



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

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## LOCAL NOTICE TO MARINERS

**District: 11**

**Week: 08/21**

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

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2017 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 49th Edition. These publications, along with corrections, are available at: <https://nauticalcharts.noaa.gov/>

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0004-21, SF-0038-21, LA-0032-21, and SD-0014-21 have been incorporated in this notice, or will continue if still significant.

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### 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.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/> or call D11 Waterways Management Branch at 510-437-2980 or e-mail [D11LNM@uscg.mil](mailto:D11LNM@uscg.mil). Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

#### BRIDGE INFORMATION- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

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 [Delay\\_Report\\_11-2017.pdf](#) included in the Enclosures section of this Local Notice to Mariners.

#### BRIDGE INFORMATION-COMMUNICATIONS PROTOCOL-BENICIA/MARTINEZ UPRR BRIDGE- CARQUINEZ STRAIT

All mariners requiring a bridge lift at the Benicia-Martinez Union Pacific Railroad Bridge, mile 7.0, over the Carquinez Strait, California, should follow the protocol in the document entitled "Coordination of Communications for Union Pacific Railroad Lift Operations." Mariners can download a copy of the document by selecting the link BENICIA-MARTINEZ RR BRIDGE under the QUICK LINKS section at <https://www.pacificarea.uscg.mil/vtssf>.

#### CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS

The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all canceled NOAA charts is available at: <http://www.charts.noaa.gov/MCD/Dole.shtml>.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: <https://www.nauticalcharts.noaa.gov/farewell-to-traditional-nautical-charts.html>

An online NOAA Custom Chart application at: <https://devgis.charttools.noaa.gov/pod> is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

LNM: 52/25

#### CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids to navigation with varying degrees of reliability. Prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid to navigation. With respect to buoys, the buoy symbol is used

to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of the practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision in position fixing methods, prevailing atmospheric and sea conditions, slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying length of chain, and the fact that the buoy body and/or sinker positions are not under continuous surveillance, but are normally checked only during periodic maintenance visits which often occur more than a year apart. Due to the forces of nature, the position of the buoy body can be expected to shift inside and outside the charted symbol. The mariner is also cautioned that buoys may be extinguished or sound signals may not function as the result of natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Furthermore, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction that the buoy marks.

#### **HUMBOLDT BAY-SHOALING**

Due to shoaling at the south jetty tip of Humboldt Bay Bar, swells in excess of 8 ft may adversely affect the main shipping channel. Mariners are requested to transit the area with caution. For more details or comments contact the United States Coast Guard Sector Humboldt Bay at 707-839-6113.

#### **NORTHERN CALIFORNIA-HUMBOLDT BAY-SEASONAL AID DISCONTINUANCE**

Humboldt Bay Lighted Bell Buoy 2 (LLNR 8135) will be temporarily discontinued for the 2020-2021 winter season until May 2021. The buoy is scheduled for re-establishment and back on-station May 2021. A Synthetic AIS for the aid position is active and will be available year-round for this aid position. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or [ruth.a.sadowitz@uscg.mil](mailto:ruth.a.sadowitz@uscg.mil).

Charts: 18620 18622

LNM: 48/20

#### **NORTHERN CALIFORNIA-SAN FRANCISCO-HAZARD TO NAVIGATION**

Coast Guard Sector San Francisco is issuing a Marine Safety Information Bulletin (MSIB) 20-02. Vessels are reminded to utilize navigation lights In Accordance With (IAW) the Convention on the International Regulations for Preventing Collisions at Sea, 1972 (COLREGS) Rule 20 and Rule 20 of The Inland Navigational Rules Act of 1980 (33 C.F.R. 83.20). This notice is specifically addressing commercial vessels transiting with high-intensity "work lights" in navigation corridors around San Francisco Bay. Vessels are encouraged to maintain an active watch and maintain communication on VHF-FM Chan. 13 and 16 and, when the intentions of another vessel are unclear, communicate arrangements to reduce the risk of collision. For more details see enclosure Commercial\_Fishing\_Vessel\_Hazard.pdf.

Chart 18649

LNM: 51/20

#### **NORTHERN CALIFORNIA-SAN FRANCISCO-MILE ROCKS LIGHT-REDUCED NOMINAL RANGE**

Mile Rocks Light (LLNR 365) will have a temporarily reduced intensity of 5nm until further notice. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801.

Charts: 18007 18010 18020 18022 18640 18645 18649 18680

LNM: 16/19

#### **SAN DIEGO-SANTA BARBARA-OBSTRUCTION**

There is flag pole located in front of Santa Barbara Harbor Breakwater light (LLNR 3750). The flag pole is approximately 8-10 ft away from the aid, extends about 4-5 ft above the light and is at a bearing of 062. There is a possibility that the flagpole may obscure the visibility of the light if mariners are approaching from that bearing. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Diego at 619-278-7000.

LNM: 27/20

#### **SOUTHERN CALIFORNIA-SAN DIEGO-MARINE CONSTRUCTION**

Oceanside Breakwater Light 1 (LLNR 2295) is under construction and will not be operational until completion. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Diego at 619-278-7000.

Chart 18740

LNM: 06/21

#### **SOUTHERN CALIFORNIA-SAN DIEGO-SUBMERGED OBJECT**

A large ship anchor and 300 ft of anchor chain have been reported lost in 39 ft of water one nautical mile west of Silver Strand State Beach at 32-38-24N 117-10-08W. Mariners are requested to transit the area with caution. For more details or comments contact sector San Diego at 619-278-7000.

Chart 18773

LNM: 27/20

#### **SOUTHERN CALIFORNIA-SAN DIEGO-SUBMERGED OBJECT**

An anchored 16 ft center console pleasure craft has capsized and remains afloat 600 yds south of Hotel Del Coronado at 32-40-06N 117-10-09W. No Distress is associated with this wreck which has been marked with an unlit red marker buoy in approximately 28 ft of water. Mariners are requested to transit the area with caution. For more details or comments contact Coast Guard Sector San Diego at 619-278-7000.

Chart 18772

LNM: 34/20

#### **SOUTHERN CALIFORNIA-SAN PEDRO CHANNEL-LOS ANGELES EAST BASIN-WAMS**

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) survey of the San Pedro Channel and LA East Basin

which will remain open until 15 May 21. Anyone interested in participating can do so by using the following link:  
[https://www.research.net/r/SanPedroChannel\\_LAEastBasin](https://www.research.net/r/SanPedroChannel_LAEastBasin). This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in the San Pedro Channel and LA East Basin, 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 District 11 Waterways, LTJG LaMartina at Gabriel.W.LaMartina@uscg.mil.

Charts: 18748 18749

LNM: 08/21

**SOUTHERN CALIFORNIA-VESSEL CYBERSECURITY ALERT-LOS ANGELES-LONG BEACH**

The Los Angeles-Long Beach maritime community should be on high alert for phishing emails from malicious actors impersonating USCG email addresses. See enclosure (Vessel Cybersecurity Alert.pdf) below for more information.

LNM: 07/21

**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	ADRIFT	18022	SD-0039-18	52/16	
90	Newport Bay West Jetty Light 3	SS INOP	18754	LA-0112-20	45/20	
125	Long Beach Light	LT EXT	18751	LA-0148-20	49/20	
135	Los Angeles Light	LT EXT	18751	LA-0015-21	04/21	
<b>240</b>	<b>Morro Bay West Breakwater Light</b>	<b>SS INOP</b>	<b>18703</b>	<b>LA-0027-21</b>	<b>08/21</b>	
365	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
<b>370</b>	<b>Point Bonita Light</b>	<b>LT EXT</b>	<b>18649</b>		<b>08/21</b>	
415	Arena Cove Lighted Bell Buoy A	SINKING	18640	HB-0010-20	25/20	
2440	Newport Bay West Jetty Light 3	SS INOP	18754	LA-0112-20	45/20	
2641	Isthmus Cove Harbor Reefs Light	STRUCT DMGD	18757	LA-0018-21	05/21	
2670	Santa Catalina Island West End Light	LT EXT	18757	LA-0113-19	34/19	
3007	Long Beach Channel Pier J Lighted Buoy 2	LT EXT	18751	LA-0007-21	02/21	
3012	Long Beach Light	LT EXT	18751	LA-0148-20	49/20	
3110	Los Angeles Light	LT EXT	18751	LA-0015-21	04/21	
3785	Santa Barbara Harbor Lighted Buoy 11	OFF STA	18725	LA-0154-20	50/20	
<b>3835</b>	<b>Morro Bay West Breakwater Light</b>	<b>SS INOP</b>	<b>18703</b>	<b>LA-0027-21</b>	<b>08/21</b>	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0064-20	27/20	
<b>4220</b>	<b>Point Bonita Light</b>	<b>LT EXT</b>	<b>18649</b>		<b>08/21</b>	
4240	Four Fathom Bank Lighted Bell Buoy	MISSING	18649	SF-0007-21	02/21	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
4315	Alcatraz Light	LT EXT	18650	SF-0023-21	06/21	
4370	Raccoon Strait Lighted Buoy 3	OFF STA	18649	SF-0162-20	51/20	
4675	Oakland Inner Harbor Light 8	LT EXT	18650	SF-0004-21	01/21	
4912	Lash Terminal Approach Lighted Buoy 2	SINKING	18650	SF-0040-20	16/20	
5130	San Francisco Bay South Channel Light 8	DAYMK MISSING	18651	SF-0023-20	08/20	
5250	Redwood Creek Light 16	STRUCT DMGD/TRLB	18651	SF-0109-19	43/19	
5515	San Francisco Bay North Channel Lighted Buoy 14	MISSING	18649	SF-0074-20	29/20	
6095	Mare Island Strait Light 2	STRUCT DMGD/TRLB	18655	SF-0152-20	49/20	

6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036-17	05/17
6506	Suisun Bay Buoy A	BUOY DMGD	18658	SF-0120-20	40/20
<b>6825</b>	<b>San Joaquin River Light 38</b>	<b>LT EXT</b>	<b>18660</b>	<b>SF-0035-21</b>	<b>08/21</b>
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-19	23/19
<b>7125</b>	<b>Stockton Channel Range J Rear Light</b>	<b>LT EXT</b>	<b>18663</b>	<b>SF-0032-21</b>	<b>08/21</b>
7235	Sacramento River Deep Water Ship Channel Light 15	MISSING/TRLB	18660	SF-0100-20	35/20
7240	Sacramento River Deep Water Ship Channel Light 16	STRUCT DEST/TRLB	18660	SF-0127-18	34/18
8525	Lake Tahoe Buoy AB	DAYMK IMCH	18665	SF-0067-20	27/20

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
390	NOAA Environmental Buoy 46013	REBUILT/RECOVERED	18640	SF-0011-21	04/21	08/21
1505	San Diego Bay Entrance Range Rear Light	WATCHING PROPERLY	18773	SD-0010-21	08/21	08/21
4160	San Francisco Main Ship Channel Lighted Bell Buoy 1	WATCHING PROPERLY	18649	SF-0031-21	08/21	08/21
6890	San Joaquin River Light 56	WATCHING PROPERLY	18660	SF-0034-21	08/21	08/21
7005	Stockton Channel Range E Front Light	WATCHING PROPERLY	18663	SF-0031-21	08/21	09/21

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20	Ocean Beach Pier Fog Sound Signal	SS INOP	18765	SD-0002-19	05/19	
158	Scripps Waverider Lighted Research Buoy 092	OFF STA	18746		45/18	
1765	Harbor Island East Basin Channel Buoy 2	OFF STA	18773	SD-0028-19	19/19	
1775	Harbor Island East Basin Channel Buoy 4	MISSING	18773	SD-0039-20	29/20	
1790	Harbor Island East Basin Channel Buoy 10	OFF STA	18773	SD-0044-19	27/19	
1900	Glorietta Bay Channel Lighted Buoy 8	LT IMCH	18773		50/18	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
2288	Scripps Waverider Lighted Research Buoy 220	OFF STA	18765	SD-0041-20	30/20	
2289.1	Scripps Waverider Lighted Research Buoy 100	OFF STA	18765		22/20	
2289.4	Scripps "CORDC" Lighted Research Buoy	MISSING	18765		22/20	
2871	Long Beach Harbor Brusco Lighted Mooring Buoy	LT EXT	18751	LA-0009-21	03/21	
3339.2	REDONDO HARBOR LIGHT	LT EXT	18744	LA-0181-18	52/18	
3420	Hyperion Lighted Gong Buoy 10 ES	LT EXT	18744		16/20	
3972.1	Monterey Harbor Junction Lighted Buoy A	MISSING	18685	SF-0019-20	05/20	
4401	Richardson Bay Daybeacon 8	DAYMK DMGD	18653		15/20	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	
4578	South Beach Harbor South Entrance Light 1	LT EXT	18650	SF-0091-20	33/20	
4826	Bay Farm Island Light 1	LT EXT	18650	SF-0014-19	05/19	
4826.15	Bay Farm Island Light 3	LT EXT	18650	SF-0014-19	04/19	
4827.1	Anchorage 9 Lighted Mooring Buoy A	LT EXT	18650	SF-0012-20	04/20	
4828.1	Anchorage 9 Lighted Mooring Buoy B	LT EXT	18650	SF-0013-20	04/20	
5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT	18653	SF-0029-20	10/20	

5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT/RAC INOP	18653	SF-0026-19	07/19
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING	18653		36/18
6623	New York Slough Koch West Light	LT IMCH	18659		39/18
6624	New York Slough Koch East Light	LT EXT	18659		39/18
6645.5	Delta Diablo Outfall Lighted Buoy	BUOY DMGD	18659		39/18

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4465	San Francisco - Oakland Bay Bridge Pier G Fog Signal	WATCHING PROPERLY	18650		32/20	08/21

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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
280	Point Sur Light	Reduced Intensity	18686	SF-0105-20	35/20	
3785	Santa Barbara Harbor Lighted Buoy 11	RELOCATED FOR DREDGING	18725	LA-0058-20	16/20	
6665	San Joaquin River Daybeacon 1	TRUB	18659	SF-0075-20	30/20	

**TEMPORARY CHANGES CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01	074-02-48.001W
	Green can				at 40-41-09.001N	
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.

