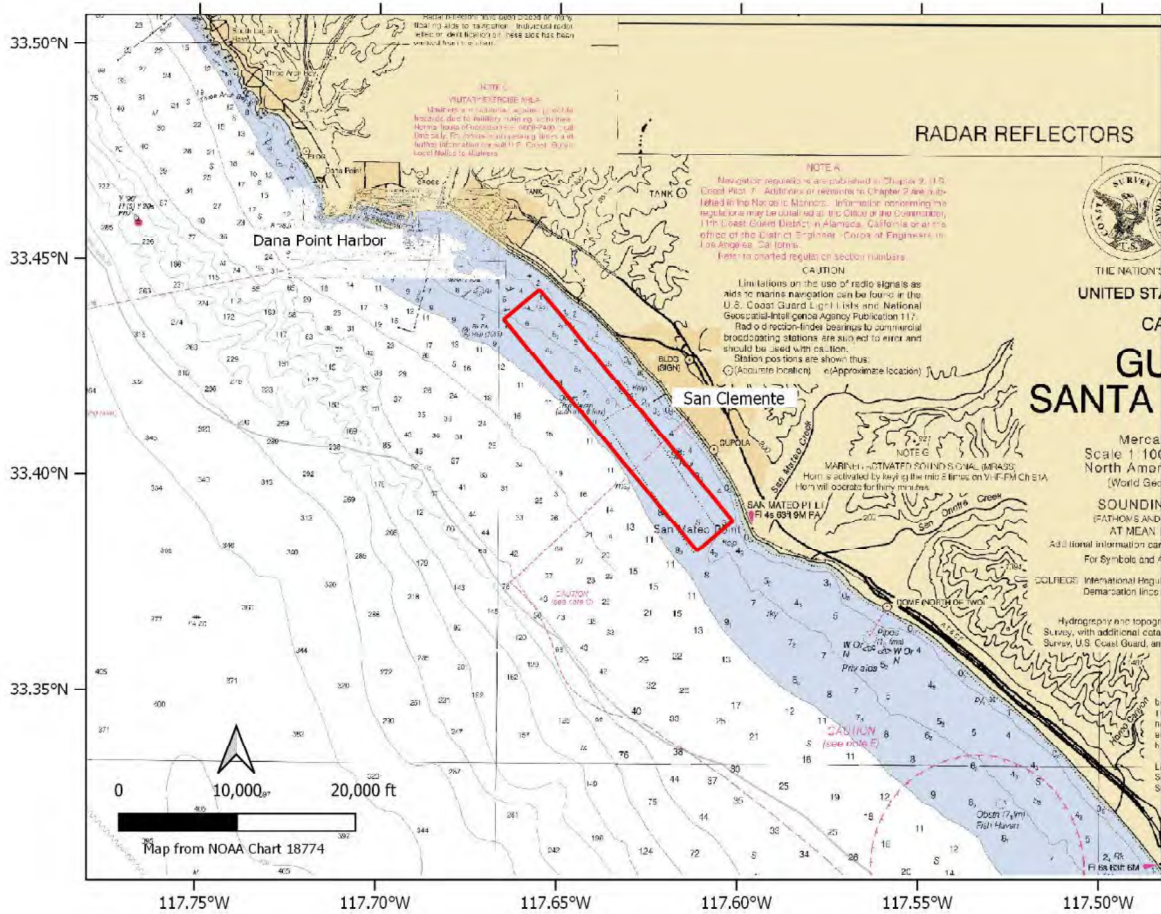


Figure 1. Map showing location of the proposed geophysical survey offshore of San Clemente at Wheeler North Reef. The survey area is shown in the red box. The survey will be conducted approximately 2,000 ft. from shore.