U.S. Department
of Homeland Security
United States
Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 47/15

CORRESPONDENCE TO:
COMMANDER
DISTRICT ELEVEN (DPW)
COAST GUARD ISLAND BUILDING 50-2
ALAMEDA, CA 94501-5100

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2015 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 46th Edition. These publications, along with corrections, are available at: http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm.

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0016-15, SF-0218-15, LA-0168-15, and SD-0132-15 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.uscg.mil/D11/DP/LnmRequest.asp or call BM1 Alfred Albert at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

COAST GUARD LIGHT LISTS-CHANGE IN DISTRIBUTION METHOD

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Effective immediately, the Coast Guard will no longer print hardcopy Light Lists. The last government printed Light Lists were the 2014 editions.

Based on emerging technology and the ability to update Light Lists on a weekly basis, the cost and time for printing the Light List on an annual basis has reached obsolescence. Technology now allows us to provide the Light List in a timelier and less costly manner via the Internet. A Federal Register Notice announcing this change was issued on 1 April 2015. The notice can be viewed at http://www.gpo.gov/fdsys/pkg/FR-2015-04-01/pdf/2015-07501.pdf.

Electronic Light Lists are available on the Coast Guard Navigation Center's (NAVCEN) website at http://www.navcen.uscg.gov/?pageName=lightLists. Complete versions of the Light Lists are updated weekly on the NAVCEN website at http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates. Mariners should download applicable copies and updates as needed. Electronic nautical publications are authorized for use on commercial vessels. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available in the future. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

LNM: 15/15

SUBMITTING REGULATORY AND CONCURRENT PROJECT INFORMATION

Information or requests regarding regulatory items or concurrent projects should be directed to the U.S. Coast Guard Eleventh District Waterways Management Branch at D11waterways@uscg.mil.

LNM: 11/15

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the DelayRept0207.pdf included in the Enclosures section of this Local Notice to Mariners.

AUTOMATIC IDENTIFICATION SYSTEMS-REVISED AIS ENCODING GUIDANCE

U.S. regulations require all Automatic Identification Systems (AIS) to be maintained in effective operating condition, which includes the accurate input and upkeep of all AIS data fields (33 CFR 164.46(d)). The U.S. Coast Guard has developed a Guide, to assist AIS users in performing this task, which provides guidance and examples on how to properly encode each AIS data parameter. See the AIS_Encoding_Guidance.pdf in the enclosure section for more detailed information. The enclosed guide is also available on the U.S. Coast Guard Navigation Center website at http://www.navcen.uscg.gov/AIS.

LNM: 29/15

LOS ANGELES-LONG BEACH-PROPOSED SECURITY ZONE

The Eleventh Coast Guard District invites the public to comment on the proposed establishment of a security zone around any vessel escorted by one or more Coast Guard, state or local law-enforcement assets while in navigable waters encompassing the Captain of the Port Zone, Los Angeles-Long Beach. This action being proposed in the security zone is necessary to protect personnel, vessels and facilities from sabotage or other subversive acts, accidents or events of a similar nature.

The comment period will be open until December 17, 2015. We invite the public to make comments regarding the proposed security zone. Detailed information can be found at the following links:

www.regulations.gov/#!docketDetail;D=USCG-2015-0880 or www.regulations.gov, followed by a search for USCG-2015-0880

Please contact the Coast Guard Sector Los Angeles – Long Beach Waterways Management Division at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil for any questions regarding this security zone.

Chart 18022

LNM: 42/15

MARINE SAFETY INFORMATION BULLETIN

The Harbor Safety Committee of the San Francisco Bay Region adopted a proposal to estalish anchorage berthing schemes in general anchorages 7, 8, and 8A. These berthing schemes will provide more efficient use and greater predictability of the available space in these anchorages. All existing regulations governing the use of these anchorages remain in effect. Vessels using these anchorages should strive to let go their anchor in the center of the drop bucket. For more details or comments contact Sean Kelley Sector San Francisco VTS Director at 415-399-7402. For additional information see MSIB 15-07.pdf in the enclosure section.

LNM: 47/15

MARINE SAFETY INFORMATION BULLETIN

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity work-lights used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation lights at night and in low visibility conditions. A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. For additional information please see CFV Work lights MSIB.pdf in the Enclosures Section.

LNM: 34/15

MARINE SAFETY INFORMATION BULLETIN

Some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa, and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach. Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so. For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

LNM: 43/09

SAN FRANCISCO BAY-OAKLAND HARBOR-WAMS ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of Oakland Harbor Entrance Channel, Oakland Inner Harbor, and Oakland Outer Harbor. The WAMS Survey will be active until 01 Jan 16 and can be found by using the following link https://www.surveymonkey.com/r/7RR7HHJ. This Survey seeks to obtain data on the effectiveness of the system of Aids to Navigation in Oakland Harbor as well as other waterway safety concerns. The Coast Guard will use this information to ensure that the aids are serving their intended purpose. The Coast Guard also uses the concerns of waterways users to assist with other or future waterway management decisions. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area are welcome to participate by submitting a user survey. To receive further information contact Mickey Price at 415-399-7442 or Mickey.T.Price@uscg.mil.

LNM: 47/15

SAN FRANCISCO BAY-WAMS ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of San Francisco Bay from the Golden Gate Bridge east to and including the Oakland-San Francisco Bay bridge and north to Richmond-San Rafael Bridge (not including South Hampton Shoal or Richmond). The WAMS Survey will be active until 01 Jan 16 and can be found by using the following link https://www.surveymonkey.com/r/DJ9NLHW. This Survey seeks to obtain data on the effectiveness of the system of Aids to Navigation in San Francisco Bay as well as other waterway safety concerns. This Coast Guard will use this information to ensure that the aids are serving their intended purpose. The Coast Guard also uses the concerns of waterways users to assist with other or future waterway management decisions. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area are welcome to participate by submitting a user survey. To receive further information contact Mickey Price at 415-399-7442 or Mickey.T.Price@uscg.

LNM: 47/15

U.S. COAST GUARD NAVIGATION RULES

Changes to the U.S. Coast Guard August 2014 Navigation Rules and Regulations Handbook are now available. See NAVRULESCorrectionsLNM.pdf in the enclosure section for more details.

LNM: 39/15

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard began AIS Application Specific Message (AIS-ASM) testing. The test transmissions occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words “USCG TEST” within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI’s=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text “USCG TEST”. For further information on AIS messages, DACs, and FI’s visit http://www.navcen.uscg.gov/?pageName=AISMessages

LNM: 31/15

Vessel Traffic Service Study

The National Transportation Safety Board’s Safety Research Division is conducting a study to assess the effectiveness of Vessel Traffic Service (VTS) systems operated by the U.S. Coast Guard and is seeking feedback from waterway users that operate within a U.S. Coast Guard VTS Area. For directions on how to provide feedback, please go to http://www.ntsb.gov/safety/safety-studies/Pages/VTS_Safety_Study.aspx or call (202) 314-6175.

LNM: 43/15

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	OFF STA	18022	SD-0103-15	37/15	
5	Point Loma Light	REDUCED INT	18773		52/14	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1500	San Diego Bay Entrance Range Front Light	DAYMK DMGD	18773	SD-0062-15	24/15	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
4245	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
4245	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18652	SF-0153-15	34/15	
5410	San Francisco Bay North Channel Lighted Buoy A	TMK MISSING	18649		44/15	

5860	San Rafael Creek Light 7	LT IMCH	18652	SF-0176-15	41/15
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14
6325	Suisun Bay North Channel Light 2	TRLB/STRUCT DMGD	18657	SF-0004-14	01/14
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13
6630	New York Slough Light 7	TRLB/STRUCT DMGD	18659	0468-13	42/13
6645	New York Slough Light 11	TRLB/STRUCT DEST	18659	SF-0014-14	02/14
6760	San Joaquin River Light 25	STRUCT DMGD	18660	SF-0083-15	21/15
6855	San Joaquin River Light 46	TRLB/STRUCT DMGD	18660	0351-13	32/13
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15
7510	Sacramento River Deep Water Ship Channel Light 67	TRLB/DAYMK MISSING	18662	0565-13	50/13
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
370	Point Bonita Light	WATCHING PROPERLY	18649	SF-0218-15	47/15	47/15
4185	San Francisco Main Ship Channel Lighted Buoy 6	WATCHING PROPERLY	18649	SF-0195-15	44/15	47/15
4220	Point Bonita Light	WATCHING PROPERLY	18649	SF-0218-15	47/15	47/15

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4303.1	San Francisco Marina West Basin Light 2	LT EXT	18650	SF-0193-15	44/15	
4305	San Francisco East Yacht Harbor Light 2	LT EXT	18650	SF-0212-15	46/15	
4401	Richardson Bay Daybeacon 8	DAYMK IMCH	18653	SF-0125-15	29/15	
4411	Richardson Bay Daybeacon 20	DAYMK IMCH	18649	SF-0126-15	29/15	
4576	South Beach Harbor North Entrance Light 2	LT EXT	18650	SF-0207-15	46/15	
4578	South Beach Harbor South Entrance Light 1	LT EXT	18650	SF-0208-15	46/15	
4579	South Beach Harbor South Entrance Light 2	LT EXT	18650	SF-0209-15	46/15	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
275	NOAA Environmental Lighted Buoy 46028	DISCONTINUED	18700		45/15	
296	NOAA Environmental Lighted Buoy 46044	DISCONTINUED	18680	SF-0068-15	18/15	

448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15
6760	**San Joaquin River Light 25**	**DISCONTINUED FOR DREDGING**	**18660**		**47/15**

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

None

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s) **Project Date** **Ref. LNM**

None

Advance Notice(s)

LA/LB-LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Vicente Light (LLNR 170) to an LED with a 14nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18020 18022 18740 18746 LNM: 34/15

LONG BEACH-SANTA CATALINA ISLAND-LED CONVERSION

The U.S. Coast Guard is planning to change Ship Rock Light (LLNR 2635) to an LED with a 5nm range. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18020 18022 18740 18746 18757 LNM: 43/15

SACRAMENTO RIVER-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Sacramento River Deep Water Ship Channel Light 67 (LLNR 7510). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18662 LNM: 33/14

SAN FRANCISCO BAY-AIS UPGRADE

The U.S. Coast Guard is planning to add a Physical AIS (Automatic Identification System) to the following aids:

Shouthampton Shoal Channel Lighted Buoy 1 (LLNR 5640)
Shouthampton Shoal Channel Lighted Buoy 2 (LLNR 5645)

A Physical AIS will be added onto the existing physical aid to navigation. Vessels with AIS capable systems will be able to see the symbology and other information on their displays. For more information about AIS, Mariners can go to the U.S. Coast Guard Navigation Center website page http://www.navcen.uscg.gov/?pageName=AISmain.

Charts: 18649 18652 18653 LNM: 40/15

SAN FRANCISCO BAY-CARQUINEZ STRAIGHT-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Carquinez Light 22 (LLNR 6235). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18652 18656 18657 LNM: 09/15

SAN FRANCISCO BAY-LED CONVERSION

The U.S. Coast Guard is planning to change San Francisco Approach Lighted Whistle Buoy SF (LLNR 360) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18007 18020 18022 18640 18645 18649 LNM: 07/15

SAN JOAQUIN RIVER-AID ESTABLISHMENT

The U.S. Coast Guard is planning to permanently establish a lighted buoy on the east side of San Joaquin River across from San Joaquin River Light 56 (LLNR 6890). This aid will be established at approximate position: 38-04-07.54N 121-33-31.76W. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18660 18661 LNM: 16/15

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s)	Closing	Docket No.	Ref. LNM
None			

Proposed Change Notice(s)

None

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

ALAMITOS BAY-MARINE EVENT

The Naples Improvement Association will sponsor the Naples 69th Annual Holiday Boat Parade from 1800-2200 on 12 Dec 15. The parade route is within Alamitos Bay and will involve approximately 100 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18749 LNM: 46/15

ARIZONA-LAKE HAVASU-MARINE EVENT

The Lake Havasu Christmas Boat Parade consists of 50 boats of various sizes will take place from 1700-2100 on 04-05 Dec 15. The parade route starts in Thompson Bay, then proceeds north through the Bridgewater Channel, circles in front of the Windsor State Beach, then heads south through the Bridgewater Channel, and finishes in Thompson Bay. Mariners are requested to transit the area with caution, and share the waterway with event participants. For more details or comments contact Tammy Kastelz at 928-486-4159.

LNM: 47/15

CALIFORNIA COAST-WHALES

NOAA is asking for the public's help in tracking whales. If you see whales, record the date and location, number of whales, species (if known) and a description of the animals. Please email the information to whales@noaa.gov.

Please report collisions with whales, any observed injured whales, or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16.

Whales are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

Charts: 18007 18022 LNM: 49/14

CHANNEL ISLANDS HARBOR-MARINE EVENT

CHANNEL ISLANDS HARBOR-MARINE EVENT

The Channel Islands Harbor Foundation will sponsor Channel Islands Harbor Parade of Lights from 1900-2100 on 12 Dec 15. The parade route is within Channel Islands Harbor and will involve approximately 40 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18725 LNM: 46/15

DANA POINT-MARINE CONSTRUCTION

Dana Point Shipyard will be conducting marine construction in Dana Point Harbor at 33-27-37.85N 117-41-27.29W until April 2016. The operation consists of replacing existing docks and travel lift runway piers. Barge BMI-01 will be on site monitoring VHF-FM Chan. 16 and 78. Mariners are requested to transit the area with caution. For more details or comments contact Adam Gale at 949-347-2780.

Chart 18746 LNM: 45/15

DANA POINT-MARINE EVENT

The Dana Point Harbor Association will sponsor the Dana Point Harbor Boat Parade of Lights from 1930-2130 on 11-12 Dec and 18-19 Dec 15. The parade route is within Dana Point Harbor and will involve over 65 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18746 LNM: 46/15

DELTA & RIVERS-CARQUINEZ STRAIT-AMPORT BENICIA PIER-DREDGING

Dutra Construction Company is conducting continuous dredging operations near Amport Benicia Pier at 38-02-30.55N 122-08-01.46W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Wetland, Winters Island, and SF-09 disposal sites. Clamshell dredges DB BEAVER; along with tugs SARAH REED and TROJAN will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18657 LNM: 41/15

DELTA & RIVERS-DISCOVERY BAY-WERNER DREDGER CUT-BRIDGE

ORWOOD RD BRIDGE REPLACEMENT- A temporary orange boom has been placed on the south side of the existing bridge to the north side of the EBMUD pipeline bridge. The piers of the pipeline bridge and the piers of the existing Orwood Rd Bridge will be lighted at night with fixed red lights (see Orwood_Lighting_Diagram.pdf in enclosure section). A 17ft wide navigation channel has been established on the eastern portion of the project site for the transit of vessels. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18661 LNM: 25/15

DELTA & RIVERS-SACRAMENTO-FISH TRAPPING OPERATIONS

Pacific States Marine Fisheries Commission employees will be deploying fish traps from the west levee of the Sacramento River along South River Road into the Sacramento River until 31 May 16. Seven traps will be deployed between the upstream confluence of the Deep Water Channel and the Sacramento River, West Sacramento, CA, and the Freeport Bridge, Freeport, CA. Traps are fished within 45ft of the water/levee interface and so are not in the main navigation area of the river channel. The trap sites will be marked with two can buoys labeled danger and marked with reflective tape within 100ft of the trap location. The traps will be marked with a pair of crab trap buoys anchored to the trap itself to help mariners identify and avoid the specific trap location. CDFW Research vessels 22ft North River skiff and a 23ft Sea Ark skiff will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For further comments or details contact Brian Poxon at 916-372-1600 or Jonathan Nelson at 916-445-4506 or 916-708-2333.

Chart 18661 LNM: 44/15

DELTA & RIVERS-SAN JOAQUIN RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct maintenance dredging operations in Stockton Deep Water Ship Channel between 37-58-10N 121-22-19W and 37-57-07N 121-20-04W until 08 Dec 15. The dredged material will be placed at the Roberts I dredge material placement site. Vessel DREDGE 8 will be on site monitoring VHF-FM Chan. 13, 16, and 79. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7436.

Chart 18661 LNM: 47/15

DELTA & RIVERS-SAN JOAQUIN RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct maintenance dredging operations in Stockton Deep Water Ship Channel between 38-01-20N 121-48-28W and 38-05-17N 121-40-47W until 13 Dec 15. The dredged material will be placed at the following disposal sites:

Antioch Dunes DMPS
Scour Pond DMPS
McCormack DMPS
Bradford DMPS

Vessel DREDGE 8 will be on site monitoring VHF-FM Chan. 13, 16, and 79. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7436.