<b>501</b>	<b>13th Ed.</b>	<b>01-JUN-09</b>	<b>Last LNM: 29/20</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: North Pacific Ocean West Coast Of North America Mexican Border To Dixon Entrance</i>						
<b>Main Panel 1650 MEXICAN BORDER TO DIXON ENTRANCE. Page/Side: N/A</b>						
RELOCATE		NOAA Environmental Lighted Buoy 46022			CGD11	124-37-46.000W
		Relocate			from 40-54-01.000N	124-31-37.000W
					to 40-44-53.000N	
<b>18007</b>	<b>33rd Ed.</b>	<b>01-FEB-09</b>	<b>Last LNM: 29/20</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: San Francisco to Cape Flattery</i>						
<b>Main Panel 1652 SAN FRANCISCO TO CAPE FLATTERY. Page/Side: N/A</b>						
RELOCATE		NOAA Environmental Lighted Buoy 46022			CGD11	124-37-46.000W
		Relocate			from 40-54-01.000N	124-31-37.000W
					to 40-44-53.000N	
<b>18010</b>	<b>22nd Ed.</b>	<b>01-SEP-12</b>	<b>Last LNM: 29/20</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: Monterey Bay to Coos Bay</i>						
<b>Main Panel 1653 MONTEREY BAY TO COOS BAY. Page/Side: N/A</b>						
RELOCATE		NOAA Environmental Lighted Buoy 46022			CGD11	124-37-46.000W
		Relocate			from 40-54-01.000N	124-31-37.000W
					to 40-44-53.000N	
<b>18620</b>	<b>24th Ed.</b>	<b>01-FEB-12</b>	<b>Last LNM: 29/20</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: Point Arena to Trinidad Head; Rockport Landing; Shelter Cove</i>						
<b>Main Panel 1806 POINT ARENA TO TRINIDAD HEAD. Page/Side: N/A</b>						
RELOCATE		NOAA Environmental Lighted Buoy 46022			CGD11	124-37-46.000W
		Relocate			from 40-54-01.000N	124-31-37.000W
					to 40-44-53.000N	
<b>18622</b>	<b>56th Ed.</b>	<b>01-APR-16</b>	<b>Last LNM: 05/21</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: Humboldt Bay</i>						
<b>Main Panel 1809 HUMBOLDT BAY. Page/Side: A</b>						
ADD		Wreck not visible during mean low water			CGD11	124-13-22.375W
					40-45-30.374N	
ADD		Wreck, not visible during mean low water.			CGD11	124-13-23.669W
					40-45-29.459N	
<b>18665</b>	<b>11th Ed.</b>	<b>01-AUG-04</b>	<b>Last LNM: 32/14</b>	<b>NAD 83</b>		<b>08/21</b>
<i>Chart Title: Lake Tahoe (Metric)</i>						
<b>Main Panel 1865 LAKE TAHOE. Page/Side: N/A</b>						
ADD		Visible Wreck			CGD11	119-59-43.860W
					38-56-45.960N	

## 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)**

**SOUTHERN CALIFORNIA-ANAHEIM BAY-TEMPORARY CHANGE**

The U.S. Coast Guard will temporarily change the following aids to floating aids in regards to the Anaheim Bay Project:

Anaheim Bay Channel Light 9 LLNR (2820)

Anaheim Bay Channel Light 10 LLNR (2825)

Anaheim Bay Channel Light 11 LLNR (2826)

Anaheim Bay Channel Light 13 LLNR (2827)

Anaheim Bay Channel Light 17 LLNR (2829)

For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or [ruth.a.sadowitz@uscg.mil](mailto:ruth.a.sadowitz@uscg.mil).

Chart 18749

LNM: 15/20

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**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).

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**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

<b><u>Proposed Project(s)</u></b>	<b><u>Closing</u></b>	<b><u>Docket No.</u></b>	<b><u>Ref. LNM</u></b>
<b>None</b>			

**Proposed Change Notice(s)**

**CALIFORNIA-HALF MOON BAY-PILLAR POINT HARBOR-SOUND SIGNAL**

The U.S. Coast Guard is seeking data on the effectiveness and importance of the Pillar Point Harbor Entrance Light and Sound Signal, Light List number 4145, located on the eastern end of the western Pillar Point Harbor break-wall in position 37-29-38.473N 122-29-04.948W. Comments concerning this Aid to Navigation can be sent to Sector San Francisco Waterways Safety, CWO Price, Mickey.T.Price@uscg.mil.

Chart 18682

LNM: 50/20

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**SECTION VII - GENERAL**

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

**2021 COAST GUARD LIGHT LIST AVAILABILITY**

2021 Light Lists are available on the USCG Navigation Center's website at: <http://www.navcen.uscg.gov/?pageName=lightLists>. Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Local Notice to Mariners will continue to advise Light List corrections and NAVCEN will continue to publish a compilation of corrections. Complete versions of the 2021 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 weekly 2021 Light List corrections are available at:

<https://www.navcen.uscg.gov/?pageName=lightListCorrections>.

LNM: 03/21

**ARIZONA-BULLHEAD CITY-COLORADO RIVER-DAVIS DAM**

A rocky shoal has been reported below the Davis Dam in position 35-11-34N 114-34-16W where depths are reported between 5' to less than 1' depending upon the outflow from the dam. Recreational vessels have been seen running aground after making contact with the rocks as there are no signs or buoys marking the area. Mariners are requested to transit the area with caution. For more details or comments contact USCG Sector San Diego at 619-278-7073.

LNM: 16/18

**ARIZONA-COLORADO RIVER-BRIDGE**

CIBOLA FARMERS BRIDGE-La Paz County is rehabilitating the bridge Monday through Friday during daylight hours, through 12 Aug 21. A temporary underdeck platform has been installed under span 3 reducing vertical clearance in that span by 4 feet. The main navigational channel is temporarily established in span 4, providing 17 feet vertical clearance over ordinary high water and 48 feet horizontal clearance between piers. Span 4 is marked with upstream and downstream green center channel lights and red pier lights. The upstream and downstream lower edges of the temporary underdeck platform is lighted at night with steady burning red lights (see [Cibola\\_Alternate\\_Channel.pdf](#) at the end of this notice). Mariners are requested to transit the area with caution. For conditions at the bridge project site mariners can contact 928-210-1913 or 928-897-1151. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

LNM: 40/20

**LOWER COLORADO RIVER-MARINE EVENT-PARKER, AZ**

The Parker International Marathon will sponsor a 6 nm water ski race consisting of 150 participants from 0600 to 1700 on 07-08 Mar 21. The race course will start in front of Patricia Flats and end near La Paz County Park. Mariners are requested to transit the area with caution. For more detail or comments contact Dusty Schulz at 818-439-0592.

LNM: 07/21

**NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS**

NOAA has deployed two research moorings in the following positions:

38-03-03N 123-27-24W

**NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS**

34-03-24N 123-29-09W

These are orange mooring buoys that have a flat surface float, flagpole, flag, and radar reflector. R/V MUSSEL POINT will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Danielle Lipski at 415-464-5264.

Charts: 18010 18645

LNM: 52/18

**NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE**

BON AIR RD BRIDGE REPLACEMENT-Construction of the replacement bridge continues. A temporary work trestle spans the channel and provides 20' of horizontal clearance, pile to pile, and 3' of vertical clearance from mean high water to the lowest hittable portion of the trestle (see BonAirRd\_Trestle.pdf at the end of this notice for navigation channel location). Four cofferdams have been placed within the creek to facilitate construction of the replacement bridge piers. Work will be conducted Monday through Saturday from 0700-1800. Mariners are requested to transit the area with caution. For conditions at the construction site, mariners can contact the contractor at 925-953-4610/916-919-2428 or the city at 415-259-7050. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 41/18

**NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE**

DOWNSTREAM CA ROUTE 160 BRIDGE-Caltrans has completed replacement of the rock slope scour protection at each in-water pier. The scour slopes ~25 feet from the pier face into the navigation channel (See CA\_RT\_160\_PierScourProtection.pdf drawing at the end of this notice for details.) Mariners should use the center of the navigation channel when transiting the bridge. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662

LNM: 42/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE**

I-5 DUAL BRIDGE-Caltrans' contractor has installed three temporary trestles to facilitate retrofit of the dual bridge, one upstream, one downstream and one between the dual bridge. The temporary trestles provide ~9 feet of vertical clearance from Mean High Water to low steel of each trestle and 30 feet of horizontal clearance between bents 2 and 3. The vertical clearance can fluctuate due to changes in the water surface elevation caused by runoff, snowmelt and dam releases. The upstream and downstream temporary navigation span, between bents 2 and 3, are lighted at night with steady burning green lights. The upstream and downstream faces of bents 1, 2, 3 and 4 are lighted at night with steady burning red lights (See I-5\_MokeRiver\_Trestles.pdf at the end of this notice for lighting diagram.) Work is being conducted Monday through Friday, 0600 to 1530, through 21 Jul 21. For information at the construction site mariners can contact 916-208-6416, 209-518-6936, 916-283-9949, 916-757-2989 or 530-409-8103. Mariners are requested to use extreme caution when transiting the work site as there will be cranes working over the channel. For further information, mariners can contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18662

LNM: 37/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-PETALUMA RIVER-BRIDGE**

SMART BLACKPOINT RAILROAD DRAWBRIDGE-The upstream fender system protecting the swing span has been destroyed and does not offer protection for vessels or the bridge. Mariners are urged to use caution while transiting the bridge. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18654

LNM: 35/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

RIO VISTA DRAWBRIDGE-From 0700-1900 on 08 Mar 21 the drawspan will open on signal if at least 30-minutes notice is given to the bridge tender.

ISLETON DRAWBRIDGE- From 0700-1900 on 08 Mar 21 the drawspan will open on signal if at least 1-hour notice is given to the bridge tender.

PAINTERSVILLE DRAWBRIDGE- From 0700-1900 on 09 Mar 21 the drawspan will open on signal if at least 1-hour notice is given to the bridge tender.

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

Charts: 18661 18662

LNM: 08/21

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

RIO VISTA DRAWBRIDGE-TRAFFIC GATE INSTALLATION-Temporary platforms are installed beneath low steel of the bridge in spans 2 and 8 reducing vertical clearance in those spans by no more than 4 feet. The upriver and downriver temporary platforms and associated support cables are lit at night with steady burning red lights (see RVBridge\_PlatformCable\_Lighting.pdf enclosure at the end of this notice.) At no time will the lift span of the bridge be impacted. Mariners are urged to use alternate spans of the bridge. For conditions at the bridge, mariners can contact the contractor at 925-260-2104 or 925-260-1884. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 45/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

ELKHORN FERRY (I-5) BRIDGE-The upstream clearance gauge is missing. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18664

LNM: 13/19

**NORTHERN CALIFORNIA-DELTA & RIVERS-STEAMBOAT SLOUGH-BRIDGE**

STEAMBOAT SLOUGH DRAWBRIDGE- From 0700-1900 on March 09 and 10, 2021 the drawspan will open on signal when at least 1-hour notice is given to the bridge tender. For more details or comments contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18662

LNM: 08/21

**NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARD TO NAVIGATION**

On 25 Nov 20 at 1310, six 40' containers were lost overboard from the cargo vessel MSC ROMANE at 40-49-02N 124-50-06W. Mariners are requested to transit the area with caution and are encouraged to report any sightings of these containers to the nearest Coast Guard Command Center.

**NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARD TO NAVIGATION**

Chart 18620

LNM: 48/20

**NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARDOUS CONDITIONS**

Humboldt Bay entrance is observing a reduced deep draft limit to 34' based on a +6' tide until maintenance dredging can be performed. Hazardous conditions with breaking surf and heavy shoaling have been observed in the vicinity of Humboldt Bay Lighted Buoy 9 (LLNR8195). 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: 50/18

**NORTHERN CALIFORNIA-HUMBOLDT BAY-SUBMERGED BUOY**

Two partially submerged spherical orange NOAA buoys last seen at 40-40-27N 124-28-00W in the NW corner of Eel Canyon are now missing with current location unknown. Mariners are requested to transit the area with caution and report any sightings to U.S. Coast Guard. For more details or comments contact Coast Guard Sector Humboldt Bay at 707-839-6113.

Chart 18620

LNM: 45/20

**NORTHERN CALIFORNIA-LAKE TAHOE-WAMS**

The U. S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) survey of Lake Tahoe which will remain open until 15 Apr 21. Anyone interested in participating can do so by using the following link:

<https://www.research.net/r/LakeTahoeWAMS>. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in Lake Tahoe, 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 District 11 Waterways, LTJG LaMartina at Gabriel.W.LaMartina@uscg.mil.

Chart 18665

LNM: 02/21

**NORTHERN CALIFORNIA-MIDDLE RIVER-POTENTIAL OBSTRUCTION TO NAVIGATION**

There is a potential obstruction to navigation in the Middle River at the entrance to Empire Cut at 37-58-18N 121-31-18W. The obstruction is a partially submerged metal pipe. Mariners are requested to transit the area with caution. For more details or comments contact LT Emily Rowan at 415-399-7443.

Chart 18661

LNM: 46/19

**NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-BRIDGE**

PARK ST BRIDGE-AVAILABILITY OF PRELIMINARY PUBLIC NOTICE- The United States Coast Guard is soliciting public comments on a proposal by the City of Oakland, with concurrence of the County of Alameda, to modify the existing Park Street Double Leaf Bascule Bridge by adding a pedestrian walkway outboard of the existing east pier protection. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. A Coast Guard Bridge Permit application has not yet been submitted but would be required for this project.

WATERWAY AND LOCATION: Oakland Inner Harbor, mile 5.2, between the cities of Oakland and Alameda, Alameda County, California. Position: 37.77195935560071, -122.23630474694835

Preliminary Public Notice (11-156), dated February 23, 2021, is being published on the Coast Guard Navigation Website. The public notice contains a description of the proposed bridge modification project and includes location maps and drawings. Interested parties may access Active Public Notices for Bridge Projects for the Eleventh Coast Guard District at the following web site <https://www.navcen.uscg.gov/D11BN>. The public notice may also be obtained by calling the Eleventh Coast Guard District Bridge Office at (510) 437-3516, by writing to; Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg. 50-2, Alameda, CA 94501-5100; by email request at Carl.T.Hausner@uscg.mil; or by facsimile request at (510) 437-5836.

Mariners are requested to comment on the proposed modification project and navigational safety issues. Interested parties are requested to express their views in writing. Comments will be received for the record at the address given in Preliminary Public Notice (11-156) through March 25, 2021.

