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

LOCAL NOTICE TO MARINERS

District: 11 Week: 12/16

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

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2016 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-0008-16, SF-0059-16, LA-0055-16, and SD-0039-16 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.

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.

2016 LIGHT LIST

The 2016 Light List is now available.

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2014 editions. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available for purchase from maritime service providers. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

2016 Light Lists are available on the USCG Navigation Center's website at: http://www.navcen.uscg.gov/?pageName=lightLists

Complete versions of the 2016 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates.

A summary of 2016 Light List corrections are available at: http://www.navcen.uscg.gov/?pageName=lightListCorrections

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:
http://www.uscg.mil/hq/cgcvc/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf

LNM: 02/16

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

CALIFORNIA-SEACOAST FISHING FLEET

The commercial salmon fishery from Horse Mountain to Point Arena California will not open April 16 – 30 as scheduled. This area will remain closed to commercial salmon fishing until further notice. For more details visit, https://www.wildlife.ca.gov/Fishing/Ocean/Regulations/Salmon.

LNM: 11/16

EAST SAN FRANCISCO BAY-WAMS ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of East San Francisco Bay (Richmond-San Rafael Bridge East Channel, Corte Madera Channel, East San Francisco Bay, Petaluma River, and San Rafael Creek). This also includes the Berkley and Emeryville Marinas. The WAMS Survey will be active until 26 Mar 16 and can be found by using the following link: https://www.surveymonkey.com/r/SECSFEASTBAY. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in East San Francisco Bay 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 BOSN Mickey Price at 415-399-7442 or Mickey.T.Price@uscg.mil.

Chart 18649 LNM: 06/16

MARINE SAFETY AND SECURITY BULLETIN

Mariners operating in the vicinity of the entrance to San Diego Bay, specifically adjacent to the Zuniga Jetty, are reminded of the inherent hazards that exist along the semi-submerged break-wall. Follow all navigation charts for safe operating distance around the jetty, associated shoal waters, and rock hazards. Do not navigate across or within any submerged portion of the Coast Guard navigation marked jetty. For additional information see MSSB 005-14 Safety Advisory.pdf in the enclosure section. For more details or comments contact Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil.

LNM: 49/15

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

MARINE SAFETY INFORMATION BULLETIN

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. 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

MORRO BAY-SAN-LUIS OBISPO-WATERWAY ANALYSIS MANAGEMENT SYSTEM ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study from Morro Bay to San Luis Obispo Bay. The WAMS Survey will be active until 26 Mar 16 and can be found by using the following link: https://www.surveymonkey.com/r/CGSECLALBMBSLO. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation from Morro Bay to San Luis Obispo Bay 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 Sector LA/LB Waterways Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil.

Chart 18703 LNM: 04/16

NEW YORK SLOUGH-WATERWAY ANALYSIS MANAGEMENT SYSTEM ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the New York Slough (runs northwest to southeast from the Suisun Bay to the San Joaquin River. It consists of a West Reach and East Reach). The WAMS Survey will be active until 26 Mar 16 and can be found by using the following link: https://www.surveymonkey.com/r/SECSFNYSLOUGH. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in New York Slough 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 is welcome to participate by submitting a user survey. To receive further information contact BOSN Mickey Price at 415-399-7442 or Mickey.T.Price@uscg.mil.

Chart 18659 LNM: 05/16

SANTA BARBARA CHANNEL TO PORT HUENEME-WATERWAY ANALYSIS MANAGEMENT SYSTEM ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the Santa Barbara Channel to Port Hueneme to include all local Harbors and Marinas. The WAMS Survey will be active until June 8, 2016 and can be found by using the following link: https://www.surveymonkey.com/r/SANTABARBTOPTHUE. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in Santa Barbara Harbor, Ventura Harbor, Channel Islands Harbor, Port Hueneme Harbor, 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 Sector LA/LB Waterways Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil.

LNM: 10/16

SANTA CRUZ CHANNEL TO SANTA BARBARA CHANNEL-WATERWAY ANALYSIS MANAGEMENT SYSTEM ANNOUNCEMENT

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the Santa Cruz Channel to Santa Barbara Channel. The WAMS Survey will be active until June 8, 2016 and can be found by using the following link: https://www.surveymonkey.com/r/SANTACRUZTOSANTABARB. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in the Santa Cruz and Santa Barbara Channels, 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 Sector LA/LB Waterways Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil.

LNM: 10/16

U.S COAST GUARD NAVIGATION RULES

Changes to the U.S. Coast Guard August 2014 Navigation Rules and Regulations Handbook are now available. See NAVRULESCorrections48-15.pdf in the enclosure section for more details.

LNM: 48/15

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

USE OF ELECTRONIC CHARTS AND PUBLICATIONS IN LIEU OF PAPER CHARTS, MAPS, AND PUBLICATIONS

The U.S. Coast Guard has issued Navigation and Vessel Inspection Circular (NVIC) No. 01-16 which contains guidance on the use of electronic charts and publications in lieu of paper charts, maps, and publications. This guidance applies to U.S. flagged vessels subject to U.S. domestic chart, map, and publication carriage requirements contained in Titles 33 and 46 of the Code of Federal Regulations. The NVIC can be viewed at https://www.uscg.mil/hq/cg5/nvic/default.asp or https://cgportal2.uscg.mil/library/directives/SitePages/Home.aspx.

LNM: 06/16

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	
30	Mission Bay North Jetty Light 1	MISSING	18765	SD-0005-16	05/16	
240	**Morro Bay West Breakwater Light**	**LT EXT/SS INOP**	**18703**	**LA-0054-16**	**12/16**	
365	Mile Rocks Light	LT EXT/SS INOP	18649	0585-13	52/13	
370	Point Bonita Light	REDUCED INT	18649	SF-0029-16	04/16	
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	
2280	Mission Bay North Jetty Light 1	MISSING	18765	SD-0005-16	05/16	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
3835	**Morro Bay West Breakwater Light**	**LT EXT/SS INOP**	**18703**	**LA-0054-16**	**12/16**	
4220	Point Bonita Light	REDUCED INT	18649	SF-0029-16	04/16	
4245	Mile Rocks Light	LT EXT/SS INOP	18649	0585-13	52/13	
4335	Point Blunt Light	LT IMCH	18650	SF-0037-16	09/16	
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	
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14	
6325	Suisun Bay North Channel Light 2	MISSING/TRLB	18657	SF-0240-15	01/16	
6355	**Suisun Bay Channel Lighted Buoy 6**	**OFF STA**	**18657**	**SF-0058-16**	**12/16**	
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	
6665	San Joaquin River Daybeacon 1	MISSING/TRUB	18659	SF-0017-16	04/16	
6760	San Joaquin River Light 25	STRUCT DMGD/TRLB	18660	SF-0083-15	21/15	
6855	San Joaquin River Light 46	LT EXT/DAYMK MISSING/STRUCT DMGD/TRLB	18660	SF-0236-15	51/15	
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	
7990	Bodega Harbor Channel Daybeacon 44	MISSING/TRUB	18643	SF-0230-15	50/15	
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14	
8415	Lake Tahoe Lighted Danger Buoy B	LT EXT	18665	SF-0232-15	51/15	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5455	Berkeley North Breakwater Light 3	WATCHING PROPERLY	18649	SF-0048-16	11/16	12/16

5460	Berkeley North Breakwater Light 4	WATCHING PROPERLY	18653	SF-0047-16	11/16	12/16
5922	Pinole Shoal Range Front Light	WATCHING PROPERLY	18654	SF-0052-16	11/16	12/16
5923	Pinole Shoal Range Rear Light	WATCHING PROPERLY	18654	SF-0053-16	11/16	12/16
6225	Carquinez Strait Light 21	WATCHING PROPERLY	18655	SF-0056-16	11/16	12/16

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2014	San Diego Bay Wreck Buoy WR32A	MISSING/TRLB	18773	SD-0025-16	07/16	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0009-16	03/16	
4411	Richardson Bay Daybeacon 20	DAYMK IMCH	18649	SF-0126-15	29/15	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4401	Richardson Bay Daybeacon 8	WATCHING PROPERLY	18653	SF-125-15	29/15	12/16

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	
370	Point Bonita Light	Reduced Intensity	18649		05/16	
448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15	
1892	Glorietta Bay Channel Buoy 5	DISCONTINUED	18773	SD-0029-16	08/16	
1900	Glorietta Bay Channel Lighted Buoy 8	DISCONTINUED	18773	SD-0027-18	08/16	
2014	**San Diego Bay Wreck Buoy WR32A**	**TRLB**	**18773**	SD-0025-16	**12/16**	
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15	
3720	Ventura Marina Channel Buoy 9	RELOCATED DUE TO SHOALING	18725	LA-0009-16	04/16	
3785	Santa Barbara Harbor Lighted Buoy 11	RELOCATED DUE TO SHOALING	18725	LA-0031-16	07/16	
3792	Santa Barbara Harbor Lighted Buoy 12	RELOCATED FOR DREDGING	18725	LA-0050-16	11/16	
3860	Morro Bay Channel Lighted Buoy 5	RELOCATED DUE TO SHOALING	18703	LA-0010-16	07/16	
4220	Point Bonita Light	Reduced Intensity	18649		05/16	

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

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.
This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.
It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR CGD01
(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W
Green can

Corrective Action	Object of Corrective Action	Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.
Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18749 44th Ed. 01-OCT-15 Last LNM: 21/09 NAD 83 12/16

ChartTitle: **San Pedro Bay;Anaheim Bay Huntington Harbor**

Inset 1903 ANAHEIM BAY--HUNTINGTON HARBOUR. Page/Side: A

DELETE	Channel Limits F PT 01 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.320N	118-05-43.070W
DELETE	Channel Limits F PT 02 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.670N	118-05-42.780W
DELETE	Channel Limits F PT 03 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-06.320N	118-05-42.450W
DELETE	Channel Limits F PT 04 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-07.810N	118-05-44.470W
DELETE	Channel Limits F PT 05 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-05.280N	118-05-46.370W
DELETE	Channel Limits F PT 06 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-08.890N	118-05-53.400W
DELETE	Channel Limits F PT 07 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-11.600N	118-05-50.420W
DELETE	Channel Limits F PT 08 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-10.230N	118-05-48.250W
DELETE	Channel Limits F PT 09 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-15.330N	118-05-44.530W
DELETE	Channel Limits F PT 10 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.470N	118-05-23.340W
DELETE	Channel Limits F PT 11 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.080N	118-05-23.630W
DELETE	Channel Limits F PT 12 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-01.220N	118-05-18.080W
DELETE	Channel Limits F PT 13 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-43-56.430N	118-05-21.600W
DELETE	Channel Limits F PT 14 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-02.700N	118-05-33.910W
DELETE	Channel Limits F PT 15 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-03.410N	118-05-38.000W

DELETE	Channel Limits F PT 16 OF 16; Chart No. 1: I20 (NOS NW-25593)	33-44-02.010N	118-05-39.220W
DELETE	Depth Legend; 23 1/2 FT JAN 2014 (NOS NW-25593)	NOS 33-44-06.000N	118-05-30.000W
CHANGE	Depth Legend - Anaheim Bay Harbor Channel Jetty Harbor Entrance to:; LEFT QUARTER 38 FT MIDDLE HALF 37 FT RIGHT QUARTER 33 1/2 FT FOR WIDTH OF 280-500 FT JUL 2015 (NOS NW-25593)	NOS 33-43-43.000N	118-05-59.000W
ADD	Sounding in Feet; 23 (NOS NW-25593)	NOS 33-43-58.720N	118-05-25.360W
ADD	Sounding in Feet; 33 (NOS NW-25593)	NOS 33-44-00.600N	118-05-22.330W
ADD	Sounding in Feet; 34 (NOS NW-25593)	NOS 33-44-09.110N	118-05-52.140W
ADD	Sounding in Feet; 34 (NOS NW-25593)	NOS 33-44-09.910N	118-05-46.340W
ADD	Sounding in Feet; 34 (NOS NW-25593)	NOS 33-44-10.550N	118-05-49.470W
ADD	Sounding in Feet; 35 (NOS NW-25593)	NOS 33-44-06.940N	118-05-47.440W
ADD	Sounding in Feet; 37 (NOS NW-25593)	NOS 33-44-02.710N	118-05-24.920W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-04.770N	118-05-30.400W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-05.360N	118-05-26.270W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-09.790N	118-05-39.960W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-12.070N	118-05-43.810W
ADD	Sounding in Feet; 39 (NOS NW-25593)	NOS 33-44-03.200N	118-05-39.040W
ADD	Sounding in Feet; 39 (NOS NW-25593)	NOS 33-44-09.970N	118-05-36.160W
ADD	Sounding in Feet; 40 (NOS NW-25593)	NOS 33-44-05.290N	118-05-41.580W
ADD	Sounding in Feet; 41 (NOS NW-25593)	NOS 33-44-08.080N	118-05-31.870W
ADD	Sounding in Feet; 42 (NOS NW-25593)	NOS 33-44-06.910N	118-05-35.100W

Main Panel 1902 SAN PEDRO BAY. Page/Side: A

DELETE	Channel Limits E PT 01 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.320N	118-05-43.070W
DELETE	Channel Limits E PT 02 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.670N	118-05-42.780W
DELETE	Channel Limits E PT 03 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-06.320N	118-05-42.450W
DELETE	Channel Limits E PT 04 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-07.810N	118-05-44.470W
DELETE	Channel Limits E PT 05 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-05.280N	118-05-46.370W
DELETE	Channel Limits E PT 06 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-08.890N	118-05-53.400W
DELETE	Channel Limits E PT 07 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-11.600N	118-05-50.420W
DELETE	Channel Limits E PT 08 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-10.230N	118-05-48.250W
DELETE	Channel Limits E PT 09 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-15.330N	118-05-44.530W
DELETE	Channel Limits E PT 10 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.470N	118-05-23.340W
DELETE	Channel Limits E PT 11 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-04.080N	118-05-23.630W
DELETE	Channel Limits E PT 12 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-01.220N	118-05-18.080W
DELETE	Channel Limits E PT 13 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-43-56.430N	118-05-21.600W
DELETE	Channel Limits E PT 14 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-02.700N	118-05-33.910W
DELETE	Channel Limits E PT 15 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-03.410N	118-05-38.000W
DELETE	Channel Limits E PT 16 OF 16; Chart No. 1: I20 (NOS NW-25593)	NOS 33-44-02.010N	118-05-39.220W