Chart 18661 LNM: 42/15

DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE

STATE ROUTE 160 DRAWBRIDGE- A containment system is installed on the underside of the non-movable sections of the drawbridge, reducing vertical clearance by 04ft until 14 Jul 16. The containment system is lighted at night with red lights. The drawbridge will operate normally for vessel traffic until 05 Jan 16, when it will be secured closed to navigation and containment reducing vertical clearance by 4ft will be installed across the

DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE

entire bridge. The lift span is scheduled to resume normal operation by 10 Apr 16. A drawbridge operator will remain on the bridge to communicate with mariners. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 44/15

DELTA AND RIVERS-SACRAMENTO-BRIDGE LIGHTING

The downstream west channel center span green light on the Hwy 50 Pioneer Bridge is extinguished. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18662 LNM: 47/15

ESTERO BAY-CAYUCOS-MARINE CONSTRUCTION

Associated Pacific Constructors Inc. will conduct marine construction at the Cayucos Pier in Cayucos, CA until December 2015. The project will consist of rehabilitation of the pier pilings, bracing, and decking. Mariners are requested to transit the area with caution. For more details or comments contact Mark Niggle at 805-234-2925.

Chart 18703 LNM: 39/14

HALF MOON BAY-SURF COMPETITION

Mavericks Surf Competition will conduct a one day competition from 0600-1800 between 01 Nov 15 through 31 Mar 16. During the day of the actual competition, the regulated areas for the Mavericks Surf Competition will be enforced. Except for persons or vessels authorized by the Coast Guard Patrol Commander, no person or vessel may enter or remain within regulated area. Upon the conclusion of the Mavericks Surf Competition, the regulated areas shall terminate. Notice of the specific enforcement date will be announced via Broadcast Notice to Mariners and issued in writing by the Coast Guard in a Boating Public Notice at least 24 hours in advance of competition day. For additional information, see Mavericks Surf Competition.pdf in the enclosure section.

Chart 18682 LNM: 45/15

HUNTINGTON HARBOR-MARINE EVENT

The Huntington Harbour Philharmonic Committee will sponsor the Huntington Harbor Boat Parade from 1600-2300 on 12-13 Dec 15. The parade route is within Huntington Harbor and will involve over 50 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18749 LNM: 46/15

KING HARBOR-MARINE EVENT

The King Harbor Yacht Club will sponsor the King Harbor Holiday Boat Parade from 1630-1930 on 12 Dec 15. The parade route is within King Harbor and will involve approximately 70 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18744 LNM: 46/15

LAKE TAHOE LOW WATER LEVEL

Drought conditions have resulted in unusually low water levels on Lake Tahoe. All mariners transiting upon Lake Tahoe are advised to use extreme caution while navigating within a half nautical mile of shore and near any charted hazards.

Chart 18665 LNM: 25/15

LONG BEACH HARBOR-MARINE EVENT

The Shoreline Yacht Club of Long Beach will sponsor the Shoreline Yacht Club Christmas Boat Parade from 1730-1900 on 19 Dec 15. The parade route is within Shoreline Marina, Rainbow Harbor, and Queensway Bay and will involve approximately 35 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18749 18751 LNM: 46/15

LONG BEACH-ANAHEIM BAY-TEMPORARY BUOY

The U.S. Coast Guard has established a temporary lighted buoy at 33-43-33.809N 118-06-02.318W to mark the end of the damaged Anaheim Bay East Jetty. The buoy displays a FL Red 2.5s characteristic. It will be discontinued when Anaheim Bay East Jetty Light 6 (LLNR 2805) is reestablished. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749 LNM: 48/14

LONG BEACH-DREDGING

Manson Construction Co. will conduct dredging operations at Port of Long Beach Pier J south access until 26 Dec 15. The disposal site will be at Pier S. Derrick barge VALHALLA, VULCAN; along with tugs JEFFREY M and ELMER M will be on site monitoring VHF-FM Chan. 13, 16, and 66. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the dredge site. For more details or comments contact Project Manager Eric Faria at 562-762-5396.

Chart 18751 LNM: 47/15

LONG BEACH-HERMOSA BEACH-SURVEY OPERATIONS

LONG BEACH-HERMOSA BEACH-SURVEY OPERATIONS

EGS Americas Inc survey vessel GEO RESOLUTION will be conducting a cable route survey off of Hermosa Beach, CA until 02 Jan 16. The operation includes the stern deployment of a tethered sonar towfish at varying water depths to collect geophysical/bathymetric data for a proposed undersea cable. The maximum water depth of tow operations will be 1000 meters and the sonar sensor will be towed approximately 20-40 meters from the seafloor. The survey corridor is 500 meters centered on the survey centerline. Operations in water depths greater than 1000 meters will utilize hull mounted equipment. For additional information see Geo Resolution geophysical survey.pdf in the enclosure section. R/V GEO RESOLUTION will monitor VHF-FM Chan. 16 while conducting survey operations. For more details or comments contact Eric Roach of EGS Americas Inc at 772-341-9286 or eroach@egsamericas.com.

Chart 18748 LNM: 46/15

LONG BEACH-MARINE CONSTRUCTION

Connolly-Pacific Co. will conduct repairs to the Middle / Long Beach federal breakwater Mon-Fri during daylight hours until December 2015. Derrick barge LONG BEACH will place armor stone on damaged section of the Middle and Long Beach Breakwater and will use anchors to position itself along the breakwater to keep from the main channel. Tug DURANGO and derrick barge LONG BEACH will be on site monitoring VHF FM Chan. 13, 16, 73, 78, 79, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18751 LNM: 45/15

LONG BEACH-MIDDLE HARBOR-DEMOLITION

As part of the Middle Harbor Pier E Slip 1 Fill and D28 Demolition project, Manson Connolly Joint Venture (MCJV) has constructed an underwater containment dike in the East Basin of Middle Harbor at the Port of Long Beach. This dike is marked by two 5ft diameter yellow buoys placed approximately 200ft off of the centerline of the dike in 42.5ft of water. The dike will remain in place until further notice. See Long Beach Containment Dike.pdf in the enclosures section for a detailed diagram of dike layout. For more details or comments contact Project Manager Randy Maddox at 206-303-7186.

Chart 18751 LNM: 40/14

LOS ANGELES-MARINE CONSTRUCTION

Manson Construction Company is conducting redevelopment operations at pier 214-220 Port of Los Angeles until September 2017. The project consists of installing a temporary access and floating platform at pier 224 extending 30ft from wharf face. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Randy Maddox at 206-303-7186 or Bryan Haynes at 562-983-2368.

Chart 18751 LNM: 40/15

LOS ANGELES-MARINE CONSTRUCTION

The Port of Los Angeles is conducting pile driving operations to construct six dolphins at Berth 95 Port of Los Angeles until 31 Dec 15. DB-39 will deploy two anchors and crown buoys in the Los Angeles Main Channel at 33-45-00N 118-16-38W and 33-44-93N 118-16-42W and will be monitoring VHF-FM Chan. 13. For more details or comments contact Pile Driver Supervisor Otto Valencia at 310 892-7402.

Chart 18751 LNM: 40/15

LOS ANGELES-MARINE EVENT

The Wilmington Youth Sailing Center will sponsor the Los Angeles Harbor Afloat Parade from 1745-2100 on 05 Dec 15. The parade route is within the Cerritos Channel, East Basin, Main Channel, and West Channel and will involve approximately 60 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18749 18751 LNM: 46/15

LOS ANGELES-WHITE POINT-PIPELINE MAINTENANCE

Aqueos Corporation will be conducting underwater pipeline maintenance off of White Point until 30 Dec 15. The operation will include M/V DANNY C using an underwater remote operated vehicle and barge PTSI being in a 4-point moor while conducting Surface Supplied Diving Operations to install anodes on the LACSD outfalls off of White Point. The M/V DANNY C will monitor VHF-FM Chan. 16 and via cell at 805-895-9005. Mariners are requested to transit the area with caution. For more details or comments contact Jason Smith at 805-205-3156.

Chart 18746 LNM: 40/15

LOWER COLORADO RIVER-PARKER, AZ-MARINE EVENT

Southern California Speedboat Club will sponsor the 69th Annual Thanksgiving Regatta powerboat race from 0600-1800 daily, 27-29 Nov 15. The event will consist of approximately 100 speedboats racing in a closed course circuit in front of the Blue Water Resort and Casino. Mariners are requested to transit the area with caution. For more details or comments contact Ross Wallach at 310-318-4012.

LNM: 46/15

MARINA DEL REY-MARINE EVENT

Marina Del Rey Tournament of Lights, Inc. will sponsor the Marina Del Rey Holiday Boat Parade from 1755-2000 on 12 Dec 15. A fireworks display will take place at 1755. The parade route is within Marina Del Rey Harbor and will involve approximately 80 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18744 LNM: 46/15

MARINA DEL REY–MARINE CONSTRUCTION

Bellingham Marine Industries will be conducting marine construction activities within Basin G, Parcel 47 and 44, and Parcel 55 until 01 Jun 16. Project work will consist of pile driving and floating dock installation. Dock sections and piles will be transported to Basin G from the Marina del Rey Boat Launch Facility. A John S. Meek Barge will be on scene monitoring VHF-FM Chan 16. Mariners are requested to transit the area with caution. For more details or comments contact Mark Secrest at 360-904-0535.

Chart 18748 LNM: 32/15

MONTEREY BAY-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a near shore geophysical survey off of Santa Cruz to Moss Landing from 27 Nov 15 through 31 May 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted two personal watercraft (jet ski). For more details or comments contact Jenny White at 831-460-7485.

Chart 18685 LNM: 46/15

MONTEREY BAY-ROV OPERATIONS

Naval Postgraduate School (www.nps.edu) will be conducting 24/7 autonomous, unmanned maritime vehicle operations until 30 Nov 15. The Spray ocean glider will operate in a trackline between 36-35N 122-00W and 36-41N 121-56W. The glider will be remotely attended by the NPS. The glider is 6ft long with a 3.5ft wing span. The body has an 8 inch diameter and is orange and white with black ID markings. It is buoyancy driven and will be submerged most of the time, however between dives the glider will be at the sea surface for approximately 10-15 minutes communicating with its home base. While communicating, one wing is typically oriented vertically out of the water extending 1.5ft above the surface. Mariners are requested to transit the area with caution. For more details or comments, contact the Naval Postgraduate School Oceanography Department at 831-656-7994 or send email jejoseph@nps.edu.

Chart 18685 LNM: 47/15

MONTEREY BAY-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) is conducting continuous autonomous, unmanned maritime vehicle operations from 01 Dec 15 through 01 Feb 16. The Wave Glider vehicles will operate within 05nm between the following coordinates:

36-50-59.66N 121-58-10.08W
36-58-24.36N 122-17-29.41W
37-41-43.28N 123-00-15.43W

The Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of 1kt, and designed to give way or part if encountered by a vessel. It is a surfboard size, black in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics Operations Center at 408-636-4205 or by email at support@liquidr.com.

Chart 18680 LNM: 47/15

MONTEREY BAY-TEMPORARY RESEARCH BUOY

Monterey Bay Aquarium Research Institute (MBARI) will be deploying a research buoy in Monterey Bay at 36-44-35N 121-52-52W on 07 Dec 15. The research buoy is bright yellow, 8ft diameter, radar reflective and is lighted at night. The buoy will remain on station until approximately 15 May 16. Mariners are requested to transit the area with caution. For more details or comments contact Francois Cazenave at 831-775-1961.

Chart 18685 LNM: 45/15

MORRO BAY-MARINE EVENT

The Rotary Club of Morro Bay will sponsor the Morro Bay Lighted Boat Parade from 1800-2100 on 05 Dec 15. If the event is delayed due to inclement weather, the secondary date will be 12 Dec 15. The parade route is within Morro Bay Harbor and will involve approximately 30 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18703 LNM: 46/15

NAVARRO RIVER-BRIDGE

Caltrans is conducting maintanence on the CA Route 1 bridge. Scaffolding hangs below low steel of the bridge, reducing vertical clearance by approximatley 6 ft. It is anticipated the scaffolding will be removed by 07 Dec 2015. Mariners are requested to use caution when transiting the bridge. For further information contact the Coast Guard Project Manager at (510) 437-3515.

Chart 18620 LNM: 41/15

NEVADA-NYE COUNTY-GPS TESTING

GPS testing will be conducted at the Nye County, NV site with an approximate center point of 37-28-18N 115-54-13W and possible impact radius of 148nm from center point for the following dates and time:

01 DEC 15 0300Z-0600Z
04 DEC 15 1830Z-2200Z
05 DEC 15 0530Z-1000Z
07 DEC 15 1830Z-2230Z
08 DEC 15 0300Z-1000Z, 1830Z-2230Z
09 DEC 15 0300Z-1200Z, 1830Z-2230Z
10 DEC 15 0530Z-1000Z
14 DEC 15 0400Z-0800Z
15-16 DEC 15 1300Z-1200Z

Mariners transiting this area may experience a disruption in their GPS signal. Systems that rely on GPS, such as E-911, AIS and DSC, may be

NEVADA-NYE COUNTY-GPS TESTING

unreliable during the test periods. More information is available on the Coast Guard Navigation Center website WWW.NAVCEN.USCG.GOV. GPS users are encouraged to report any GPS service outages to the Navigation Information service (NIS) at 703-313-5900, or by using the NAVCEN website to submit a GPS problem report. For more details or comments contact the Navigation Information Service (NIS) watch stander at 703-313-5900.

Chart 18020 LNM: 47/15

NEWPORT HARBOR-MARINE EVENT

The Newport Beach Chamber of Commerce will sponsor the 107th Annual Newport Harbor Christmas Boat Parade from 1830-2100 on 16-20 Dec 15. A fireworks display will be launched from Newport Pier at 1815 on 16 Dec 15 and from Balboa Pier at 2100 on 20 Dec 15. The parade route is within Newport Harbor and will involve over 100 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18754 LNM: 46/15

PETALUMA RIVER-BRIDGE

HAYSTACK LANDING RAILROAD BRIDGE REPLACEMENT PROJECT- The swing span and pedestal of the existing being replaced bridge has been removed from the waterway. Construction of fendering, behind the existing fendering, for the replacement bridge is in progress, as well as removal of the being-replaced fenders. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654 LNM: 32/15

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- Temporary cofferdams have been installed around the being-replaced bridge to facilitate the removal of the piers. The temporary cofferdams protrude into the channel approximately 4ft on each side reducing the horizontal clearance down to 92ft. The corners of the temporary cofferdams are lighted at night with steady burning reds lights. Heavy equipment tires are attached to the cofferdams to act as fendering. (See enclosure PetalumaPierCofferdam2 at the end of this notice). Construction of the replacement bridge and demolition of the being-replaced bridge continues Mon-Fri during daylight hours, and should be completed by February 2016. Caltrans has installed cofferdams behind the existing pier protection to facilitate substructure construction. The southeast cofferdam encroaches approximately 1ft into the navigation channel. The southeast and northwest cofferdams protrude upstream and downstream of the existing pier protection and the corners are lighted at night with fixed red lights (see enclosure CofferdamLighting_US101_Petaluma.pdf at the end of this notice). For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654 LNM: 26/13

PORT SAN LUIS-MARINE EVENT

The Port San Luis Fisherman's Association will sponsor the Port San Luis Christmas Boat Parade from 1800-2000 on 12 Dec 15. The parade route is within San Luis Obispo Bay near Harford Pier and will involve approximately 15 vessels. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18704 LNM: 46/15

PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION - The main span of the being-demolished bridge has been removed and falsework removed from the channel.

Two temporary eastern trestles remain in place at the replacement bridge site. The main navigation span of the bridge, between the temporary trestles, provides 48.5ft of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75ft of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Trestle_Lighting_Heim.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities are taking place from 0700 to 1530, Mon-Fri until May 2017. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution.

Chart 18749 LNM: 10/15

SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island(33 CFR 165.1131; 33CFR 165.1141). Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone Incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to $40,000.00. Furthermore, if a mariner holds a Merchant MarinerCredential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 04-15 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 39/15

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE- Scaffolding installed at Span 14-15, west of the west main navigational channel, reduces the vertical clearance by not more than 9ft and is lighted at night with red lights. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18773 LNM: 21/14

SAN DIEGO BAY-MARINE CONSTRUCTION

SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. will conduct marine construction operations at west berth of B Street Pier, Port of San Diego until 04 Apr 16. The work will consist of replacement and upgrade of the fender system at 32-43-02.8N 117-10-36.3W. Crane barge RES 150 will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Randahl Hagen at 619-233-0178.