Chart 18649

LNM: 8/21

**NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed Lighted Waverider Research Buoy Station 029 (LLNR 5791) in position 37-56-12N 123-27-46W, approximately 22 nm west off Pt. Reyes, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18010

LNM: 44/19

**NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

NOAA has deployed two research buoys at the following coordinates:

36-07-03N 125-08-00W

36-01-40N 125-06-21W

These are 3' yellow octagonal research buoys with Fl W 4s light characteristics. Mariners are requested to transit the area with caution. For more details or comments contact Danny Devereaux at 206-526-6177.

Charts: 501 18010 18020 18022

LNM: 37/19

**NORTHERN CALIFORNIA-PETALUMA RIVER-HAZARD TO NAVIGATION**

A barge is partially submerged and extending from the Southern bank of the Petaluma River approximately .75NM west of the highway 101 bridge in Petaluma, CA. The barge is blocking approximately 85% of the Petaluma River and has been marked with a green buoy at 38-13-43N 122-37-11W, labeled "WR7" with Fl Q G light characteristics. Mariners are requested to transit the area with caution. For more details or comments contact

**NORTHERN CALIFORNIA-PETALUMA RIVER-HAZARD TO NAVIGATION**

Coast Guard Sector San Francisco Waterways Safety at 510-612-9729.

Chart 18654

LNM: 02/21

**NORTHERN CALIFORNIA-PINOLE SHOAL-SHOALING**

Pinole Shoal is observing a reduced deep draft on the south side edge of the channel in limited areas to 32.9' until maintenance dredging can be performed. For detail information on depths and locations please see <https://www.spn.usace.army.mil/Missions/Surveys-Studies-Strategy/Hydro-Survey/Pinole-Shoals-Channel/> for the Army Corp Hydro Survey. Mariners are requested to transit the area with caution. For more details or comments contact D11 Waterways Management at 510-437-2980.

Charts: 18654 18655

LNM: 05/19

**NORTHERN CALIFORNIA-POINT PINOS**

Point Pinos Light (LLNR 290) emergency light is temporarily unavailable, however the main light is functioning properly. For more details or comments contact Sector San Francisco at 510-437-3454

LNM: 50/20

**NORTHERN CALIFORNIA-RICHARDSON BAY-MARINE CONSTRUCTION**

Salt River Construction Corporation will be assisting with marine construction at a private residence in Richardson Bay, CA until 20 Dec 21. M/B YC42, C/B ALASKA, C/B MINK, along with the tug BRANDY BAR will be conducting operations. A mooring location will be located at 37-51-57N 122-27-54W. All vessels will monitor VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Charts: 18649 18653

LNM: 50/19

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE**

Overhead power cables upstream of Sacramento River at 38-03-54N 121-47-09W have a reported reduced vertical clearance to 119.5'.

Chart 18660

LNM: 22/16

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-ANCHORAGE 8-HAZARD TO NAVIGATION**

A derelict underwater electrical cable has been reported to foul anchors in Anchorage 8 near the following coordinates 37-47-35N 122-21-29W. For more details or comments contact USCG Sector San Francisco Waterways Management at [SFWaterways@uscg.mil](mailto:SFWaterways@uscg.mil).

Chart 18649

LNM: 02/21

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

GOLDEN GATE BRIDGE-Four 54' temporary under deck platforms; one 475' and one 2025' north of the south tower and one 175' and one 2025' south of the north tower have been installed at the bridge. Temporary platforms reduce vertical clearance at the bridge by no more than 14'. As the work progresses, the two outer platforms will be moved towards the towers and the two inner platforms moved towards the centerline of the bridge. The bridge's maintenance travelers are in use during the project and will remain outboard of the furthest north and furthest south temporary platforms. The temporary platforms and maintenance travelers are lighted at night with all-round red lights (see [PlatformLighting\\_GG\\_Bridge\\_09Nov20.pdf](#) at the end of this notice). For navigational safety the maintenance travelers can be moved by contacting the Golden Gate Bridge at 415-923-2220. Work is being conducted Monday through Saturday, 0700-1700 and 2100-0500. For conditions at the bridge, mariners can contact the contractor at 415-716-0384. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 45/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

SAN MATEO/HAYWARD BRIDGE-Structural repairs to the superstructure of the bridge are being conducted from 0700 to 1530, Monday through Friday, through 15 May 22. Current location of work is at piers 21, 22, 23, and 25. At no time will work be conducted or floating equipment placed in the main navigation span of the bridge, piers 19-20. Various size barges will be used during the project, the largest being a 100' X 20' flexifloat barge. During the work day, barges will either be spudded down or tied to the bridge piers, no anchors or anchor line will be utilized. After regular working hours, the unmanned barge will be left on-site unless inclement weather is anticipated, then the barges will be spudded down at pier 12, west of the main navigation span. For the safety of navigation, the barges can be moved with one-hour advance notice. For conditions at the bridge mariners can contact Golden State Bridge, Inc., on VHF-FM Marine Radio Channels 13, 14, and 16 or by cell phone at 707-246-0725, 925-260-2104, or 925-382-7288. For more details or comments contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18651

LNM: 01/21

**NORTHERN CALIFORNIA-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 Southampton Shoal Light (LLNR 5480). Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or [ruth.a.sadowitz@uscg.mil](mailto:ruth.a.sadowitz@uscg.mil).

Chart 18649

LNM: 23/15

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE**

THIRD STREET DRAWBRIDGE- The drawspan is secured in the closed-to-navigation position due to structural damage. The bridge provides 4ft vertical clearance above mean high water when closed. Vessels that can safely transit the bridge while in the closed position may continue to do so at any time.

Chart 18650

LNM: 49/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE**

ILLINOIS STREET BRIDGE-All red navigation lights on the bridge are extinguished. Estimated time of repair, unknown. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 01/21

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING**

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING**

Shoaling has been reported on the south side of 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 18650

LNM: 16/15

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PETALUMA RIVER**

Shoaling has been reported east of Petaluma River Entrance Channel Daybeacon 3 (LLNR 5985) in position 38-03-33N 122-27-06W. Shoaling has been reported to be as shallow as 6" up to 15 yds east of the aid. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18654

LNM: 41/18

**NORTHERN CALIFORNIA-SAN FRANCISCO-GEOPHYSICAL SURVEY**

The USGS Pacific Coastal and Marine Science Center is conducting a series of up to five one-day near shore geophysical surveys and up to three rapid-response surveys in Monterey Bay, CA until 01 Nov 21. A bathymetric survey using a two personal watercraft, each equipped with a 200 kHz single beam echo sounder, will be used to conduct cross shore transects from within the surf zone out to 1200m from shore to document the effects of large wave events on seafloor morphology. For more details or comments contact Tim Elfers at 831-460-7479.

Charts: 18680 18685

LNM: 07/20

**NORTHERN CALIFORNIA-SAN FRANCISCO-GEOPHYSICAL SURVEY**

USGS Pacific Coastal and Marine Geology Science Center (PCMGC) is conducting geophysical surveys in the vicinity of Ocean Beach in San Francisco, CA until 30 Apr 21 during daylight hours. Operations will be bounded by the following coordinates:

37-46-36N 127-31-47W

37-42-34N 122-31-47W

37-46-36N 122-30-11W

37-42-34N 122-30-11W

A bathymetric survey utilizing two personal watercraft will be used to conduct operations and they will be monitoring VHF-FM Chan. 16 and 83a. Mariners are requested to transit the area with caution. For more details or comments contact Tim Elfers at 831-460-7479.

Charts: 18640 18645

LNM: 43/20

**NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-MARINE CONSTRUCTION**

Shimmick Construction Company, Inc. (SCCI) is conducting marine construction for the Smith Canal Gate Project in the San Joaquin Deep Water Shipping Channel from 0600 to 1800 Monday through Saturday until 30 Nov 22. Operations will be conducted between the following coordinates:

37-57-31N 121-21-11W

37-57-25N 121-21-08W

Staging Yard

37-57-09N 121-19-55W

Mariners are requested to transit the area with caution. For more details or comments contact Tyler Shell at 510-393-0308.

Charts: 18661 18663

LNM: 28/20

**NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGE**

BAY FARM ISLAND HIGHWAY BRIDGE-The south side lower slat on the fender system is missing. Mariners are urged to transit the bridge with caution. The bridge owner is in the process of designing a replacement pier protection system. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18649

LNM: 37/18

**NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMARINE CABLE**

Trans Bay Cable LLC owns and operates a chartered submarine cable that experiences intermittent exposures in San Pablo Bay. All vessels are advised not to anchor, use ground tackle, fish, or dredge in the vicinity of 38-03-27N 122-16-22W as this increases the risk of damage violating 47 USC 2. Mariners are requested to transit the area with caution. For more details or comments contact Trans Bay Cable Operations Center at operator@transbaycable.com or 925-427-9744.

Charts: 18654 18655

LNM: 25/20

**NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMERGED OBSTRUCTION**

There are submerged piles partially exposed above the sediment surface south of Pinole Shoal Channel along the 30' contour between 38-03-14N 122-16-26W and 38-03-18N 122-16-15W. The piles are present along the slope of the natural shoal at heights ranging from approximately 1' to 5' above the sediment surface. For more details or comments contact Todd Muelhoefer of Coscol Petroleum Corporation at 719-520-4761.

Charts: 18654 18655

LNM: 47/17

**NORTHERN CALIFORNIA-SAN RAFAEL CREEK-BRIDGE**

IRWIN ST/HWY 101 OFF RAMP BRIDGE- As part of the bridge replacement project, Caltrans has installed a containment system around the existing bridge through 31 Dec 21. Mariners are requested to transit the area with caution. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18654

LNM: 08/21

**NORTHERN CALIFORNIA-SANTA CRUZ HARBOR-SHOALING**

There are hazardous and shoaled conditions in the Santa Cruz Harbor Channel Entrance. Mariners transiting the Santa Cruz Harbor should use caution for hazardous conditions of breaking surf and shoaling in the Santa Cruz Harbor entrance that may occur during all surf and tidal conditions. Mariners are highly advised not to transit the Santa Cruz Harbor Channel unless sea and tide conditions are suitable for your vessel's draft. Mariners may view soundings on the Santa Cruz Harbor at <https://www.santacruzharbor.org/entrance-soundings>. For more details or comments contact the Santa Cruz Harbor at 831-475-6161 or VHF-FM Chan. 9 and 16.

Chart 18685

LNM: 03/21

**NORTHERN CALIFORNIA-SANTA CRUZ-BUOY DEPLOYMENT**

California Department of Parks and Recreation and USACE have deployed the National Data Buoy Center 46269, Station 254 waverider buoy in position 36-56-03N 122-02-02W, approximately 1 NM off Point Santa Cruz, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18685

LNM: 49/20

**NORTHERN CALIFORNIA-SANTA CRUZ-DREDGE OPERATIONS**

The Santa Cruz Port District will conduct dredge operations at the entrance to Santa Cruz Harbor, CA, from 0700-1600 until 30 Apr 20. A temporary yellow anchorage buoy with a light characteristic of F Y will be utilized outside of the navigational channel at 36-57-39N 122-00-00W. Dredge TWIN LAKES will monitor VHF-FM Chan. 08, 09, and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the dredge. For more details or comments contact Santa Cruz Harbor on VHF-FM Chan. 09 and 16 or at 831-475-6161.

Chart 18685

LNM: 44/20

**NORTHERN CALIFORNIA-SOUTHERN CALIFORNIA-MONTEREY BAY-CHANNELS ISLANDS-SUB-SURFACE OCEANOGRAPHIC INSTRUMENT MOORING**

The United States Navy, Naval Postgraduate School, Oceanography Department have deployed sub-surface oceanographic instrument moorings until 01 Nov 21. These sub-surface moorings are part of the Monterey Bay and Channel Islands Sound Scape Monitoring Project. These sub-surface moorings are located at the following coordinates:

36-47-53N 121-58-34W

36-38-53N 121-54-30W

34-02-38N 121-54-30W

34-05-08N 120-31-24W

33-50-56N 120-07-06W

34-01-06N 119-19-00W

36-22-13N 122-18-53W

Mariners are requested to transit the area with caution. For more details or comments contact Keith Wycoff at 831-656-2567.

Charts: 18685 18700 18720

LNM: 48/18

**NORTHERN CALIFORNIA-SUISUN MARSH-BOAT LOCKS**

The California Department of Water Resources have installed flashboards across the maintenance channel at the Suisun Marsh Salinity Control Structure, located 2.2 nm from the easterly end of Montezuma Slough at 38-05-36N 121-53-07W. The boat lock will operate daily from 0700-1700 until 31 May 21. Signs and lights are currently posted to warn vessels to avoid the use of the maintenance channel on the east side of the facility. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. VHF-FM Chan. 13 will be monitored during hours of operation. The boat lock is located on the east side of the channel and provides the following clearances: 16 feet horizontally; 9' over the sill at MLLW; 70' 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 50' out from the existing levee. Marker buoys have been placed to identify the area. Mariners are requested to transit the area with caution and be advised that the Salinity Control Structure operations can at times create currents at the site greater than currents in other areas of Montezuma Slough. For more details or comments contact Reza Shahcheraghi at 916-574-2299.

Chart 18656

LNM: 36/20

**SOUTHERN CALIFORNIA-ANAHEIM BAY-SEAL BEACH-NAVIGATION CHANNEL CLOSURE**

The U.S. Navy has completed the recreational channel dredging project in Anaheim Bay. The newly established channel improves navigation and access to Huntington Harbor and eliminates the previous access near the Naval Weapons Station Seal Beach docks for all recreational vessels. The new and improved navigational channel to Huntington Harbor is marked with temporary buoys to assist navigation until all improvements are complete in the Anaheim Bay. Mariners are requested to transit the area with caution and adhere to newly established Aids to Navigation. For more details or comments contact James Laughlin at 310-521-3867.

Chart 18749

LNM: 04/21

**SOUTHERN CALIFORNIA-BATIQUITOS LAGOON-BRIDGE**

CARLSBAD BLVD BRIDGE-Maintenance of the over-the-water gas pipeline will take place, Monday through Saturday, 0700-1700, until 15 Mar 21. A temporary platform will be installed beneath the east bridge on the east side, reducing vertical clearance at the bridge by two feet. The upstream and downstream lower edges of the platform will be lighted at night with steady burning red lights (see TempPlatformLighting\_CarlsbadBridge.pdf at the end of this notice.) For further information mariners can contact the Coast Guard Bridge Office at 510-437-3461.

