U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 30/21

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-0015-21, SF-0099-21, LA-0116-21, and SD-0050-21 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/ or call Waterways Management Branch at 510-437-2929 or e-mail D11-SMB-D11-LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations

LNM: 17/21

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://nauticalcharts.noaa.gov/charts/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: 07/21

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.

INSTRUCTIONS TO SUBSCRIBE TO DISTRICT 11 WEEKLY LNM

1. Follow this link: https://www.dco.uscg.mil/Featured-Content/Mariners/Local-Notice-to-Mariners-LNMs/
2. Select the applicable District from the column on the left.
3. Click "Please subscribe to receive email updates here."
4. Enter your email address.
5. Click Submit.

LNM: 10/21

NORTHERN CALIFORNIA-DELTA AND RIVERS-SAND MOUND SLOUGH-HAZARD TO NAVIGATION

An approximate 100' wooden vessel has been reported aground near Emerald Point Marina east of Bethel Island at approximate position 38-00-45.9N 121-36-58.5W. Mariners are encouraged to transit the area with caution. For more details or comments contact U.S. Coast Guard Sector San Francisco at 312-792-1803.

Chart 18660 LNM: 23/21

NORTHERN CALIFORNIA-HUMBOLDT BAY-MARINE CONSTRUCTION

Humboldt Bay Lighted Buoy 9 (LLNR 8195) will be shifted and off-station in early August to facilitate the construction of a fixed aid, Humboldt Bay Light 9. Humboldt Bay Lighted Buoy 9 will not represent the current channel marking. It is advised that mariners utilize all other aids to navigation and reference points in the area during this construction operation. Mariners are requested to transit the area with caution. For more details or comments contact Sector Humboldt Bay at 707-839-6113 or the contractor "Sustainable Group" at 925-899-9721.

Chart 18622 LNM: 29/21

NORTHERN CALIFORNIA-HUMBOLDT BAY-SEASONAL AID ESTABLISHED

Humboldt Bay Lighted Bell Buoy 2 (LLNR 8135) has been re-established for the 2021 summer season. 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 Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@uscg.mil.

Charts: 18620 18622 LNM: 23/21

NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-MONTEREY BAY NATIONAL MARINE SANCTUARY

US Coast Guard, NOAA and the International Maritime Organization (IMO) established Recommended Tracks in NOAA's Monterey Bay National Marine Sanctuary to enhance the safety and navigation of large vessels (over 300 gross tons) and oil tankers transiting through the sanctuary, as well as to protect sensitive marine environments. It is recommended that laden tankers transit 50 miles offshore and use the western TSS when entering or leaving San Francisco. For further information see enclosure NATIONAL MARINE SANCTUARY.pdf. Mariners are requested to transit the area with caution. For more details or comments contact LT Anthony Solares at 415-399-3585.

Charts: 18680 18685 LNM: 20/21

NORTHERN CALIFORNIA-OFFSHORE SAN FRANCISCO-VESSEL ADRIFT

The U.S. Coast Guard received a report of a 41-foot single masted white Beneteau sailboat not under command with no persons aboard with sails raised in position 36-56.6N 124-00.4W on approximate course 227t making 02 kts. Mariners can track the adrift vessel at https://forecast.predictwind.com/tracking/display/SV_Believe?mapMode=useAtlas&windSymbol=WindStreamlines&weatherSource=ECMWF. Mariners are requested to keep a sharp lookout and use caution when transiting the area. For more information contact USCG Sector San Francisco on VHF-FM Chan. 16, phone 415-399-3530, TELEX 230172343, e-mail: SFOSCC(AT)USCG.MIL

Charts: 18022 18640 18645 18680 LNM: 21/21

NORTHERN CALIFORNIA-PILLAR POINT-ATON TEMPORARY CHANGE

Temporary changes have been made to the sound signal at Pillar Point Harbor Entrance Light (LLNR 4145) at 37-29-38.473N 122-29-04.948W. This change, which is scheduled to be evaluated through July 2021, has resulted in a slightly lower intensity sound signal to the North, North-East, and East of the aid. Mariners are encouraged to submit their feedback concerning any impact this change may have on navigational safety. Comments concerning this project can be sent to Sector San Francisco Waterways Safety, CWO Price, Mickey.T.Price@uscg.mil.

Charts: 18645 18680 18682 LNM: 21/21

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

NOAA and the USCG request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10-knots when transiting the San

Francisco Traffic Separation Scheme (SF TSS) until 15 Nov 21, to protect endangered blue, humpback and fin whales; see enclosure VSRMap2021_SF.pdf.pdf. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq).

Please report any collisions with whales or any observed injured or dead whales to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18640 18680 LNM: 15/21

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-MARINE SAFETY INFORMATION BULLETIN

Coast Guard Sector San Francisco is issuing a Marine Safety Information Bulletin (MSIB) 21-02. Vessels are reminded while operating within the Sector San Francisco (COTP) Zone are required to use their ballast water management systems in accordance with the Code of Federal Regulations (CFR), Part 33, Subpart D Ballast Water Management for Control of Nonindigenous Species in Waters of the United States. 33 CFR 151.2015 paragraph (d)(3) allows for the following vessels to be exempt from the ballast water management requirements in 33 CFR 151.2025. For further information see enclosure Sector San Francisco COPT SMIB.pdf. Mariners may also contact the U.S. Coast Guard Sector San Francisco Investigations Division at SectorSF.Investigations@uscg.mil or 510-813-9636.

Charts: 18640 18645 18649 LNM: 29/21

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 Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@uscg.mil.

Charts: 18007 18010 18020 18022 18640 18645 18649 18680 LNM: 16/19

NORTHERN CALIFORNIA-SAN FRANCISCO-WHALE MIGRATION

An annual whale migration is taking place off the coast of Northern California. There are multiple species of whales transiting our waters. Mariners are requested to proceed with caution and maintain a sharp lookout. Whale sightings can be reported to the National Oceanic and Atmospheric Administration(NOAA) through their free app named "Whale Alert". If a marine mammal is dead, injured or stranded please call 866-767-6114.

Chart 18649 LNM: 15/21

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-MARINE CONSTRUCTION

The Department of Water Resources is taking an emergency action to close the West False River. Construction on the barrier is underway and will be removed by 30 Nov 21. The project site is located at 38-03-25N 121-40-08W and is approximately 0.4 mile east of the confluence with the San Joaquin River, between Jersey and Bradford Islands in Contra Costa County, and is about 4.8 miles northeast of Oakley. Constructing the emergency temporary rock barrier provides a method of controlling saltwater intrusion into the Delta and the barrier was installed in the identical location in 2015. Mariners are requested to transit the area with caution. For more details or comments contact Jason Bacher at 916-376-9859 or Keith Boulton at 360-580-3708.

