

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
Sector San Francisco

1 Yerba Buena Island  
San Francisco, CA 94130  
Phone: (415) 399-3547  
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16600

OCT 12 2007

Longitude 123, Inc.  
Attn: Mark I. Steffy  
2100 Valley Meadow Drive  
Oak View, CA 93001

Dear Sir:

I have reviewed your anchor waiver request dated October 8, 2007. In your request and subsequent communications regarding your anchorage waiver and barge breakaway contingency plan, you stated that you will be anchored in two different locations during the Pacific Gas and Electric Line 400 San Joaquin River Pipeline Crossing Remediation Project. Based on this review, I am granting you a waiver from Title 33 Code of Federal Regulations (CFR) Section 110.224(a)(1), which prohibits vessels from anchoring outside of designated anchorage areas. This anchor waiver will be in effect from 7:00 a.m. on October 13, 2007, until 5:00 p.m. on October 17, 2007.

This waiver is granted subject to the conditions outlined below:

1. In accordance with your anchor waiver request, a full-time professional marine surveyor shall be utilized throughout the duration of this project. You shall utilize the Differential Global Positioning System (DGPS) 24 hours per day for the duration of your project, which shall feed real-time positioning of the tugboat and derrick barge.
2. Longitude 123 on-scene coordinator, Mark Steffy, shall be readily accessible at (805) 649-9364, and must coordinate operations with the San Francisco Bar Pilots Association through their Operations Pilot at (415) 393-0457 on a daily basis to obtain a forecast of vessel transits through your project area.
3. Depending on the phase of the project, your barges shall be anchored in the following positions:
  - a. The first anchorage area is located approximately 1,800 feet west of the Antioch Bridge approximately 250 and 500 feet north of the southern shoreline of the San Joaquin River. The anchorage area can be defined by forming a box connecting the following coordinates: latitude 38°01'18.37"N and longitude 121°45'30.58"W, latitude 38°01'18.11"N and longitude 121°45'23.08"W, latitude 38°01'11.98"N and longitude 121°45'22.45"W, latitude 38°01'12.43"N and longitude 121°45'31.41"W, and then back to the beginning point.

- b. The second anchorage area is located approximately 1,800 feet west of the Antioch Bridge, approximately 500 feet south of the northern shoreline of the San Joaquin River, within the Stockton Deepwater Channel. The anchorage area can be defined by forming a box connecting the following coordinates: latitude  $38^{\circ}01'47.45''$ N and longitude  $121^{\circ}45'38.15''$ W, latitude  $38^{\circ}01'45.92''$ N and longitude  $121^{\circ}45'17.44''$ W, latitude  $38^{\circ}01'36.33''$ N and longitude  $121^{\circ}45'17.14''$ W, latitude  $38^{\circ}01'36.73''$ N and longitude  $121^{\circ}45'39.26''$ W, and then back to the beginning point.
4. You shall notify the Coast Guard Vessel Traffic Service San Francisco at (415) 399-7410 or VHF 14 daily upon initiation and completion of operations. You are to adhere to these operating conditions, and if your operations require you to deviate from this plan, you must immediately notify Coast Guard Vessel Traffic Service San Francisco at (415) 399-7410 or VHF channel 14.
  5. You shall monitor and answer VHF-FM marine channels 13 and 14 while engaged in this project.
  6. Your vessel(s)/barge(s) and any equipment that is anchored, moored to mooring buoys, or extends into the waterway must be properly marked pursuant to Title 33 of the U.S. Code, section 2001 et al. (Inland Navigation Rules).
  7. Floating obstructions such as buoys shall conform to the characteristics set forth in the standard U.S. system for aids to navigation as per 33 CFR Section 66.01-10.

Mooring buoys are moorings in fixed locations, and should be white with a blue horizontal band and have a flashing four-second white light visible from a distance of 2 miles. A permit for any mooring buoy must be obtained from the District 11 Private Aids to Navigation Manager, Mr. Brian Aldrich, at 510-437-2983.

Anchor marker buoys, should be white with two horizontal orange bands around the buoy with one near the top and the other near the bottom of the buoy. There should also be an orange, vertical diamond shape between the two orange bands to signify danger, and a quick flashing white light visible for 2 miles.

8. Any anchors used during the project shall be recovered from the waterway upon the completion of the project.

Should you have further questions or concerns regarding this approval, contact Ensign Seral Richardson, Sector San Francisco, Waterways Safety Branch, at (415) 399-7436.

Sincerely,



K.W. MOHR  
Lieutenant Commander, U.S. Coast Guard  
Chief, Waterways Management Division  
By Direction

Copy: Commander, Eleventh Coast Guard District (dpw)  
San Francisco Bar Pilots  
San Francisco Marine Exchange  
CG Vessel Traffic Branch San Francisco  
Port of Stockton  
Station Rio Vista