CHANGE	Depth Legend - Anaheim Bay Harbor Channel Entrance to:; LEFT QUARTER 37 1/2 FT MIDDLE HALF 37 FT RIGHT QUARTER 34 FT FOR WIDTH OF 800-280 FT JUL 2015 (NOS NW-25593)	NOS 33-43-10.000N	118-06-27.000W
ADD	Sounding in Feet; 23 (NOS NW-25593)	NOS 33-43-58.720N	118-05-25.360W
ADD	Sounding in Feet; 33 (NOS NW-25593)	NOS 33-44-00.600N	118-05-22.330W
ADD	Sounding in Feet; 34 (NOS NW-25593)	NOS 33-44-09.910N	118-05-46.340W
ADD	Sounding in Feet; 37 (NOS NW-25593)	NOS 33-44-02.710N	118-05-24.920W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-04.770N	118-05-30.400W
ADD	Sounding in Feet; 38 (NOS NW-25593)	NOS 33-44-05.360N	118-05-26.270W
ADD	Sounding in Feet; 39 (NOS NW-25593)	NOS 33-44-03.200N	118-05-39.040W
ADD	Sounding in Feet; 39 (NOS NW-25593)	NOS 33-44-09.970N	118-05-36.160W
ADD	Sounding in Feet; 41 (NOS NW-25593)	NOS 33-44-08.080N	118-05-31.870W
ADD	Sounding in Feet; 42 (NOS NW-25593)	NOS 33-44-06.910N	118-05-35.100W

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

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 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)

SOUTHERN CALIFORNIA- MARINER RADIO ACTIVATED SOUND SIGNAL

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on Oceanside South Jetty Light 2 Sound Signal (LLNR 2296). This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Direct any questions, comments,or feedback no later than 25 Mar 16 to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18758 LNM: 08/16

SECTION VII - GENERAL

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

ANAHEIM BAY-BRIDGE

Trinidad Lane Bridge- The west side center green light and the northwest and southeast red pier lights are extinguished. Estimated time of repair is unknown.

Charts: 18746 18749 LNM: 10/16

ARIZONA-PARKER-MARINE EVENT

Southern California Speedboat Club will sponsor the 2016 Blue Water Resort and Casino Spring Classic racing event from 0800-1800 on 26-27 Mar 16. The event will involve 80 sprint boats participating in a closed course race in the navigable waters of the lower Colorado River, in the vicinity 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: 11/16

BODEGA BAY-MARINE EVENT

Bodega Bay Fishermans Festival will sponsor a boat parade involving 200 participants in the Bodega Bay Inner and Outer Harbors with a safety vessel from 0700-1200 on 09 Apr 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585 or Brooks Rooney at 916-769-9230.

Chart 18643 LNM: 08/16

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

CARQUINEZ STRAIT BRIDGES-FISH MONITORING OPERATIONS

UC Davis & NOAA will be maintaining fish tracking receivers at various piers on the Carquinez I-80, Benicia I-680, and Antioch Hwy 160 Bridges, during daylight hours, 04-08 Apr 16, using a 27' aluminum work skiff (CF 9624), R/V TRACKER and will be monitoring VHF-FM Chan. 16 and via cell at 530-752-5372. Mariners are requested to transit the area with caution and contact R/V TRACKER in advance to make passing arrangements.

Chart 18656 LNM: 11/16

CATALINA ISLAND – MARINE CONSTRUCTION

Associated Pacific Constructors, Inc. will be conducting marine construction in Avalon Harbor, Catalina Island until 01 May 16 at the north end of Avalon Harbor at 33-21-00N 118-19-00W. Multiple barges, steel floats, and pennant buoys (all unlit) will be located in the vicinity of the old fuel dock. Mariners are advised to transit the area with caution. Work will be conducted Mon – Fri during daylight hours only. Derrick barge JC FREESE NO.3, tug BALANA, and tug TUFFY II will be at the work site and monitoring VHF-FM Chan. 10 and 16. For more details or comments contact Mike Marchitto at 805-234-2841 or Cameron Simms at 805-258-4410.

Chart 18757 LNM: 03/16

CHINA LAKE-CA-GPS TESTING

DGPS testing will be conducted at the China Lake Range, CA site with an approximate center point of 36-08N 117-39W and possible impact radius of 253nm from center point from 1630Z-2230Z on 29-30 MAR 16. 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 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 18022 LNM: 10/16

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 RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0830-1030 on 26 Mar 16 to allow community participation in the Peace Love Run. A Color Fun Fest Run will take place from 1600-2200 on 09 Apr 16. In the event of an emergency, the drawspan can be operated normally. The bridge provides 30ft vertical clearance above Mean High Water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18662 LNM: 11/16

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-THREE MILE SLOUGH-BRIDGE(UPDATE:TIME EXTENSION)

STATE ROUTE 160 DRAWBRIDGE- The drawspan is secured in the closed-to-navigation position until 17 Apr 16, due to a painting project. A containment system installed on the underside of the drawbridge reduces vertical clearance by 4ft and is lighted with red lights (Three Mile Bridge Containment.pdf). A line of white buoys is placed on both sides of the bridge indicating 5mph when approaching the bridge. A drawbridge operator is at the bridge site to communicate with mariners. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18661 LNM: 44/15

DELTA & RIVERS-SAN JOAQUIN RIVER-TRACY-MARINE CONSTRUCTION

The California Department of Water Resources will conduct construction of four temporary rock barriers in rivers and tributaries in the vicinity of Union Island, near Stockton, CA until 08 Apr 14. The channels will be partially closed until the barriers are removed in June 2016. A small aluminum boat will be on site for day to day operations. Construction will take place at the following positions:

37-49-10N 121-26-54W Grant Line Canal
37-53-08N 121-28-56W Middle River Barrier
37-48-36N 121-32-35W Old River Barrier
37-48-29N 121-19-42W Old River Head Barrier

For more details or comments contact Jacob McQuirk at 916-653-9883 or cell 916-524-6645.

Chart 18661 LNM: 09/16

HUMBOLDT BAY - HOOKTON CHANNEL - SUNKEN VESSEL

A sunken 96.6ft sailing vessel has sunk in the vicinity of Hookton channel at 40-43-54N 124-13-09W. The vessel's mast is out of the water at low tide and is marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18622 LNM: 09/16

HUMBOLDT BAY-SHOALING

Due to shoaling at the South Jetty Tip of Humboldt Bay Bar, swells in excess of 8ft may have an adverse affect in the main shipping channel. Mariners are requested to transit the area with caution and contact the Mariners are requested to transit the area with caution and contact U. S. Coast Guard Sector Humboldt Bay on VHF-FM Chan. 16 for assistance. For more details or comments contact U.S. Coast Guard Sector Humboldt Bay at 707-839-6113.

Chart 18622 LNM: 08/16

LONG BEACH-ANAHEIM BAY-DREDGING

LONG BEACH-ANAHEIM BAY-DREDGING

Curtin Maritime Corp will conduct dredging operations in Anaheim Bay within Huntington Harbour and Seal Beach until 01 Jun 16. Dredging will take place Mon-Sat 12 hours per day. Dredged material will be transported to one of three disposal locations; LA-2 off shore disposal, Sunset Beach Near Shore, or pumped upland onto the Seal Beach National Wildlife Refuge (SBNWR). Material pumped upland onto the SBNWR will utilize a suction dredge with pipe floating outside of the navigational channel to the east side at approximately 33-43-43N 118-04-49W. A temporary mooring will be in use for the moorage of tugs and scows at 33-43-45N 118-05-48W. All dredging operations will be enclosed with turbidity curtains attached to orange Norwegian buoys to aid mariners in visibly identifying the turbidity controls. Clamshell dredge DB 185-3, cutter head dredge CUTTER 1; scows LONG PT and ARROW PT; along with tugs BERNARDINE C, TAURUS, and BOB will monitor VHF-FM Chan. 13, 14, and 01. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Sam Bice at 206-550-3916 or Steve Chew at 562-666-6971.

Chart 18749 LNM: 51/15

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-KING HARBOR-UNMANNED RESEARCH VEHICLE OPERATIONS

The unmanned research vehicle, LORIS, will be conducting unmanned maritime vehicle operations in vicinity of King Harbor and within 5nm of 33-50-24N 118-23-38W and 33-23-48N 119-13-48W until 31 Mar 16. The vehicle is 9 ft long, solar powered, and lightly constructed. It contains no fuel, lubricants, or hydrocarbons. It travels at about 2 kts and is designed to give way if contacted by a vessel. The vehicle supports an orange flag on a one meter mast. Mariners are requested to transit the area with caution. For more information contact Jon Lieb at 310-308-8537 or jklieb@att.net.

Chart 18744 LNM: 08/16

LONG BEACH-MARINE CONSTRUCTION

Connoly-Pacific Co. will be building a containment dike in East Basin, Long Beach at 33-45-19.130N 118-12-40.136W from 0700-0330 Mon-Fri until August 2017. The derrick barge LOS ANGELES is aware of active terminal at Berth F and will stay clear of vessel traffic. Tug DURANGO and derrick barge LOS ANGELES will be on site monitoring VHF FM Chan. 13, 16, 78, 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: 11/16

LONG BEACH-MARINE CONSTRUCTION

Connolly-Pacific Co. will conduct repairs to the Middle / Long Beach federal breakwater Mon-Fri during daylight hours until December 2016. 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-MARINE CONSTRUCTION

Manson Construction Company is conducting continuous filling operations until September 2017, in vicinity of Long Beach Middle Harbor within the following coordinates:

33-45-02N 118-13- 59W
33-45-21N 118-12-36W
33-46-04N 118-13-19W

Tugs ELMER, MJEFFREY M along with Derrick barges VALHALLA, VULCAN, NJORD, and H.R. MORRIS will monitor VHF-FM Chan. 13, 16, and 71. Mariners are requested to transit the area with caution. For more details or comments contact Dylan Porter at (562) 283-7100 dylan.porter@polb.com

Charts: 18749 18751 LNM: 12/16

LOS ANGELES-DREDGING OPERATIONS

Manson Construction Co. will conduct dredging operations at Cabrillo Beach, Port of Los Angeles until 30 Mar 16. Derrick barges VALHALLA and VULCAN; along with tugs JEFFREY M and ELMER M will be on site monitoring VHF-FM Chan. 13, 16, and 71. 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: 08/16

LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT

Lucas Oil Drag Boat Racing Series will sponsor the Lucas Oil Colorado River Challenge racing event from 0700-1900 on 15-17 Apr 16. The event will involve 120 drag boats participating in a closed course race in the navigable waters of the lower Colorado River, in the vicinity of the Blue Water Resort and Casino. Mariners are requested to transit the area with caution. For more details or comments contact Ken Dollar at 951-870-6381.

LNM: 11/16

LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT

RPM Racing Enterprise will sponsor a Lake Havasu Personal Water Craft (PWC) race event in the navigable waters of the lower Colorado River, in

LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT

the vicinity of Windsor Park from 0600-1800 on 09-10 Apr 16. Approximately 100 personal water craft will participate. Mariners are requested to avoid the race course and transit the nearby area with caution. For more details or comments contact Ross Wallach at 310-318-4012.

LNM: 11/16

MALIBU-OBSTRUCTION TO NAVIGATION

There has been a report of a mooring buoy sinking off of Malibu pier in the vicinity of 34-02-02N 118-40-21W. Mariners are requested to transit the area with caution and report any relevant observations regarding this buoy to the U.S Coast Guard on Chan. 16.

Chart 18744 LNM: 04/16

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-MOSS LANDING-ROV OPERATIONS

The Monterey Bay Aquarium Research Institute (MBARI) will conduct continuous, unmanned maritime vehicle data collection operations off of Moss Landing between 36-41.27N 122-58-35W and 35-07-13N 122-58-35W until 27 May 16. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moves at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 6.5ft x 2ft (surfboard size), yellow 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 MBARI at 831-775-1700 wavglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574 / 408-636-4205.

Chart 18685 LNM: 09/16

MONTEREY MARINA-DREDGING

The city of Monterey will be sponsoring dredge operations in Monterey Marina until 21 Apr 16. Hours of operation will be from 0730-1730, Mon-Thu. The 43 x 19ft dredge platform TENACITY will be on site monitoring VHF-FM Chan. 73. For more details or comments contact City of Monterey Harbor Master Stephen Scheiblauer at 831-646-3950.

Chart 18685 LNM: 11/16

NAPA RIVER-BRIDGE-DIVE OPERATIONS

Caltrans will be conducting dive operations on the following bridges:

11-15 Apr 16, 0900-1500 - Mare Island Drawbridge – Various Piers.

25-29 Apr 16, 0900-1500 – HWY 37 Highway Bridge – Various Piers.

The dive vessel is a 10ftx33ft aluminum landing craft. Diver's umbilical hose may be floating on the surface adjacent to the vessel. Mariners are requested to contact the vessel, OFFICIAL BUSINESS on VHF-FM Chan. 14 and 16 or via cell at 916-712-4088 approximately 30 minutes before transiting the bridge dive sites. Mariners are requested to transit the area with caution.

For further information, mariners can contact the Coast Guard Bridge Office at 510 437-3515.