Charts: 18656 18660 18661 18663 LNM: 22/21

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- DANA POINT TO POINT ARGUELLO - VOLUNTARY SPEED REDUCTION

NOAA and the USCG request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10-knots or less when transiting from Dana Point to Pt. Arguello until 30 Nov 21, to protect endangered whales; see enclosure VSRMap2021_SC.pdf. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (to protect endangered whales 16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.). Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the voluntary extended area to be avoided to reduce the overlap of ships and endangered whales.

Please report any collisions with whales or any observed injured or dead whales to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for

the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18700 18720 18740 LNM: 15/21

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-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

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

Coast Guard District Eleven Waterways upgrade to E-Mail capabilities. All future requests for article submission in the District Eleven Local Notice to Mariners are requested to be E-Mailed to D11-SMB-SMB-D11-LNM@uscg.mil at least two weeks prior to the operation. For more details or comments please contact District Eleven Waterways Management Branch at 510-437-2929 or e-mail D11-SMB-D11-LNM@uscg.mil. Coast Guard District Eleven requests all Local Notice to Mariners submissions be E-Mailed to our office at least 14 days prior to the start of operations for timely submittal and publication.

LNM: 17/21

USCG NATION-WIDE - 2021 Light List AIS-ATON Information

The introduction section Buoys, Beacons, and AIS-ATON of the 2021 Light List has been updated to include the differences, attributes, and chart portrayal of Physical AIS-ATON, Synthetic AIS-ATON, and Virtual AIS-ATON. Mariners are urged to positively identify the type of AIS-ATON and their unique attributes during voyage planning. Refer to the Light List and the AIS-ATON information in the introduction section Buoys, Beacons, and AIS-ATON. Current Light Lists are available at https://www.navcen.uscg.gov/?pageName=lightLists. Questions regarding AIS-ATON may be directed via email to USCG Navigation Center at tis-smb-echarting@uscg.mil.

LNM: 26/21

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	
125	Long Beach Light	LT EXT	18751	LA-0148-20	49/20	
235	Point Buchon Lighted Whistle Buoy 16	MISSING	18703	LA-0104-21	28/21	
345	San Francisco South Traffic Lane Lighted Bell Buoy S	MISSING	18645	SF-0042-21	09/21	
365	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
2635	Ship Rock Light	LT EXT	18757	LA-0095-21	26/21	
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	
3012	Long Beach Light	LT EXT	18751	LA-0148-20	49/20	
3117	Los Angeles Main Channel Lighted Buoy 11	REDUCED INT	18751	LA-0105-21	28/21	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0064-20	27/20	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	

4315	Alcatraz Light	LT EXT	18650	SF-0023-21	06/21
4330	Harding Rock Lighted Buoy HR	RAC INOP	18650	SF-0056-21	13/21
4680	Oakland Inner Harbor Light 10	MISSING/TRUB	18650	SF-0052-21	11/21
4684	Oakland Inner Harbor Turn Basin Light B	STRUCT DMGD	18650	SF-0097-21	29/21
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
5895	Point Pinole Light P	LT EXT	18654	SF-0071-21	17/21
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
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-19	23/19
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
7985	Bodega Harbor Channel Daybeacon 42	MISSING	18643	SF-0051-21	11/21
8080	Albion River Light 1	SS IMCH	18628	HB-0014-21	28/21
8205	Humboldt Bay Light 11	SINKING	18622	HB-0005-21	09/21

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5190	Redwood Creek Entrance Light 4	WATCHING PROPERLY	18651	SF-0099-21	30/21	30/21

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	
4401	Richardson Bay Daybeacon 8	DAYMK DMGD	18653		15/20	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	
4576	South Beach Harbor North Entrance Light 2	LT EXT	18650	SF-0047-21	11/21	
4577	South Beach Harbor North Entrance Light 1	LT EXT	18650	SF-0046-21	10/21	
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/RAC INOP	18653	SF-0026-19	07/19
5661	Southampton Shoal Outfall Lighted Buoy 1	MISSING/TRLB	18653	SF-0029-20	18/21
5662	Southampton Shoal Outfall Lighted Buoy 2	LT IMCH	18653	SF-0059-21	14/21
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
8325	Pacific Gas and Electric Dike Light	LT EXT	18622	HB-0009-21	20/21

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
280	Point Sur Light	Reduced Intensity	18686	SF-0105-20	35/20	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR

Corrective Action	Object of Corrective Action	Position
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3 Green can	CGD01 at 40-41-09.001N 074-02-48.001W

(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.

18665 11th Ed. 01-AUG-04 Last LNM: 09/21 NAD 83 30/21

ChartTitle: **Lake Tahoe (Metric)**

Main Panel 1865 LAKE TAHOE. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 18665 will be published. It will be canceled on 26-Aug-21. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

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 Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@uscg.mil.
Chart 18749 LNM: 15/20

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s) **Closing** **Docket No.** **Ref. LNM**

None

Proposed Change Notice(s)

None

SECTION VII - GENERAL

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

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/CALIFORNIA-COLORADO RIVER-BRIDGE

PARKER RAILROAD BRIDGE- All navigation lights on the bridge are extinguished. Estimated time of repair, 31 Oct 21. For further information contact the Coast Guard Bridge Office at 510-437-3514.

LNM: 30/21

CALIFORNIA-OFFSHORE CALIFORNIA-SURVEY OPERATIONS

SAILDRONE, INC. is conducting oceanographic survey operations and will operate three Unmanned Surface Vehicles called Saildrones for oceanographic and fisheries research, in the waters from Cape Flattery, WA, to Point Conception, CA, until 23 Sep 21. They will be launched from Grays Harbor, WA and Alameda, CA. Saildrones are 23' sailing vessels, and painted orange. The Saildrone will be operating 24 hours a day. Mariners are requested to transit the area with caution and maintain a 550yds separation from the Saildrones. For more details or comments contact David Demer at 858-864-4112 or Kevin Stierhoff at 808-225-0106.