LNM: 04/21

**SOUTHERN CALIFORNIA-CARLSBAD-DREDGE OPERATIONS**

Pacific Dredge & Construction will be conducting dredge operations at 33-08-40N 117-20-27W 12 hours a day until 19 Mar 21. The Dredge SANDPIPER will be connected to a floating pipeline which may be up to 1,500 feet long. A High Voltage Power cable will connect the dredge to the Power Barge. Dredge SANPIPER will be assisted by anchor boat KATHLEEN as well as multiple work skiffs and will be monitoring VHF-FM Chan. 06 and 16. Mariners are requested to transit the area with caution and avoid anchoring in the vicinity of the dredge operation. For more details or comments contact Matt Scullard at 619-548-8957.

Chart 18774

LNM: 01/21

**SOUTHERN CALIFORNIA-CATALINA ISLAND-BIOMASS RESEARCH**

Marine BioEnergy INC. will be deploying a yellow research buoy with the characteristics of Fl Y 4s at 33-28-12N 118-29-33W and will remain at this position until 30 Jun 21. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution. For more details or comments contact Cindy Wilcox at 818-952-6018.

Chart 18757

LNM: 44/20

**SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT**

Marine BioEnergy Inc. has deployed a temporary buoy near Catalina Island at 33-28-13N 118-29-33W. This will be a 7' yellow buoy with Fl Y 4s light characteristic. Mariners are urged to transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements

**SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT**

have been made. For more details or comments contact Cindy Wilcox at 818-653-9017 or 818-952-6018.

Charts: 18746 18757

LNLM: 47/19

**SOUTHERN CALIFORNIA-CONSTRUCTION-SAN DIEGO-SAN DIEGO BAY**

Manson Construction Co. is conducting construction activities in San Diego Bay at Naval Base San Diego Pier 8. This project includes demolition of the existing Pier 8 and rebuilding the Pier 8 replacement which will involve pile driving and pier construction utilizing derrick barges and flat barges. The approximate location of the project is 32-40-23N, 117-07-21W. This project is expected to be completed by 21 Apr 21. During construction operations, vessel operators with Manson Construction Co. can be contacted on VHF frequencies 13, 16, and 67. Mariners are requested to transit at their slowest safe speed to minimize wake while in the vicinity of construction operations and proceed with caution after passing arrangements have been made. For more details or comments contact Mr. Jack Fernandez at 904-495-4835.

Chart 18773

LNLM: 20/20

**SOUTHERN CALIFORNIA-DEL MAR NEARSHORE-BUOY DEPLOYMENT**

Scripps Institution of Oceanography have deployed a buoy 1200 yds off the coast of Del Mar, CA at 32-57-23N 117-16-46W. The wave buoy is a 3' diameter sphere with an attached telemetry whip antenna and a yellow light FL (5) Y 20s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact James Behrens at 858-534-3032.

Charts: 18740 18765

LNLM: 50/19

**SOUTHERN CALIFORNIA-ENCINITAS-DREDGE OPERATIONS**

Marathon Construction Corp. is conducting dredging and excavating channels within San Elijo Lagoon in the vicinity of 33-00-36N 117-16-30W until 28 Feb 21. The dredging equipment for the main channels will be a 16" cutter-section with 8" and 10" cutter-section dredges being used in the smaller feeder channels. Dredges are anchored and marked with anchor buoys. Mariners are requested to transit the area with caution at slow speeds to minimize wake. For more details or comments contact Project Manager Jon Ruth at 619-962-1480 or Dane Kost at 619-607-2682.

Chart 18774

LNLM: 02/18

**SOUTHERN CALIFORNIA-ESTERO BLUFFS STATE PARK-SUBMERGED ANCHOR CABLE**

Mariners and surfers in the vicinity of North Cayucos are advised of an anchor cable extending from the surf zone to the grounded F/V POINT ESTERO in the vicinity of Estero Bluffs State Park 35-26-51N 120-55-09W. The anchor cable is marked with multiple orange fenders with the end of cable connected to the vessel. For more details or comments contact Coast Guard Sector LA/LB Command Center at 310-521-3815.

Chart 18703

LNLM: 43/17

**SOUTHERN CALIFORNIA-IMPERIAL BEACH-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy in position 32-34-10N 117-10-08W, approximately 2 NM off Imperial Beach, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and FI (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18765

LNLM: 35/18

**SOUTHERN CALIFORNIA-LOS ANGELES-DREDGING OPERATIONS**

Curtin Maritime will be conducting maintenance dredging in the vicinity of Los Angeles River Estuary (LARE) and Port of Long Beach (POLB) until 30 Apr 21. Dredging operations will be conducted 24 hours per day, 7 days a week. Dredging materials will be dredged from LARE and POLB, and will be transferred to LA-2 Ocean disposal site. Vessels DB IRONBOUND, DB BEN WESTON, LONG POINT, ARROW POINT, BERNARDINE C, SEANA C, KELLY C, and BABY T will be on scene monitoring VHF-FM Chan 13,14 and 01A. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Mike Patria at 630-418-1190.

Chart 18746

LNLM: 05/21

**SOUTHERN CALIFORNIA-LOS ANGELES-SURVEY OPERATIONS**

Vantuna Research Group is conducting sonar survey operations on the Palos Verdes Peninsula, Los Angeles, CA at 33-43-12N 118-20-42W until 28 Feb 21 during daylight hours. M/V NEOCLINUS will be conducting all operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Matt Robart at 541-231-9392.

Chart 18746

LNLM: 38/20

**SOUTHERN CALIFORNIA-NEWPORT BAY-BRIDGE**

PACIFIC COAST HIGHWAY BRIDGE-Bridge rehabilitation work will be conducted from 0600 to 1400, Monday through Thursday, through 25 Feb 21. An underdeck platform supported by a snooper truck will be used between piers 3 - 4 and 4 - 5. Mariners should use the channel span between piers 5 - 6 during this maintenance project (see NewportBayBridgeWork.pdf for drawing of alternate channel for navigation). After working hours the underdeck platform will be removed and the bridge cleared of all temporary obstructions to navigation. Mariners are requested to transit the area with caution. For conditions at the bridge mariners can contact the contractor at 909-964-3979 or 909-394-4750. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18754

LNLM: 7/21

**SOUTHERN CALIFORNIA-OFFSHORE CAMP PENDLETON-DIVE OPERATIONS**

Scripps Institution of Oceanography will conduct dive operations offshore Camp Pendleton, CA during daylight hours from 08-12 Mar 21. Operations will be conducted at 33-17-10N 117-28-01W and 33-19-12W 117-29-41W. R/V BETTY BEYSTER and BOB will assist with operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Brett Pickering at 858-337-4261.

Chart 18774

LNLM: 08/21

**SOUTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

Scripps Institution of Oceanography have deployed a buoy offshore Monterey Bay, CA at 36-42-00N 122-20-33W. Station 185-Monterey Bay West-NDBC 46114 is a 3' diameter sphere with an attached telemetry whip antenna and a yellow light FI Y 5(20)s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact James Behrens at 858-534-3032.

**SOUTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

Chart 18680

LNM: 41/20

**SOUTHERN CALIFORNIA-OFFSHORE OCEANSIDE-HELICOPTER OPERATIONS**

RSG Rotorcraft Services Group will be conducting helicopter operations offshore Oceanside, CA at 33-10-00N 117-35-00W and 33-09-00N 117-28-00W. Helicopter N549QC will be lowering a submersible sonar to the depths of 1640 ft. There will be a rescue boat on scene to provide a barrier to the cable. Mariners are requested to transit the area with caution. For more details or comments contact Craig Werley at 607-821-9542.

Chart 18746

LNM: 51/20

**SOUTHERN CALIFORNIA-OFFSHORE POINT CONCEPTION-BUOY DEPLOYMENT**

NOAA Pacific marine Environmental Lab have deployed a NOAA GPS buoy offshore Point Conception, CA at 34-27-24 N 120-40-49W. The buoy is a 3' yellow conical buoy with a Fl (4) Y 20s light characteristic. For more details or comments contact Chris Meinig at 206-526-6177.

Charts: 18700 18720 18721

LNM: 42/20

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-MARINE EVENT**

The San Diego Yacht Club and Newport Harbor Yacht Club are sponsoring the Islands Race event involving 25 vessels participating in a sailing race. This event starts near Point Fermin Lighted Whistle Buoy 6PF (LLNR 145) at 1100 05 Mar 21, then proceeds offshore rounding Catalina Island and San Clemente Island to finish at 1700 on 06 Mar 21, at the entrance to San Diego Bay. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Jeff Johnson at 619-758-6310 or 619-933-9922 during the event.

Charts: 18022 18762 18773

LNM: 08/21

**SOUTHERN CALIFORNIA-OFFSHORE SANTA MONICA BAY-BUOY DEPLOYMENT**

Scripps Institution of Oceanography have deployed a buoy off Santa Monica Bay at 33-51-35N 118-38-27W. Station 028-Santa Monica Bay-NDBC 46221 is a 3' diameter sphere with an attached telemetry whip antenna and a yellow light Fl Y 5(20)s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact James Behrens at 858-534-3032.

Chart 18774

LNM: 48/20

**SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy (Station 222-Santa Lucia Escarpment) in position 34-46-00N 121-29-48W, approximately 54 nm northwest of Point Conception, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18700

LNM: 41/18

**SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy (Station 071-Harvest Buoy) in position 34-27-06N 120-46-48W, approximately 16 nm west of Point Conception, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Charts: 18700 18720 18721

LNM: 41/18

**SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT**

Scripps Institution of Oceanography has deployed an atmospheric sampling buoy south of Point Mugu, CA in position 34-03-12N 119-09-47W. The yellow buoy will be exposed 12' above the waterline and will be flashing FL 1 Y 4s. For more details or comments contact Lisa Hazard at 858-822-2873.

Charts: 18720 18725

LNM: 26/18

**SOUTHERN CALIFORNIA-PORT OF HUENEME-DREDGE OPERATIONS**

Curtin Maritime will conduct maintenance dredge operations in Port of Hueneme 24 hrs per day 7 days a week until 30 Apr 21. Material will be removed from within the Entrance Channel along with the Turning Basin and placed at nearshore placement site or Hueneme Beach. DB IRONBOUND, DB SALTA VERDE along with tugs BERNADINE C, SEANA C, SARAH C, and two Split hull scows will be conducting operations. All vessels will be monitoring VHF-FM Chan. 01A, 13, and 14. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Chris Latino at 270-493-0354.

Charts: 18724 18725

LNM: 49/20

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE**

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION-Two temporary trestles are in place between the Henry Ford Railroad Bridge and the replacement bridge. The replacement bridge provides 75' of horizontal clearance and 45' of vertical clearance from mean high water to low steel. Work is taking place from 0600 to 1600, Mon-Fri. For conditions at the bridge, mariners can contact Caltrans at 562-572-5852, 310-882-3160, 949-394-9168, 310-715-9500; or the contractor at 818-489-5772, 909-322-4424. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

LNM: 38/20

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE**

VINCENT THOMAS BRIDGE-Painting of the underdeck of the bridge continues. The 180' long platform has entered the main navigation span west of centerline and the vertical clearance of the bridge has been reduced by 4 feet. Once work is completed in a section the temporary platform move east until it reaches just west of centerline in Nov 21. The upstream and downstream corners and every 50' along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V\_Thomas\_Platform\_Lighting1.pdf at the end of this notice). Work will take place during daylight hours, Monday through Friday. For conditions at the bridge mariners can contact 213-479-4138, 213-479-1144 or 310-261-9552. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

GERALD DESMOND BRIDGE REPLACEMENT PROJECT-Underdeck platforms have been installed to conduct finishing work on the replacement bridge.

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE**

The platforms are above low steel of the existing being replaced bridge. There is no reduction in vertical clearance in the navigation channel. For conditions at the work site, mariners can contact the contractor via marine radio on VHF-FM CH 13 and 79 or by cell at 424-230-9925. For more details view the website, [www.NewGDBridge.com/Waterway](http://www.NewGDBridge.com/Waterway), or contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

LNM: 51/20

**SOUTHERN CALIFORNIA-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 \$90,901.00.

Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762

LNM: 41/16

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE**

CORONADO BAY BRIDGE MAINTENANCE-Scaffolding installed between piers 11-12, 12-13, and 13-14, reduces vertical clearance by more than 8'. The upstream and downstream lower edges of the scaffolding are lighted at night with red lights. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Charts: 18772 18773

LNM: 13/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. is conducting marine construction at Huntington Ingalls Industries-Pier 7 Marginal Wharf at 32-41-36N 117-09-04W until 26 Feb 21. Vessels DB PALOMAR, RES 180, JOHN DRAKE, JEANIE R, and tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 52/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at the San Diego Bay Waterfront at 32-41-24N 117-08-33W until 26 Feb 21. Vessels CB RES 180, DB RES 80, TB KILLEEN will work in conjunction with push boat JENNIE R during operations and monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Joan Rose at 619-233-0178.

Chart 18773

LNM: 50/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at NASSCO Berth 07 and Berth 08 at position 32-41-35N 117-09-03W until 01 Jul 21. Vessel DB PALOMAR, RES 180, along with push boat JEANIE R in conjunction with tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For concerns or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 52/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction from 08 Mar 21 until 20 Jun 22 in San Diego Bay at position 32-41-24N 117-14-04W. Dredge DB PALOMAR, RES 80, RES spud barge, Tug KILLEEN, along with assist boats JOHN DRAKE and JEANNIE R will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Robbin Pepper at 619-524-8532 or Casey Wilson at 619-233-0178.

Charts: 18772 18773

LNM: 08/21

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-NAVY ESTUARY-BRIDGE**

NIMITZ PEDESTRIAN BRIDGE- The City of San Diego is conducting over-water construction work on the bridge deck. There is no change to the bridge clearances, but mariners are urged to exercise caution when transiting through the bridge. For more info or comments, you can contact the Coast Guard Bridge office at 510-437-3461.