Chart 18654 LNM: 11/16

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- Construction of the replacement bridge continues Mon-Fri during daylight hours, and should be completed by Jun 2016. The southeast and northwest cofferdams protrude upstream and downstream into the channel, the corners are lighted at night with fixed red lights (see enclosure Cofferdam Lighting_US101_Petaluma.pdf at the end of this notice). Heavy equipment tires are attached to the cofferdams to act as fendering. For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654 LNM: 26/13

PETALUMA RIVER-SHOALING

Shoaling has been reported at the Haystack Landing Railroad Bridge in Petaluma. The shoaling extends from the bridge pier on the north bank of the river, 80ft downstream and 140ft upstream from the bridge. The shoaling extends approximately 25ft into the channel. Mariners are requested to transit the area with caution. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18654 LNM: 51/15

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-ROV OPERATIONS

Liquid Robotics, Inc. is conducting continuous autonomous, unmanned maritime vehicle operations within 10nm of 32-56-39.3966N 118-21-16.1706W until 16 May 16. Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moves at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. It is surfboard size, black in color, with a contact plaque and mast extending 1 meter above the surface supporting a flag. Mariners are urged to transit the area with caution. For up-to-date information, mariners can contact Liquid Robotics Operations Center at 408-636-4205 or via email at support@liquidr.com.

Charts: 18740 18762 LNM: 10/16

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 spans 13-14 and 15-16, west of the west main navigational channel, has reduced the vertical clearance by not more than 8ft 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

Precon Marine Inc. will be conducting diving operations from a 80ft x 120ft spud barge in the entrance channel to San Diego Bay between buoys 11 and 12 until 01 Apr 16. 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 a 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 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

R.E. Staite Engineering Inc. will conduct marine construction in the waterfront of San Diego Bay at 32-41-21N 117-14-03W until 31 Mar 16. The work will consist of dredging and pile driving. DB POINT LOMA along with tugs KATHY C, HAROLD M, and CLARENCE D 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 Matt MacArthur at 619-233-0178.

Chart 18773 LNM: 50/15

SAN DIEGO BAY-PIER 1-MARINE CONSTRUCTION

Manson Construction Co. will conduct marine construction and dredging in vicinity of San Diego Pier 1 at 32-41-30N 117-08-44W until 15 Nov 16. The disposal site will be at LA-5 Disposal site. Derrick barge VALHALLA, VALKYRIE; along with tug JEFFREY M and scow Rockport, Freeport, and Gulfport will be on site monitoring VHF-FM Chan. 13 and 65. 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: 07/16

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 – DANA POINT HARBOR – DREDGING

CJW Construction, Inc. will conduct dredging operations in Dana Point Harbor, main channel and in the vicinity of the sailing events center dock breakwater in position 33-27-22N 117-41-39W until 20 Jun 16. Dredge operations will monitor VHF-FM 78 during operations. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or

SAN DIEGO – DANA POINT HARBOR – DREDGING

comments contact Project Manager – Mike Munyon at 714-719-2944.

Chart 18746 LNM: 04/16

SAN DIEGO – MARINE CONSTRUCTION

Manson Construction Co. will be conducting marine construction in San Diego Bay until mid Apr 2016 at the Bravo Pier Naval Air Station North Island located at 32-41-27N 117-13-39W. Work will be conducted in eight hour shifts but times may vary. Mariners are advised to transit at slowest safe speed to minimize wake during operational hours. For further comments or details contact Eric Ramirez at 206-295-9113.

Chart 18773 LNM: 03/16

SAN DIEGO-CORONADO ISLAND-DREDGING

Dutra Construction Company will be conducting dredging operations around piers of the Naval Amphibious Base Coronado Island at 32-40-45N 117-09-20W for 12 hours a day until May 2016. The operations will be at night and a 360ft exclusion zone will enforced around the dredge barge. Dredged material will be disposed of at offshore LA5 disposal site. Tug TERRI L and a scow will be on site monitoring VHF-FM Chan. 16 and 82. Mariners are requested to transit the area with caution and maintain a safe distance of 100ft from the dredge barge. For more details or comments contact Andrew Hunt at 415-847-6640.

Chart 18773 LNM: 11/16

SAN DIEGO-CORONADO-MARINE CONSTRUCTION

Marathon Construction will conduct pile driving and fender repair operations in the vicinity of Naval Base Coronado at 32-42-24N 117-11-13W until 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-DIVING OPERATIONS

The U.S. Navy Undersea Rescue Command (URC) will be conducting diving operations at 33-25-09N 118-20-33W until 01 Apr 16. 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 from the dive site, due to risk of entanglement. For more details or comments contact LT Charles Kreuzberger at 619-545-9188.

Chart 18772 LNM: 08/16

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations daily until 31 Mar 16, 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: 10/16

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

Nova-Shimmick JV will be conducting pile driving operations & marine construction in San Diego Bay until 15 May 16 in the vicinity of the Naval Fuel Pier located at 32-42-04N, 117-14-08W. Crane barge BMC-32, support barge SEAHORSE, tug Linda M, and survey vessel TONY N will be on site monitoring VHF 16 & 66. Mariners are advised to use caution when transiting the area. For further comments or details contact Craig Haverstick

SAN DIEGO-MARINE CONSTRUCTION

at 619-571-4178.

Chart 18773 LNM: 02/16

SAN DIEGO-MISSION BAY-MARINE EVENT

San Diego Crew Classic will sponsor a San Diego Crew Classic event within Mission Bay from 0700-1900 on 02 and 03 Apr 16. A special local regulation zone will be in effect encompassing all navigable waters around the event location for the duration of the event. Mariners are requested to transit the area with caution and avoid the special local regulation zone. For more details or comments contact Darlene Disney at 619-225-0300.

Chart 18765 LNM: 12/16

SAN DIEGO-OCEANSIDE HARBOR-MARINE EVENT

World Triathlon Corporation will sponsor a California Ironman Triathlon event within Oceanside Harbor from 0630-0930 on 02 Apr 16. A special local regulation zone will be in effect encompassing all navigable waters around the event location for the duration of the event. Mariners are requested to transit the area with caution and avoid the special local regulation zone. For more details or comments contact Gina Thomas at 760-420-9407.

Chart 18774 LNM: 12/16

SAN DIEGO-PIER 1-MARINE CONSTRUCTION

Manson Construction Co. will conduct marine construction and dredging at BAE Systems San Diego Pier 1 North Dry Dock and South Bay Mitigation Site from 28 Mar 16 through 15 Oct 16. Derrick barge VALHALLA, VALKYRIE; along with tug JEFFREY M; scows ROCKPORT, EASTPORT, GULFPORT and survey vessel BAYOU BENGAL will be on site monitoring VHF-FM Chan. 13, 16, and 65. 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 Brad Hunter at 562-762-5241.

Chart 18773 LNM: 12/16

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 DIEGO-UNMANNED SURFACE VEHICLE OPERATIONS

The U.S. Navy will be conducting Unmanned Surface Vehicle(USV) operation from Navy Range Support craft RSC-1 10nm northwest of Point Loma within 03nm of 32-43N 117-26W from 28 Mar 16 through 01 Apr 16. RSC-1 will be restricted in its ability to maneuver. The two USVs are 10ft long and 3ft wide. One is colored navy blue and the other is black. Both have 3ft masts with orange flag and a fixed all around white light. A 1000yds safety zone will be in effect encompassing the navigable waters around both crafts for the duration of the event. RSC-1 will monitor VHF-FM Chan. 12, 13, and 16. Mariners are requested to remain outside the safety zone and transit the area with caution. For more details or comments contact Mark Gillcrist at 619-203-1348 or Anna Nguyen at (619) 553-7611.

Chart 18765 LNM: 12/16

SAN FRANCISCO BAY- LED CONVERSION

Due to a lack in commercial power, Point Bonita Light (LLNR 370) in position 37-48-56.120N, 122-31-46.266W has been temporarily equipped with an LED light with a nominal range of 13nm for an undetermined amount of time. For any questions or comments, contact LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18022 18645 18649 18652 18680 LNM: 05/16

SAN FRANCISCO BAY-BRIDGE

SAN MATEO-HAYWARD BRIDGE - Caltrans' contractor, Liberty Maintenance, will be conducting maintenance during daylight hours, Monday through Saturday, beginning 01 Apr 2016. A work platform will be installed below low steel of the bridge deck from piers 2 to 18 and from piers 21 to 38, reducing vertical clearance in those spans by approximately 5 feet. The upstream and downstream low steel of the platform will be lighted at night with red lights placed every 75 feet. A 160' X 50' equipment barge and a 110' X 30' service barge will be moored, via spuds, at various locations on the north side of the bridge, each corner lighted at night with red lights. (See San Mateo Lighting Plan in the enclosure section). The main navigation span of the bridge, between piers 19 and 20 will remain clear at this time. For details at the work site, mariners can contact Caltrans at (408) 592-3785, or Liberty Maintenance at (330) 272-4667, (516) 369-8535, (330) 509-4535, or (917) 709-0742. For more details or comments contact the Coast Guard Project Manager at (510) 437-3515.

Chart 18651 LNM: 11/16

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-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

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652 LNM: 23/15

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-MARINE EVENT

Corinthian Yacht Club will sponsor a boat parade involving 500 participants boating in the Racoon Straits from 0900-1300 on 24 Apr 16. A Regulated Area will be in effect during this time and all participants shall follow the parade route established by the sponsor. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585 or John Nicholai at 415-435-4771.

Chart 18649 LNM: 08/16

SAN FRANCISCO BAY-OAKLAND HARBOR-DREDGING

Camenzind Dredging Inc. will be conducting dredging operations in Oakland Middle Harbor Enhancement Area at 37-48-10N 122-20-00W until 15 Jul 16. A submerged pipeline operated by dredge PAUL VINCENT will be marked with yellow floats and anchors with white buoys. The Operations will remain continuous for the duration of the project. Dredge PAUL VINCENT, work boat FESTER and barge Fred will monitor VHF-FM Chan. 16 and 67. Mariners are requested. For more details or comments contact Project Manager Kurt Camenzind at 650-424-0367.

Charts: 18650 18652 LNM: 06/16

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-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-SAN FRANCISCO BAR-SONAR OPERATIONS

Global Diving & Salvage, Inc. will be conducting side-scan sonar operations in the vicinity of the San Francisco Pilot Station from 28 Mar 16 through 07 Apr 16. Sonar operations will be taking place from the vessel SHANA RAE 24 hours daily. The SHANA RAE will be monitoring VHF/FM Chan. 13 and 14. Mariners are requested to transit the area with caution. For more details or comments contact Kyle Watson at 206-963-8138.

Charts: 18645 18649 LNM: 12/16

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-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 until 01 Jun 16. 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

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

Stephen Hutchison at 415-254-4410.

Chart 18655 LNM: 29/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI -A Safety Zone has been established from 1000 feet west of pier "I" and extends east to the Oakland shoreline. (see 2015-2017_East_SFOBB_Safety Zone.pdf in enclosure section) This safety zone has been established to protect mariners from the dangers associated with removal operations of the SFOBB. All vessels passing through the bridge east of YBI should use the "T1-E2" span of the Replacement SFOBB Eastern Span until demolition of the replaced 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.

Work is in progress in removing the spans between piers I-N, Typical in-water equipment to be utilized are two 250' X 72' X 15' barges, two 99' X 99' crane barges, and a 133' X 46' material barge, spudded and anchored beneath the structure. Typical anchor lines will extend from each corner of the barges out 1500 feet. Each corner of the anchored barges shall be lighted at night will an all-round red lights. Red lights will mark the upstream and downstream portion of the pier bases until their removal. (see Barge-504Removal.pdf in enclosure section)

For details at the work site, mariners may contact Caltrans at 650-222-7242 or the Contractor at 510-774-1204. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650 LNM: 43/08

SAN FRANCISCO-OCEAN BEACH-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey off of Ocean Beach during daylight hours until 25 Mar 16. The operations to be conducted will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Up to three 1 day surveys will be conducted at approximately at monthly intervals, as weather and project scheduling permits. At a minimum, one survey will be conducted near the beginning of the time interval, with up to two additional surveys to document the changes in seafloor morphology related to seasonal storms and El Nino Seasonal Oscillations. For more details or comments contact Jenny White at 831-460-7544.

Chart 18680 LNM: 51/15

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 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

SANTA BARBARA CHANNEL-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a near shore geophysical survey from Goleta to Palos Verdes until 31 May 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted two personal watercraft (jet ski). See enclosure (Geophysical Survey Operations) for chartlet and positions for survey. For more details or comments contact Jenny White at 831-460-7485.

Chart 18685 LNM: 46/15

SANTA BARBARA HARBOR-SHOALING

There is been a report of shoaling in Santa Barbara Harbor with a depth of 11ft MLW between buoys 10 and 11. Mariners are requested to transit the area with caution.

Chart 18725 LNM: 09/16

SANTA BARBARA-DREDGING

Pacific Dredge Company in conjunction with Army Corp Of Engineers is conducting dredging operations in Santa Barbara at 34-24-33N 119-41-18W until 31 May 16. Dredge vessel LA ENCINA will monitor VHF-FM Chan. 06 and 16. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Gary Foster at 805-331-2995.

Chart 18725 LNM: 06/16

SANTA CRUZ-SHOALING

The harbormaster's office in Santa Cruz has reported significant shoaling in the entrance to Santa Cruz due to recent weather events. Mariners are advised to exercise caution when operating in this area as actual water depths may vary from charted depths.

Chart 18685 LNM: 50/15

SOUTHERN CALIFORNIA-POINT CONCEPTION-PIPELINE MAINTENANCE

Freeport –McMoran Oil and Gas and Aqueos Corporation will be conducting underwater pipeline maintenance and dive operations off of Point Conception until 31 Mar 16. The M/V CLEAN OCEAN and M/V DANNY C will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Patrick Vowell at 805-934-8215.

Chart 18721 LNM: 09/16

VENTURA HARBOR-SHOALING

The harbor entrance is reopened with a depth of 35-40ft. There are active dredging sites on both sides of the channel and north sand trap.The following buoys have been temporarily placed to mark best water: Ventura Marina Buoy 4A at 34-14-47.628N 119-16-15.578W and Ventura Marina Shoal Buoy at 34-14-47.981N 119-16-17.261W. Ventura Marina Channel Buoy 9 has been temporarily relocated to 34-14-52.220N 119-16-13.528W. Mariners are requested to transit the area with caution.