Charts: 18600 18620 18640 18680 18700

LNM: 27/21

NORTHERN CALIFORNIA-CARQUINEZ STRAIT-BRIDGE

UPSTREAM AND DOWNSTREAM BENICIA-MARTINEZ HIGHWAY (I-680) BRIDGES-Work has commenced on the replacement-in-kind of all navigation lights, fog horns and RACON of the two bridges. Work will take place Monday through Friday during daylight hours through 22 Feb 22. A 21' aluminum boat, the "BATES RULES" will be tied off of various piers during the work. At no time will the vessel be working in main navigation span of either the upstream or downstream bridge. To ascertain the location of the "BATES RULES" mariners can hail it on VHF-FM Channel 16 or 9, 13, or 14 or call 510-557-1507. The vessel can be moved for navigational safety if at least 15 minutes notice is given to the "BATES RULES." For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18656

LNM: 18/21

NORTHERN CALIFORNIA-CARQUINEZ STRAIT-MARINE CONSTRUCTION

The Dutra Group is conducting marine construction at the C&H Sugar Refinery at 38-03-25N 122-12-57W in Crockett, CA, during daylight hours until 20 Dec 21. Towing and maneuvering of barges will be conducted 24 hours daily. Operations will be conducted within the following coordinates:
38-03-30N 122-13-26W
38-03-29N 122-12-49W
38-03-23N 122-12-49W
38-03-22N 122-13-28W
Crane Barge 1 and a work boat will be monitoring VHF-FM Chan. 09, 16 and 77. Mariners are requested to transit the area with caution. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18655

LNM: 26/21

NORTHERN CALIFORNIA-CONCORD-SUISUN BAY-MARINE CONSTRUCTION

The Dutra Group is conducting marine construction at the Military Ocean Terminal Concord (MOTCO) during daylight hours from 01 Aug 21 until 12 Jan 22. The operation consists of the completion of the Barge Pier Repair and to construct the Small Craft Birthing Facility. The upstream and downstream corners of each barge will be lighted at night with steady burning red lights. A Kelso Barge along with small workboats will be conducting the operations and monitoring VHF-FM Chan. 09, 16 and 68A. Mariners are requested to transit the area with caution. For more details or comments contact Kathleen Nelson at 415-755-0936.

Charts: 18656 18658

LNM: 24/21

NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS

NOAA has deployed two research moorings in the following positions:
38-03-03N 123-27-24W
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

U.S. 101 HIGHWAY BRIDGE-A pedestrian bridge is being constructed on the east side of the highway bridge. Work will take place Monday through Friday 0700-1700, and if needed Sunday night to Thursday night 2300-0600 and Friday night through Saturday night 2300-0800 through 30 Dec 21. Temporary platforms will be erected at each bent of the bridge, reducing horizontal clearance of each span by 14 ft and vertical clearance by 9 ft beneath the platforms. The upstream and downstream lower outboard corners of the temporary platform, in the main navigation span, will be lighted at night with fixed red lights (see TempPlatform_CorteMaderaCreek.pdf at the end of this notice for location of lights). Temporary walkways will be erected over the channel. Equipment and construction elements will be lifted over the channel at various times during the project. No in-water equipment is anticipated at this time. For conditions at the bridge mariners can contact the contractor at 408-605-2892 or Caltrans at 510-867-6033. For further information contact the Coast Guard Bridge Office at 510-437-3516.

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

Chart 18649 LNM: 18/21

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 31 Aug 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: 29/21

NORTHERN CALIFORNIA-DELTA & RIVERS-OLD RIVER-BRIDGE

CA ROUTE 4 BRIDGE-Harbor Offshore will be conducting submarine cable toning dive operations from 0700 to 1600, 02 Aug to 03 Aug 21. Mariners are requested to contact dive vessel "DSV Tuna Thumper" on VHF-FM CH 16/09 or by cell at 415-559-4188/707-759-0243 approximately 30 minutes prior to arriving at the bridge to allow divers to resurface and clear the area. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 30/21

NORTHERN CALIFORNIA-DELTA & RIVERS-OLD RIVER-BRIDGE

CA ROUTE 4 DRAWBRIDGE-A temporary change in the operating schedule for the swing span is in effect through 0600 on 07 Aug 21. During this period the swing span of the bridge will open on signal if at least a four hour notification is given to the drawtender at the Rio Vista bridge across the Sacramento River, mile 12.8. The Rio Vista drawtender can be reached at 707-374-2134, primary number, or 209-948-7556, secondary number. This temporary change in the operating schedule of the bridge will assist the Coast Guard in determining whether a permanent change in the schedule is warranted.

Mariners are requested to comment on how the proposed schedule change will impact navigation on the waterway. Boat owners who need a drawspan opening are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units). Interested parties are requested to express their views, in writing, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed change. Comments will be received at D11-SG-M-DPW-Bridges@uscg.mil through August 7, 2021. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 17/21

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

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-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-SAN JOAQUIN RIVER-BRIDGE

NORTHERN CALIFORNIA-DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

ANTIOCH BRIDGE-Work has commenced on the replacement-in-kind of all navigation lights, fog horns and RACON of the bridge. Work will take place Monday through Friday during daylight hours through 22 Feb 22. A 21' aluminum boat, the "BATES RULES" will be tied off of various piers during the work. At no time will the vessel be working in main navigation span of the bridge. To ascertain the location of the "BATES RULES" mariners can hail it on VHF-FM Channel 16 or 9, 13, or 14 or call 510-557-1507. The vessel can be moved for navigational safety if at least 15 minutes notice is given to the "BATES RULES." For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 18/21

NORTHERN CALIFORNIA-DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

CROWS LANDING ROAD-Stanislaus County has begun mobilizing crews and equipment to replace the bridge. The project is anticipated to be completed by 01 Aug 23. A temporary bridge will be installed to facilitate construction. The temporary bridge will provide, at a minimum, 20 feet of horizontal clearance and 12 feet of vertical clearance at Ordinary High Water. Mariners are requested to use extreme caution when transiting the work site. For conditions at the project site mariners can contact the contractor at 916-869-8210 or 559-593-5182. For further information contact the Coast Guard Bridge Office at 510-437-3461.

LNM: 16/21

NORTHERN CALIFORNIA-DELTA & RIVERS-TURNER CUT-BRIDGE

ZUCKERMAN BROTHERS BRIDGE-The retractable span of the bridge is working intermittently due to electronic sensor issues. The retractable span may or may not open when requested. The bridge owner is awaiting parts to effect repairs. Mariners should call ahead of approaching the bridge to ascertain the operating status of the span. The bridge tender can be reached at 209-227-6092. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 30/21

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.

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-MONTEREY BAY-OCEANOGRAPIC OPERATIONS

The United States Navy, Naval Postgraduate School, Oceanography Department have deployed sub-surface oceanographic instrument moorings in Monterey Bay until 10 Aug 21. The moorings will be marked by an 18 inch white buoy, 11 meter spar buoy or a wave buoy. These sub-surface moorings are located at the following coordinates:
36-36-20N 121-52-34W
36-37-02N 121-51-27W
36-37-43N 121-51-48W
36-42-05N 121-48-54W
36-37-07N 121-51-36W
36-48-08N 121-47-29W
36-42-05N 121-49-10W
36-37-14N 121-51-46W
36-36-15N 121-52-32W
36-37-01N 121-51-23W
Mariners are requested to transit the area with caution. For more details or comments contact Jamie MacMahan at 831-588-8727.