Chart 18773

LNM: 02/21

**SOUTHERN CALIFORNIA-SAN DIEGO RIVER-BRIDGE**

WEST MISSION BAY DRIVE BRIDGE-The City of San Diego is replacing the existing bridge. A temporary work trestle, providing a vertical clearance of 8' over Mean Sea Level and open channels between silt curtains, is in place. Scheduled completion date of the bridge replacement project is November 2022. Mariners are urged to use caution while navigating the replacement bridge work site. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18765

LNM: 34/19

**SOUTHERN CALIFORNIA-SAN DIEGO-MARINE CONSTRUCTION**

The Army Corps of Engineers will conduct marine construction on Naval Base Coronado at 32-41-07N 117-13-11W until 15 Mar 21. The operation will on the beach and extend into the surf zone during high tide near runway 36 adjacent to the Pacific Ocean. Construction will consist of the replacement of existing lights and rip rap. Mariners are urged to transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. For more details or comments contact LCDR Cody Keesee at 619-545-2144.

Chart 18773

LNM: 44/20

**SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-MARINE CONSTRUCTION**

Marine Taxonomic Services Ltd. is conducting marine construction in Mission Bay, San Diego, CA at 32-46-55N 117-13-30 W until 31 Mar 21. A 20 foot construction vessel will be in the area and replacing the existing concrete floating dock. The vessel will be monitoring VHF-FM Chan. 16.

**SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-MARINE CONSTRUCTION**

Mariners are requested to transit the area with caution. For more details or comments contact Ms. Usmita Pokhrel at 707-761-4192 or Mr. Ricky Osorio at 619-573-7721.

Chart 18765

LNM: 06/21

**SOUTHERN CALIFORNIA-SAN DIEGUITO RIVER-BRIDGE**

CAMINO DEL MAR BRIDGE-Portions of a pipeline off the eastern overhang of the bridge will be replaced. Work will take place Monday through Friday, 0700 to 1600, 03 Mar 21 through 26 May 21. A Bridgewaker Type II inspection bucket will be utilized to conduct the work from the roadway. When no active work is being conducted and at the end of each workday, the inspection bucket will be removed from the side of the bridge. There will be no in-water equipment used during this project. Mariners are urged to use caution while transiting the bridge. For further information contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18740

LNM: 08/21

**SOUTHERN CALIFORNIA-SAN NICHOLAS ISLAND-ATMOSPHERIC BUOY**

Naval Air Systems Command has deployed an atmospheric sampling buoy in position 33-15-30N 119-35-58W. The yellow buoy extends 10 ft above the waterline and is 4 ft in diameter, it is flashing F1 Y 4s. For further details or comments contact Kyle Edwards at 805-989-0672 or Robi Garcia at 805-989-5040.

Chart 18740

LNM: 18/20

**SOUTHERN CALIFORNIA-SANTA MONICA-BUOY DEPLOYMENT**

A Waverider buoy has been deployed 1 NM South of Topanga Beach in position 34-01-19N 118-34-42W in 65 ft of water. The buoy will be deployed indefinitely. The buoy is operated by Scripps Institute of Oceanography. The buoy is a 3 ft diameter sphere with an attached telemetry whip antenna and a light characteristic of Fl Y (5+1)20s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. For further comments or details contact James Behrens at 858-534-3032.

Chart 18744

LNM: 34/20

**SOUTHERN CALIFORNIA-VENTURA HARBOR-DREDGE OPERATIONS**

Manson Construction Co. is conducting hydraulic maintenance dredging of the Ventura Harbor Main Channel and sand trap at 34-14-51N 119-16-07W 24 hours a day until 15 Mar 21. Dredge HR MORRIS, DB FREYA, dredge tender PUP, dredge tender CUB, and survey boat RUSTLER will monitor VHF-FM Chan. 16 and 67. Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to the disposal area south of surfer's knoll. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Max Oviedo at 206-619-7729.

Chart 18725

LNM: 03/21

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**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
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None

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**PUBLICATION CORRECTIONS**

**ANNOUNCEMENT – U.S. Coast Pilot® 7 and U.S. Coast Pilot® 10 - NEW EDITIONS – Spring 2020**

U.S Coast Pilot 7 will be divided into two editions in the spring 2020 due to its large size. The following are the projected new editions that will be issued on the same date and ready for free download and weekly updates on June 9, 2020, at [nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://nauticalcharts.noaa.gov/publications/coast-pilot/index.html).

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 7, Pacific Coast: California 52nd Edition, 2020

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 10, Pacific Coast: Oregon, Washington, Hawaii and Pacific Islands 1st Edition, 2020

Only Print-on-Demand bound copies are available for purchase; visit [nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot](http://nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot)

For any questions or comments; visit [nauticalcharts.noaa.gov/customer-service/assist/](http://nauticalcharts.noaa.gov/customer-service/assist/)

NOAA Office of Coast Survey's Nautical Publications Branch  
April 2020

LNM: 18/20

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**ENCLOSURES**

**REPORT OF DELAY AT DRAWBRIDGE**

[Delay\\_Report\\_11-2017.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNLM: 06/07

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE**

[V\\_Thomas\\_Platform\\_Lighting1.pdf](#)

See link above for platform lighting for Vincent Thomas Bridge.

LNLM: 28/19

**NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE**

[BonAirRd\\_Trestle.pdf](#)

See link above for Bon Air Rd Temporary Trestle Navigation Channel.

LNLM: 29/18

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

[RVBridge\\_PlatformCable\\_Lighting.pdf](#)

RIO VISTA DRAWBRIDGE-See enclosure above for temporary platform location and lighting.

LNLM: 22/20

**SAN CLEMENTE ISLAND-SAFETY ZONES**

[San Clemente Safety Zone.pdf](#)

See link above for Maritime Safety and Security Bulletin 001-19.

LNLM: 49/19

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

[PlatformLighting\\_GG\\_Bridge\\_09Nov20.pdf](#)

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 09 Nov 20.

LNLM: 45/20

**SOUTHERN CALIFORNIA-BATIQUITOS LAGOON-BRIDGE**

[TempPlatformLighting\\_CarlsbadBridge.pdf](#)

CARLSBAD BLVD BRIDGE-See link above for temporary platform lighting during maintenance work.

LNLM: 04/21

**NOAA DISCONTINUE NOTICE FOR TIDE TABLE AND CURRENT TABLE**

[NOAA Discontinue Notice.pdf](#)

See enclosure above.

LNLM: 45/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

[Temp\\_Lighting\\_Paintersville.pdf](#)

PAINTERSVILLE BRIDGE-See enclosure above for temporary pier lighting.

LNLM: 50/20

**ARIZONA-COLORADO RIVER-BRIDGE**

[Cibola\\_Alternate\\_Channel.pdf](#)

CIBOLA FARMERS BRIDGE- See link above for temporary underdeck platform lighting and alternate navigation channel lighting.

LNLM: 37/20

**SOUTHERN CALIFORNIA-NEWPORT BAY-BRIDGE**

[NewportBayBridgeWork.pdf](#)

PACIFIC COAST HIGHWAY BRIDGE MAINTENANCE-See enclosure above for alternate channel during maintenance project.

LNLM: 7/21

**VESSEL CYBERSECURITY ALERT-LOS ANGELES-LONG BEACH**

[Vessel Cybersecurity Alert.pdf](#)

See enclosure link above.

LNLM: 07/21

**NORTHERN CALIFORNIA-SAN FRANCISCO-HAZARD TO NAVIGATION**

[Commercial Fishing Vessel Hazard.pdf](#)

see link above.

LNM: 51/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE**

[CA\\_RT\\_160\\_PierScourProtection.pdf](#)

DOWNSTREAM CA ROUTE 160 BRIDGE-See link above for pier rock slope scour protection details.

LNM: 42/20

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THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT [HTTPS://WWW.NAVCEN.USCG.GOV](https://www.navcen.uscg.gov)

T. L. Conner  
U.S. Coast Guard  
Acting Chief Waterways Management Branch

**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 \_\_\_\_\_

13. 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 return to:

Commander (dpw)  
Eleventh Coast Guard District  
Coast Guard Island, Building 50-2  
Alameda, CA 94501-5100  
Attn: Bridge Office

Fax: (510) 437-5836

Email: [Carl.T.Hausner@uscg.mil](mailto:Carl.T.Hausner@uscg.mil)

Questions? Please contact: Carl Hausner, Bridge Administrator, Eleventh Coast Guard District

Office: (510) 437-3516

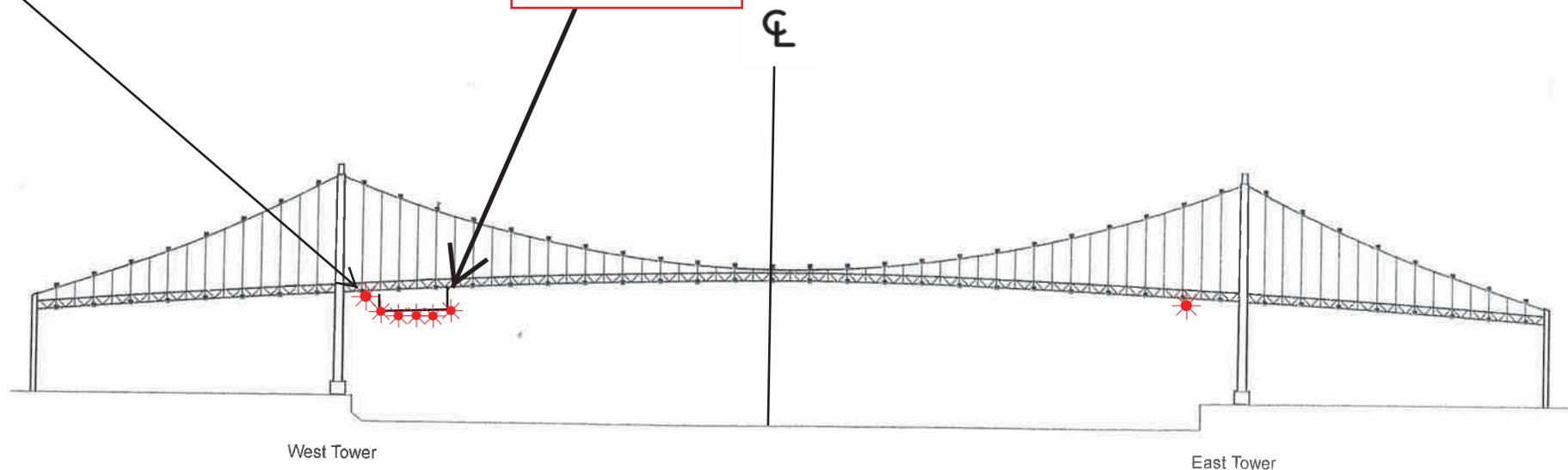
Cell: (510) 219-4366

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

Vincent Thomas Highway Bridge  
Mile 3.0  
Los Angeles/Long Beach Harbor  
**Painting Project**

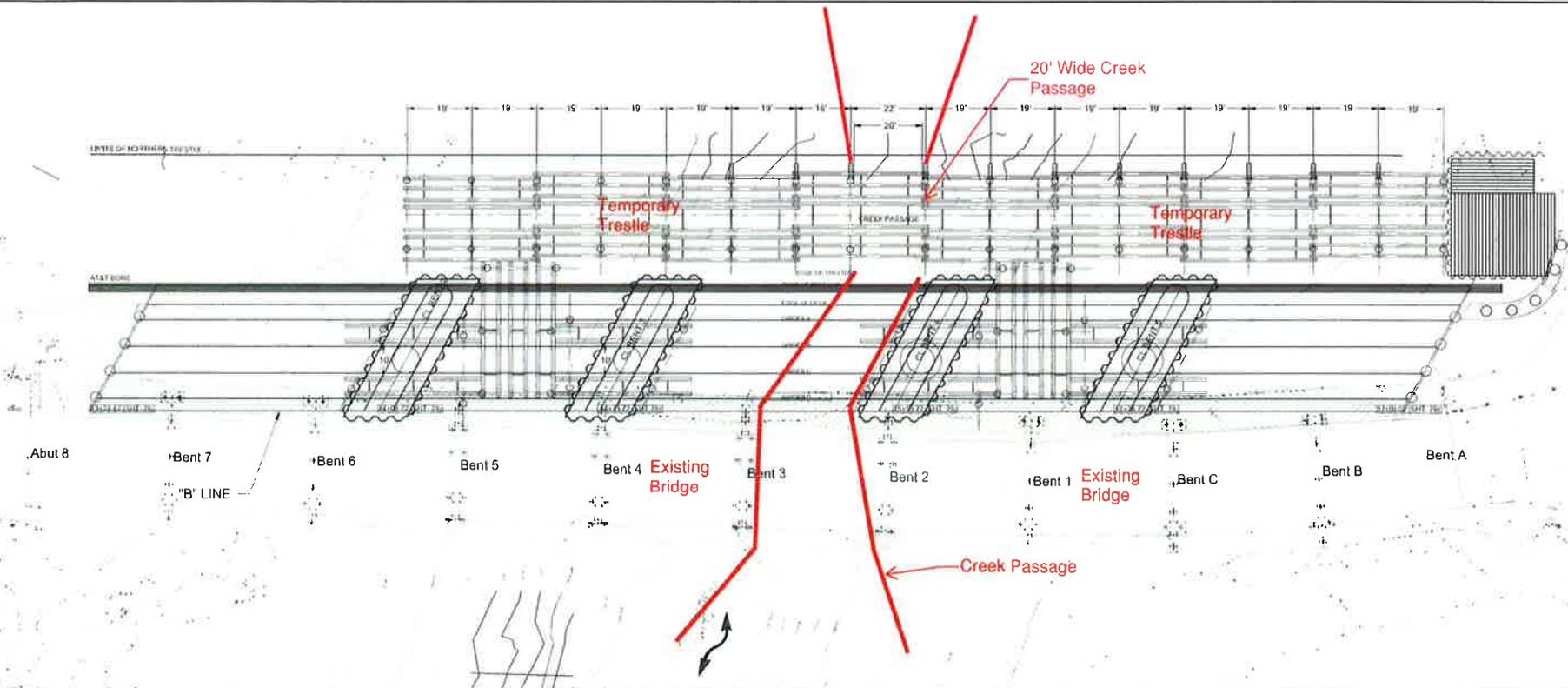
West Channel Margin  
Light

Below Low Steel  
Platform. 5' 4"  
reduction in  
vertical clearance



A 180 foot long under deck temporary platform will reduce vertical clearance by 5' 4". Each corner and every 50 feet along the the upstream and downstream side of the platform will lighted at night with steady burning red lights visible at 2000 yards by approaching vessels. In a duration of 1-year the platform will progress from the western channel margin light to 250' west of the centerline of the bridge.