Chart 18773 LNM: 41/15

SAN DIEGO BAY-MARINE CONSTRUCTION

Precon Marine Inc. will be conducting diving operations from a 80ft x 120ft spud barge in entrance channel to San Diego Bay between buoys 11 and 12 until 01 Apr 16. Specifically the work will be focused on the Magnetic Silencing Range located at 32-40-56N 117-13-48W. The operations consist of divers removing and replacing underwater sensors and cable in the channel just north of buoys 11 and 12. The DB CHESAPEAKE BAY will be on site monitoring VHF-FM Chan. 12 and 16. Mariners are requested to transit the area with caution and notify Precon Marine Tug Captain prior to transit. For more details or comments contact Captain Ingo Schlueter at 340-277-0986 or Matt Miller at 757-439-0216.

Chart 18773 LNM: 42/15

SAN DIEGO BAY-MARINE EVENT

The annual San Diego Bay Parade of Lights consisting of 80 power, sail, and hand powered boats, will take place from 1730-2030 on 13 Dec and 20 Dec 15. The parade route will start near the west side of Shelter Island, proceed to the Coronado Bay Bridge, cross the main shipping channel, and finish in the vicinity of the U.S. Navy Carrier Basin. There is a Coast Guard special local regulation being enforced for the event. Mariners are requested to transit the area with caution, and adhere to the broadcasted special regulation during the event. For more details or comments contact Ralph Longfellow at 619-424-9869.

Chart 18773 LNM: 47/15

SAN DIEGO BAY-SHIPYARD SEDIMENT SITE-DREDGING

R.E. Staite Engineering Inc. will be conducting sediment cleanup and dredging within the North Shipyard portion of the San Diego Shipyard Sediment Site until approximately 31 Mar 16. The project is located in the waterfront portion of San Diego Bay, eastward of 32-41-31N 117-08-51W and 32-41-27N 117-08-58W to the U.S. bulkhead line. Dredges DB PALOMAR, DB POINT LOMA, and RES 180 will be performing dredging operations with tugs KATHA C, KILLEEN and METOLA as well as support vessels JEANNIE R and JOHN DRAKE to assist the material and equipment barges to the work site. All will monitor VHF-FM Chan. 16. Mariners are requested to make arrangements with project vessels prior to passing, and proceed at a no wake speed. For more project details or comments contact Chad Carpenter at 619-233-0178.

Chart 18773 LNM: 34/14

SAN DIEGO TO MONTEREY BAY-DIVE OPERATIONS

The U.S. Navy Undersea Rescue Command (URC) will be conducting continuous diving operations from 29 Nov 15 through 18 Dec 15 at the following positions:

32-44-48N 117-24-54W
32-51-56N 117-26-36W
33-23-25N 118-21-21W
33-23-29N 118-20-02W

The HOS DOMINATOR will be on scene monitoring VHF-FM Chan.16. Mariners are requested to transit the area with caution and directed to maintain a minimum safe distance of 01nm from the dive site, due to risk of entanglement. For more details or comments contact LT Charles Kreuzberger at 619-545-9188.

Chart 18765 LNM: 47/15

SAN DIEGO TO MONTEREY BAY-DIVE OPERATIONS

The U.S. Navy Undersea Rescue Command (URC) will be conducting continuous diving operations until 27 Nov 15 at the following positions:

32-51-56N 117-26-30W
32-23-29N 118-20-04.01W

The HOS DOMINATOR will be on scene monitoring VHF-FM Chan.16. Mariners are requested to transit the area with caution and directed to maintain a minimum safe distance of 01nm from the dive site, due to risk of entanglement. For more details or comments contact LT Charles Kreuzberger at 619-545-9188.

Chart 18765 LNM: 43/15

SAN DIEGO-CORONADO-MARINE CONSTRUCTION

Marathon Construction will conduct pile driving and fender repair operations in the vicinity of Naval Base Coronado at 32-42-24.13N 117-11-13.24W from 30 Nov 15 through 01 Apr 16. The operations include concrete spall repair, pile driving, concrete demolition and fender system repair to wharfs Juliet, Kilo, Mike, November, Oscar, and Papa. Mariners are requested to transit the area with caution. For more details or comments, contact Jon Ruth at 619-962-1480.

Charts: 18772 18773 LNM: 47/15

SAN DIEGO-DEL MAR-LOS PEÑASQUITOS LAGOON-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Work has begun to replace the existing railroad bridge. A temporary bridge has been erected alongside the existing bridge to facilitate construction of the replacement bridge. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765 LNM: 31/15

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Maintenance work has begun on the bridge. A yellow boom will surround the bridge from the southern abutment to pier 27 to the north. Waterway users can transit the bridge north of the yellow boom. Mariners are requested to transit the area with caution. See NCTD enclosure at the end of this announcement for all temporary obstructions to navigation. For further information, mariners can contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765 LNM: 33/15

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 30 Nov 15, in an area bound by the following coordinates:

32-33N 118-25W
32-35N 118-16W
32-35N 117-40W
31-55N 117-40W
31-55N 118-25W
32-33N 118-25W

Mariners are requested to transit the area with caution. For more details or comments contact FACSFAC schedules at 619-545-1757.

Charts: 18740 18762 LNM: 43/15

SAN DIEGO-IMPERIAL BEACH-WAVE MEASUREMENT STATION

Scripps Institutions of Oceanography has deployed a waverider buoy 3.37nm west of Imperial Beach at 32-34-59N 117-12-12W. The buoy is a 3ft diameter sphere with an attached telemetry whip antenna and is lighted with a flashing yellow light. The light timing sequence is a series of 5 flashes at 1 second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032.

Chart 18772 LNM: 40/15

SAN DIEGO-LA JOLLA-RESEARCH BUOY ARRAY

Scripps Institution of Oceanography has deployed an array of research buoys off of Point La Jolla. There are six white spheres and six green cylinders, all submerged to depths varying from 18 inches to 16ft. The array is located within an area marked by yellow, radar reflective surface buoys lighted with a Fl Y 4s characteristic. The surface buoys are located at the following positions:

32-52-54.08N 117-16-09.61W
32-52-52.06N 117-16-14.85W
32-52-39.50N 117-16-20.48W
32-52-28.20N 117-16-08.06W
32-52-30.37N 117-16.02.32W
32-52-43.63N 117-16-01.82W

The buoys will remain on scene until further notice. Mariners are requested to remain clear of the array and transit the nearby area with caution. For more details or comments contact Lisa Hazard at 858-822-2873.

Chart 18740 LNM: 06/15

SAN DIEGO-MARINE CONSTRUCTION

Unified Port of San Diego will be conducting marine construction at 1050 North Harbor, San Diego at 32-42-34 117-10-24 until 17 Feb 16. The operation consists of maintenance work and improvements to the existing 2400 square foot concrete platform deck, install steel railing to the platform, repairs to the concrete pile, and construct concrete topping slab. Mariners are requested to transit the area with caution. For more details or comments contact Michael Stephenson at 858-875-2950.

Chart 18773 LNM: 45/15

SAN DIEGO-OCEANOGRAPHIC OPERATIONS

The Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL will conduct oceanographic operations from 01-05 Dec 15 within the area bounded by the following coordinates:

32-35N 117-02W
33-00N 118-01W

Operations will include mooring operations, hydro-casts and a profiling float (surface to floor) as well as underway sampling using towed sub-surface nets. R/V SPROUL will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Chris Welton at master@rv-sproul.ucsd.edu, or Simone Baumann-Pickering at sbaumann@ucsd.edu.

Chart 18740 LNM: 47/15

SAN DIEGO-SANTA BARBARA-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey off of Goleta to Point Mugu beaches until 31 Mar 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 12nm from shore. At least one survey will be conducted near the beginning of the project period to document end-of-summer near shore bathymetric conditions prior to arrival of winter waves. Up to three additional surveys may be conducted in response to large wave and/or river discharge events if they occur. For more details or comments contact George Tate at 831-460-7484.

Chart 18022 LNM: 36/15

SAN FRANCISCO BAY- CARQUINEZ STRAIT-BENICIA MARINA-DREDGING

Salt River Construction Corporation will conduct dredging operations in Benicia Marina at 38-02-37N 122-09-26W during daylight hours until 30 Nov 15. The self contained dredge/dump barge DB1 and tug HAYDEN BAY will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are

SAN FRANCISCO BAY- CARQUINEZ STRAIT-BENICIA MARINA-DREDGING

requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18657 LNM: 32/15

SAN FRANCISCO BAY-BRISBANE MARINA-DREDGING

Dutra will conduct continuous dredging operations in the Brisbane Entrance Channel and Marina at 37-40-21N 122-22-11W until 30 Nov 15. Dredging within the marina will be limited to the hours of 0700-1900 weekdays and 0900-1700 on weekends. Dredged material will be disposed of at the SF-11 disposal site. A temporary mooring buoy will be established at 37-40-36N 122-21-51W for the duration of the project. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a Fl W 4s characteristic. Clamshell dredges DB 24 and DB 23; along with and tug BECKY T will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 20/15

SAN FRANCISCO BAY-CARQUINEZ STRAIT-BRIDGE

BENICIA/MARTINEZ I-680 HIGHWAY BRIDGE- A 160ft wide paint scaffolding installed in the second over water span from the north bank of the downstream I-680 bridge will remain in position until 31 Mar 16. The scaffolding reduces vertical clearance by approximately 4ft and is lighted at night with red lights. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18657 LNM: 33/15

SAN FRANCISCO BAY-CLIPPER YACHT HARBOR-DREDGING

Dutra will conduct continuous dredging operations in Clipper Yacht Harbor, Sausalito at 37-52-16N 122-29-46W until 30 Nov 15. Dredged material will be disposed of at the SF-10 and SF-11 disposal sites. Clamshell dredge DB 3; along with tugs SEA W and TERRI L. BRUSCO will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 38/15

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652 LNM: 23/15

SAN FRANCISCO BAY-DREDGING

Salt River Construction will conduct dredging operations in the Paradise Cay Homeowners Channel at 37-54-53N 122-28-32W until 30 Nov 15. The dredge/dump barges DB1 and DB2, along with tug IRENE LAURITZEN will monitor VHF-FM Chan. 13, 14, and 77. There will be a 150ft silt curtain extending to the north from the Trinidad Drive Spit. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 28/15

SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION

Dutra will conduct pile driving and concrete work on the south side of Islais Creek between the Illinois St. Bridge and the Third St. Bridge during daylight hours until April 2016. Crane barge KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Valerie Daley at 415-686-9417.

Chart 18650 LNM: 48/14

SAN FRANCISCO BAY-LARKSPUR CREEK-DREDGING

Salt River Construction is conducting dredging operations in Larkspur Creek Homeowner Channel at 37-56-26.21N 122-31-07.72W until 30 Nov 15. The self-contained dredge/dump barge DBI and tug IRENE LAURITZEN will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18649 LNM: 41/15

SAN FRANCISCO BAY-LARKSPUR-DREDGING

Dutra will conduct continuous dredging operations in the Larkspur Ferry Terminal Berths and Larkspur Channel at 37-56-41N 122-30-29W until 30 Nov 15. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a Fl W 4s characteristic. Dredging within the berths will be limited to the hours of 0700-2100. Dredged material will be disposed of at the SF-11 and SF-DODS disposal sites. Clamshell dredges DB 24 and DB 3; along with tugs ARTHUR BRUSCO and HEIDI L will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 25/15

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

Shoaling has been reported on the south side of the Oakland Inner Harbor South Channel in the east passage through the Fruitvale Ave. Bridge. Mariners are requested to transit the area with caution and report any observed changes in shoaling conditions to the San Francisco VTS on VHF-FM Chan. 14. For more details or comments contact U.S. Coast Guard Sector San Francisco Waterways Management at 415-399-7443.

Chart 18652 LNM: 16/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Oakland until 30 Nov 15 . Dredged material will be disposed of at the Montezuma Upland disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED, POINT VICENTE, PHYLLIS T, and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Oakland Inner and Outer harbor Channels at 37-55-19N 122-24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 along with tugs SARAH REED, ARTHUR BRUSCO, HEIDI L. BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-SUNKEN VESSEL

A sunken 56ft vessel has been reported in the vicinity of 5th Ave. Marina, Oakland at 37-47-18.91N 122-15-51.60W. Approximately 2ft to 4ft of the vessel's mast is out of the water and also marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18652 LNM: 39/15

SAN FRANCISCO BAY-REDWOOD CITY-DREDGING

R.E. Staite Engineering Inc. will be conducting continuous dredging operations in the Port of Redwood City at 37-32-12.25N 122-11-24.45W until 14 Jan 16. Dredged material will be disposed of at the SF-DODS disposal site and/or Montezuma disposal site. Clamshell dredges DB 24 and PALOMAR; along with tugs ARTHUR BRUSCO and HEIDI L will be on site monitoring VHF-FM Chan. 13, 14, 16, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Walt Jellison at 619-233-0178.

Chart 18651 LNM: 45/15

SAN FRANCISCO BAY-REDWOOD CITY-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Redwood City at 37-30-44.83N 122-12-39.45W until 30 Nov 15. Dredged material will be disposed of at the SF-DODS disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tug BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18651 LNM: 44/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Manson Construction Co. is conducting continuous dredging operations at Terminal 2 in Port of Richmond Inner Harbor at 37-54-53.33N 122-21-43.28W until 30 Nov 15. Dredge VALHALLA will be on site monitoring VHF-FM Chan. 12, 13, 14, and 16. Dredged material will be disposed of at the SF-DODS disposal site. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dredge site. For more details or comments contact Project Manager Eric McMann at 510-774-8396.

Chart 18649 LNM: 45/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Dutra Construction Company will be conducting dredging operations near Chevron Long Wharf at 37-55-19N 122 24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18652 LNM: 35/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Manson Construction Co. is conducting continuous dredging operations in Richmond Channel at 37-54-14.71N 122-22-30.18W until 16 Jan 16. Tug PETER M; dredge VALHALLA; derrick barge NJORD; along with 02 scows FREEPORT and SOUTHPORT will be on site monitoring VHF-FM Chan. 12, 13, 14, 16, and 66. Dredged material will be disposed of at the SF-DODS disposal site. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dredge site. For more details or comments contact Project Manager Eric McMann at 510-774-8396.

Chart 18649 LNM: 44/15

SAN FRANCISCO BAY-SAN FRANCISCO FERRY TERMINAL-CONSTRUCTION

Manson Construction will be installing a marine barrier in the vicinity of San Francisco Ferry Plaza at 37-47-49N 122-23-21W until 30 Aug 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18650 LNM: 37/15

SAN FRANCISCO BAY-SAN FRANCISCO MARINA-SHOALING

Shoaling has been reported extending from the south side of the North Jetty at the entrance to San Francisco Marina. An unlighted white buoy has been established at 37-48-30N 122-26-23W in 9ft of water to mark the shifting shoal. The northern entrance is subject to rapid shoaling and should be avoided due to unknown depths. It is recommended that vessels transiting the marina enter and exit from the south side of the floating wave attenuator. Mariners are requested to transit the area with caution. For more details or comments contact Lawrence O'Donnel at 415-831-6322.

Chart 18649 LNM: 11/15

SAN FRANCISCO BAY-SAN FRANCISCO-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of San Francisco Pier 35 at 37-48-35N 122-24-19W until 30 Nov 15. Dredged material will be disposed of at the SF-DODS disposal site. Clamshell dredges DB 24 and DB PALOMAR; along with tugs ARTHUR BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18650 LNM: 42/15

SAN FRANCISCO BAY-SAN RAFAEL-DREDGING

Salt River Construction is conducting dredging operations in San Rafael Canal at 37-58-13N 122-29-58W until 30 Nov 15. An anchor ball has been placed outside of the entrance channel at 37-58-12.71N 122-29-58.64W. The self-contained dredge/dump barges DBI, PC-1000, DB4, and tugs HAYDEN BAY and IRENE LAURITZEN will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18652 LNM: 40/15

SAN FRANCISCO BAY-SOUTH BAY-POWER LINE REPAIR

Power line repairs will be conducted near the Dumbarton Bridge at 37-30-39N 122-06-46W from 0730 to 1800 daily until 31 Jan 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18651 LNM: 34/15

SAN FRANCISCO BAY-SUISUN BAY

A 500ft section of unlighted floating dock has been reported adrift in Spoonbill creek between Van Sickle Island and Chips Island. Mariners are requested to transit the area with caution and report any sightings to the San Francisco Vessel Traffic Service via VHF-FM Chan. 14.