Chart 18725 LNM: 43/15

VENTURA HARBOR-VENTURA INNER HARBOR-DREDGING

Manson Construction Co. will be conducting dredging operations in Ventura Inner Harbor at 34-15-05.97N 119-15-54.44W until 15 Apr 16. Dredge HR MORRIS, DB FREYA, Dredge Tender PUP, Dredge Tender CUB, and Survey Boat RENEGADE will monitor VHF-FM Chan. 16 and 67. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Project Manager Max Oviedo at 206-619-7729.

Chart 18725 LNM: 06/16

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

None

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

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

Orwood_Lighting_Diagram.pdf

See Link Above

Chart 18661 LNM: 25/15

SAN CLEMENTE ISLAND SAFETY ZONE

MSSB 04-15 SCI Safety Zone.pdf

See link above.

LNM: 39/15

CHANGE TO USCG NAV RULES

NAVRULESCorrections 48-15.pdf

See link above.

LNM: 48/15

MARINE SAFETY INFORMATION BULLETION

MSIB 15-07.pdf
See link above.

LNM: 47/15

SAN FRANCISCO BAY-BRIDGE-SAN MATEO/HAYWARD BRIDGE

SanMateo_LightingPlan.pdf
See link above for barge and below deck lighting diagram.

LNM: 11/16

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

2015-2017_East_SFOBB_SafetyZone.pdf BargeLighting_504RemovalSFOBB.pdf
See links above for safety zone, barge mooring and lighting diagrams.

LNM: 04/16

VENTURA HARBOR - DREDGING

Ventura Harbor Dredging.pdf
See link above.

LNM: 03/16

MONTEREY BAY-GEOPHYSICAL SURVEY

Geophysical Survey Operations.pdf
See link above.

LNM: 46/15

PETALUMA RIVER-BRIDGE

Cofferdam Lighting_US101_Petaluma.pdf
See link above.

LNM: 26/13

DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE

Three Mile Bridge containment.pdf
See link above.

LNM: 44/15

MARINE SAFETY AND SECURITY BULLETIN

MSSB 005-14 Safety Advisory.pdf
See link above.

LNM: 49/15

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

A. E. Wirts
U.S. Coast Guard
Chief 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 _____

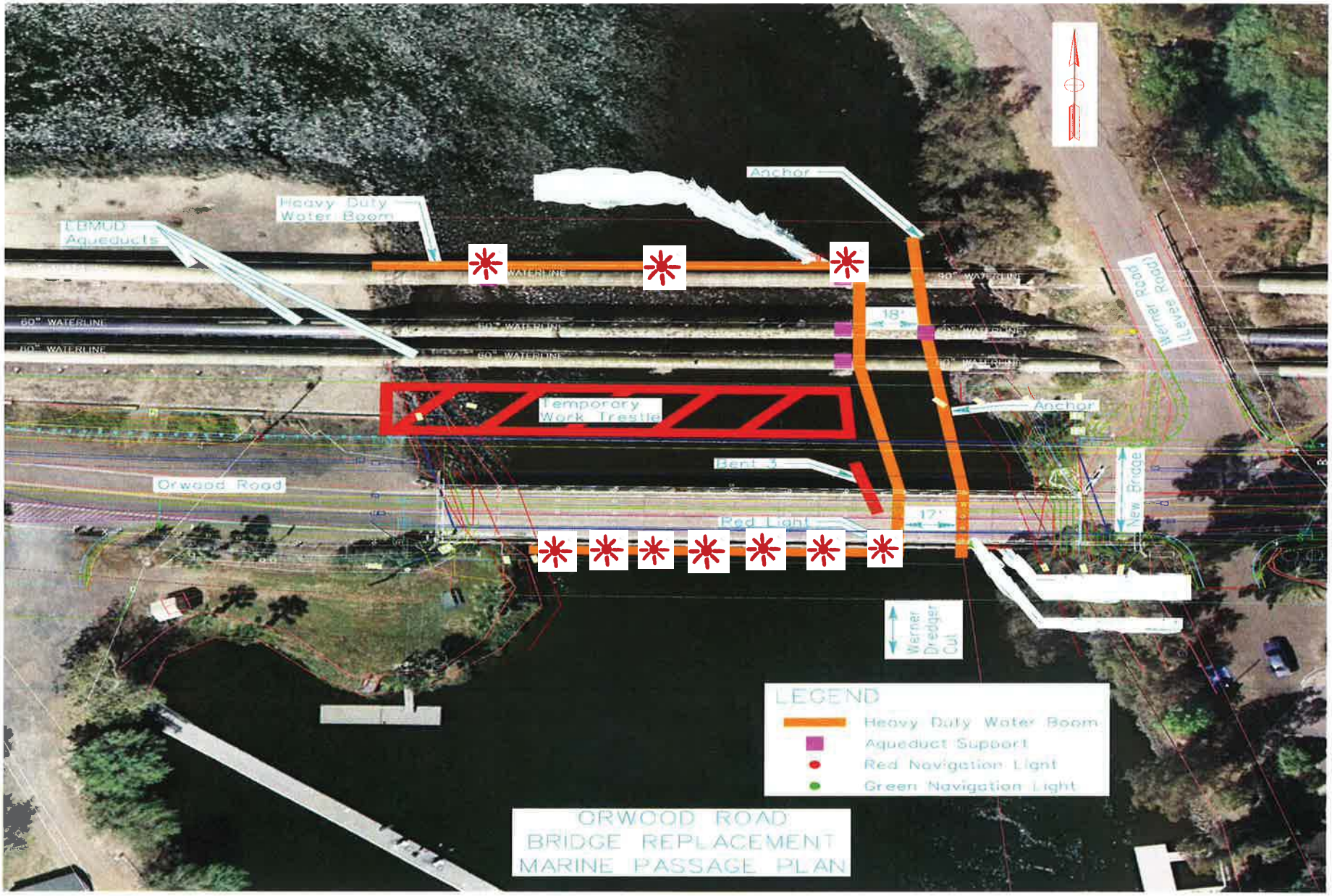
Telephone _____

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

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



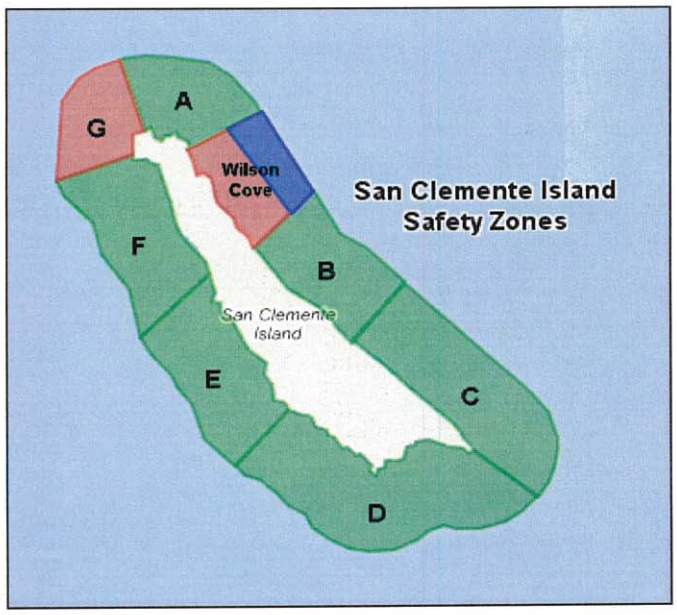
The temporary trestle will be placed between the existing Orwood Bridge and the EBMUD pipelines. A temporary boom will surround the entire project area leaving mariners with 17 feet of horizontal clearance at the eastern bank of Werner Cut. The in-water piers on the upstream pipeline and downstream existing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

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

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

For the purposes of Rule 30 of the 72 COLREGS, a vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the sea or river floor. Such a barge 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 88.30(h) through (l).

(USCG) 48/15

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

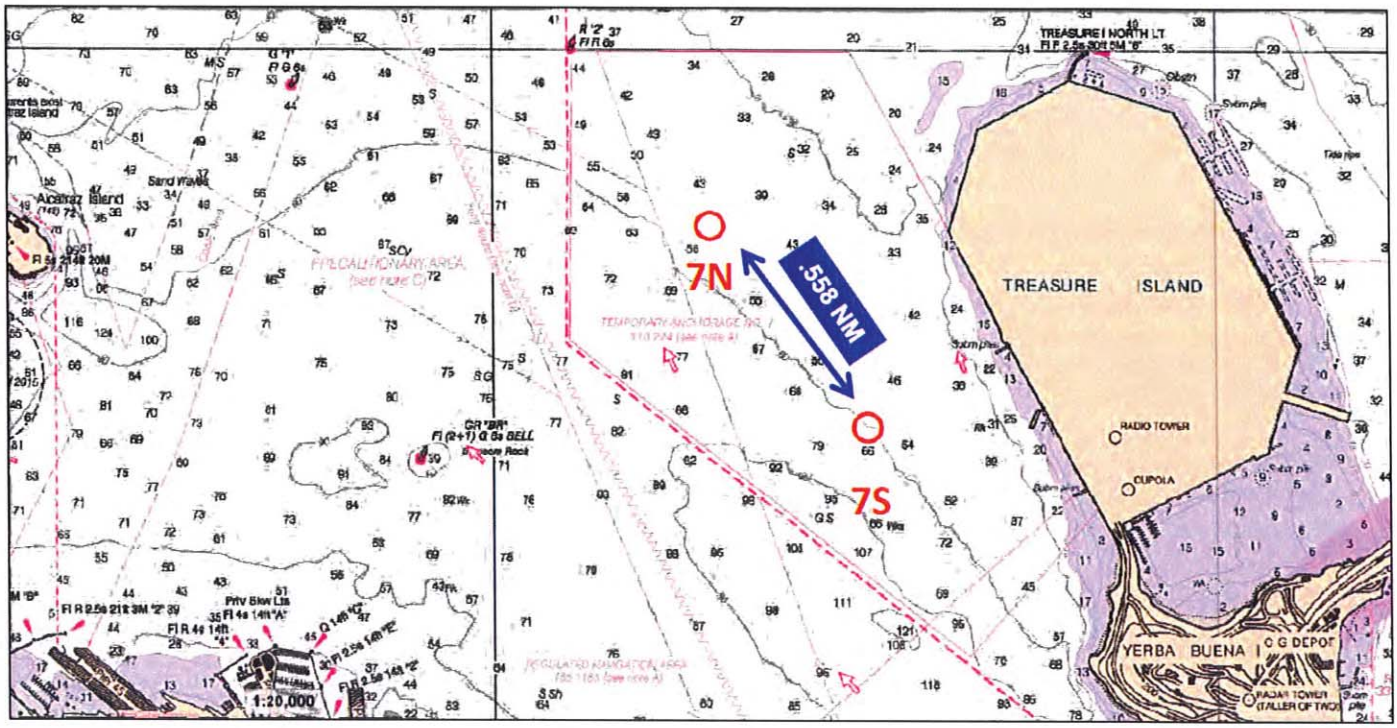
	ANCHORAGE 8A* BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
8A	37° 47.050'N	122° 21.725'W

*Anchorage 8A exists only when activated by VTS.

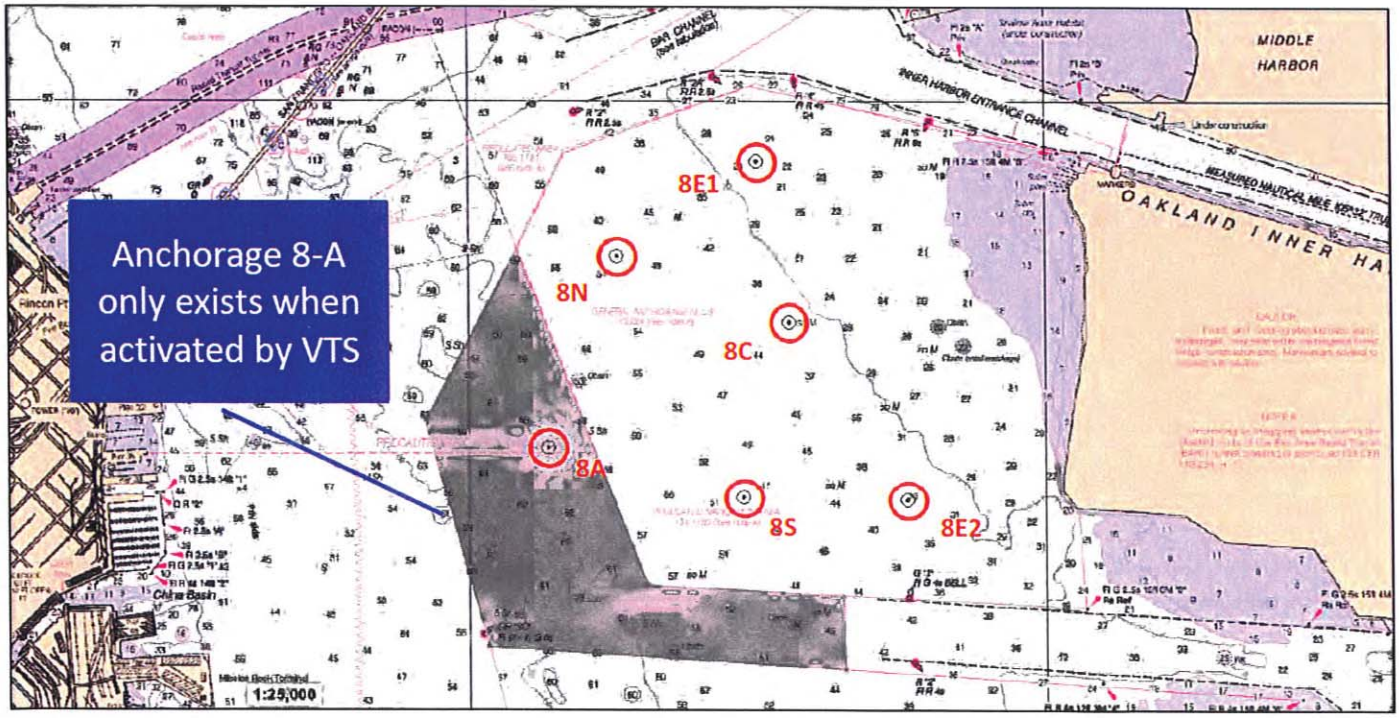
All existing regulations governing the use of these anchorages remain in effect. Vessels using these anchorages should strive to let go their anchor in the center of the drop bucket. For additional information please contact Sean Kelley, Sector San Francisco VTS Director (415) 399-7402.