Chart 18685 LNM: 22/21

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR CHANNELS-DREDGE OPERATIONS

The Dutra Group will be conducting dredge operations at the Oakland Inner and Outer Harbor Channels at 37-48-10N 122-21-12W, 24 hours a day, 7 days a week until 30 Dec 21. All dredged material will be disposed of at SF-10/11 or Montezuma Wetlands. DB 24 or DB BEAVER, 04 split hull scows, tugs BECKY T, PHYLLIS T, ARTHUR BRUSCO along with tug HEIDI L BRUSCO will conduct operations and will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Dennis Salyers at 415-497-5289.

Chart 18650 LNM: 24/21

NORTHERN CALIFORNIA-OFFSHORE EUREKA-GEOPHYSICAL SURVEY

Cardinal Point Captains, Inc. will be conducting a low-energy geophysical survey offshore of Eureka, CA from 02-15 Aug 21, 24 hrs daily. The proposed survey area will be bounded by the following coordinates:
40-48-00N 124-12-36W
40-51-00N 124-25-48W
40-43-12N 124-29-06W
40-43-12N 124-15-54W
M/V Surveyor will be limited in her ability to maneuver during operations and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit

NORTHERN CALIFORNIA-OFFSHORE EUREKA-GEOPHYSICAL SURVEY

the area with caution. For more details or comments contact Pasquale De Rosa at 714-595 -1689 or Pasquale.DeRosa@cpcperforms.com.

Charts: 18620 18622 LNM: 28/21

NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-UNDERWATER OPERATIONS

Reef Check Foundation have deployed underwater equipment offshore Monterey Bay, CA within the following coordinates:
36-36-17N 121-52-46W
36-36-18N 121-52-49W
36-36-15N 121-52-50W
36-36-14N 121-52-46W
All equipment will be established until 24 Mar 24. Mariners are requested to transit the area with caution and avoid anchoring within the coordinates listed above. For more details or comments contact Dan Abbot at 510-684-7835.

Chart 18685 LNM: 12/21

NORTHERN CALIFORNIA-OLD RIVER-MARINE CONSTRUCTION

Drill Tech Drilling and Shoring, Inc. will conduct marine construction on the Old River Cofferdam at 37-48-20N 121-24-15W from 01 Aug 21 until 31 Oct 21. Construction of a steel sheet pile temporary cofferdam will obstruct a portion of Old River. Flashing warning buoys will be marking the construction area. Mariners are requested to transit the area with caution. For more details or comments contact Keith Jones at 510-505-4099.

Chart 18661 LNM: 28/21

NORTHERN CALIFORNIA-REDWOOD CITY-DREDGE OPERATIONS

Curtin Maritime will conduct maintenance dredge operations in Redwood City Channel 24 hrs per day 7 days a week until 30 Sep 21. Material will be removed from within the channel and placed at SF-11 and Cullinan Ranch Upland disposal sites. DB IRONBOUND along with tugs BERNADINE C, SEANA C, TAURUS, 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 Mike Patria at 630-418-1190.

Chart 18651 LNM: 23/21

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.

Chart 18649 LNM: 02/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

RICHMOND/SAN RAFAEL BRIDGE-Caltrans will be conducting dive operations, 0800-1600, 02-06 Aug 21 and 16-20 Aug 21 on piers 19-55, including the east and west navigation spans of the bridge. The 33' aluminum landing craft dive vessel, "Official Business" and the 32' aluminum drill barge "R/V Seadog" will have heavy equipment on their decks. Diver's umbilical hose may be floating at or near the surface, adjacent to the vessels. All approaching vessels should contact the vessel, "Official Business" or "R/V Seadog", on VHF-FM CH 16/14/09 or by cell 916-769-1786/916-206-7604/213-364-6428, approximately 30 minutes before transiting the bridge dive site to ascertain the location of the divers. Extreme caution should be use when passing though the bridge. For further information, mariners can contact the Coast Guard Bridge Office at 510 437-3516.

Chart 18649 LNM: 30/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

RICHMOND-SAN RAFAEL BRIDGE-Gusset repairs on the bridge are in progress. Four temporary underdeck platforms will be installed beneath the bridge, between piers 34-35 and 47-48 and shall encroach no more than 175 feet from each fender face to edge of platforms towards centerline, reducing vertical clearance by no more than 7 feet. During the work the east span will provide 620 feet and the west span will provide 650 feet of horizontal clearance in the center of the channel for navigation. The upstream and downstream lower edge of each temporary platform will be lighted at night with steady burning red lights (see Rich-SR_Bridge_TemporaryPlatform.pdf at the end of this notice for location of lights). Work will be conducted Monday through Friday, 0700 to 1700 through 15 Feb 23. For conditions at the bridge, mariners can contact Caltrans at 510-715-8212. For further information concerning this project please contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18653 LNM: 22/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

SAN MATEO/HAYWARD BRIDGE-Structural repairs to the superstructure of the bridge are complete. Work is continuing on the causeway portion of the bridge, east of pier 38, 0700 to 1530, Monday through Friday, through 15 May 22. 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. 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 510-437-3515.

Chart 18651 LNM: 27/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

GOLDEN GATE BRIDGE-Four 54' temporary under deck platforms; one 1450' and one 2025' north of the south tower, one 500' and one 725' south of the north tower, reduce vertical clearance at the bridge by no more than 14'. 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_21Jul21.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: 29/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

RICHMOND-SAN RAFAEL BRIDGE-Concrete/steel repairs and cleaning of the bridge are in progress. Work is being conducted Monday through Friday, 0500 to 1700, through 01 May 23. Temporary underdeck platforms are being installed from the western shore to pier 33 and between piers 43-46 reducing vertical clearance in each span by three feet. The upstream and downstream lower edge of each temporary platform will be lighted at night with steady burning red lights (see R-SR_Bridge_Temp_Platform_Lighting.pdf at the end of this notice.) Two 160′ X 50′ barges and one 110′ X 32′ barge will be used to assist in the installation of the platforms and for the blasting and painting. One barge has been secured to pier 8 and will be left on-scene, overnight, unmanned. The outboard corners of the barge at pier 8 will be lighted at night with steady red lights. Barge "37" and barge "32" can be contacted on VHF-FM Ch. 16, 13 and 14. At no time will the work impede the east or west navigation spans or their auxiliary spans. For conditions at the bridge, mariners can contact the contractor at 860-904-8787 or 443-847-6286. For further information concerning this project contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18653 LNM: 16/21