Chart 18659 LNM: 25/15

SAN FRANCISCO BAY-SUISUN BAY-MARINE CONSTRUCTION

Cherne Contracting Corporation will be conducting marine construction operations on the Tesoro Avon Wharf in Suisun Bay at 38-02-56N 122-05-27W until July 2016. The work will include the construction of a new Berth 1A and replacement of the existing trestle between the wharf and land. Two temporary mooring buoys have been established at 38-03-5.76N 122-06-29.5W and 38-03-51.4N 122-06-32.6W. Derrick barges VANCOUVER and GENERAL; along with multiple flat barges will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Glenn Olson at 253-377-4078.

Chart 18656 LNM: 28/15

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction at the Mare Island Ferry Terminal at 38-06-06N 122-16-08W through April 2016. Project work will consist of pile driving and floating dock installation. Crane barge MORTY or KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake when transiting near the construction site. For more details or comments contact Stephen Hutchison at 415-254-4410.

Chart 18655 LNM: 29/15

SAN FRANCISCO BAY-WEST MARINA BASIN-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in San Francisco West Marina Basin at 37-48-26.11N 122-26-34.85W until 30 Nov 15. Dredged material will be disposed of at the San Rafael Rock Quarry disposal site. Clamshell dredges DB 3 along with tugs SARAH REED and SEAW will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18650 LNM: 43/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI -A Safety Zone has been established from 500 feet west of pier "H" and extends east to the Oakland shoreline. (see 2015-2017 East SFOBB Safety Zone in enclosure section) This safety zone has been established to protect mariners from the dangers associated with pier removal, over-head demolition and debris removal operations of the SFOBB. All vessels passing through the bridge east of YBI should use the "G-H" span, 500 feet west of pier "H" until demolition of the rest of the bridge is complete. Unauthorized persons or vessels will be prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative. Temporary falsework towers have been removed down to the base from span “H” –“I”. Red lights will mark the upstream and downstream portion of the bases until removal. (see temp_falsework.pdf in enclosure section) Barges may be moored to piers “H”, and “I” with the outboard corners lit at night with red lights. (see barge_lighting.pdf in enclosure section.) A 180 X 60 ft crane barge, 220 X 60 ft spud barge and 140 X 70 flexifloat may be anchored on any side of piers “H” and “I” with anchor lines extending up to 700 ft NW, SW, NE, and SE of the moorings. (see Barge_Anchor_Diagram_02.pdf in enclosure section). For details at the work site, mariners may contact Caltrans at 510-385-7084 or the Contractor at 925-250-1298. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650 LNM: 43/08

SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS

The California Department of Water Resources is operating the boat lock from 0700-1700 daily until 31 May 16, and will monitor VHF-FM Chan. 13 during operating hours at the Suisun Marsh Salinity Control Structure maintenance channel at 38-05-36N 121-53-07W. All vessels requiring passage in either direction must use the boat lock. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. Full instructions on passage including an emergency phone number are posted on site. The boat lock is located on the east side of the channel and provides the following clearances: 16ft horizontally; 9ft over the sill at MLLW; 70ft in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed

SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS

yellow lights.

Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can, at times, create currents at the site greater than currents in other areas of Montezuma Slough. Mariners are requested to transit the area with caution. For more details or comments contact Dan Yamanaka at 916-574-0456.

Chart 18656 LNM: 34/15

SAN PABLO BAY-RODEO-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Phillips 66 Marine Terminal at 38-03-22N 122-15-49W until 30 Nov 15. Dredged material will be disposed of at the SF-8 disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18654 LNM: 41/15

SANTA BARBARA-DREDGING

Pacific Dredge Company is conducting dredging operations in Santa Barbara Harbor at 34-24-33N 119-41-18W until 28 Jan 16. Cutterhead dredge LA ENCINA will be connected to a 1000ft long floating pipeline, and a high voltage power cable connects the dredge to shore. Dredge LA ENCINA and work boat KATHLEEN will monitor VHF-FM Chan. 6 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Gary Foster at 805-331-2995.

Chart 18725 LNM: 45/15

SANTA BARBARA-MARINE EVENT

The City of Santa Barbara Waterfront Department will sponsor the Santa Barbara Parade of Lights from 1700-1900 on 06 Dec 15. A fireworks display will be launched from West Beach to conclude the parade. The parade route is within a 3nm radius of the entrance to Santa Barbara Harbor off East Beach and will involve approximately 40 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18725 LNM: 46/15

SANTA MONICA-GEOPHYSICAL SURVEY

Gahagan & Bryant Associates will be conducting a proposed pipeline route survey of off of Santa Monica, CA during daylight hours unitl 27 Nov 15. The survey area extends from the shoreline 2,200ft wide to 2nm offshore. Survey vessel JAB will be towing survey equipment 390ft behind the vessel. Survey vessel JAB and TATI B will monitor VHF-FM Chan. 16 while conducting survey operations. Mariners are requested to transit the area with caution. For more details or comments contact Alan Del Pilar at 562-858-4417 or David Eller at 310-261-1612.

Chart 18744 LNM: 45/15

SOUTHERN CALIFORNIA-SAN DIEGO-SCIENTIFIC RESEARCH

Scripps Institution of Oceanography will be conducting near shore scientific research in the vicinity of south San Diego between the US-Mexico Border and Coronado until 30 Nov 15. The purpose of this research is to study the exchange between the surfzone (where waves break) and the inner-shelf (shallow area just offshore of the surfzone). SIO will periodically release a bright pink dye into the surfzone to quantify the exchange and measure the amount of dispersion of tracers. The dye will be tracked as it spreads using boats, jetskis, and beach instrumentation. SIO has also installed 14 instruments on the seafloor marked by surface floats (12inches long and 4-6 inches diameter white with reflective tape) and/or large yellow cylindrical buoys (24 inches tall and 28 inches diameter). The surface buoys are located at the following positions:

32-35-15.79N 117-11-51.86W
32-38-03.77N 117-11-57.34W
32-34-36.37N 117-08-13.71W
32-37-39.50N 117-08-36.56W
32-40-01.02N 117-12-08.71W
32-35-26.20N 117-09-45.61W
32-35-25.69N 117-08-19.54W
32-35-16.12N 117-08-20.54W
32-35-19.21N 117-08-11.65W
32-35-19.43N 117-08-27.06W
32-36-04.36N 117-08-34.48W
32-36-04.28N 117-08-32.89W
32-38-16.15N 117-09-30.28W
32-38-17.63N 117-09-30.13W

Mariners are requested to transit the nearby area with caution. For more details or comments contact Sarah Giddings at 510-406-4574.

Chart 18740 LNM: 38/15

VENTURA HARBOR-MARINE EVENT

The Ventura Port District will sponsor the Ventura Harbor Parade of Lights from 1900-2000 on 18-19 Dec 15. The parade route is within Ventura Harbor and will involve over 30 vessels. A fireworks display will conclude the parade at 2100 on 18-19 Dec 15. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

VENTURA HARBOR-MARINE EVENT

Chart 18725 LNM: 46/15

VENTURA HARBOR-SHOALING

There has been a report of increased shoaling protruding approximately 25 yds into the channel at mean low water of 12ft bearing 270 magnetic from Ventura Marina South Jetty Light 6 (LLNR 3700). Ventura Marina Buoy 4A has been temporarily established at 34-14-47.068N 119-16-16.055W to mark the shoaling.

Chart 18725 LNM: 43/15

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
2590	SAN NICOLAS ISLAND EAST END LIGHT	33-13-47.111N 119-26-07.379W	Fl W 2.5s	55	5	On post.	Visible from 145° to 005°, partially obscured by hills elsewhere.	47/15
					*			

PUBLICATION CORRECTIONS

None

ENCLOSURES

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

MSIB Voluntary Traffic Lane 11-09.pdf

See link above.

LNM: 09/10

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

LONG BEACH-MIDDLE HARBOR-DEMOLITION

Long Beach Containment Dike.pdf

See link above.

LNM: 40/14

PETALUMA RIVER-BRIDGE

CofferdamLighting_US101_Petaluma.pdf PetalumaPierCofferdam2.pdf

See link above for Cofferdam Lighting Diagram

LNM: 26/13

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

temp_falsework.pdf barge_lighting.pdf Barge_Anchor_Diagram_02.pdf 2015-2017_East_SFOBB_SafetyZone.pdf

See links above to view Safety Zone, Westar crane barge location diagram, temporary falsework lighting, barge mooring diagram, and anchor diagram during demolition.

Chart 18649 LNM: 24/15

WERNER DREDGE CUT-ORWOOD BRIDGE REPLACEMENT PROJECT

Orwood_Lighting_Diagram.pdf

See Link Above

Chart 18661 LNM: 25/15

MARINE SAFETY INFORMATION BULLETION

MSIB 15-07.pdf
See link above.

LNM: 47/15

MARINE SAFETY INFORMATION BULLETIN

CFV Work Lights MSIB.pdf
See link above.

LNM: 34/15

HALF MOON BAY-SURF COMPETITION

Maverick Surf Competition.pdf
See link above.
Chart 18682 LNM: 45/15

CHANGE TO USCG NAV RULES

NAVRULESCorrectionsLNM.pdf
See link above.

LNM: 39/15

SAN CLEMENTE ISLAND SAFETY ZONE

MSSB 04-15 SCI Safety Zone.pdf
See above link.

LNM: 39/15

LONG BEACH-HERMOSA BEACH-SURVEY OPERATIONS

Geo Resolution geophysical survey.pdf
See link above.
Chart 18748 LNM: 46/15

PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE

Trestle_Lighting_Heim.pdf
See Link Above

LNM: 45/11

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

NCTD_RR_Bridge_San_Dieguito_River.pdf
See link above.
Chart 18765 LNM: 33/15

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/.

M.L. Van Houten
U.S. Coast Guard
Waterways Management Branch

U. S. Coast Guard
Sector Los Angeles – Long Beach

MARINE SAFETY INFORMATION BULLETIN 11-09

Los Angeles / Long Beach Harbor Safety Committee
Voluntary Western Traffic Lanes

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

Voluntary Western Traffic Lanes

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as "voluntary western traffic lanes."). The new voluntary western traffic lanes are not approved by the IMO, nor are they approved by any U.S. federal authority, including the U.S. Coast Guard. The LA/LB HSC developed theses lanes as a voluntary measure to promote vessel safety. The Coast Guard is taking separate action to study the increased traffic in this area.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx.

Pacific Missile Test Range, Point Magu

Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact "PLEAD CONTROL" on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact "PLEAD CONTROL", contact "SAN PEDRO TRAFFIC" on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

Whales

Mariners are further reminded that large whales, including Blue, Grey, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Santa Barbara Channel, both within the TSS as well as to the south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

Recreational and Fishing Vessels

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area. Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

Questions

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.

U.S. COAST GUARD
REPORT OF DELAY AT DRAWBRIDGE
PER 33 CFR 117.5

BRIDGE NAME_____ DATE _____

MILE _____ WATERWAY _____

1. Name/ Type of Vessel _____ Direction of Travel _____
2. Vessel Owner (Name) _____
   (Address) _____
3. Name of Pilot (if applicable) _____
   (Address) _____
4. Time vessel signaled for bridge opening _____
5. Location of vessel when signal was given _____
6. Time and location of vessel when delay began _____
7. Method of signal for bridge opening ( ) Radio ( ) Sound ( ) Visual
   (If sound or visual signal was used, specify _____)
8. Time bridge operator acknowledged signal _____
9. Method of bridge operator acknowledgement ( ) Radio ( ) Sound ( ) Visual
   (If sound or visual signal was used, specify _____)
10. Did bridge operator acknowledgement indicate the bridge
    ( ) Could be opened immediately
    ( ) Could not be opened immediately
11. If land traffic crossed the bridge:
    Time land traffic started across the bridge _____
    Time land traffic stopped crossing the bridge _____
    Did land traffic stop on the bridge? _____
    Duration land traffic stopped on the bridge _____
12. Time drawbridge opened for navigation _____
14. Additional comments _____

_____

_____

_____

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

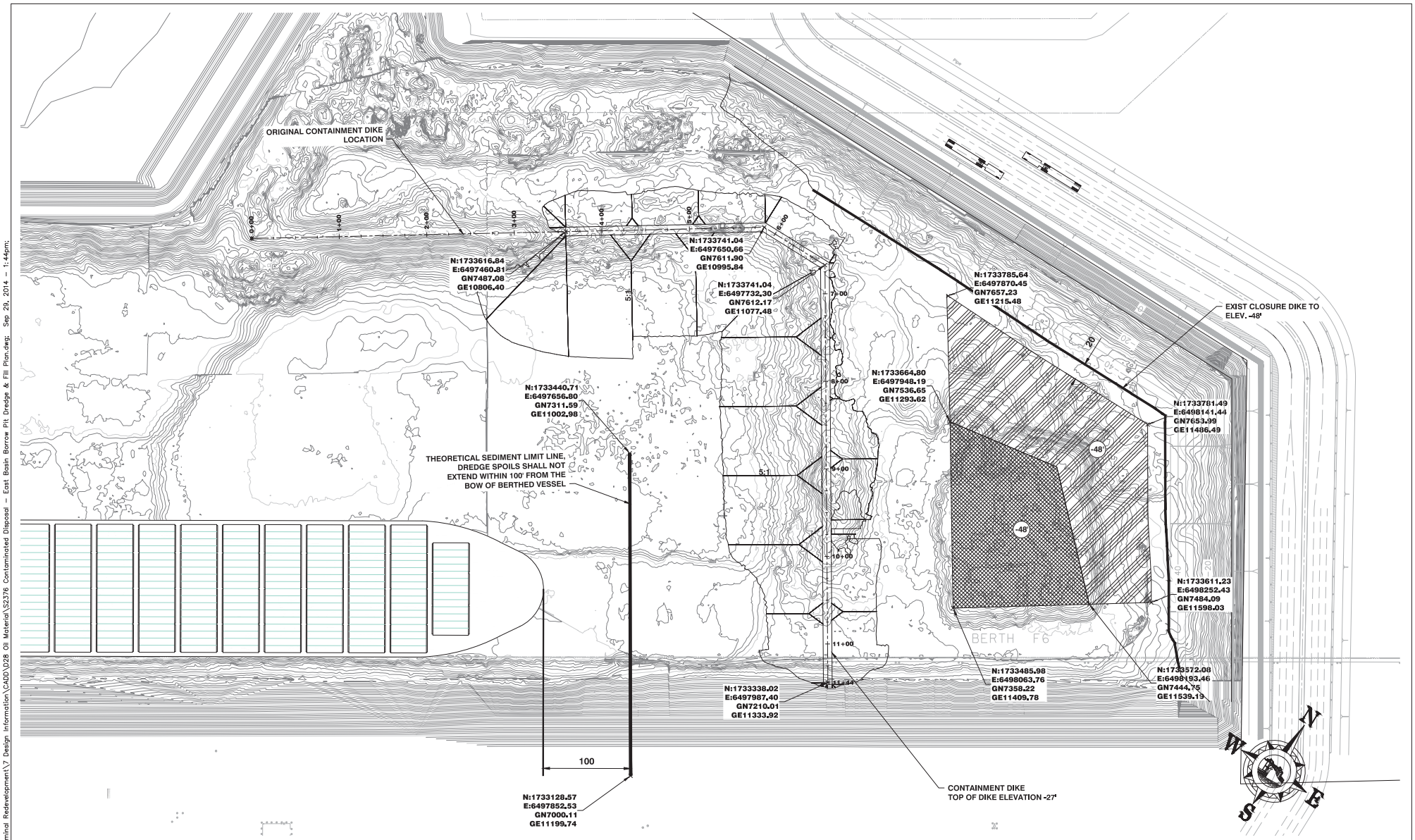
Signature _____

Telephone _____

Mariners may complete and send via fax or mail to:

USCG D11(dpw) Bridge Administration
Building 50-2
Coast Guard Island
Alameda, CA 94501-5100
Cellular: (510) 219-4366, Work Phone: (510) 437-3516
Work Fax: (510) 437-5836

Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11



LEGEND

- (-48') PROPOSED DREDGE DEPTH
- PROPOSED DREDGE LIMITS
- ADDITIONAL DREDGE AREA

NOTE

DATE OF SURVEY 07/23/14, 08/14/14, 08/25/14, & 09/17/14

HORIZONTAL SCALE

50' 0' 50' 100'