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



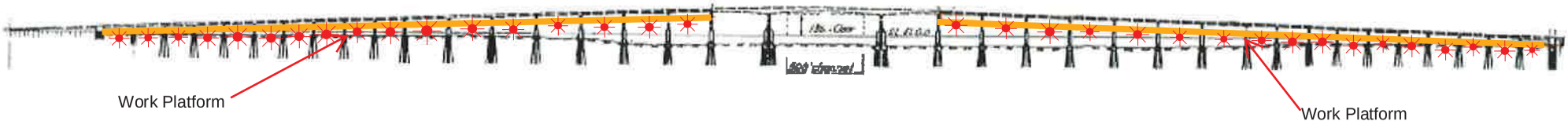
General Anchorages 8 & 8-A berths
Drop circles or "buckets" are .05NM (100 yds) in diameter

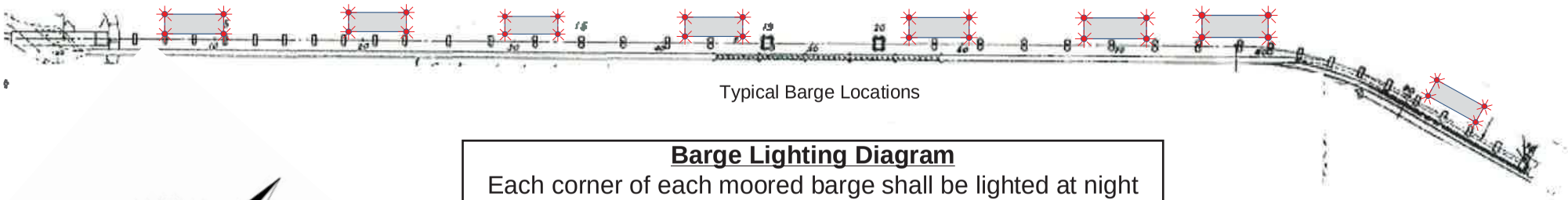


San Mateo-Hayward Bridge, mile 22.7, San Francisco Bay Maintenance - Work Platform and Barge Lighting Diagram

Below Deck Work Platform Lighting

The below deck platform will be lit at night with steady burning red lights placed upstream and downstream on the lowest hittable portion of the platform spaced every 75 feet.

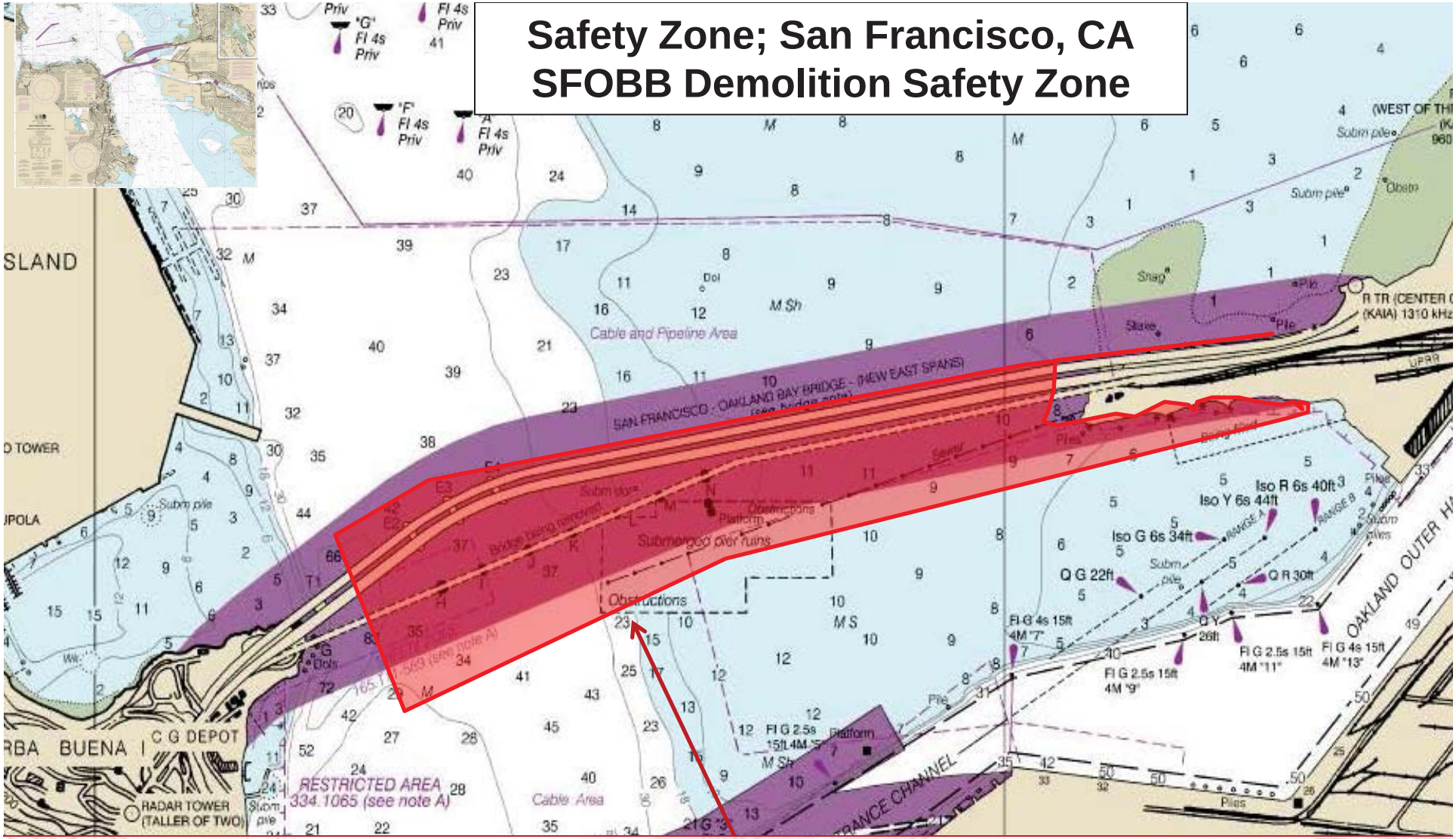




Barge Lighting Diagram

Each corner of each moored barge shall be lighted at night with steady burning all round red lights.

Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone

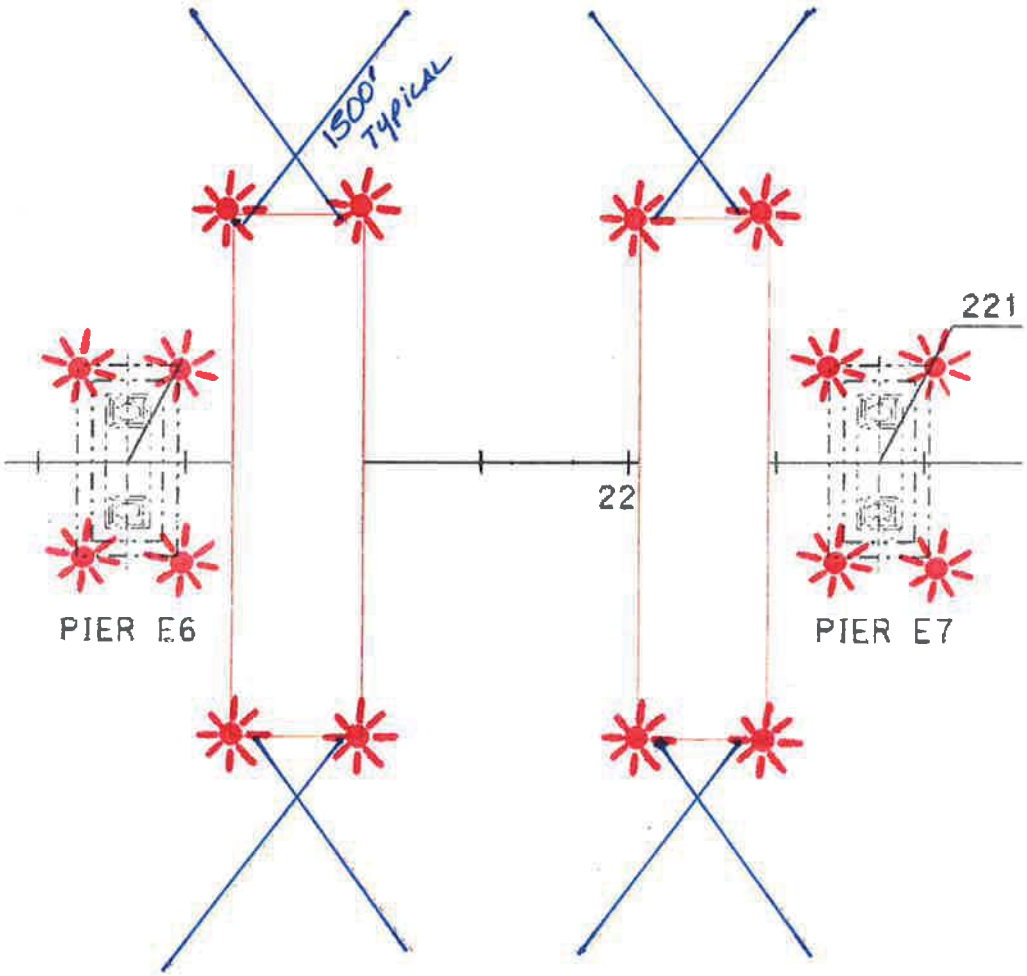


South Border:1000 feet south of the old SFOBB extending to Oakland shore line,
West Border:500 feet west of Pier H,
North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line
21 August 2015 – 31 December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

NOAA Chart 18650

Typical Barge Configuration - Eastern Span SFOBB, mile 8.9, San Francisco Bay

Two 250' X 72' barges, two 99' X 99' crane barges and a 133' X 46' ,material barge will be anchored and spudded underneath spans "I"-"J" (E4-E5), "J"-"K" (E5-E-6), "K"-"L" (E6-E7), "L"-"M" (E7-E8) , and "M"-"N" (E8-E9) at various times to facilitate removal of the spans. The barges will be lighted at night with steady burning red lights. A Coast Guard Captain of the Port Safety Zone is in effect in this work area. Mariners must receive permission from the COTP to enter the Safety Zone. Once the spans and its corresponding towers are removed, each corner of the exposed in-water remaining piers will be lighted at night with steady burning red lights.



Jan. 11, 2016

Commander
11th Coast Guard District, Building 50-2
Coast Guard Island
Alameda, Ca 94501-5100

Attention: Local Notice to Mariners
Phone No. 510.437.2970 Fax No. 510.437.3423
E-mail: d11lnm@uscg.mil

Subject: Notice to Mariners for Ventura Harbor Maintenance Dredging.

1. Name of Contractor **Manson Construction Co.**
340 Golden Shore, Suite 310
Long Beach CA 90802
Phone No. 562.983.2340

2. Contractor sponsor: U.S. Army Corps of Engineers, L.A District, Contract #W912PL-16-C-0005

3. Type of Operation: Hydraulic Maintenance dredging of Ventura Harbor and sand trap using the cutter suction dredge HR Morris.

4. Location/Position Information: Ventura Harbor, entrance channel and sand trap
34° 14' 52.99" N, 119° 15' 58.61"W

5. Start and End Dates: Mobilization of the pipeline and support equipment will commence on or around January 25, 2016. Dredging operations will begin on or about February 8, 2016 and continue for 23 days. Operations will run 24 hrs. a day 7 days a week.

6. Vessel (s) involved:

Vessel Name	Company	Call Sign	Phone
Dredge HR Morris	Manson Construction Co.	WCZ5434	562.762.5449
DB Freya	Manson Construction Co.	WDA9951	
Dredge Tender Pup	Manson Construction Co.	WAB4086	
Dredge Tender Cub	Manson Construction Co.	WCZ5656	
Survey Boat Renegade	Manson Construction Co.	WAB4086	

7. Radio: Yes No VHF – FM FREQ'S Monitored: 16 and 67

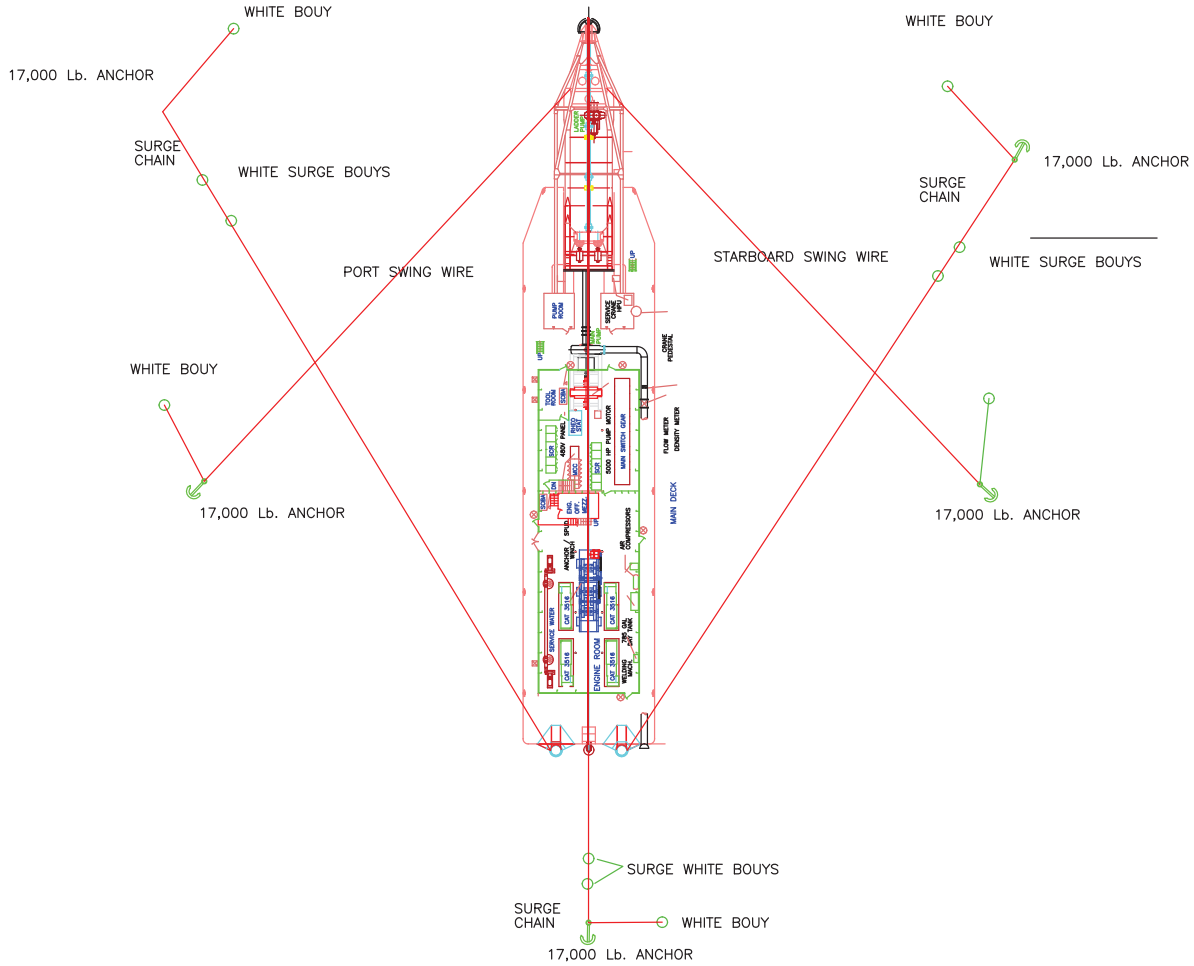
8. Any other Pertinent Info:

Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to the disposal area.