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 Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@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-OAKLAND INNER HARBOR-BRIDGE

MILLER SWEENEY DRAWBRIDGE- Alameda County is conducting repairs to the bridge fender system, including removal and replacement of the dolphin clusters, along with construction of a replacement access pier. The work is being conducted from 0700-1530, Mon-Fri, through 30 Nov 21. Three barges will be onsite for the project: 50x150′ crane & excavator barge, "KELSO"; a 88x99′ crane barge, "CB2"; and a 60x76′ material barge, 'LITTLE CINDY" (see MillerSweeney_barge-locations.pdf at the end of this notice). Also, onsite will be the tugboat "SARAH REED", workboat 'LINDA T", and a skiff boat. All vessels will be monitoring VHF-FM chl 9 & 16, and working chl 68A. Contractor can be contacted by calling 415-755-5421. After normal working hours, the barges will be unmanned and spudded down in the navigable channel northwest of the High St. Bridge. During working hours, a barge can be moved for safe navigation of passing vessels with 30 min notice. 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 18649 LNM: 28/21

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-DREDGE OPERATIONS

Dutra Construction Company will conduct dredging operations within the San Francisco Main Shipping Channel 24hrs a day from 02 Aug 21 until 08 Sep 21. Dredging will take place between Stations 000+00 and Station 262+13 near San Francisco Main Ship Channel Lighted Bell Buoy 01 (LLNR 4160) through San Francisco Main Ship Channel Lighted Whistle Buoy 08 (LLNR 4195). D/B STUYVESANT will be conducting the operations and monitoring VHF-FM Chan. 13 and 16. D/B STUYVESANT will be offloading material onto Ocean Beach via a sunken pipeline in the vicinity of 37-44-00N 122-31-28W. Mariners are requested to transit the area with caution. For more details or comments contact Marshall Thompson at 415-419-9316.

Charts: 18645 18649 18680 LNM: 30/21

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 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 Dec 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.

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-MARINE CONSTRUCTION

Charts: 18661 18663 LNM: 28/20

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-PATTERSON-UNDERWATER OPERATIONS

Longitude 123, Inc. is conducting underwater operations, including commercial diving, in the San Joaquin River near Patterson, California from 01 Aug 21 until 01 Oct 21 at 37-27-18N 121-02-26W. A sectional barge with a crane will be moored using spuds and two backup anchors. The anchors will be marked by orange plastic crown buoys. All vessels will monitor VHF-FM Chan. 16. All Mariners are requested to transit the area with caution and all vessels approaching the moored work vessels must receive radio permission from the diving supervisor on the derrick barge before passing within 500 feet of the barge. For more details or comments contact Scot Anderson at (805) 796-1235.

Chart 18661 LNM: 28/21

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-SOUTH SLOUGH-BRIDGE

TEMPORARY BRIDGE-PG&E has installed a temporary floating bridge, in position 38-09-09N, 122-20-08W, to facilitate emergency tower repairs to the electrical grid. Mariners are urged to use caution when transiting the area. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Charts: 18654 18655 LNM: 12/21

NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMARINE CABLE

Trans Bay Cable LLC owns and operates a charted 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 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-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-STOCKTON DEEP WATER SHIP CHANNEL-DREDGE OPERATIONS

Ross Island Sand & Gravel Co. is conducting dredge operations in the Stockton Deep Water Ship Channel 24 hours a day 7 days a week from 31 Jul 21 until 21 Aug 21. Dredge operations will start in the vicinity of Decker Island in position 38-04-29N 121-45-44W and finish near Rio Vista at River in position 38-09-32N 121-41-03W. A submerged dredge pipe will come ashore at the following positions:
First-38-05-10N 121-44-08W
Second-38-08-08N 121-41-43W
D/V DREDGE 8 will conduct all dredge operations and will monitor VHF-FM Chan. 13, 16, and 79. Mariners are requested to transit the area with caution. For more details or comments Rod Oliva at 503-349-7436.

Charts: 18656 18661 LNM: 29/21

NORTHERN CALIFORNIA-SUISUN BAY-DIVE OPERATIONS

CECOS Group and VR Habilis will conduct dive operations in the vicinity of Military Ocean Terminal Concord (MOTCO), CA until 30 Jul 21. Operations will be conducted at 38-03-23N 122-02-24W. Two dive vessels will be on scene and monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Kyle Bredehoeft 660-620-9119.

NORTHERN CALIFORNIA-SUISUN BAY-DIVE OPERATIONS

Chart 18656 LNM: 15/21

NORTHERN CALIFORNIA-SUISUN BAY-MONTEZUMA SLOUGH-LOCK CLOSURE

The California Department of Water Resources advises that it has removed the flashboards and suspend boat lock operations at the Suisun Marsh salinity control structure, located 2.2 nautical miles from the easterly end of Montezuma Slough 38-05-36N 121-53-07W. Mariners are advised to use the Maintenance Channel on the east side of the slough. The boat lock will be closed to boat traffic. Signs and lights will be posted to warn vessels to avoid the boat lock. Mariners are requested to transit the area with caution. For more details or comments contact Ian Uecker at 916-574-2991.

Chart 18656 LNM: 21/21

NORTHERN CALIFORNIA-VALLEJO-DREDGE OPERATIONS

Curtin Maritime will conduct maintenance dredge operations at the Vallejo Ferry Terminal, 24 hrs per day 7 days a week from 16 Aug 21 until 18 Sep 21. Material will be disposed at Cullinan Ranch Upland disposal site. An offloader Barge will be spudded and anchored down at the confluence of the Napa River and Dutchman Slough with a floating and illuminated pipeline crossing into and running a partial length of Dutchman Slough on the southern side into Cullinan Ranch. DB IRONBOUND along with tugs BERNADINE C, SEANA C, TAURUS, BABY T, 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 Mike Patria at 630-418-1190.

Charts: 18654 18655 LNM: 30/21

NORTHERN CALIFORNIA-VALLEJO-MARE ISLAND STRAIT-DREDGE OPERATIONS

Curtin Maritime will conduct maintenance dredge operations at Mare Island Dry Dock at 38-05-43N 122-15-53W, 24 hrs per day 7 days a week until 15 Aug 21. Material will be disposed at Cullinan Ranch Upland disposal site. An offloader Barge will be spudded and anchored down at the confluence of the Napa River and Dutchman Slough with a floating and illuminated pipeline crossing into and running a partial length of Dutchman Slough on the southern side into Cullinan Ranch. DB IRONBOUND along with tugs BERNADINE C, SEANA C, TAURUS, ELIZABETH C BABY T, 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 Mike Patria at 630-418-1190.