SCALE: 1"=50'

The Port of LONG BEACH
925 HARBOR PLAZA, P.O. BOX 570
LONG BEACH, CALIFORNIA
TEL. (562)-437-0041

SEP 23, 2014

PIER E TERMINAL REDEVELOPMENT
SLIP NO. 1 FILL

D28 CONTAINMENT AREA FOR
EAST BASIN BORROW SITE
AND
DISPOSAL AREA

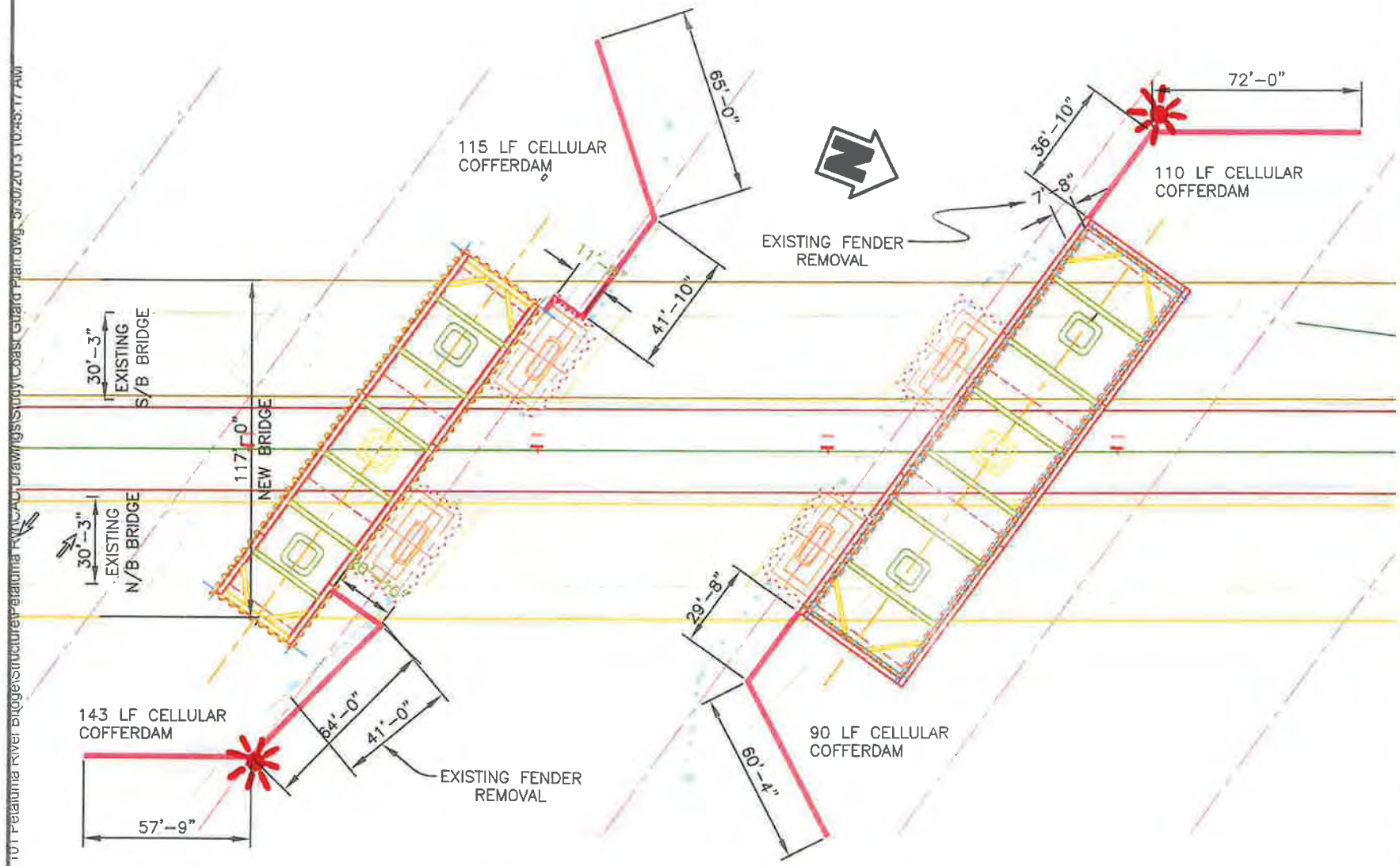
FIG 1 of 1

P:\5469-01 Pier E Terminal Redevelopment\7 Design Information\CADD\D28 Oil Material\S2376 Contaminated Disposal - East Basin Borrow Pit Dredge & Fill Plan.dwg; Sep 29, 2014 - 1:44pm;

Cofferdam Lighting Diagram

Replacement U.S. 101 Highway Bridge, Mile 12.5, Petaluma River

The corners of the northwest and southeast cofferdams shall be lighted at night with steady burning all round red lights, securely fastened, visible at 1,000 yards by approaching vessels.



PLAN
SCALE: 1 : 50

PETALUMA RIVER BRIDGE
COAST GUARD GENERAL PLAN

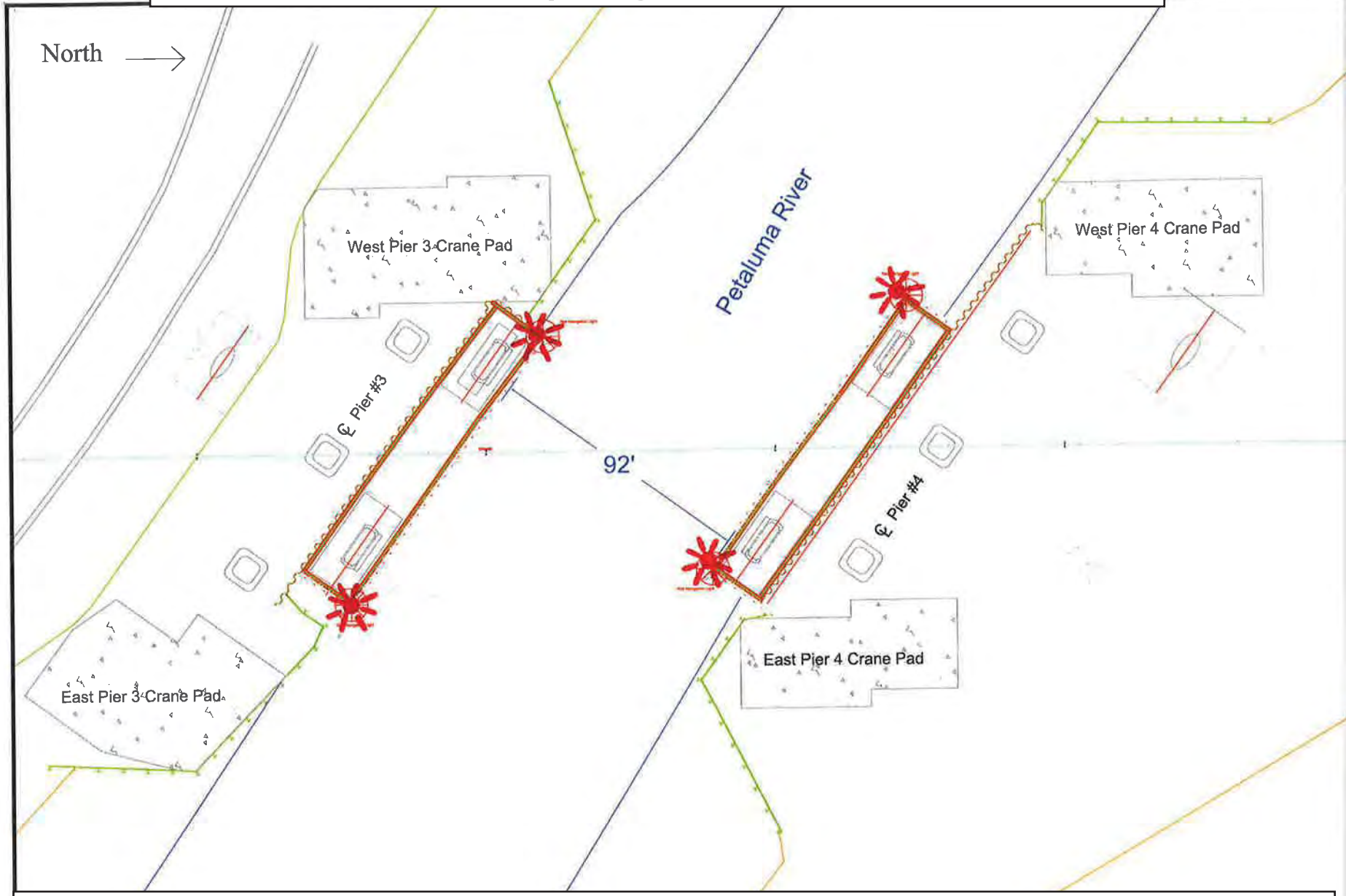
CC MYERS INC.
3286 Fitzgerald Road, Rancho Cordova, CA 95742
P.O. Box 2948, Rancho Cordova, CA 95741
916-635-9370 Fax 916-635-1527

PROJECT: PETALUMA RIVER BRIDE (REPLACE)
MYERS JOB NUMBER: 1204 CONTRACT NO: 04-2640U4

SHEET NUMBER: 1 OF 1 SHEETS
Coast Guard Plan

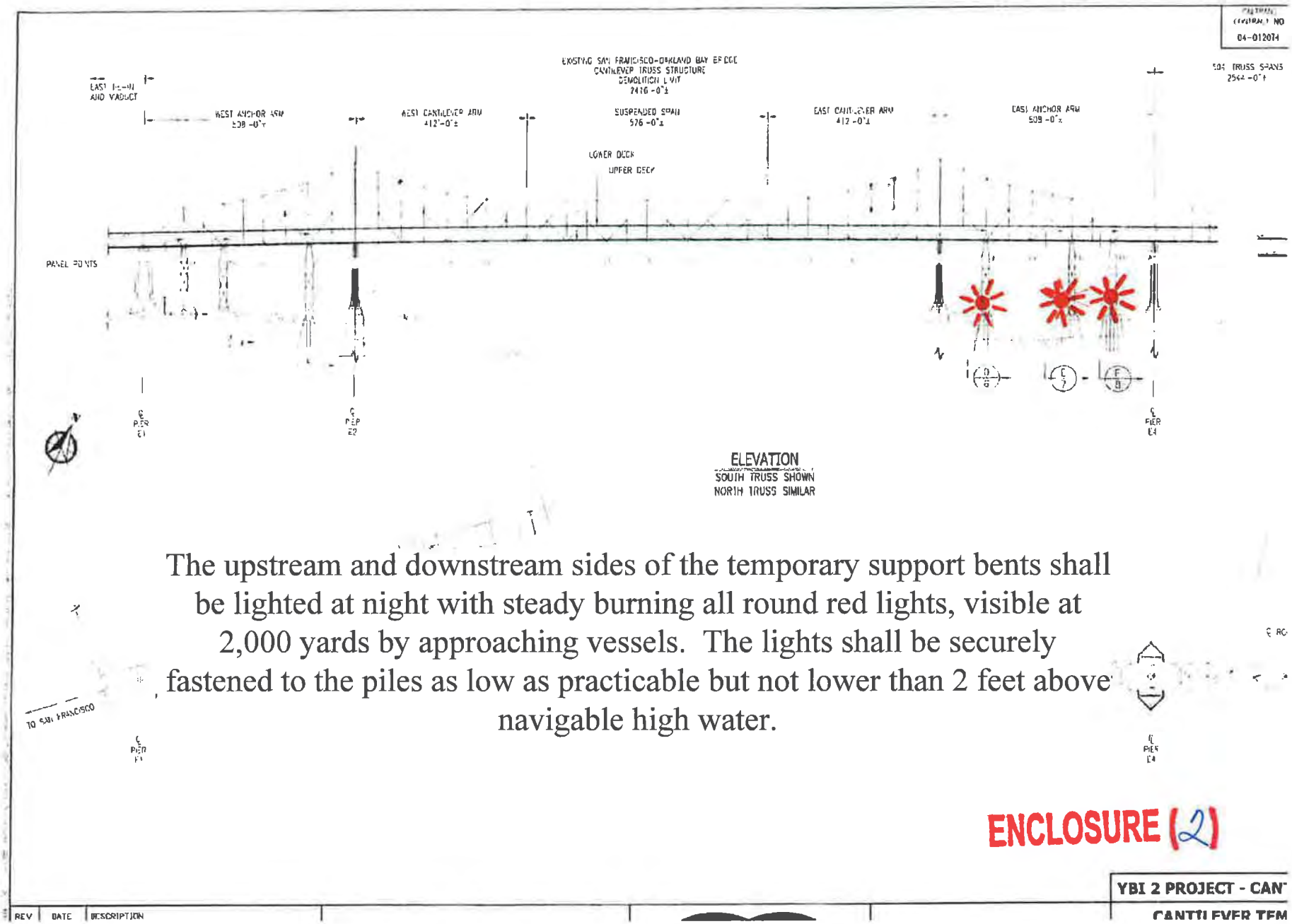
ENCLOSURE ( )

U.S. 101 Highway Bridge Replacement Project
Mile 12.5, Petaluma River
Temporary Cofferdam



Temporary cofferdams will installed to facilitate the removal of the being-replaced bridge piers. The cofferdams will protrude 4 feet into the channel on each side of the river reducing horizontal clearance at the bridge by 8 feet, leaving 92 feet of horizontal clearance at the work site. Each corner of the cofferdam will be lighted at night with steady burning all-round red lights visible at 2000 yards.

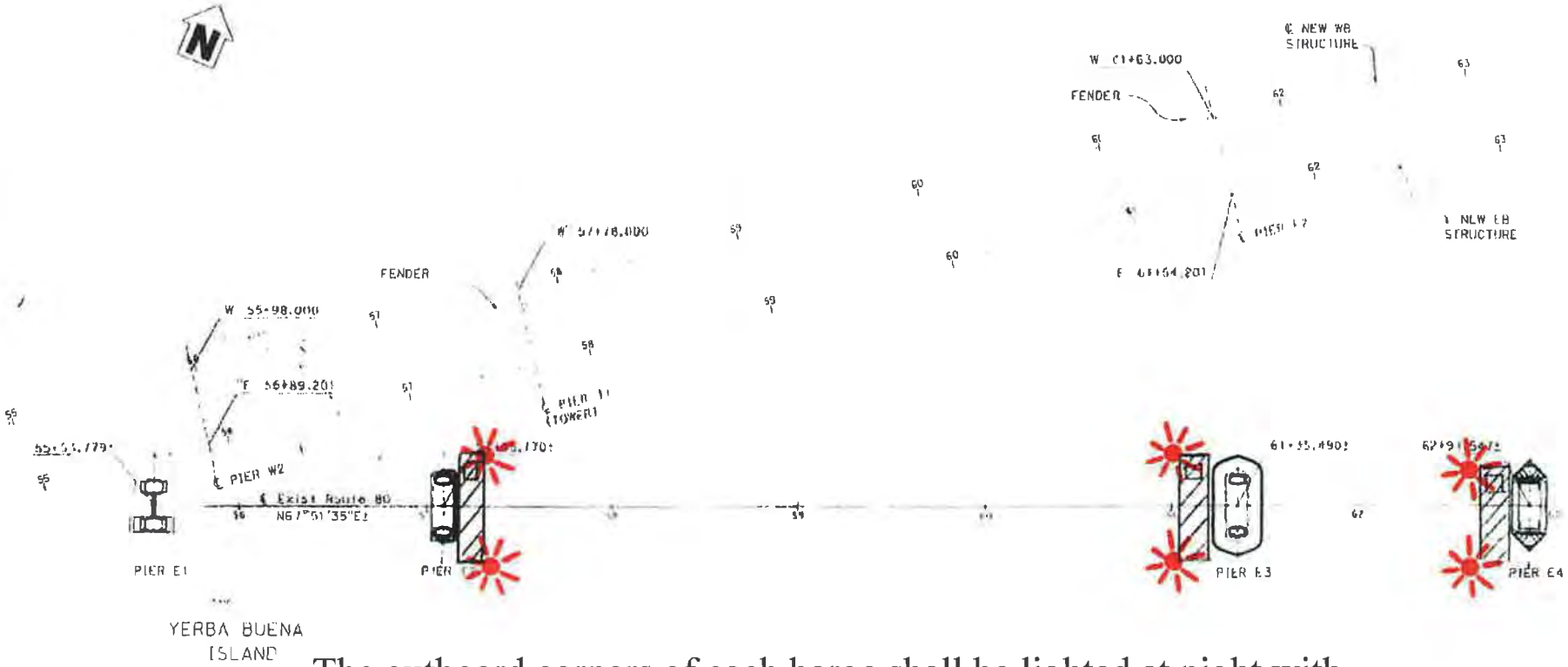
Lighting Diagram - Temporary Support Bents
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



The upstream and downstream sides of the temporary support bents shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels. The lights shall be securely fastened to the piles as low as practicable but not lower than 2 feet above navigable high water.