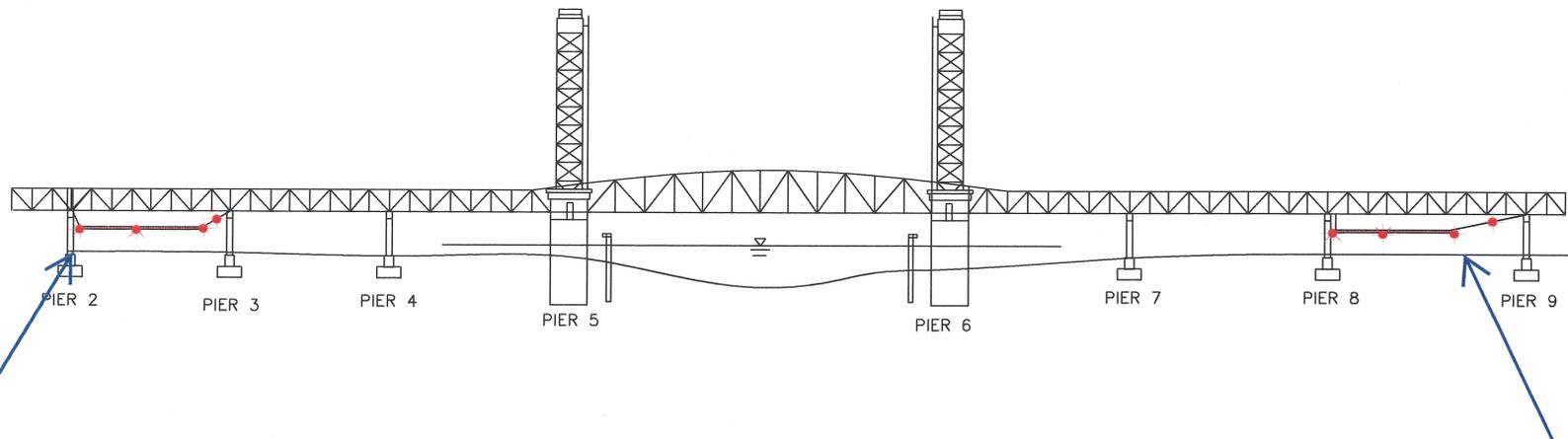
# Bon Air Rd Bridge Replacement Project Mile 2.2, Corte Madera Creek



**Cofferdams and a temporary trestle will be installed to facilitate construction of the replacement bridge. The temporary trestle will provide a center creek navigation channel with at least 20 feet of horizontal clearance and 3 feet of vertical clearance, from mean high water to the lowest hittable portion of the trestle, for waterway users. Mariners are urged to use extreme caution when transiting the construction site.**

# Temporary Underdeck Platform Lighting

## Rio Vista Bridge Mile 12.8, Sacramento River



Two temporary platforms, and associated support cables, are installed beneath low steel of the bridge in span 2 and 8 and reduces vertical clearance in those spans by no more than 4 feet. The lower 4 corners and midpoint of each platform will be lighted at night with steady burning red lights, visible at 2,000 yards from approaching vessels. The support cable will be lighted with red lights every 50 feet. Mariners are requested to use alternate or main span of the bridge while these temporary platforms are in place.

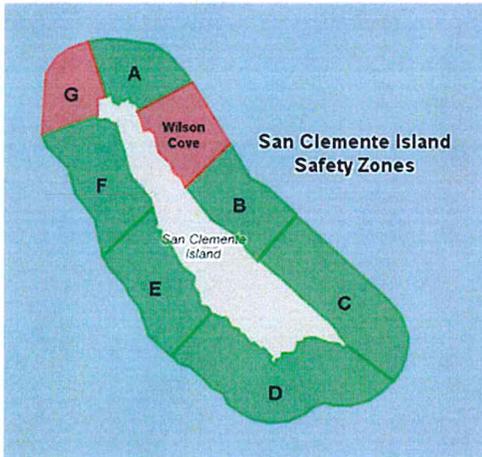
# Maritime Safety and Security Bulletin: 001-19

Effective Date: November 1, 2019



U.S. Coast Guard Sector San Diego  
2710 North Harbor Drive  
San Diego, CA 92101  
Phone: (619) 278-7656  
Fax: (619) 278-7235

## SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island according to Title 33, Code of Federal Regulations (CFR) Part 165.1131 and 33 CFR 165.1141).

Since the inception of the regulations, Coast Guard Sector San Diego has processed numerous safety zone violations. 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 \$94,219 under 46 USC 70036(a). 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 ordinance 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 Zone G of the Safety Zones are permanently closed. Mariners wishing to transit through Zone G must have preapproval from San Clemente Island. The U.S. Navy makes every effort to maintain a schedule in advance and minimize the restrictions to the public for water access around the island. 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 or 7656, 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 [D11MarineEventsSD@uscg.mil](mailto:D11MarineEventsSD@uscg.mil)

Sincerely,

A handwritten signature in blue ink, appearing to read "T.J. Barelli".

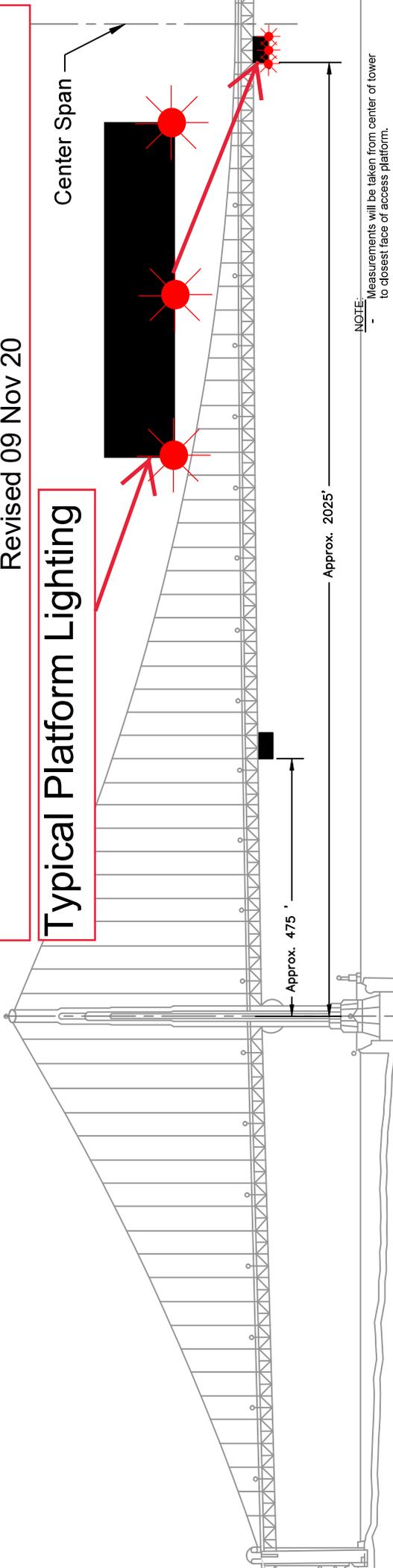
T.J. BARELLI  
Captain, U. S. Coast Guard  
Captain of the Port San Diego

Temporary Access Platforms  
Golden Gate Bridge, Mile 2.5, San Francisco Bay  
Revised 09 Nov 20

Typical Platform Lighting

South Tower

Center Span

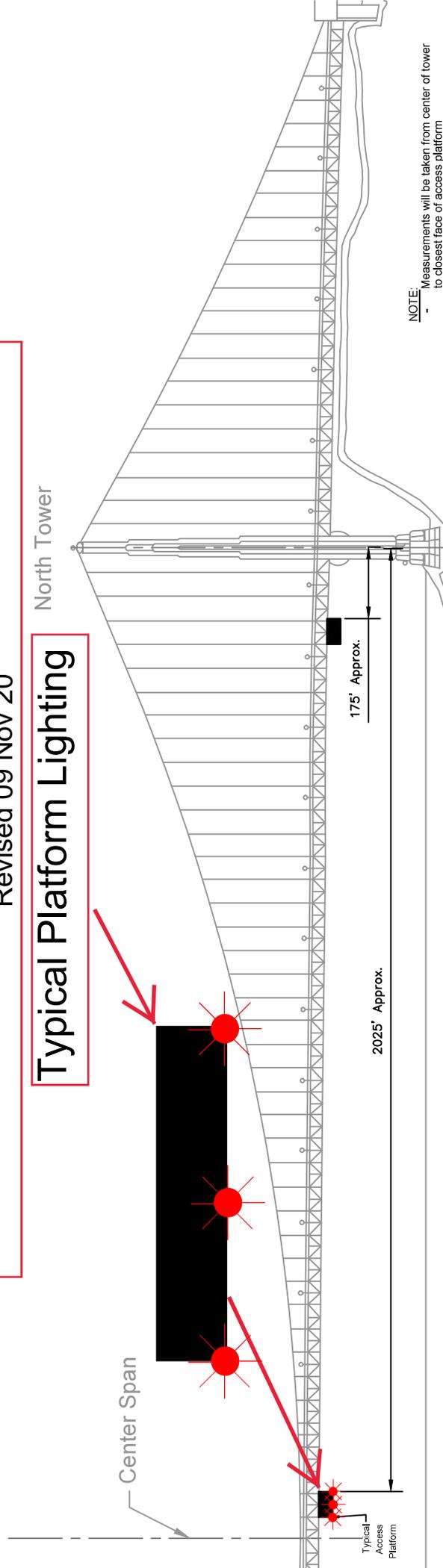


NOTE: Measurements will be taken from center of tower to closest face of access platform.

Four 54 ft wide temporary platforms are installed in the main span below low steel of the bridge, two south of the north tower and two north of the south tower, reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platform will be lighted at night with steady burning red lights visible at 2,000 yards by approaching vessels.

Temporary Access Platforms  
Golden Gate Bridge, Mile 2.5, San Francisco Bay  
Revised 09 Nov 20

Typical Platform Lighting

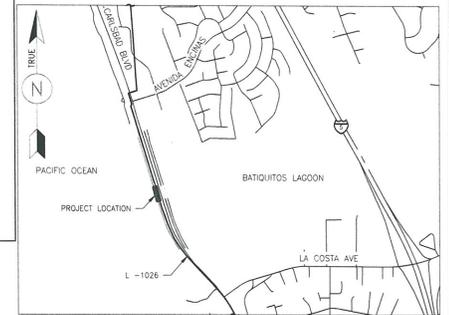


Four 54 ft wide temporary platforms are installed in the main span below low steel of the bridge, two south of the north tower and two north of the south tower, reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platform will be lighted at night with steady burning red lights visible at 2,000 yards by approaching vessels.

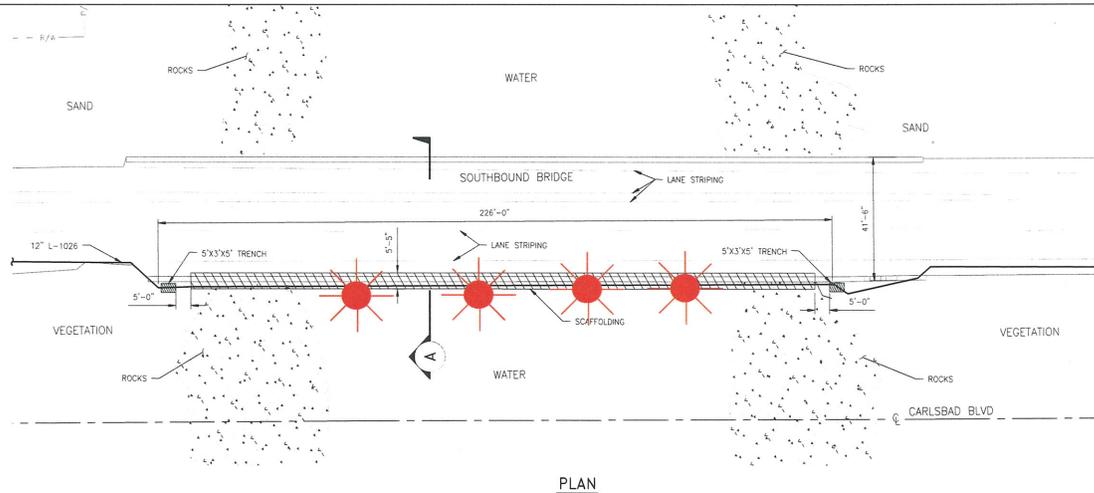
# Carlsbad Blvd Bridge, Mile 0.1, Batiquitos Lagoon (San Marcos Creek)

## Maintenance Project

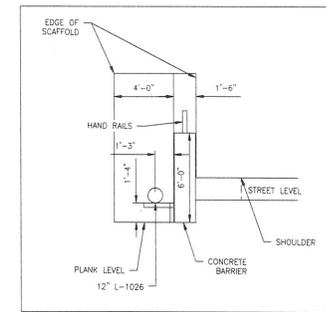
### Temporary Platform Lighting



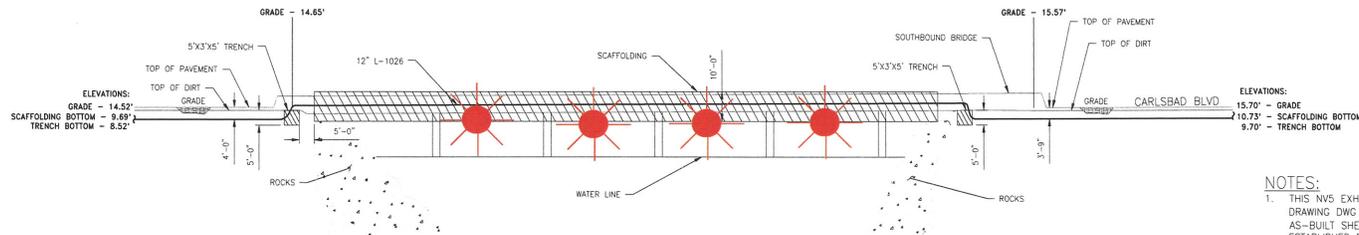
VICINITY MAP



PLAN



SCAFFOLDING SECTION A NOT TO SCALE



- NOTES:
- THIS NVS EXHIBIT UTILIZES ELEVATIONS SHOWN ON COMMUNITY DEVELOPMENT DRAWING DWG 344-2 14 AND DWG 344-2 13 (CITY OF CARLSBAD AS-BUILT SHEETS 13 & 14). BOTH DRAWINGS USE NVD-29 DATUM ESTABLISHED FROM BENCHMARK 146 AND 148. ALL ELEVATIONS SHOWN ON NVS EXHIBIT UTILIZE NVD29 ELEVATIONS.
  - CURRENT NATIONAL GEODETIC SURVEY SHEETS, (ATTACHED) CONFIRM NVD29

The upstream and downstream lower edges of the temporary platform, between bridge piers, are lighted at night with steady burning red lights visible at 2,000 yards from approaching vessels.