Chart 18655 LNM: 24/21

OFFSHORE CALIFORNIA-MORRO BAY-HUMBOLDT BAY-BUOY DEPLOYMENT

Pacific Northwest National Laboratory has deployed a buoy until 31 Jul 21 in the following locations:
1-Humboldt Bay, CA at 40-58-06N 124-35-08W
2-Morro Bay, CA at 35-42-45N 121-51-59W.
The buoys being deployed are yellow and have the light characteristics of Fl (5)Y 20s. Mariners are requested to transit the area with caution. For more details or comments contact Alicia Gorton at 509-412-0589.

Charts: 18620 18700 18703 LNM: 22/21

OFFSHORE CALIFORNIA-OFFSHORE MEXICO-LIVE FIRE EXERCISE

The U.S Navy will be conducting live gunnery exercise daily from 0900-1600 through 04-05 Aug 21. Operations will be offshore San Quintin, Mexico and bound by the following coordinates:
30-34-12N 116-30-00W
29-38-24N 115-58-48W
29-36-36N 118-44-24W
30-33-36N 118-42-00W
Mariners are requested to avoid the area. For more details or comments contact LCDR Neal Dunne at 516-376-7801.

LNM: 28/21

OREGON-WASHINGTON-COMMERCIAL SALMON FISHERIES

Effective 20 Jul 21 until 01 Sep 21 the quota for the commercial salmon troll fishery North of Cape Falcon, is increased from 15,375 Chinook Salmon to 16,931 Chinook Salmon through an impact-neutral rollover.

Effective on 24 Jul 21 in the recreational salmon fishery from the U.S./Canada border to Cape Alava, Washington (Neah Bay Subarea), the daily bag limit is changed to two salmon per day, only one of which may be Chinook Salmon.

Charts: 18480 18500 18520 18580 18600 LNM: 29/21

SOUTHENR CALIFORNIA-HERMOSA BEACH-DIVE OPERATIONS

Theory Marine Services will be conducting dive operations off shore of Hermosa Beach at 33-52-00N 118-25-00W until 15 Aug 21. The M/V JAB will be on scene and in support of the installation of the cable system in the subsea cable area. M/V JAB will be restricted in ability to maneuver due to deploying multiple anchor spreads up to 2000 feet in length and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Brayton Pointer at 805-746-4242.

Chart 18744 LNM: 25/21

SOUTHERN CALIFORNIA- SAN DIEGO-SAN DIEGO BAY-SAFETY ZONE

Fireworks America will sponsor the fireworks display at the USS MIDWAY on 05 Aug 21 from 2145-2150. The event will consist of a fireworks shoot from a barge located in San Diego Bay, southwest of the USS MIDWAY at 32-48-14N 117-10-35W. An 800-foot radius safety zone around the tug/barge combination will encompass all navigable waters around the barge and will be enforced from 2115-2200. All mariners are to avoid the safety zone and use due caution when transiting outside these areas. For more details or comments contact Julie Andrews at 619-938-8277.

Chart 18773 LNM: 30/21

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

SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT

Charts: 18746 18757 LNM: 47/19

SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT

Marine BioEnergy INC. has deployed a 28 inch yellow research buoy with the characteristics of Fl Y 4s at 33-28-12N 118-29-33W and will remain at this position until the end of Aug 21. Mariners are requested to transit the area with caution. For more details or comments contact Cindy Wilcox at 818-952-6018.

Chart 18757 LNM: 17/21

SOUTHERN CALIFORNIA-CHANNEL ISLANDS HARBOR-MARINE CONSTRUCTION

Connolly Pacific will conduct marine construction and jetty repairs in Channel Islands Harbor, CA during daylight hours until 23 Nov 21. Two offshore cylinder can moorings with a light characteristic (Fl W 2s) will be utilized outside of the navigable channel in the vicinity of Hobie Beach, Channel Islands, CA during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 13, 16, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Caleb Shen 562-577-3602.

Chart 18725 LNM: 13/21

SOUTHERN CALIFORNIA-CORONADO-MILITARY OPERATIONS

The U.S. Navy will be conducting darkened ship operations off the coast of Naval Amphibious Base Coronado within a 5 nm radius of 32-38-59N 117-11-52W and 32-35-57N 117-10-17W. Operations will be conducted at 2000-0200 nightly from 02-06 Aug 21. A U.S. Navy small craft will monitor VHF-FM Chan. 82A. Mariners are requested to transit the area with caution. For more details or comments contact Jonathan Birzon at 480-399-3618.

Chart 18765 LNM: 30/21

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 LNM: 43/17

SOUTHERN CALIFORNIA-MONTEREY BAY-WAVEGLIDER DATA COLLECTION

Liquid Robotics (www.liquid-robotics.com) will conduct continuous autonomous, unmanned maritime vehicle operations until 15 Sep 21 and will be bounded by the following coordinates:
36-54-14N 121-58-45W
36-49-37N 122-11-44W
36-54-06N 122-17-58W
36-55-37N 122-00-39W
Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. It is surfboard size, copper in color, with a contact plaque and mast extending 1 meter above the surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics Operations Center at 408-636-4205, or by email at support@liquid-robotics.com.

Chart 18685 LNM: 23/21

SOUTHERN CALIFORNIA-NEWPORT BEACH HARBOR-DREDGE OPERATIONS

Pacific Dredge Company is conducting dredge operations at Newport Beach Harbor at 33-35-41N 117-52-49W. Operations will be conducted 12 hrs. a day Monday through Saturday until 04 Aug 21. Dredging will take place at the main entrance channel and Balboa Beach in Newport Beach. DB 180, tug CONTENDER, harbor boat CADET along with Dump Scows PDC 2001 and PDC 2002 will be conducting operations. All vessels will be monitoring VHF-FM Chan. 06 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Jorge Tomas at 949-274-5078.

Chart 18725 LNM: 26/21

SOUTHERN CALIFORNIA-NEWPORT HARBOR-TEMPORARY ANCHORAGE

The City of Newport Beach Harbor Department will establish a temporary anchorage until 31 Dec 21 that will be bounded by the following coordinates:
A-33-37-06N 117-55-36W
B-33-37-07N 117-55-35W
C-33-37-04N 117-55-30W
D-33-37-01N 117-55-33W
A Newport Beach Harbor Department vessel will be deploying four yellow 42 inch spherical buoys to mark the anchorage. All vessels conducting the buoy deployment will monitor VHF-FM Chan. 19. Mariners are requested to transit the area with caution. For more details or comments contact the City of Newport Beach Harbor Department at 949-270-8159.