ENCLOSURE (2)

Lighting Diagram - Equipment Barges
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

ENCLOSURE (1)

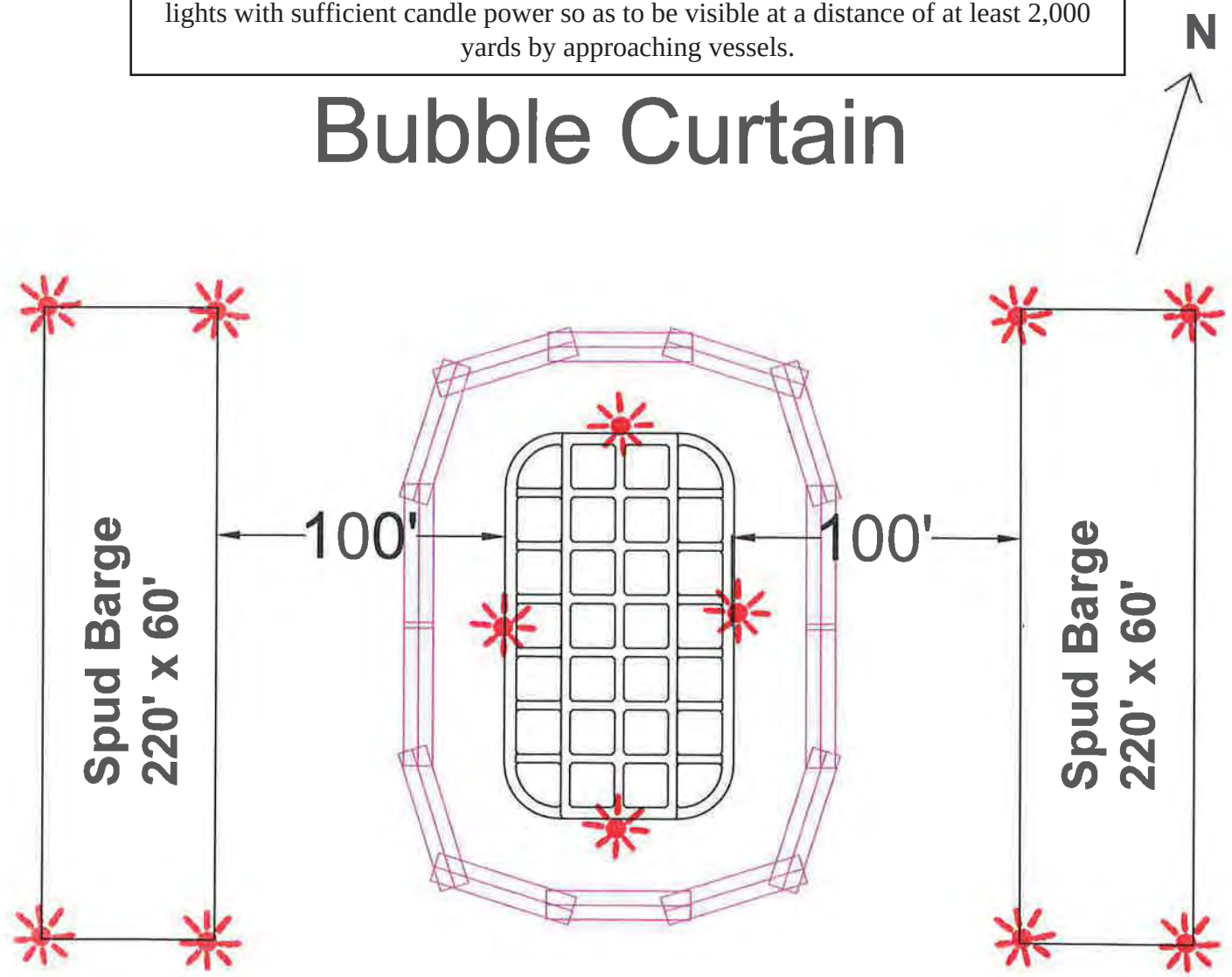
NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTRO
BEFORE ORDERING OR FABRICATING ANY MATE

PRELIMINARY INVESTIGATION SECTION				STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	TOLL BRIDGE DESIGN	33-0025	SAN FRANCISCO-OAKLAND EAST SPAN SEISMIC SAFET	EXISTING CANTILEVER TRU FOUNDATION
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN								

Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan

Each corner of each barge shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

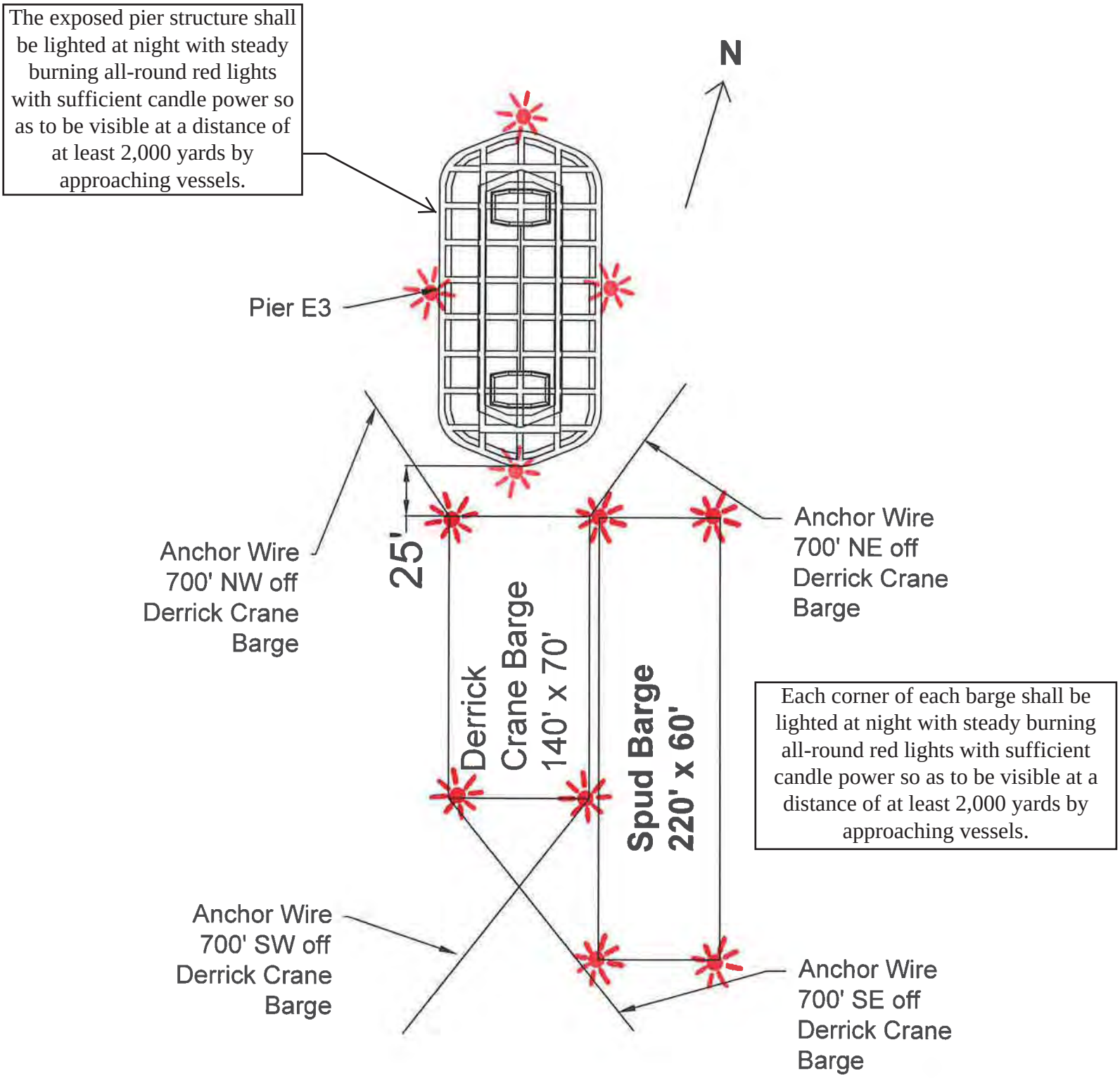
The exposed pier structure shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.



ENCLOSURE ( )

Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan

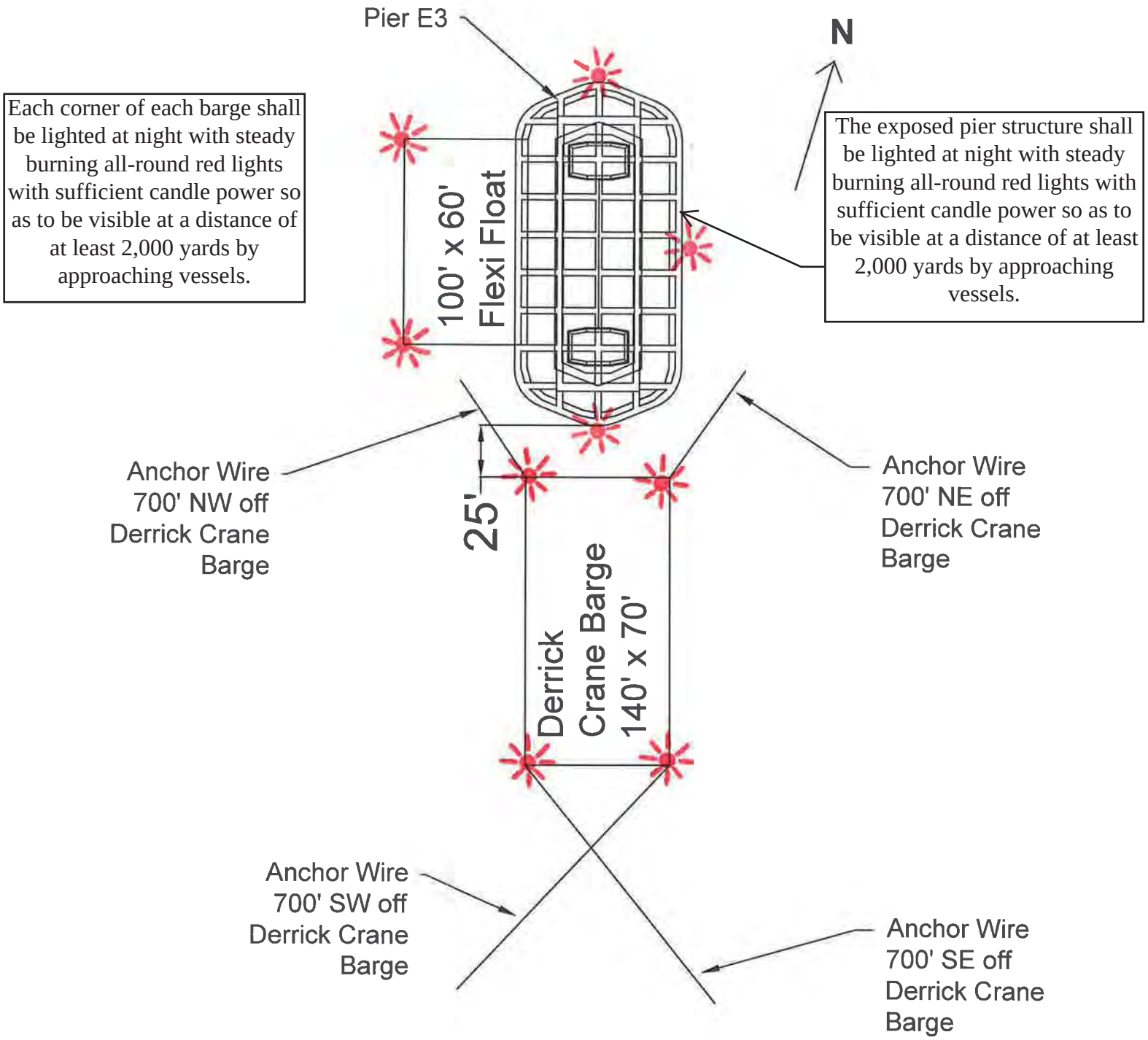
Fender Removal



ENCLOSURE ( )

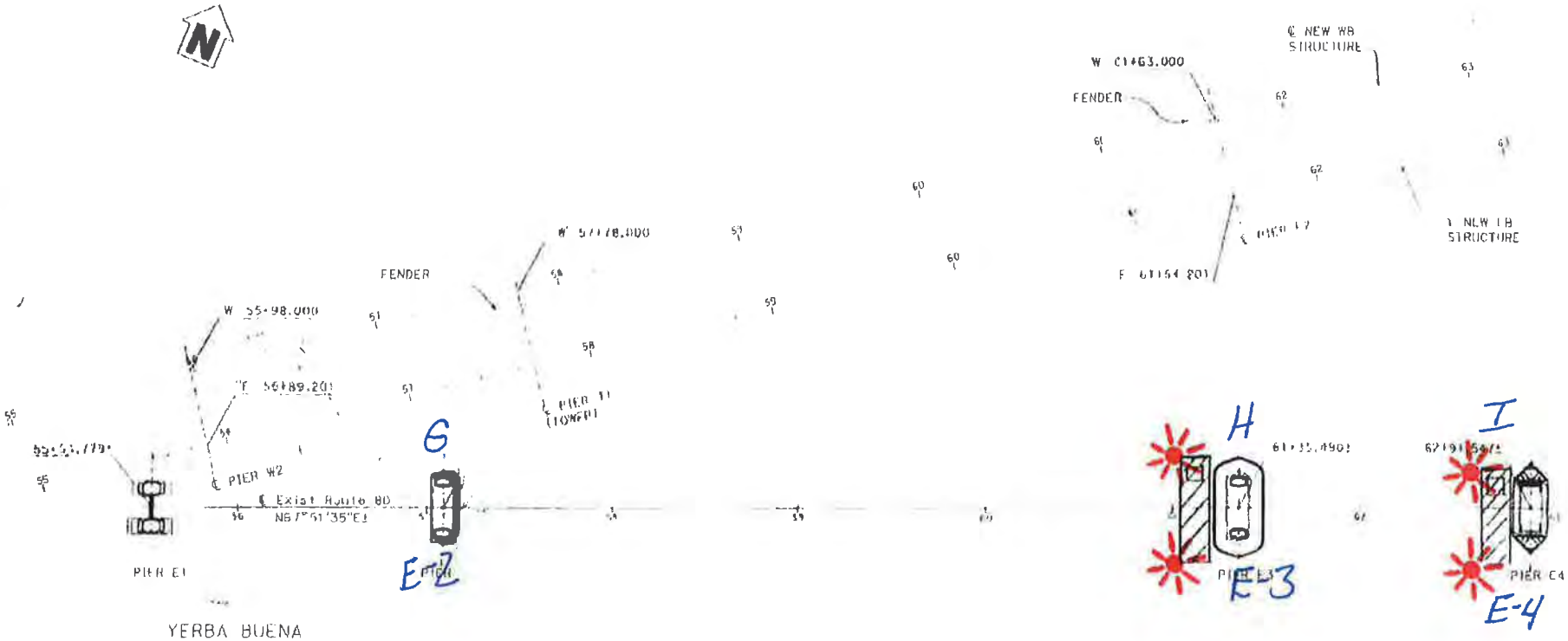
Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan

Curtain Demo



ENCLOSURE ( )

Lighting Diagram - Equipment Barges
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTRO
BEFORE ORDERING OR FABRICATING ANY MATE