EXTREME CAUTION AND RADIO CONTACT: is requested when passing the dredge HR Morris.

9. POC Name & Telephone Numbers:

1. Dredge HR Morris **562.762.5449**
2. Max Oviedo-Project Manager **206.619.7729**
3. Bud Miles –Lead Leverman **562.762.5395**
4. Larry Hall-Fill Superintendent **510.773.7190**
5. Steven Marquez – Lead Engineer **562.756.6689**
6. Shannon Kay-Field Engineer **904.253.9815**
7. Tamas Ignacz-Field Engineer **904.718.5103**



PROJECT: H. R. MORRIS CHART

DRAWING TITLE: DREDGE CHART– ANCHOR SYSTEM FIGURE 2

DWN	MO	DATE	04-21-09
CKD		DATE	
APPD		DATE	
SCALE	1"=30'		
CADFILE			
DWG NO.	1	REV	—
SHEET	1 OF 1		

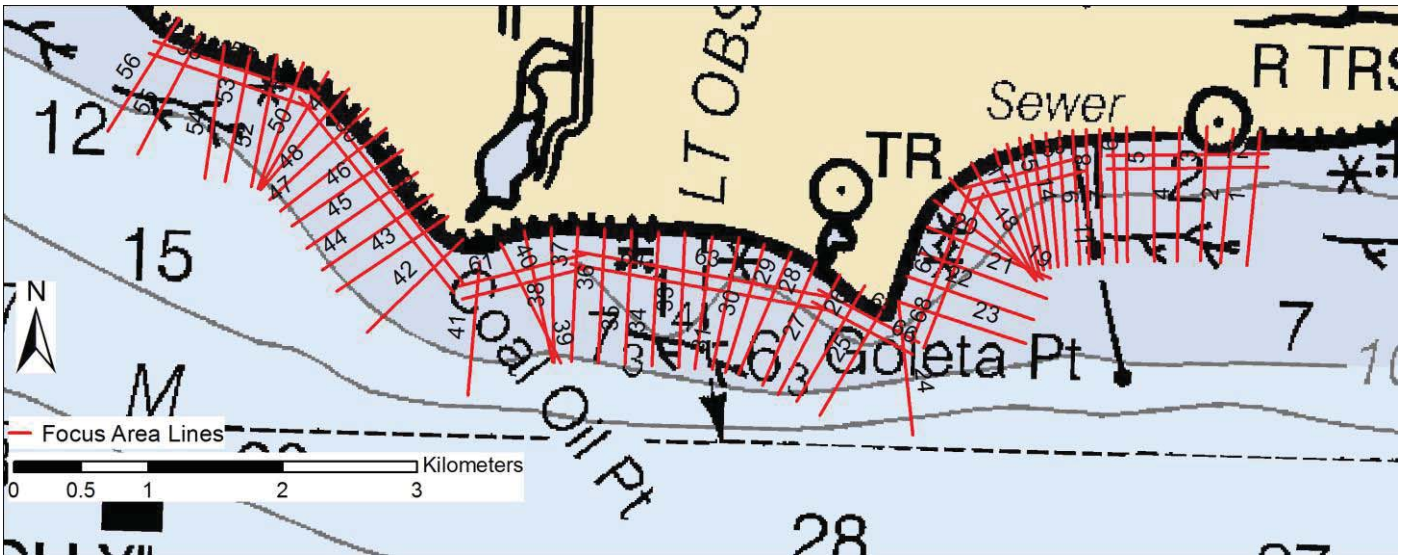


Figure 1a. Goleta focus area lines 1-72

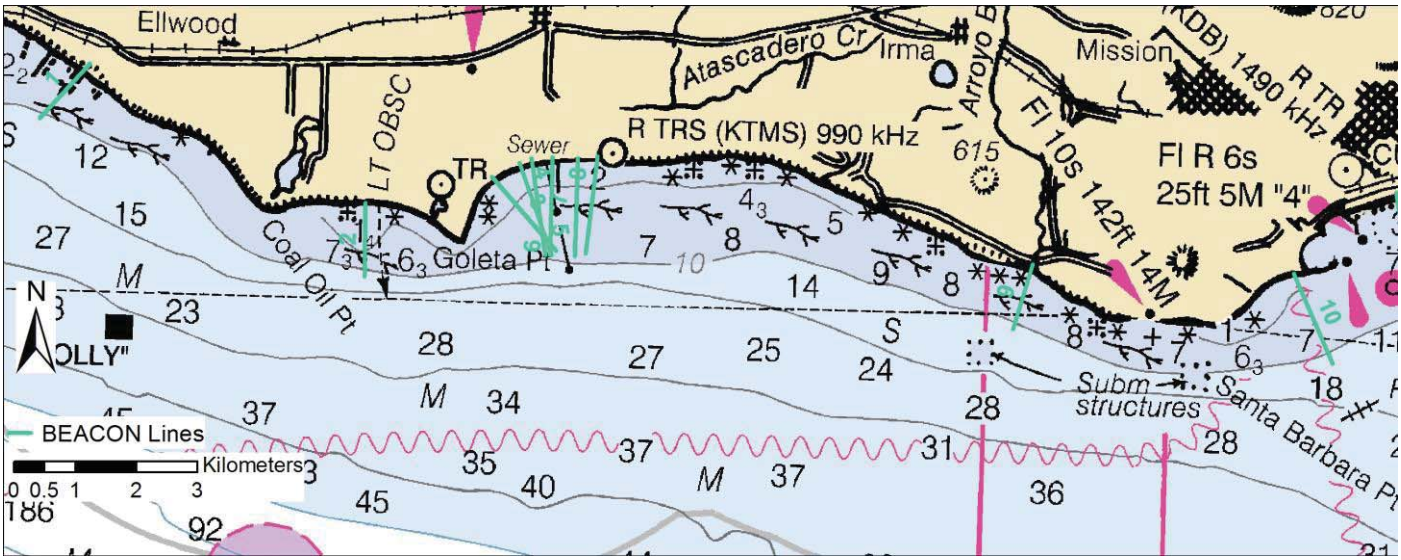


Figure 1b. Goleta-area BEACON lines 1-10