Chart 18754 LNM: 29/21

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 PT. CONCEPTION TO DEL MAR-OCEANOGRAPHIC OPERATIONS

Research vessel SALLY RIDE is conducting surface to floor oceanographic operations offshore Pt. Conception to Del Mar, CA until 31 Jul 21. Research vessel SALLY RIDE will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Daniel Schuller at 858-534-2888.

SOUTHERN CALIFORNIA-OFFSHORE PT. CONCEPTION TO DEL MAR-OCEANOGRAPHIC OPERATIONS

Charts: 18720 18740 LNM: 23/21

SOUTHERN CALIFORNIA-OFFSHORE SAN CLEMENTE ISLAND-OCEANOGRAPHIC OPERATIONS

The Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL (Call Sign WSQ-2674) will conduct surface-to-floor oceanographic operations from 29-31 Jul 21. Operations consist of over-the-side sampling with a variety of tethered instruments. Operations will be within 2 NM of the following locations:
Trask Knoll-33-32-24N 120-15-24W
Tanner Bank- 32-51-18N 119-08-54W
During operations R/V ROBERT GORDON SPROUL will be restricted in ability to maneuver and will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18740 LNM: 29/21

SOUTHERN CALIFORNIA-OFFSHORE SAN PEDRO-BUOY DEPLOYMENT

The Sanitation Districts of Los Angeles County has deployed a mooring buoy at 33-43-09N 118-23-38W. The mooring buoy is a 3 ft, yellow in color and has the characteristics of Fl W 2s. The buoy will be deployed until 30 Sep 21. Mariners are requested to transit the area with caution. For more details or comments contact Brent Haggin at 562-908-4288.

Chart 18746 LNM: 24/21

SOUTHERN CALIFORNIA-OFFSHORE SANTA ROSA AND SANTA CRUZ ISLANDS-ISLA VISTA-GEOPHYSICAL SURVEY OPERATIONS

Scripps Institution of Oceanography will be conducting geophysical surveys at 34-01-00N 119-17-00W in the vicinity of the Santa Rosa and Santa Cruz Islands and Isla Vista at 34-22-00N 119-50-00W until 30 Jul 21. R/V BEYSTER will be trailing survey instruments 1640 feet off the stern and will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Jillian Maloney at 619-228-6075.

Chart 18720 LNM: 25/21

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 HUENEME TO ANACAPA ISLAND-AUTONOMOUS SURFACE VESSEL (ASV) DEPLOYMENT

NOAA will deploy an ASV between 09-19 Aug 21 in the following location between Santa Cruz and Anacapa Island at 33-58-00N 119-29-30W with a 0.5NM radius to the North, South, West and East. This area is locally referred to as "Footprint". The R/V SHEARWATER will launch a single WAVEGLIDER ASV on 09 Aug 21 and recover it on 19 Aug 21. The ASV will be operating 24 hours a day and is yellow with a white light atop a mast, dimensions are 3m by 0.8m. It will remain on the surface throughout and at a maximum speed of 3 knots. The R/V SHEARWATER will be on scene from 0800-1800 daily monitoring VHF-FM Chan. 12 and 16. Mariners are advised to use caution when transiting the area as the ASV should be considered limited in ability to maneuver. For more details or comments contact LTJG Nicolas DeProspero at (805) 450-1504.

Chart 18729 LNM: 26/21

SOUTHERN CALIFORNIA-PORT OF LONG BEACH-MARINE CONSTRUCTION

Dutra Construction Company will be conducting dredge operations at the Port of Long Beach Pier G between berths G235 and G236. Operations will be until 01 Mar 22 and will be Monday through Saturday from 0600 to 2100. DREDGE MORTY will conduct operations and will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Andrew Hunt at 415-847-6640.

Charts: 18749 18751 LNM: 23/21

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

SCHUYLER HEIM BRIDGE-Construction of the replacement bridge is complete. All construction materials have been removed from the waterway. The replacement bridge provides 75' of horizontal clearance and 45' of vertical clearance at mean high water to low steel. For more information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 10/21

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' temporary platform, which reduces vertical clearance by 4’, is currently being moved so its east end is 3’ from the centerline of the bridge. The upstream and downstream corners and every 50' along the upstream and downstream side of the platform is 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. 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, or contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 31/21

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.

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 41/16

SOUTHERN CALIFORNIA-SAN DEIGO BAY-MARINE EVENT

The Cortez Racing Association (CRA) will sponsor the CRA Crown Cup on 05 June 21 from 1000 to 1700. The regatta will consist of 50 sailboats starting near San Diego Bay Channel Lighted Buoy 30 (LLNR 2005), sailing courses around South San Diego Bay, and end back at buoy 30. Mariners are requested to transit the area with caution. For more details or comments contact Dale Greaney at 760-470-1730.

Chart 18773 LNM: 21/21

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-CORONADO ROADS-MARINE EVENT

The San Diego Yacht Club will sponsor the San Diego Olympic Classes Regatta from 11-13 June 21 from 1100 to 1600. The regatta will consist of 50 sailboats sailing courses around Coronado Roads. Mariners are requested to transit the area with caution. For more details or comments, contact Jeff Johnson at 619-758-6310.

Chart 18773 LNM: 21/21

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. will conduct marine construction 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 KILEEN, 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-MARNIE CONSTRUCTION

R.E. Staite Engineering Inc. will conduct marine construction until 31 Aug 21 in San Diego Bay at 32-41-35N 117-09-03W. Dredge DB PALOMAR, DB WILLIAM F, barges RES 180, RES 120 along with push boat JENNIE R and Tug KILLEEN will be conducting operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Brian Goerres at 619-481-1429 or Erick Myers at 619-233-0178.

Chart 18773 LNM: 24/21

SOUTHERN CALIFORNIA-SAN DIEGO BAY–MARINE CONSTRUCTION

The U.S. Navy will be conducting maintenance at Pier 22, Naval Amphibious Base, Naval Base Coronado at 32-40-45N 117-09-32W. Construction will take place from 0600-1800, weekdays until 30 Sep 21. Mariners are urged to transit by the work site and all associated vessels at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. For more details or comments contact LT Nicolaas van Wyngaardt at 619-437-0967.

Chart 18773 LNM: 30/21

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 EVENT

Thunderboats Unlimited, Inc. will sponsor the San Diego Bayfair racing event in Mission Bay, CA from 0600-1800 on 17-19 Sep 21. 100 powerboats will participate in this event. A special local regulation has been established encompassing the navigable waters of Mission Bay to include Fiesta Island, Crown Point, and Ski Beach. There will be perimeter boats around the closed area that can answer your questions during the closure times or you can hail "Course Control" on VHF-FM Chan. 66 during closure times. Mariners will be prohibited from transiting through the special local regulation during this event. For more details or comments contact Mr. Bob Davies at 858-578-7454.