DIST	COUNTY	ROUTE
04	SF	80

PRELIMINARY INVESTIGATION SECTION

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TOLL BRIDGE DESIGN

BRIDGE NO 33-0025

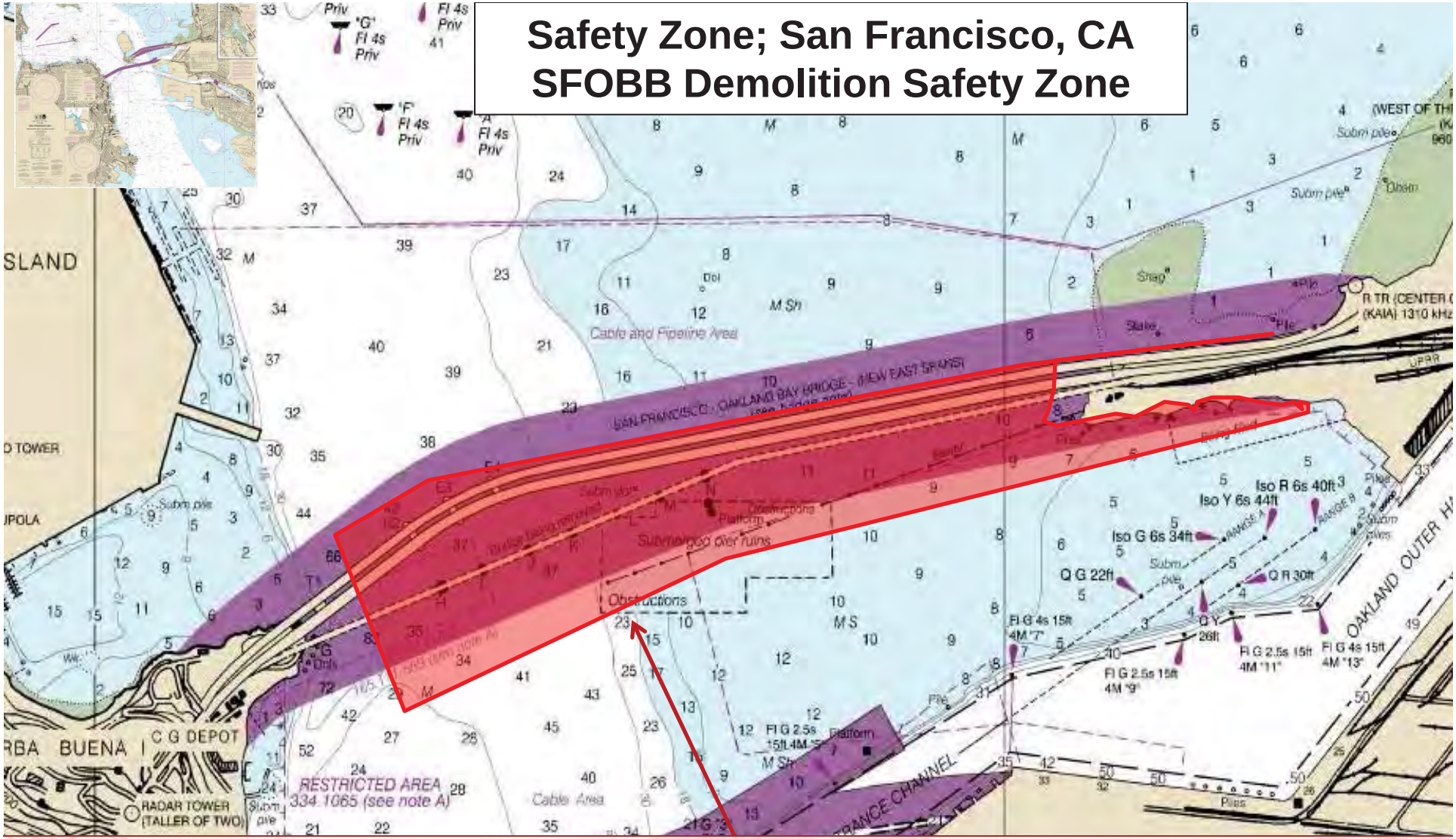
13.2/13.9

SAN FRANCISCO-OAKLAND
EAST SPAN SEISMIC SAFET

EXISTING CANTILEVER TRU
FOUNDATION

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

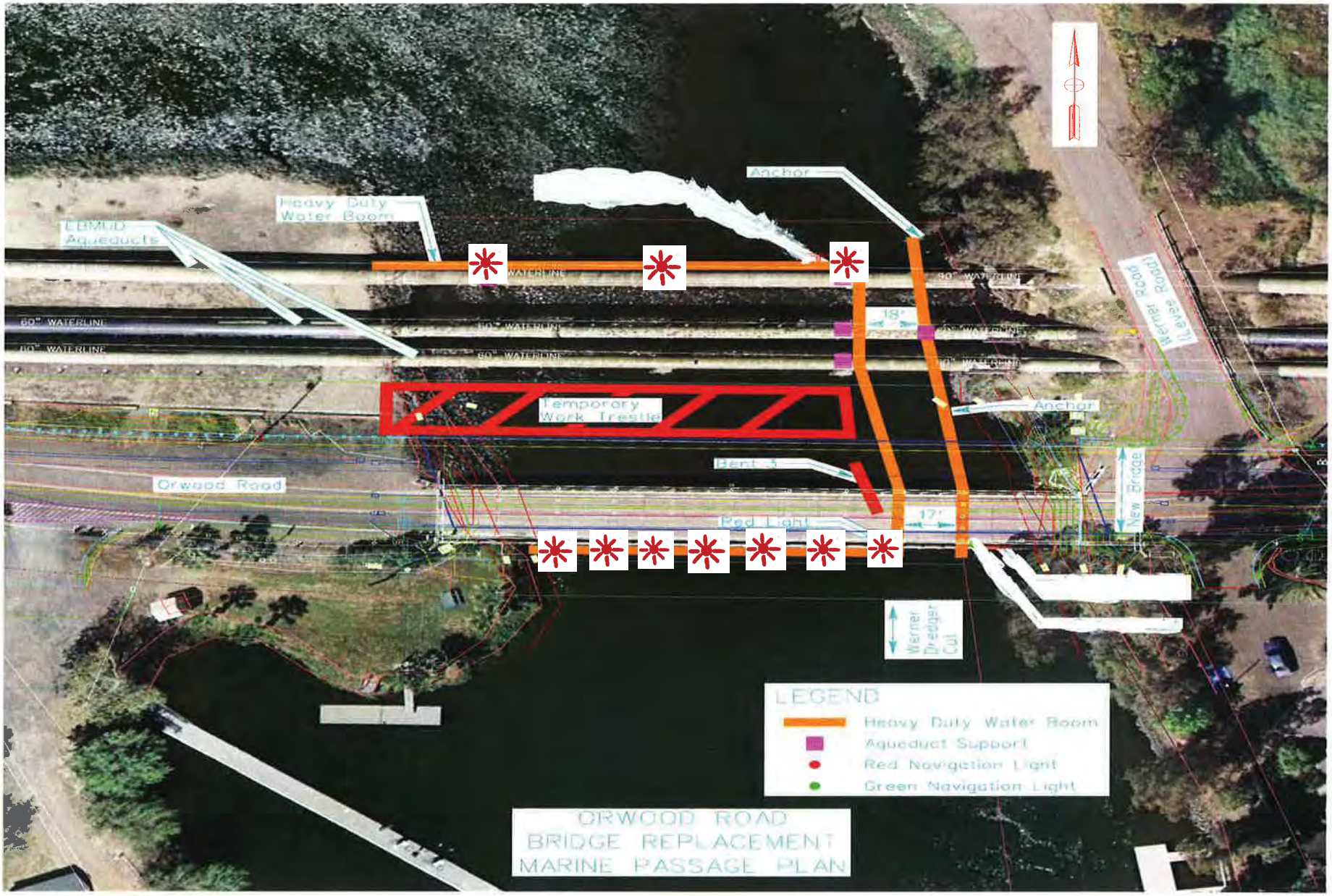
Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone



South Border:1000 feet south of the old SFOBB extending to Oakland shore line,
West Border:500 feet west of Pier H,
North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line
21 August 2015 – 31 December 2017

NOAA Chart 18650

Orwood Bridge Replacement Project
Mile 1.5, Werner Cut.
Temporary Trestle and Lighting Plan



The temporary trestle will be placed between the existing Orwood Bridge and the EBMUD pipelines. A temporary boom will surround the entire project area leaving mariners with 17 feet of horizontal clearance at the eastern bank of Werner Cut. The in-water piers on the upstream pipeline and downstream existing Orwood Bridge will be lit at night with steady burning red lights.

MARINE SAFETY AND SECURITY
INFORMATION BULLETIN
(MSIB) 15-07

September 28, 2015

U.S. Department of Homeland Security, Coast Guard Sector San Francisco

Establishment of Anchorage Berths in General Anchorges 7, 8 and 8A*

On September 10, 2015 the Harbor Safety Committee of the San Francisco Bay Region adopted a proposal to establish anchorage berthing schemes in general anchorages 7, 8 and 8A*. These berthing schemes will provide more efficient use and greater predictability of the available space in these anchorages. Specific berth information is contained in the tables below.

	ANCHORAGE 7 BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
7N	37° 49.617'N	122° 23.403'W
7S	37° 49.178'N	122° 22.967'W

	ANCHORAGE 8 BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
8N	37° 47.575'N	122° 21.485'W
8C	37° 47.395'N	122° 20.890'W
8S	37° 46.910'N	122° 21.050'W
8E1	37° 47.835'N	122° 21.000'W
8E2	37° 46.905'N	122° 20.480'W

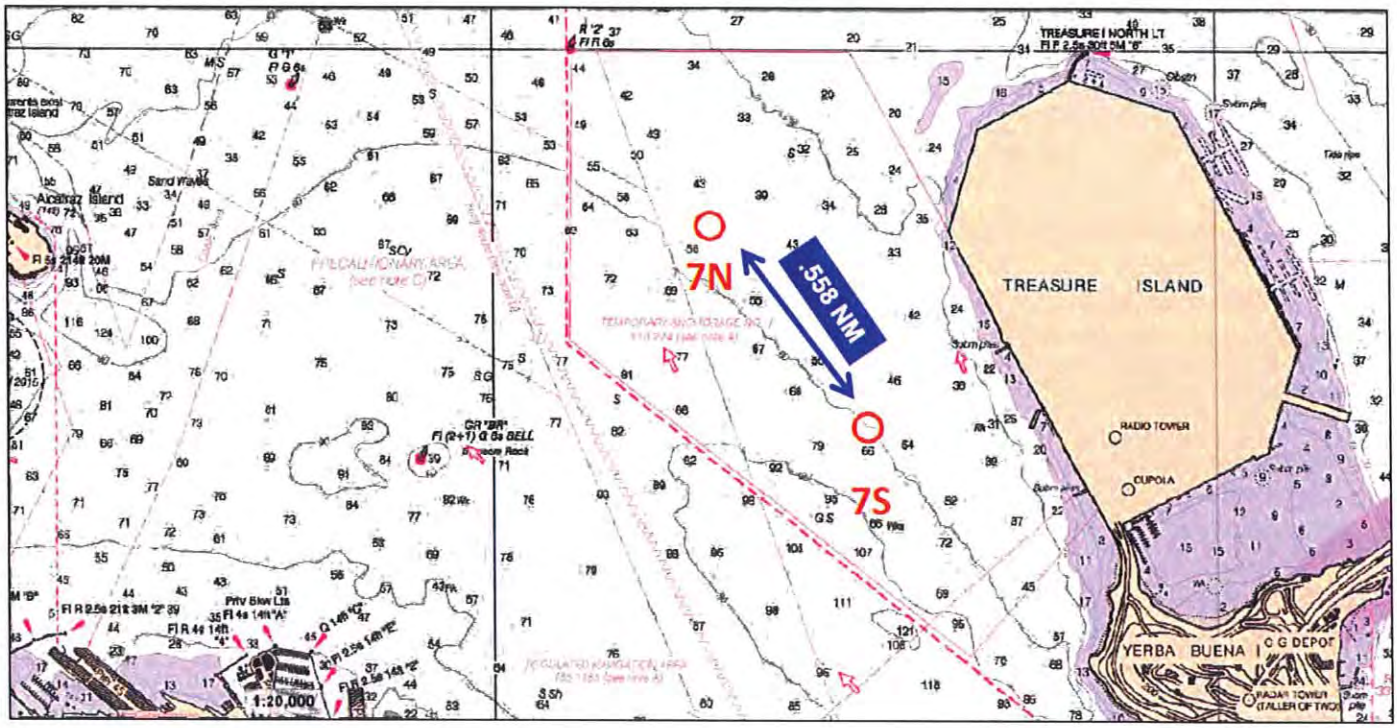
	ANCHORAGE 8A* BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
8A	37° 47.050'N	122° 21.725'W

*Anchorage 8A exists only when activated by VTS.

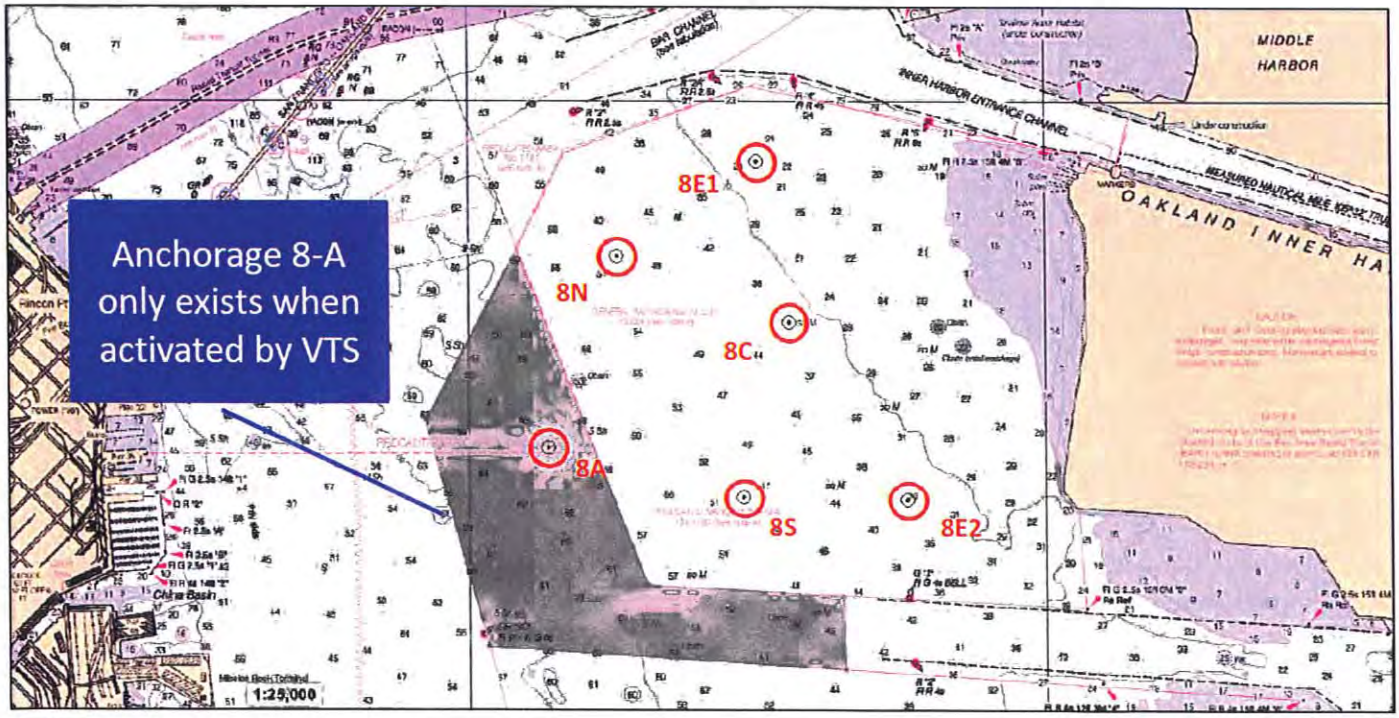
All existing regulations governing the use of these anchorages remain in effect. Vessels using these anchorages should strive to let go their anchor in the center of the drop bucket. For additional information please contact Sean Kelley, Sector San Francisco VTS Director (415) 399-7402.

G. G. Stump
Captain, U.S. Coast Guard
Captain of the Port

General Anchorage 7 berths
Drop circles or "buckets" are .05NM (100 yds) in diameter



General Anchorages 8 & 8-A berths
Drop circles or "buckets" are .05NM (100 yds) in diameter



MARINE SAFETY/SECURITY INFORMATION BULLETIN (MSIB) 15-07

Coast Guard Sector San Francisco
Department of Homeland Security

Safety Alert:
Commercial Fishing Vessel "Work-Lights" Create Potential Night Time Navigation Hazard

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity "work-lights" used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation lights at night and in low visibility conditions.