# NOTICE TO MARINERS



Issued By:

## CENTER FOR OPERATIONAL OCEANOGRAPHIC PRODUCTS & SERVICES

1305 East-West Highway, N/OPS3  
Silver Spring, MD 20910-3281  
301-713-2815  
Tide.Predictions@noaa.gov  
<https://tidesandcurrents.noaa.gov>

## **NOAA is Discontinuing the Printed Tide Tables and Tidal Current Tables.**

NOAA is ending the production of the printed Tide Tables and Tidal Current Tables publications. The 2020 Tide Tables and Tidal Current Tables were the final printed editions. There will not be NOAA printed Tide Tables and Tidal Current Tables publications for 2021.

NOAA is discontinuing the production of these annual publications due to: (a) recent changes by the U.S. Coast Guard in the interpretation of the requirements for predictions, no longer requiring these publications in paper format and (b) the availability of online and electronic services providing tide and tidal current predictions which meet the U.S. Coast Guard requirements for navigation, and support other activities along the U.S. coast.

Tide and Tidal Current predictions are available through NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) online services:

- NOAA Tide Predictions: [https://tidesandcurrents.noaa.gov/tide\\_predictions.html](https://tidesandcurrents.noaa.gov/tide_predictions.html)
- NOAA Current Predictions: <https://tidesandcurrents.noaa.gov/oaacurrents/Regions>

These online services provide predictions which equal or exceed the accuracy and availability of the predictions for domestic locations provided through printed publications, and provide additional capabilities allowing the predictions to better meet a variety of user needs. These online services provide predictions for the U.S. coasts. International predictions will not be available from the online services. Predictions for countries outside the U.S. may be obtained through the Oceanographic / Hydrographic agency in that country.

Contact NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) with questions or for further information.

E-mail: [Tide.Predictions@noaa.gov](mailto:Tide.Predictions@noaa.gov)

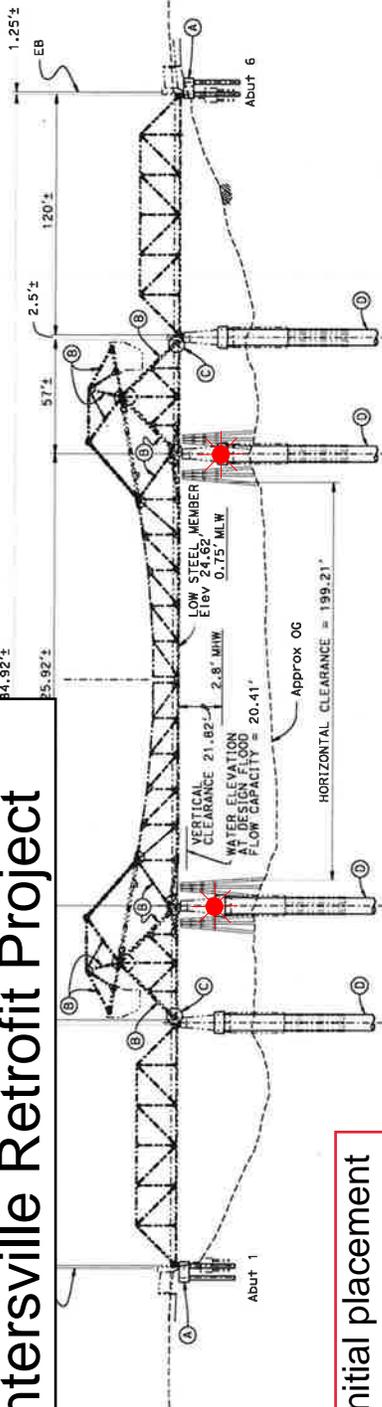
Phone: 301-713-2815

Issued: November 1, 2020

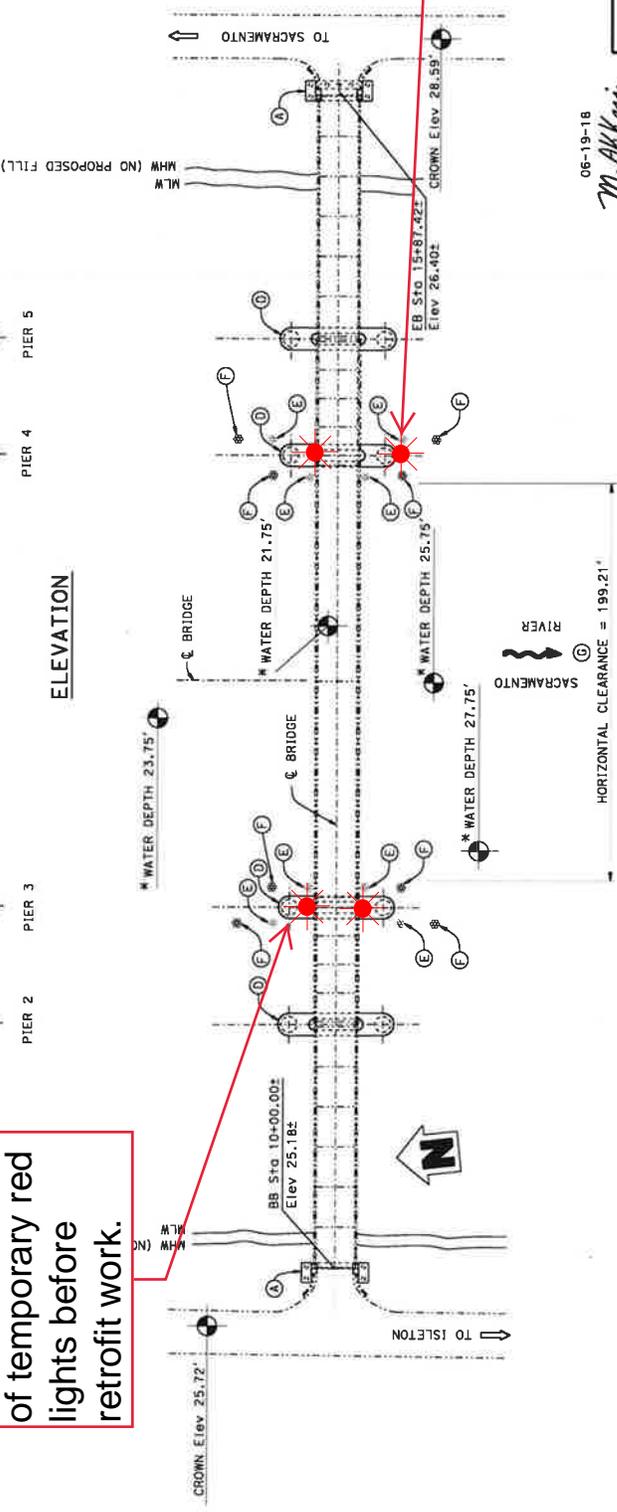
# Temporary Pier Lighting Paintersville Retrofit Project

**LEGEND:**

- (A) Abutment Retrofit
- (B) Strengthen Truss Member
- (C) Strengthen Connection
- (D) Pier Retrofit
- (E) Existing Dolphin to be removed
- (F) New 7 Pile Dolphin
- (G) For HYDROLOGIC SUMMARY see "FOUNDATION PLAN NO. 3" sheet
- Indicates new construction
- Indicates existing structure



**ELEVATION**



Initial placement of temporary red lights before retrofit work.

Temporary placement of red lights after pier retrofit work and before re-installation of permanent dolphins

The temporary all-round red lights will be installed on the upriver and downriver faces of piers 3 and 4 so as to be seen at 2,000 yard by approaching vessels. The pier face being worked on, where barges are obscuring the pier face, will not be required to be lit at night unless the barge is moved leaving the pier exposed.

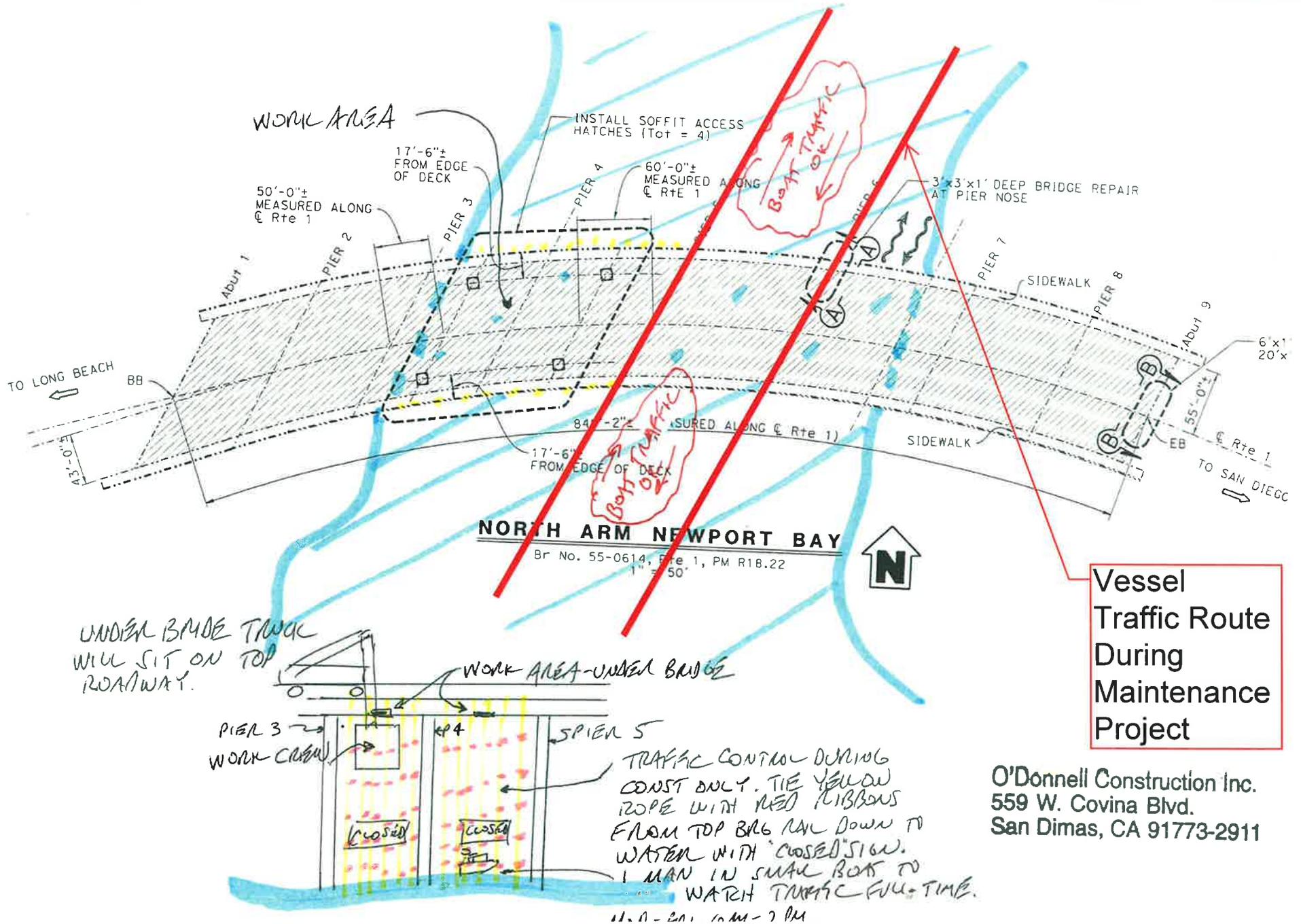
06-19-18  
M. AKKAI



STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSED PAINTERSVILLE BRIDGE  
SEISMIC RETROFIT PROJECT  
MILE 33-4, SACRAMENTO RIVER, NEAR COURTLAND



# Pacific Coast Highway Bridge, mile 2.4, Newport Bay Maintenance Work



O'Donnell Construction Inc.  
559 W. Covina Blvd.  
San Dimas, CA 91773-2911



# Marine Safety Information Bulletin

## Sector Los Angeles – Long Beach

Commander  
U.S. Coast Guard Sector  
Los Angeles – Long Beach  
1001 S. Seaside Avenue Bldg. 20  
San Pedro, CA 90731-0208

MSIB Number: 01-21  
Date: January 22, 2021

### VESSEL CYBERSECURITY ALERT

The Los Angeles-Long Beach maritime community should be on high alert for phishing emails from malicious actors impersonating USCG email addresses, specifically emails containing COVID-19 screening forms for vessels entering port.

Sector Los Angeles – Long Beach responded to a report of a container vessel that received a suspicious email appearing to originate from a legitimate USCG Port State Control (PSC) Officer. The e-mail contained several links as well as an attachment. The recipient was encouraged to open the attachment or click on the links prior to authorization to enter the port. The vessel's master contacted the USCG to verify the validity of the e-mail. The email was not authentic and did not originate from the Coast Guard.



Sector LA-LB Port State Control responded to the incident using their Vessel Cyber Incident Protocol and verified the safety, security, and operational functionality of the vessel's critical systems. Based on numerous recent maritime phishing attempts, the malicious actors prefer to target vessels using spoofed USCG Port State Control e-mails. Several important details in the email include:

- The sender of the e-mail was partially spoofed, and appeared to come from a Coast Guard Port State Control Officer. The sender's e-mail address did not end in "@uscg.mil." (ha[redacted]a@cosmonova.net). Email correspondence from the Coast Guard will end in "@uscg.mil."
- Based on the sophistication of the e-mail, the malicious actor may have some knowledge of the Maritime Transportation System (MTS) and/or may have reviewed a previous legitimate e-mail from the USCG. It cannot be ruled out that the malicious actor may have compromised an e-mail account of a previous recipient of a legitimate USCG PSC e-mail.

- The contents of the e-mail may have been copied from a previous legitimate e-mail.
- The statement, “Until your response is received by this office, the M/V [REDACTED], is not clear to enter the port” which compels the recipient to click a link or open the attachment.