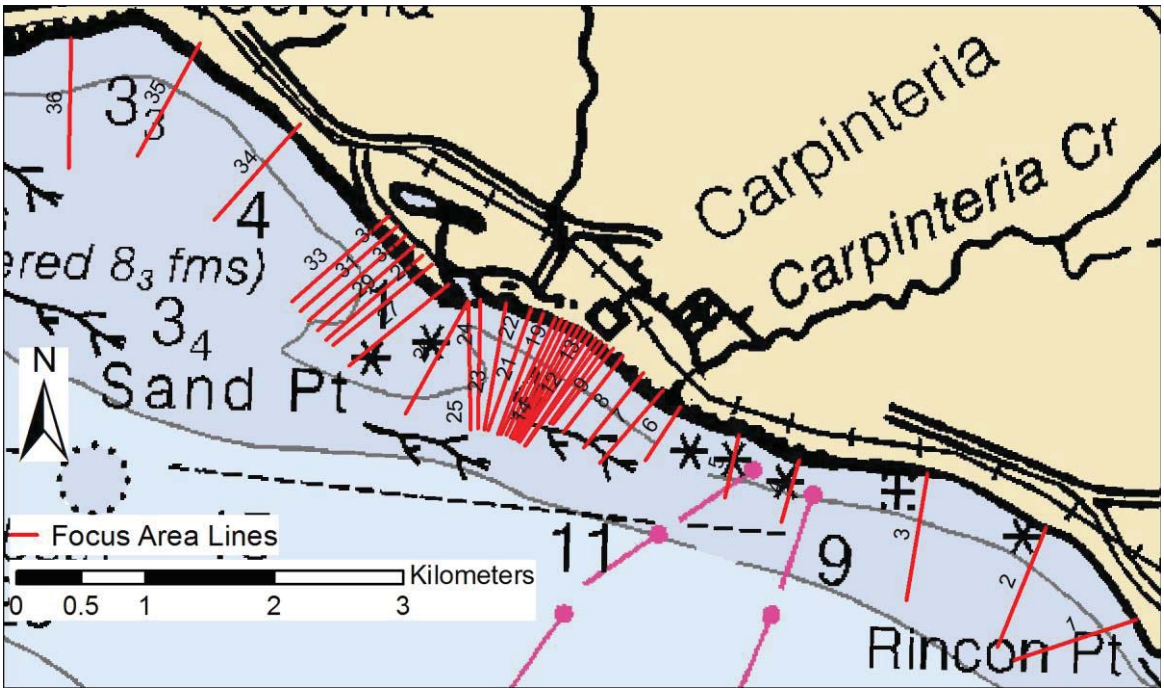


Figure 2a. Carpinteria focus area lines 1- 42

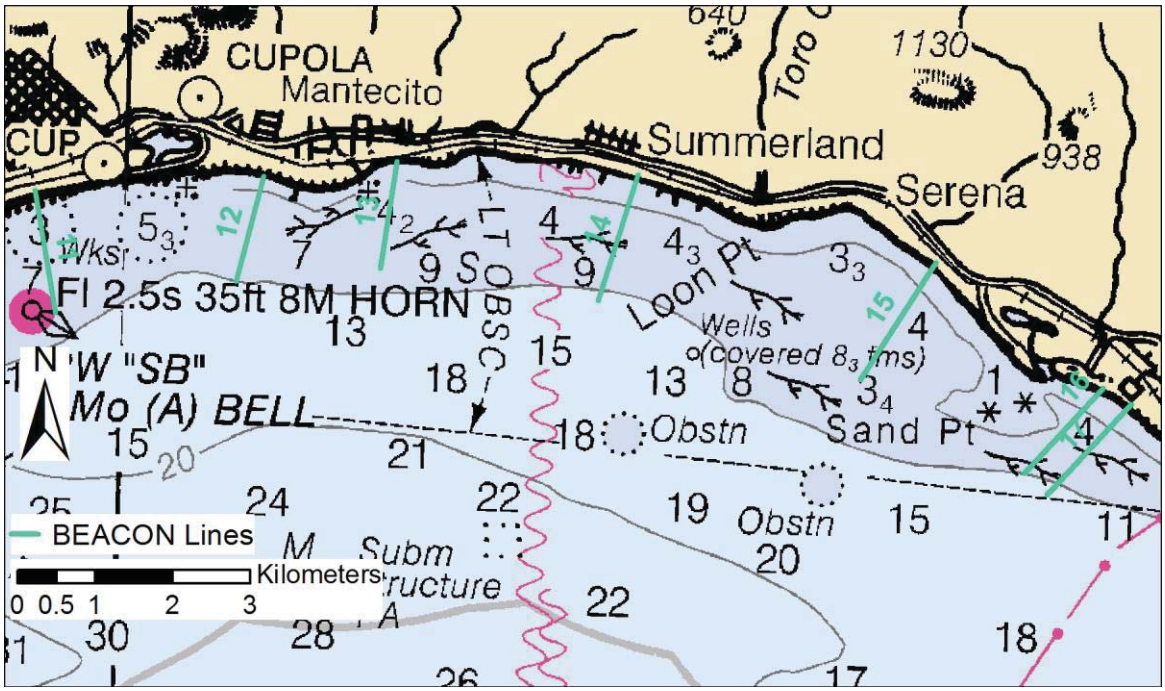


Figure 2b. Carpinteria area BEACON lines 11-17

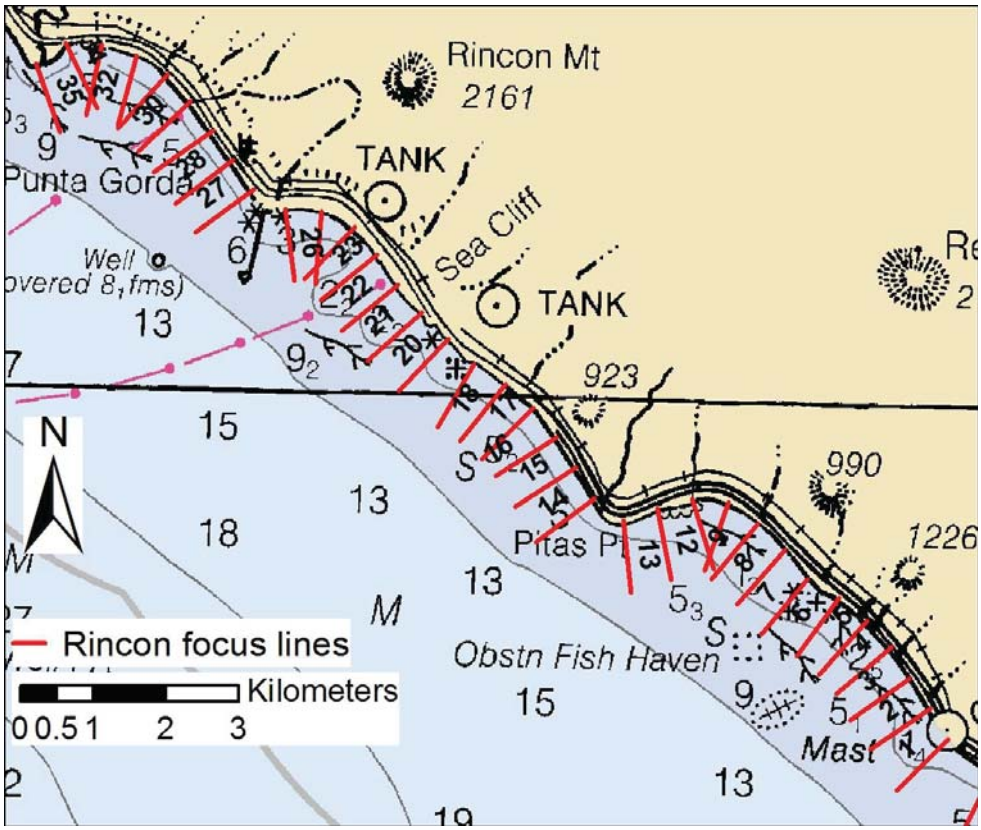


Figure 3a. Rincon focus area lines 1- 35

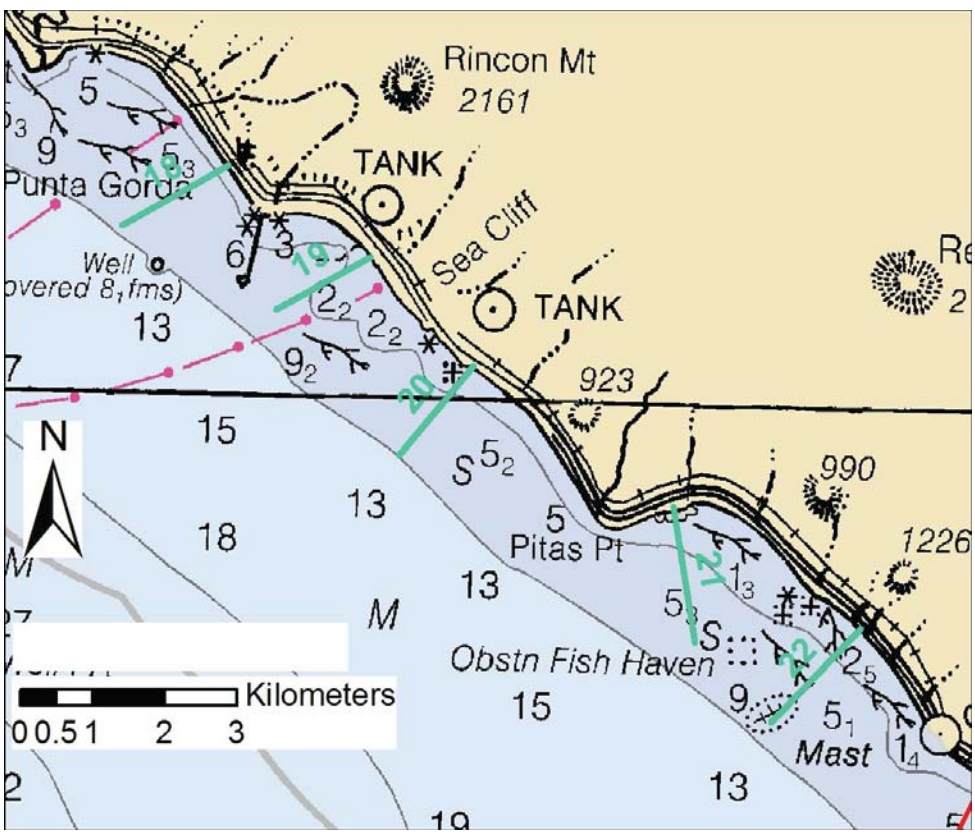


Figure 3b. Rincon-area BEACON lines 18-22

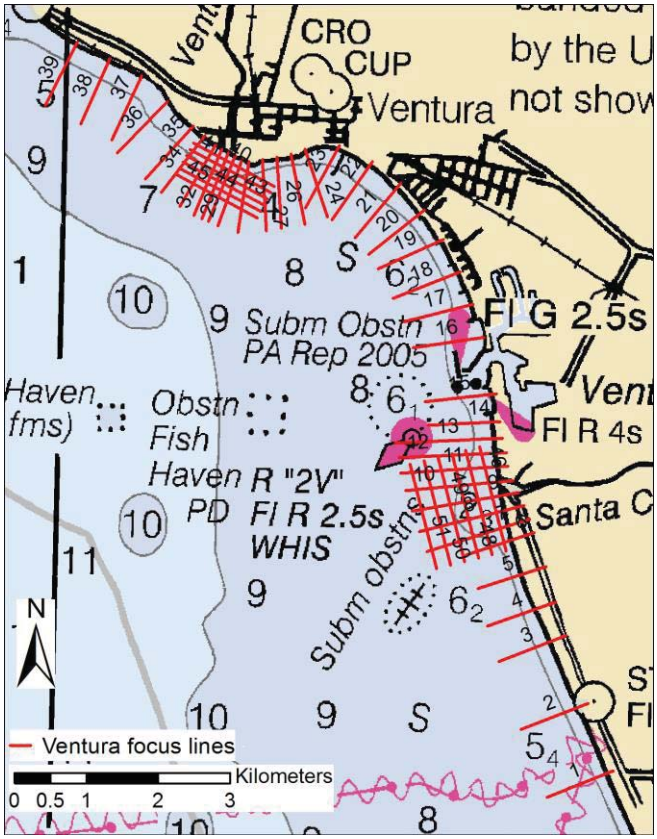


Figure 4a. Ventura focus area lines 1- 51

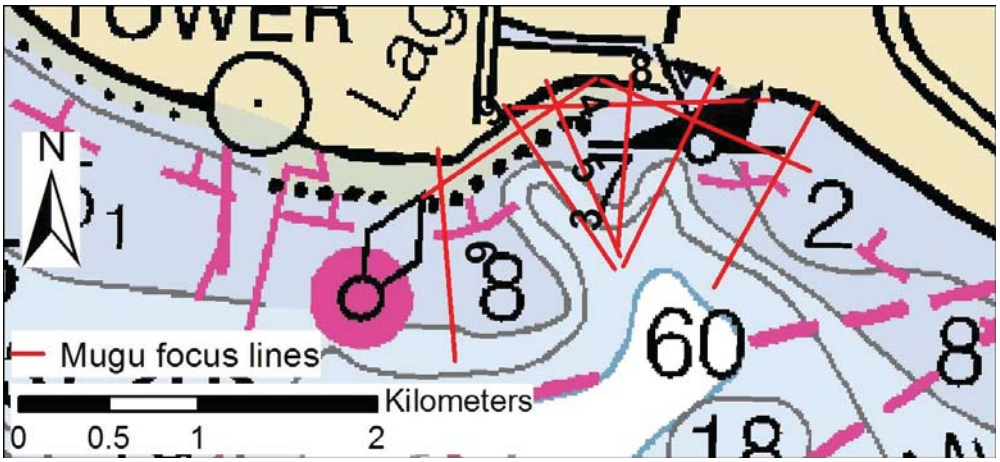


Figure 4b. Ventura-area BEACON lines 23-36

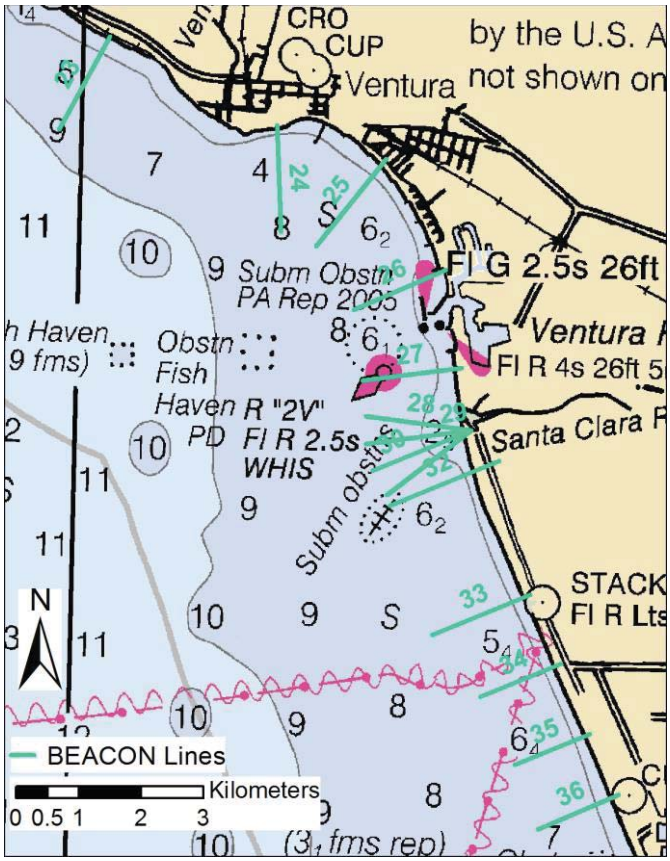


Figure 5a. Mugu focus area lines 1- 9

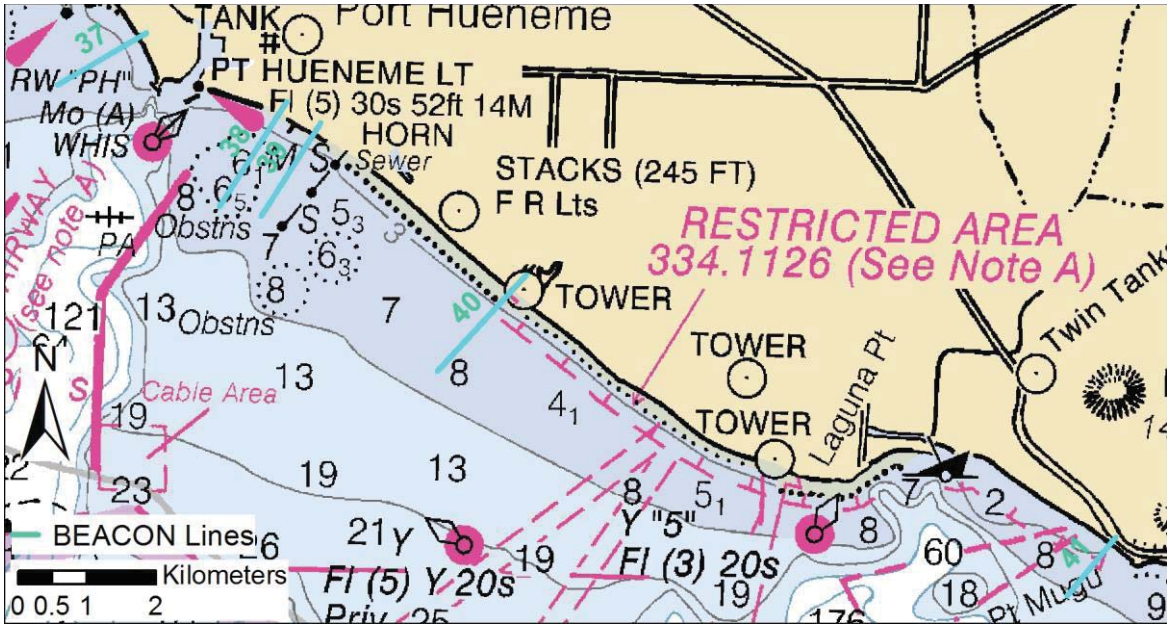


Figure 5b. Mugu-area BEACON lines 37-41

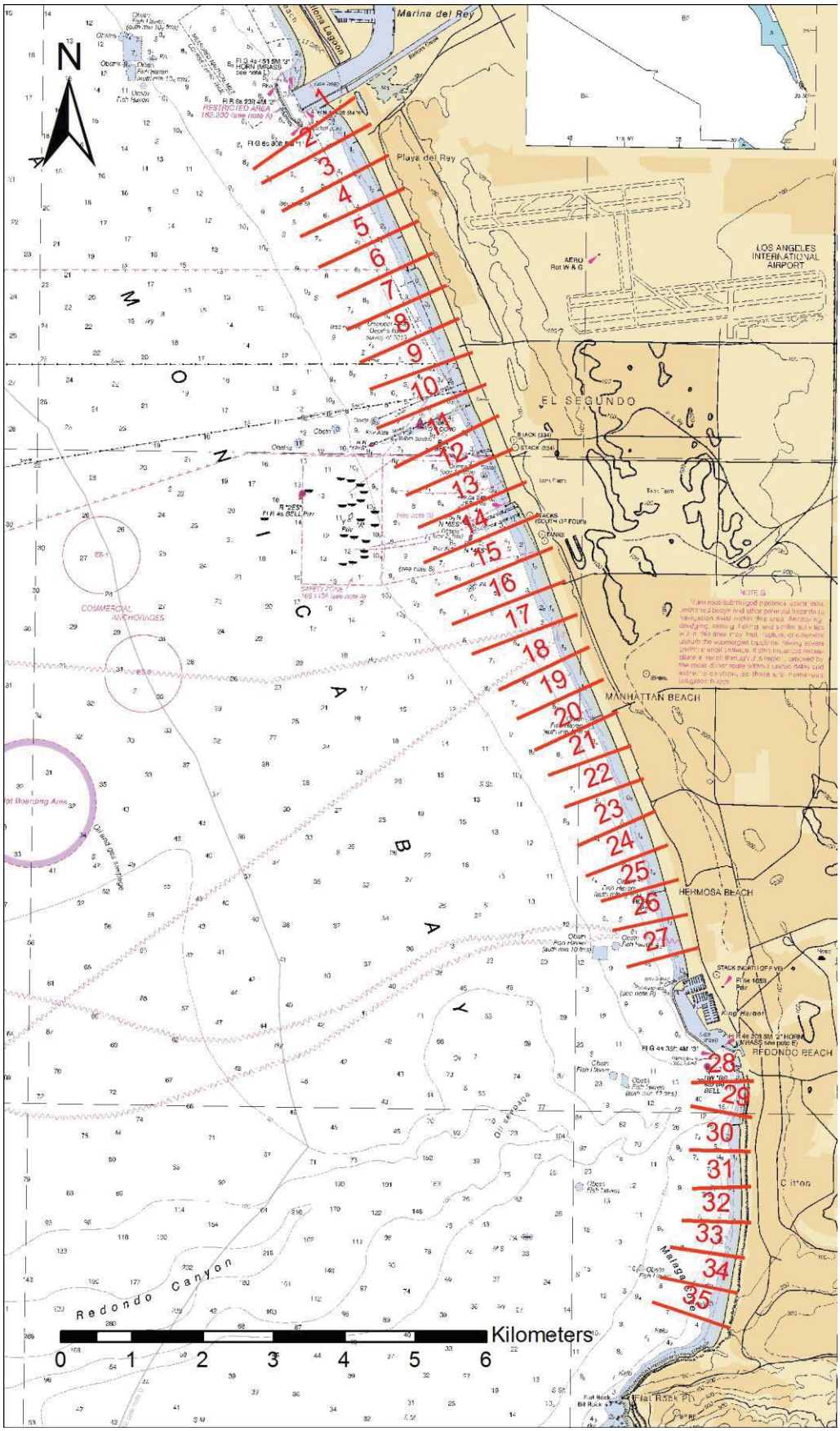


Figure 6. Santa Monica Bay lines 1-35 (NEW SURVEY AREA)