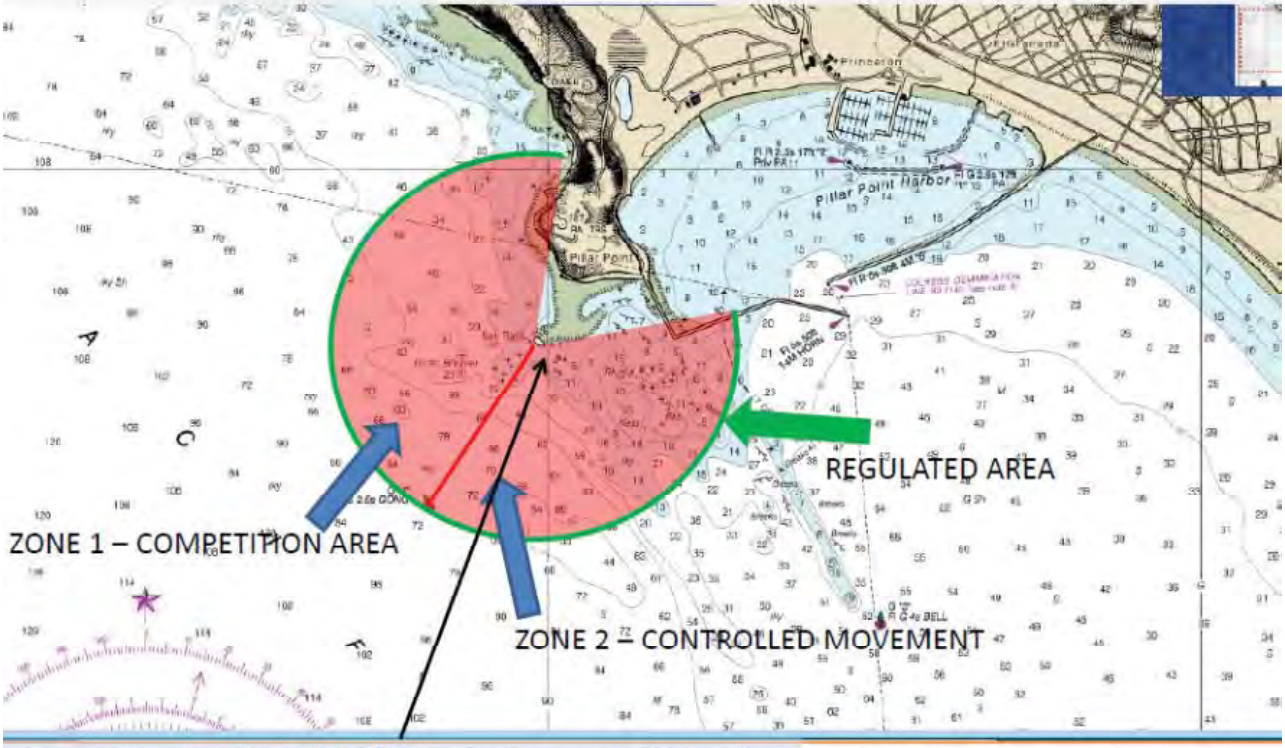
A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. Vessels found to be in violation of Rule 20 may be subject to a $6,500 fine.

All vessels operating near the San Francisco Bay inbound or outbound off-shore traffic lanes are required to comply with the Navigation Rules as they pertain to navigation lights. Vessels are also encouraged to maintain an active listening watch on VHF/FM Channels 13 and 16 and, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Sincerely,

G. G. Stump
Captain, U. S. Coast Guard
Captain of the Port

Special Local Regulation; Half Moon Bay, CA, Mavericks Surf Competition



An arc extending 1000 yards from Sail Rock: 37°29'34"N, 122°30'02"W

NOAA Chart 18682

INLAND Rule 24, (h), read:
In § 83.24(h), after the text "to indicate the presence of", remove the text "the unlighted" and replace it with "such."
(USCG) 39/15

COLREGS DEMARCATION LINES 33 CFR 80, §80.502 Toms River, NJ to Cape May, NJ.

(a) A line drawn from the seaward tangent of Long Beach Island to the seaward tangent to Pullen Island across Beach Haven and Little Egg Inlets, thence across Brigantine Inlet to Brigantine Island.

(b) A line drawn from the seaward extremity of Absecon Inlet.

(c) A line drawn parallel with the general trend of highwater shoreline from the southernmost point of Longport at latitude 39°17.6′ N., longitude 74°33.1′ W. across Great Egg Harbor Inlet.

(d) A line drawn parallel with the general trend of highwater shoreline across Corson Inlet.

(e) A line formed by the centerline of the Townsend Inlet Highway Bridge.

(f) A line formed by the shoreline of Seven Mile Beach to 39°00′23.757″ N., 074°47′28.017″ W. (Hereford Inlet Light).

(g) A line drawn across the seaward extremity of Cape May Inlet.

(USCG) 39/15

COLREGS DEMARCATION LINES 33 CFR 80, §80.748
In § 80.748(f), remove the text "shoreland" and add, in its place, the text "shoreline."
(USCG) 39/15

INTERNATIONAL INTERPRETIVE RULES 33 CFR 82, §82.5; read:

A vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR 83.30 (h) through (l).
(USCG) 39/15

Maritime Safety and Security Bulletin: 04-15

Effective Date: 03 October 2015

U. S. Coast Guard Sector San Diego
2710 North Harbor Drive
San Diego, CA 92101
Phone: (619) 278-7241/7262
Fax: (619) 278-7235

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY

https://www.scisland.org/

Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

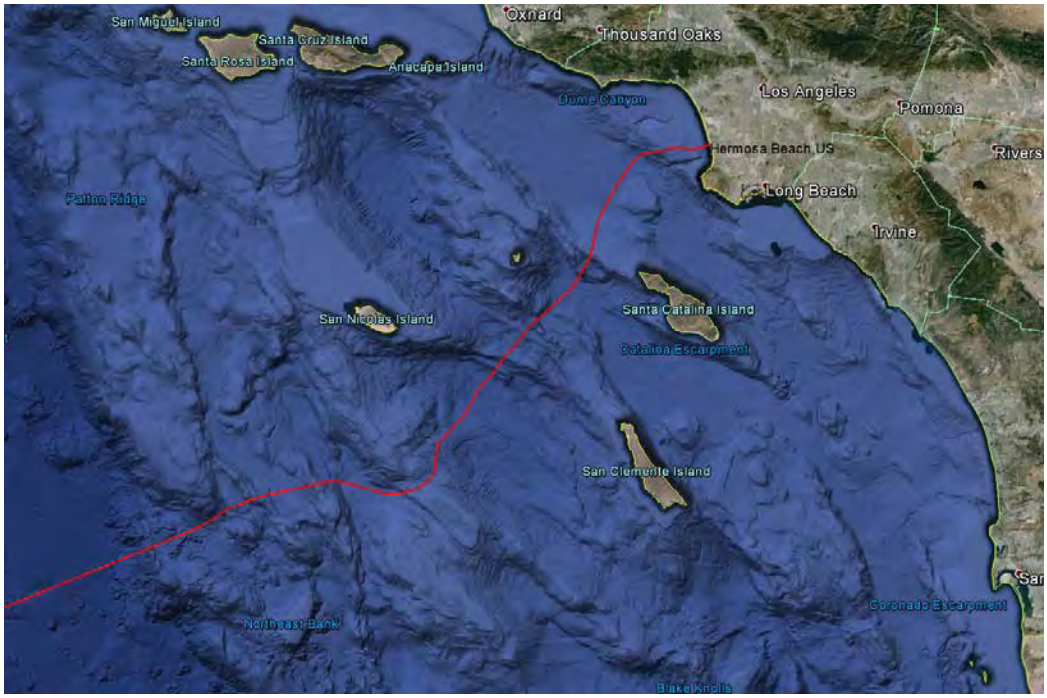
Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancelations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to $40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential.

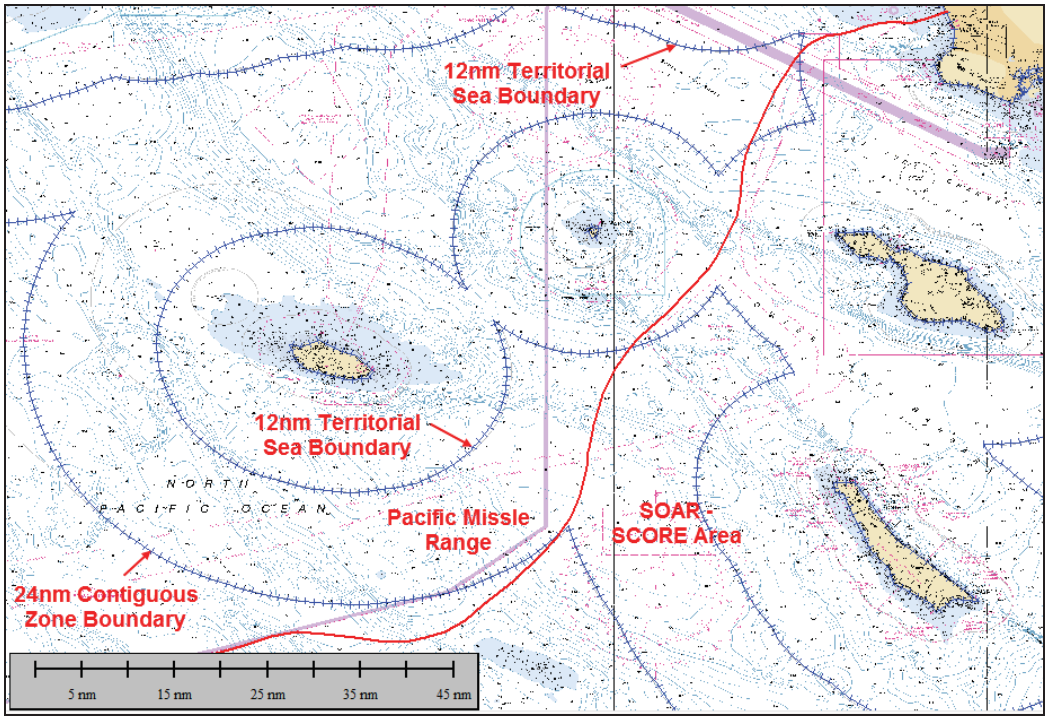
San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordnance training). Mariners conducting operations around San Clemente Island must abide by Federal regulations that apply to the three NM radius around the island. Eight zones comprise the Safety and Security Zones. Restriction times are based on U.S. Navy live fire exercises. Wilson Cove Security Zone and Safety Zone G are permanently closed. Mariners wishing to transit through Zone G must get preapproval from the U.S. Navy. The U.S. Navy makes every effort to maintain a schedule in advance and minimize public access restrictions. Periods of enforcement can be found at https://www.scisland.org. Restricted access areas and times are highlighted in red and listed in the associated website chart. If a Safety Zone section is green, mariners may access the waters. Mariners are advised to contact San Clemente Island via call sign "KRAKEN" on VHF CH 82A, or call Coast Guard Sector San Diego Joint Harbor Operations Center on VHF CH16 or at (619) 278-7033 to verify real-time status of the restricted waters.

If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil.

CAPT, USCG

J. S. SPANER
Captain, U. S. Coast Guard
Captain of the Port San Diego

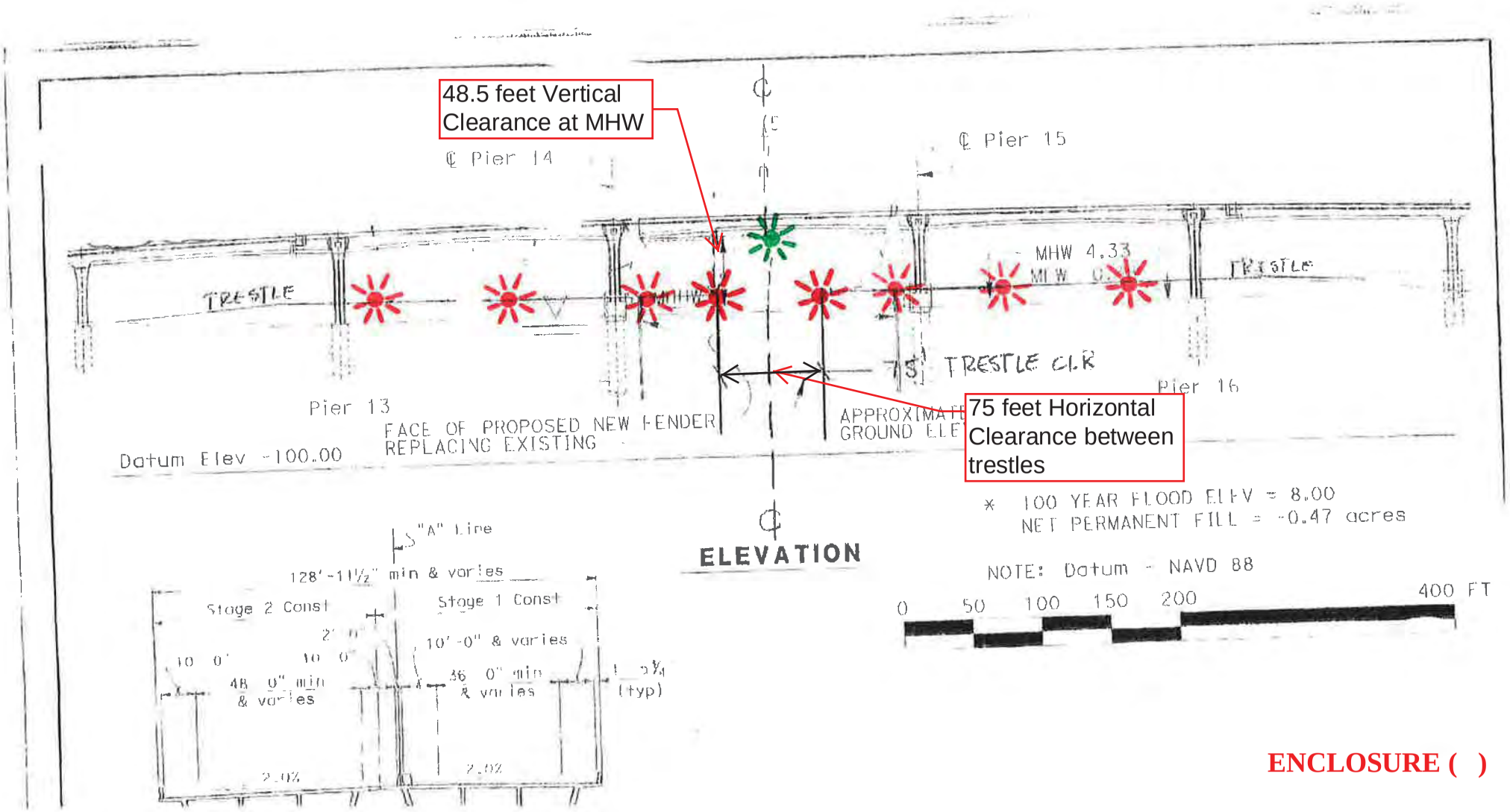

San Miguel Island
Santa Cruz Island
Santa Rosa Island
Anacapa Island
Oxnard
Thousand Oaks
Los Angeles
Pomona
Dume Canyon
Hermosa Beach US
Rivers
Long Beach
Patton Ridge
Irvine
San Nicolas Island
Santa Catalina Island
Catalina Escarpment
San Clemente Island
Coronado Escarpment
Northeast Bank
Blake Knolls


12nm Territorial Sea Boundary
12nm Territorial Sea Boundary
NORTH PACIFIC OCEAN
Pacific Missle Range
SOAR - SCORE Area
24nm Contiguous Zone Boundary
5 nm
15 nm
25 nm
35 nm
45 nm

Replacement Schuyler Heim Bridge Project

Temporary Lighting Diagram during Construction

The temporary trestles provide 75 feet of horizontal clearance and 48.5 feet of vertical clearance from Mean High Water to the lowest hittable portion of the bridge between the trestles.
The upstream and downstream trestles are lighted at night with steady burning all-round red lights. The center of the navigation span, between piers 14 and 15, is marked at night with all-round steady burning green lights.



ENCLOSURE ( )

North County Transit District Railroad Bridge
San Dieguito River, Mile 0.18
.
Area for Vessel Transit During Maintenance Work

North County Transit District Railroad Bridge
San Dieguito River, Mile 0.18
.
Area for Vessel Transit During Maintenance Work

North County Transit District Railroad Bridge
San Dieguito River, Mile 0.18
.
Area for Vessel Transit During Maintenance Work

North County Transit District Railroad Bridge
San Dieguito River, Mile 0.18

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Temporary Impacts to Navigation During Work