

**Permittee's Contact Information:**

eTrac Inc.  
637 Lindaro Street, Suite 100  
San Rafael, CA 94901

Permit #: 9235

**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): 9/18/2024 - 11/30/2024

Number of survey days (approximate): 20 (MBES 10 days, Oculus 10 days)

Survey location: Santa Barbara, CA

Hours of operation: 08:00 and 18:00

Survey purpose/objective:

Marine infrastructure inspection survey.

**Section 4: Vessel Details.**

Vessel name: Taku

Vessel official number: CF 3078 UK

Vessel captain's name: Anthony Salas, Chris Fernandes

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

**Section 5: Survey Equipment Characteristics.**

<b>Equipment type</b>	Multibeam Sonar R2Sonic 2024
Frequency	400 khz
Source level (dB re 1 uPa at 1 m [rms and peak])	Peak 209dB
Number of beams	256
Across and along track beamwidth	1° x 1°
Pulse rate/length	50hz, Length 120 sec
Rise time	0.05ms
Source depth	Vessel Mounted
Tow speed	4kt
Cable tow length	NA

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<b>Equipment type</b>	Oculus Sonar
Frequency	2100 khz
Source level (dB re 1 uPa at 1 m [rms and peak])	190db
Number of beams	512
Across and along track beamwidth	0.4
Pulse rate/length	40hz
Rise time	0.05ms
Source depth	0-50 ROV Mounted
Tow speed	0.5knt
Cable tow length	50 ft

<b>Equipment type</b>	
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 < 200 kHz, 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).

Yes.

Carpinteria haul-out site site. Approximately 0.2 miles to the east of closest survey boundary.

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

No.

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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: Contact Information.** If you foresee potential interference with commercial fishing or other activities, please contact the person(s) listed below:

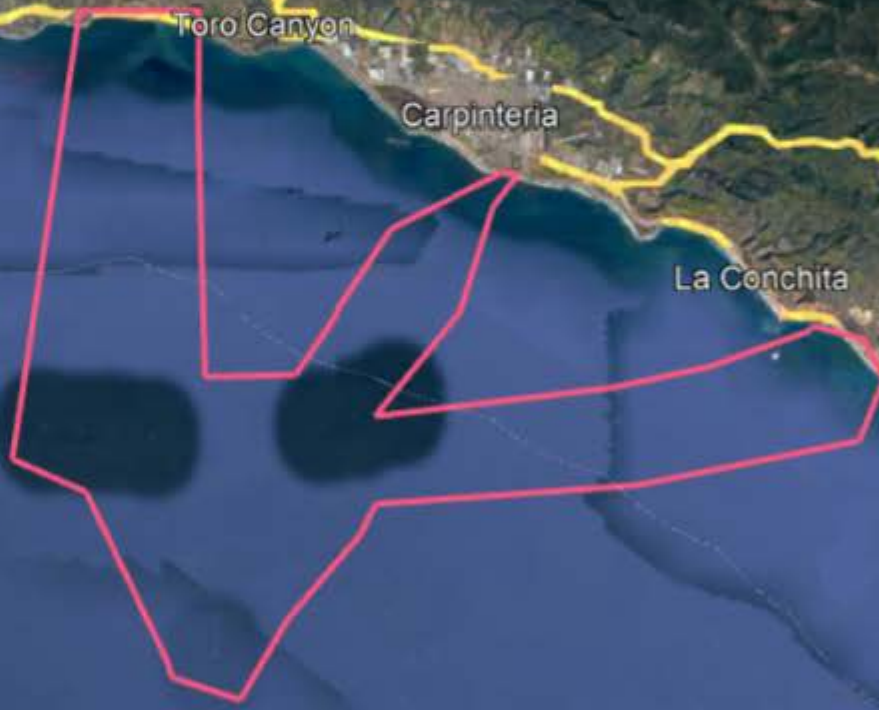
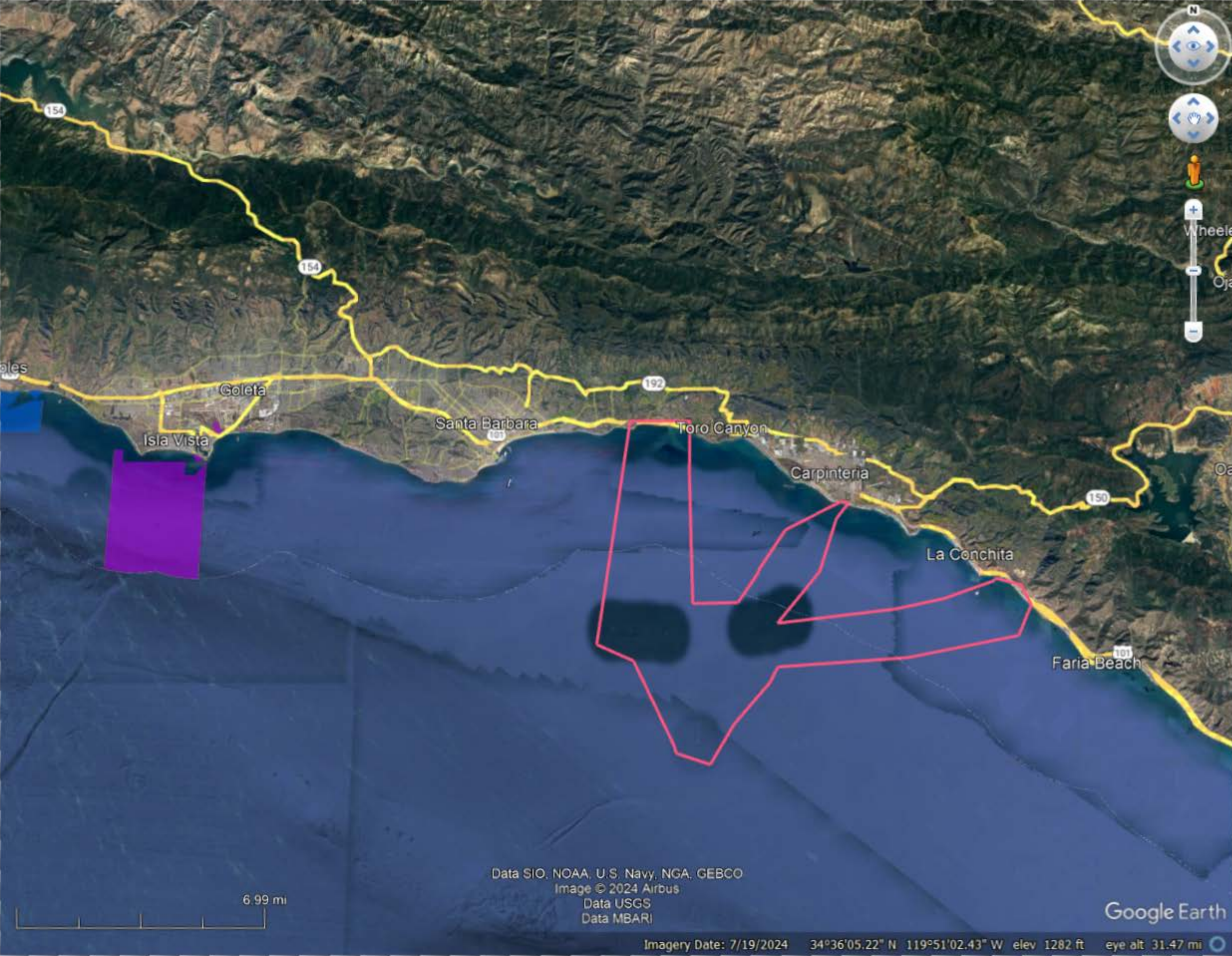
**Commission Representative**

Email: [slc.ogpp@slc.ca.gov](mailto:slc.ogpp@slc.ca.gov)  
Phone: (916) 574-1938

**Bureau of Ocean Energy Management Representative (If Applicable)**

NA





6.99 mi

Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
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Data USGS  
Data MBARI

Google Earth

Imagery Date: 7/19/2024 34°36'05.22" N 119°51'02.43" W elev 1282 ft eye alt 31.47 mi