The overall (original) survey area is bounded by the coordinates:
34° 4.877’ -119° 3.851’
34° 4.877’ -119° 55.254’
34° 25.733’ -119° 3.851’
34° 25.733’ -119° 55.254’

The focus area and associated BEACON line survey areas are bounded by the coordinates:

1a. Goleta focus	1b. Goleta-area BEACON
34° 23.777 -119° 54.519	34° 23.386 -119° 55.254
34° 23.777 -119° 48.880	34° 23.386 -119° 41.382
34° 25.369 -119° 54.519	34° 25.733 -119° 55.254
34° 25.369 -119° 48.880	34° 25.733 -119° 41.382

2a. Carpinteria focus	2b. Carpinteria-area BEACON
34° 22.335 -119° 34.233	34° 22.969 -119° 40.751
34° 22.335 -119° 28.767	34° 22.969 -119° 31.480
34° 24.844 -119° 34.233	34° 25.183 -119° 40.751
34° 24.844 -119° 28.767	34° 25.183 -119° 31.480

3a. Rincon focus	3b. Rincon-area BEACON
34° 17.130 -119° 28.628	34° 17.646 -119° 27.816
34° 17.130 -119° 20.303	34° 17.646 -119° 21.056
34° 22.564 -119° 28.628	34° 21.709 -119° 27.816
34° 22.564 -119° 20.303	34° 21.709 -119° 21.056

4a. Ventura focus	4b. Ventura-area BEACON
34° 11.659 -119° 20.175	34° 10.427 -119° 20.225
34° 11.659 -119° 14.877	34° 10.427 -119° 14.230
34° 17.289 -119° 20.175	34° 17.208 -119° 20.225
34° 17.289 -119° 14.877	34° 17.208 -119° 14.230

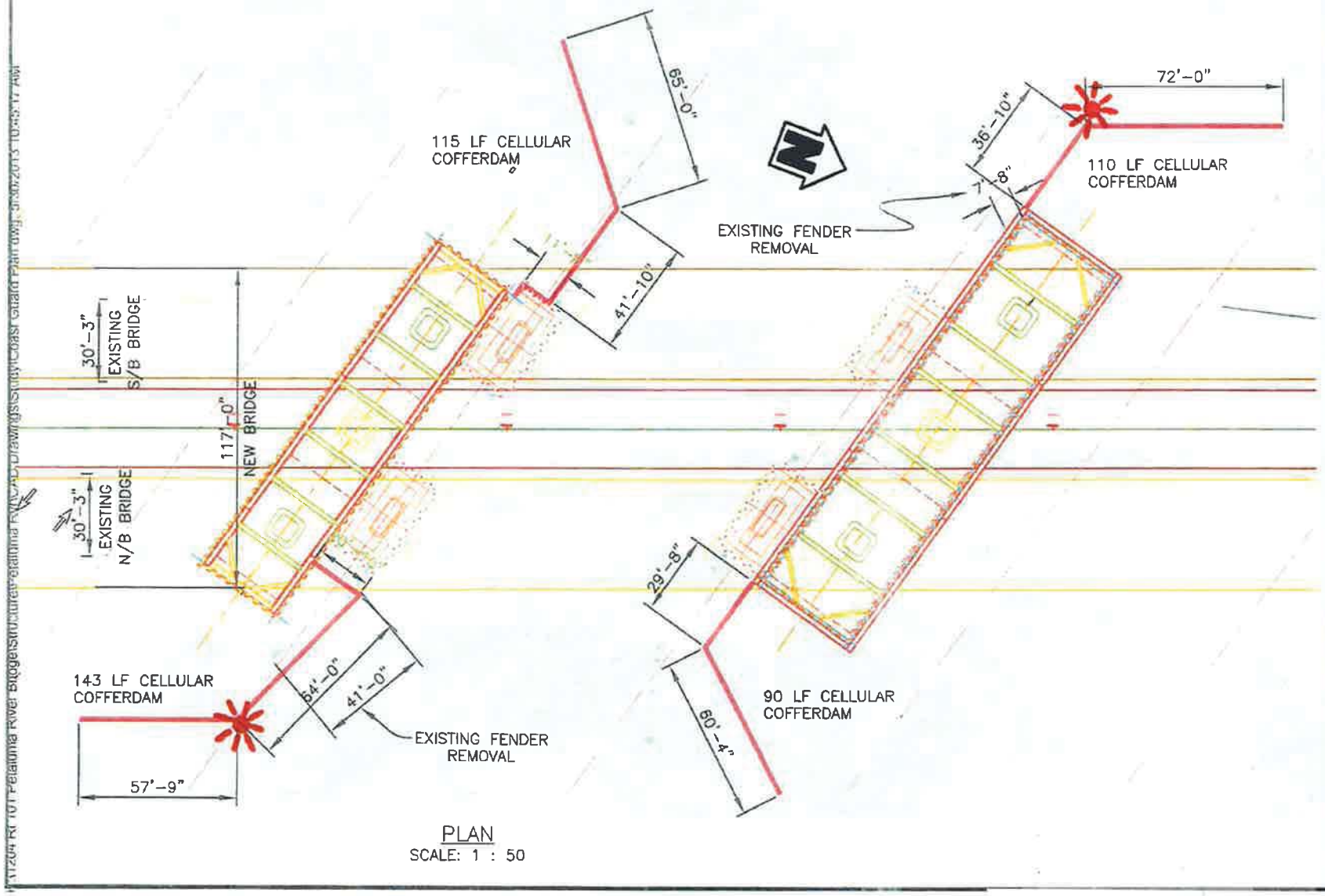
5a. Mugu focus	5b. Mugu-area BEACON
34° 5.132 -119° 6.472	34° 4.877 -119° 13.916
34° 5.132 -119° 5.044	34° 4.877 -119° 3.851
34° 6.031 -119° 6.472	34° 9.122 -119° 13.916
34° 6.031 -119° 5.044	34° 9.122 -119° 3.851

Additionally, the new survey area (Santa Monica Bay) is bounded by the coordinates:
33° 57.726 -118° 28.059
33° 48.356 -118° 28.059
33° 57.726 -118° 23.359
33° 48.356 -118° 23.359

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.

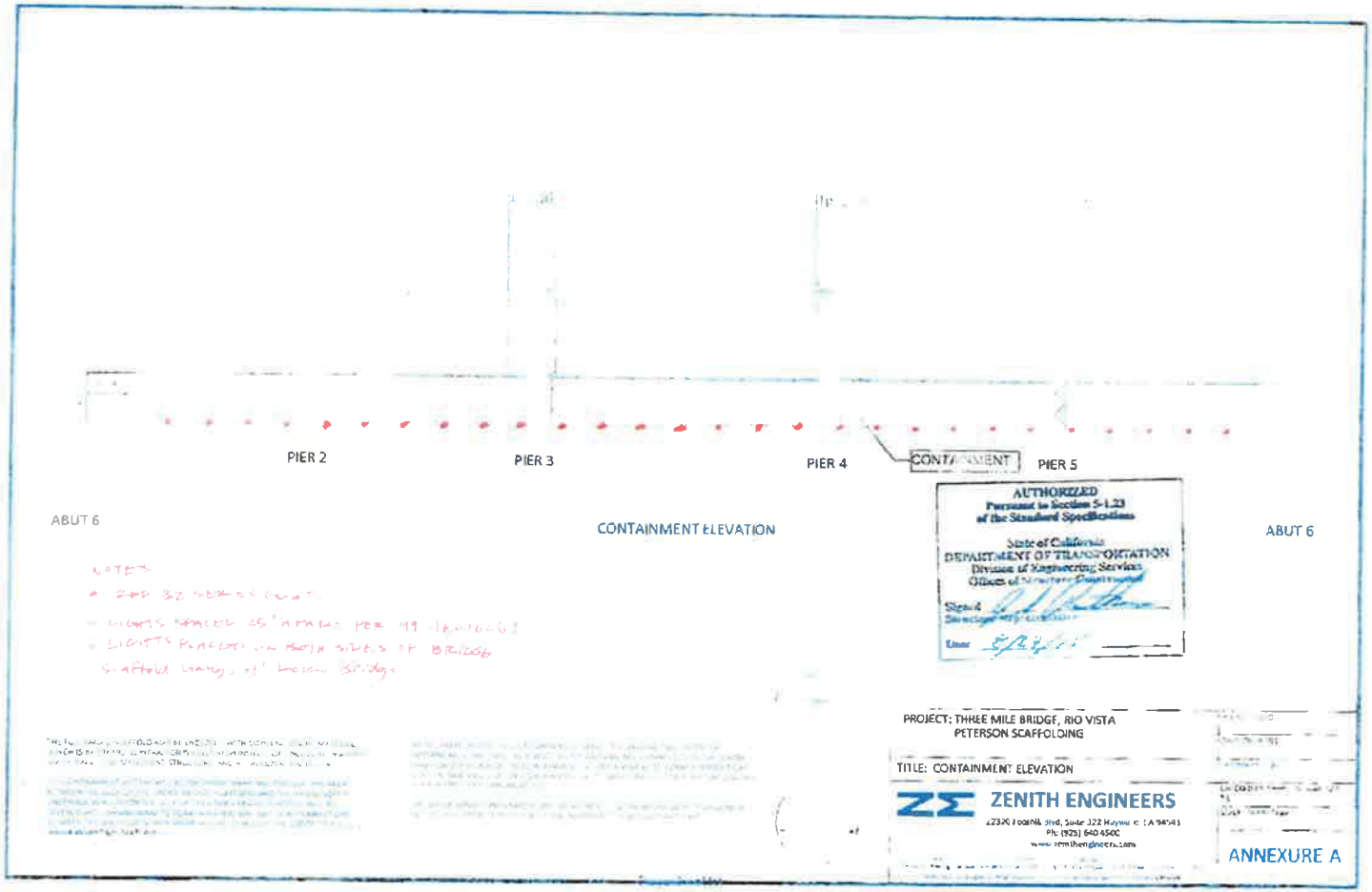


PETALUMA RIVER BRIDGE
COAST GUARD GENERAL PLAN

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

SHEET NUMBER 1 OF 1 SHEETS

Coast Guard Plan



Navigational Lights and/or Other Signals, approved as shown, pursuant to 33 CFR 118.

Date: 10/5/2015.

Signature:

DAVID H. SULOUFF
Chief, Bridge Section
11th Coast Guard District
By direction of District Commander

Maritime Safety and Security Bulletin: 005-14

Effective Date: 15 December 2014

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

SAN DIEGO BAY ZUNIGA JETTY SAFETY ADVISORY

Mariners operating in the vicinity of the entrance to San Diego Bay, specifically adjacent to the Zuniga Jetty, are reminded of the inherent hazards that exist along the semi-submerged break-wall. Follow all navigation charts for safe operating distance around the Jetty, associated shoal waters, and rock hazards. Do not navigate across or within any submerged portion of the Coast Guard navigation marked Jetty. Unfortunately, vessel accidents and injuries continue to occur due to vessel traffic crossing the submerged portions of the Jetty.

Zuniga Jetty, located just to the east of Point Loma and the federal entrance channel at the mouth of San Diego Bay, is a 7,500-foot north/south running breakwater that for over one hundred years has played an important role in stabilizing the entrance to San Diego harbor by blocking sediment flow into San Diego Bay. At high tide, up to two-thirds of the jetty may be submerged, and at low tide, the outer third of the jetty cannot easily be seen by approaching boaters. Submerged sections of various depths between existing navigation lights are hazardous to cross at any time.

Zuniga Jetty is marked with five "Danger Submerged Jetty" signs and five flashing white lights, marked in the Coast Guard Light List and on navigation charts as V through Z. At the southernmost end of the Zuniga Jetty, Light Z is marked with a Flashing White Light every 2.5 seconds and a continuous fog horn with a one-second blast every 10 seconds. Always consult your navigation charts when unfamiliar with the waterway. Printable PDF charts are available free of charge, at http://www.nauticalcharts.noaa.gov .

For more information about the role of the historic Zuniga Jetty, 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.

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