Vessel operators are encouraged to contact USCG via a confirmed legitimate phone number if they question the validity of a USCG Port State Control e-mail. The Coast Guard urges maritime stakeholders to verify the validity of the email sender prior to responding to or opening any unsolicited email messages.

As always, any potential threat to the cybersecurity of your vessel or facility should be taken seriously, and Breaches of Security or Suspicious Activities resulting from cyber incidents shall be reported to the National Response Center (NRC) at **1-800-424-8802**. For additional guidance on reporting cyber incidents refer to CG-5P Policy Letter 08-16, “*Reporting Suspicious Activity and Breaches of Security.*” For further information on spoofing, refer to USCG MSIB: 19-20 “MALICIOUS EMAIL SPOOFING INCIDENTS.”

# Pier Scour Replacement Downstream CA Route 160 Bridge, mile 2.0, American River

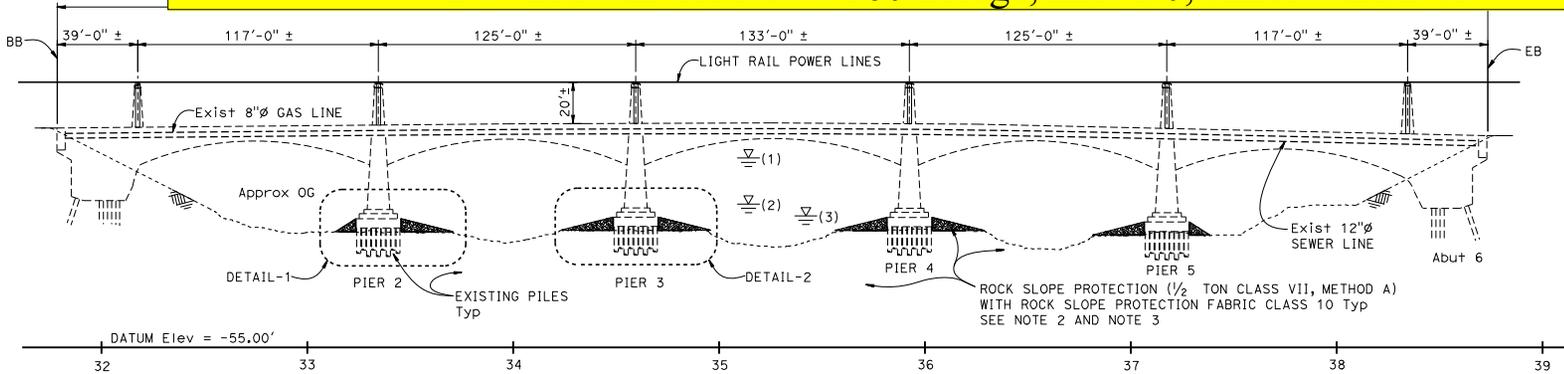
POST MILES	SHEET	TOTAL
TOTAL PROJECT	NO.	SHEETS
4.5/5.7, R44.5	174	175

REGISTERED CIVIL ENGINEER DATE 6-15-19

PLANS APPROVAL DATE 6-17-19

DAVID A. ROMERO  
No. 61240  
Exp. 06-30-19  
CIVIL  
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

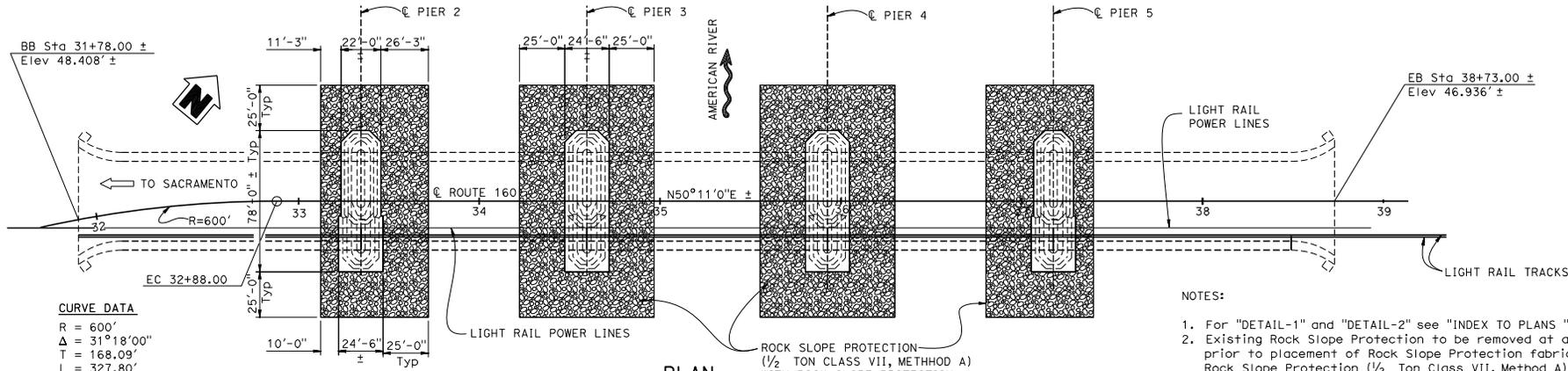


**ELEVATION**  
1" = 30'

- LEGEND:**
- ▽ (1) High water mark during A 100 year Storm 37.0' ±
  - ▽ (2) High water mark during Construction window July 15th through October 15th = 14.66' ±
  - ▽ (3) Low water mark during Construction window July 15th through October 15th = 8.86' ±
  - Existing Structure
  - ▨ Half Ton Rock Slope Protection (1/2 Ton Class VII, Method A)

**QUANTITIES**

REMOVE ROCK SLOPE PROTECTION	LUMP	SUM
ROCK SLOPE PROTECTION (1/2 TON, CLASS VII, METHOD A) (CY)	4,000	CY
ROCK SLOPE PROTECTION FABRIC (CLASS 10)	2,468	SQYD



**PLAN**  
1" = 30'

**CURVE DATA**

R = 600'
Δ = 31°18'00"
T = 168.09'
L = 327.80'

- NOTES:**
- For "DETAIL-1" and "DETAIL-2" see "INDEX TO PLANS" sheet
  - Existing Rock Slope Protection to be removed at all existing Piers prior to placement of Rock Slope Protection fabric Class 10 with, Rock Slope Protection (1/2 Ton Class VII, Method A)
  - For Existing Rock Slope Protecting removal, see "EXISTING ROCK SLOPE PROTECTION REMOVAL" detail on "INDEX TO PLANS" sheet

**Mariners should use the center of each navigation channel of the bridge to avoid the rock slope scour protection.**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	99, 160	4.5/5.7, R44.5	175	175

<i>David Romero</i>	6-15-19
REGISTERED CIVIL ENGINEER	DATE
6-17-19	
PLANS APPROVAL DATE	

DAVID A. ROMERO
No. 61240
Exp. 06-30-19
CIVIL ENGINEER
STATE OF CALIFORNIA

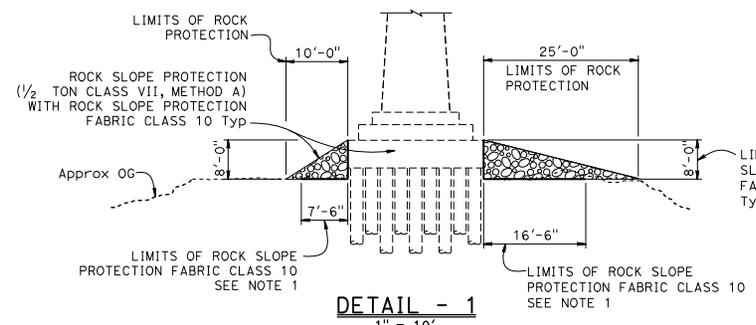
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**INDEX TO PLANS**

SHEET NO.	TITLES
1	GENERAL PLAN
2	INDEX TO PLANS

**CRITERIA**

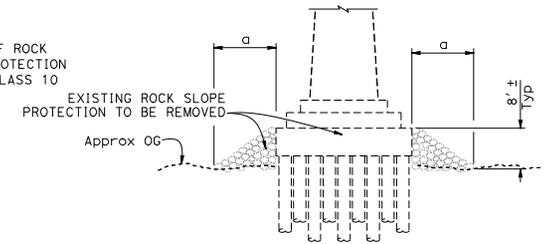
Design Based upon Final Hydraulics Report, Dated Nov 29, 2018



**DETAIL - 1**  
1" = 10'

**ROCK SLOPE PROTECTION**  
(AT PIER 2, PIER 5 OPPOSITE)

- LEGEND:**
- Existing Structure
  - Existing Rock Slope Protection to be removed
  - Rock Slope Protection (1/2 Ton Class VII, Method A)



**SECTION A-A**  
1" = 10'

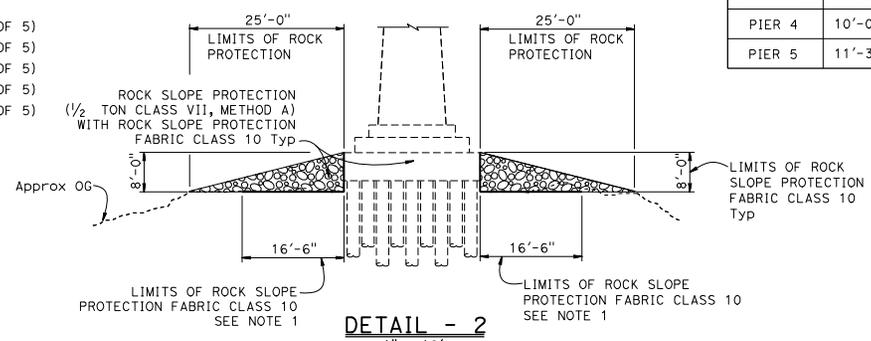
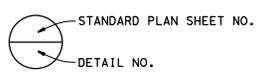
**Exist ROCK SLOPE PROTECTION**  
(TO BE REMOVED AT Exist PIERS)

**NOTES:**

- Place Rock Slope Protection Fabric Class 10 to the top of Existing footing
- For location of "DETAIL-1" and "DETAIL-2" see "GENERAL PLAN" sheet

**STANDARD PLANS 2018**

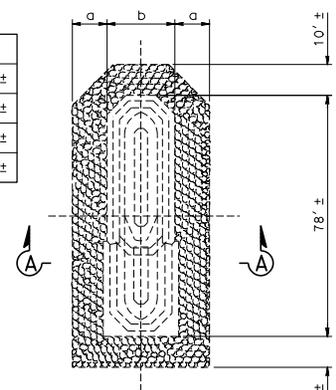
- A3A ABBREVIATIONS (SHEET 1 OF 3)
- A3B ABBREVIATIONS (SHEET 2 OF 3)
- A3C ABBREVIATIONS (SHEET 3 OF 3)
- A10A LEGEND - LINES AND SYMBOLS (SHEET 1 OF 5)
- A10B LEGEND - LINES AND SYMBOLS (SHEET 2 OF 5)
- A10C LEGEND - LINES AND SYMBOLS (SHEET 3 OF 5)
- A10D LEGEND - LINES AND SYMBOLS (SHEET 4 OF 5)
- A10E LEGEND - LINES AND SYMBOLS (SHEET 5 OF 5)
- A10F LEGEND - SOIL (SHEET 1 OF 2)
- A10G LEGEND - SOIL (SHEET 2 OF 2)
- A10H LEGEND - ROCK



**DETAIL - 2**  
1" = 10'

**ROCK SLOPE PROTECTION**  
(AT PIER 3 & 4)

LOCATION	a	b
PIER 2	11'-3"±	22'-0"±
PIER 3	10'-0"±	24'-6"±
PIER 4	10'-0"±	24'-6"±
PIER 5	11'-3"±	22'-0"±



**EXISTING ROCK SLOPE PROTECTION REMOVAL**  
1" = 20'

**Exist ROCK SLOPE**  
(TO BE REMOVED AT Exist PIERS)

DESIGN	BY David Romero	CHECKED Randy Bains	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN DESIGN BRANCH 13	BRIDGE No. 24-0001L	SCOUR MITIGATION AMERICAN RIVER BRIDGE
	DETAILS	BY Min Yu			CHECKED Randy Bains	
QUANTITIES	BY David Romero	CHECKED Randy Bains	UNIT: 3586	PROJECT NUMBER & PHASE: 0313000136,1	CONTRACT No.: 03-3F5404	INDEX TO PLANS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 5/8/2018)

DATE PLOTTED => 11-OCT-2019 TIME PLOTTED => 11:28 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0

FILE => 24-00011-a-11p.dgn USERNAME => d148585

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
11/26/18	2	2

**MARINE SAFETY/SECURITY**  
**INFORMATION BULLETIN (MSIB) 20-02**



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



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

Large merchant ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that high-intensity "work lights" used by commercial fishing vessels obscure commercial fishing vessels' navigation lights at night and in low visibility conditions.

A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. Navigation light arrangements are required by international and inland navigational rules and regulations. Rule 20 of the Convention on the International Regulations for Preventing Collisions at Sea, 1972 (COLREGS) and Rule 20 of the Inland Navigational Rules Act of 1980 (33 Code of Federal Regulations (C.F.R.) § 83.20) state, in relevant part:

*"The Rules concerning lights shall be complied with from sunset to sunrise, and during such times no other lights shall be exhibited, except such lights as cannot be mistaken for the lights specified in these Rules or do not impair their visibility or distinctive character, or interfere with the keeping of a proper look-out.*

*The lights prescribed by these Rules shall, if carried, also be exhibited from sunrise to sunset in restricted visibility and may be exhibited in all other circumstances when it is deemed necessary."*

All vessels operating near the San Francisco Bay offshore traffic lanes are required to comply with applicable navigational rules and regulations. Vessels are encouraged to maintain an active listening watch on VHF/FM Channels 13 and 16 and, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Timely reporting and enforcement of violations of navigational rules and regulations promotes safer navigation. Vessel masters, pilots, and operators are encouraged to report incidents which merit investigation. Reports will be fully investigated and may result in license suspension and revocation proceedings or the assessment of civil penalties. Violations of Rule 20 are subject to a maximum penalty amount of \$15,173 per violation under 33 U.S. Code (U.S.C.) § 1608 (for COLREGS violations) and 33 U.S.C. § 2072 (for inland rule violations), as adjusted by 33 C.F.R. § 27.3.

Sincerely,

M. B. BYRD  
Captain, U.S. Coast Guard  
Captain of the Port