Charts: 18772 18773 LNM: 23/21

SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-MARINE EVENT

Fireworks America will sponsor the fireworks display at SeaWorld nightly until 06 Sep 21 from 2045-2150. The events will consist of a fireworks shoot from a barge located in Mission Bay south of Fiesta Island at approximately 32-46-03N 117-13-11W. An 800 foot radius safety zone around the tug/barge combination will encompass all navigable waters around the barge and will be enforced from 2030-2200. All mariners are to avoid the safety zone and use due caution when transiting outside these areas. For more details or comments contact Julie Andrews at 619-938-8277.

Chart 18765 LNM: 23/21

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, through 19 Aug 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: 26/21

SOUTHERN CALIFORNIA-SANTA BARBARA-DIVING OPERATIONS

Aqueos Corporation will be conducting diving operations in the vicinity of offshore Santa Barbara from 01 Aug 21 until 15 Sep 21. M/V CLEAN OCEAN will be using divers to complete operations using "live boat mode". See enclosure below Aqueos Corp Offshore Santa Barbara.pdf below for area map and coordinates. M/V CLEAN OCEAN will be on scene monitoring VHF-FM Chan 16 and cell phone 805-218-3023. Mariners are requested to transit the area with caution. For more details or comments contact project manager Jason Smith at 805-205-3156.

Chart 18725 LNM: 30/21

SOUTHERN CALIFORNIA-SANTA BARBARA-LEADBETTER BEACH-MARINE EVENT

Nite Moves will conduct a 1K Ocean Swim at Leadbetter Beach every Wednesday from 1830-1930 until 25 Aug 21. Approximately 50 swimmers will swim between buoys placed by the city along the beach. Mariners are requested to transit the area with caution. For more details or comments contact Jay Campbell at 805-705-5676.

Chart 18725 LNM: 26/21

SOUTHERN CALIFORNIA-VANDENBERG AFB-HAZARDOUS OPERATIONS

Hazardous aerial operations will be conducted from Vandenberg AFB, CA from 2349-0615 through 10-12 Aug 21. Hazardous operation areas are bounded by the following coordinates:
A.
34-58-00N 121-24-00W
34-54-00N 120-37-00W
34-51-00N 120-37-00W
34-45-00N 121-01-00W
34-45-00N 121-25-00W
B.
34-26-00N 124-52-00W
34-39-00N 124-54-00W
34-54-00N 122-10-00W
34-41-00N 122-08-00W
Mariners are advised to remain clear of these areas for the duration of operations. For more details or comments contact Glen Campbell at 805-606-8827.

Charts: 18700 18720 18740 LNM: 30/21

SOUTHERN CALIFORNIA-WILMINGTON WATERFRONT-MARINE CONSTRUCTION

Jilk Heavy Construction Co. will conduct marine construction at the Wilmington Waterfront in Wilmington, CA. Operations will be until 31 Aug 21 during daylight hours. A crane barge along with several work skiffs will be in the area and monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Joe Salgado at 310-505-0142 or George Bojarski at 504-430-0327.

Charts: 18749 18751 LNM: 24/21

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

None

PUBLICATION CORRECTIONS

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.

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

For any questions or comments; visit
nauticalcharts.noaa.gov/customer-service/assist/

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

LNM: 18/20

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

Delay_Report_11-2017.pdf
Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-MONTEREY BAY NATIONAL MARINE SANCTUARY

NATIONAL MARINE SANCTUARY.pdf
see link above.

LNM: 20/21

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

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

LNM: 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.

LNM: 22/20

SAN CLEMENTE ISLAND-SAFETY ZONES

San Clemente Safety Zone.pdf
See link above for Maritime Safety and Security Bulletin 001-19.

LNM: 49/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

PlatformLighting_GG_Bridge_21Jul21.pdf
GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 21 Jul 21.

LNM: 29/21

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

NOAA DISCONTINUE NOTICE FOR TIDE TABLE AND CURRENT TABLE

NOAA Discontinue Notice.pdf
See enclosure above.

LNM: 45/20

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

R-SR_Bridge_Temp_Platform_Lighting.pdf
RICHMOND-SAN RAFAEL BRIDGE- See link above for temporary underdeck platform lighting.

LNM: 15/21

ARIZONA-COLORADO RIVER-BRIDGE

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

LNM: 37/20

SOUTHERN CALIFORNIA- DANA POINT TO POINT ARGUELLO - VOLUNTARY SPEED REDUCTION

VSRMap2021_SC.pdf
See link above.

LNM: 15/21

SOUTHERN CALIFORNIA-SANTA BARBARA-DIVING OPERATIONS

Aqueos Corp Offshore Santa Barbara.pdf
See link above.

LNM: 30/21

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

VSRMap2021_SF.pdf.pdf
see link above.

LNM: 15/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

Rich-SR_Bridge_TemporaryPlatform.pdf
RICHMOND/SAN RAFAEL BRIDGE-See link above for temporary platform lighting and location in east and west navigation spans.

LNM: 22/21

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-OAKLAND INNER HARBOR-BRIDGE

MillerSweeney_barge_locations.pdf
MILLER SWEENEY (FRUITVALE AVE) BRIDGE-See link above for barge location.

LNM: 22/21

VESSEL CYBERSECURITY ALERT-LOS ANGELES-LONG BEACH

Vessel Cybersecurity Alert.pdf
See enclosure link above.

LNM: 07/21

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

TempPlatform_CorteMaderaCreek.pdf
U.S. 101 HIGHWAY BRIDGE-See link above for temporary platform location and lighting.

LNM: 18/21

SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-OCEANOGRAPHIC OPERATIONS

NOAA Oceanographic Operations.pdf
See link above.

LNM: 22/21

NORTHERN CALIFORNIA-SAN FRANCISCO-HAZARD TO NAVIGATION

Commercial FIshing Vessel Hazard.pdf
see link above.

LNM: 51/20

NORTHERN CALIFORNIA-SAN FRANCISCO-MARINE SAFETY INFORMATION BULLETIN

Sector San Francisco COPT SMIB.pdf
See link above.

LNM: 29/21

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.

LNM: 28/19

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

GEORGE.WILLIAM.JUSTIN.1285102371

Digitally signed by GEORGE.WILLIAM.JUSTIN.1285102371
Date: 2021.07.28 11:22:34 -07'00'

W. J. George, CDR
U.S. Coast Guard
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) Fax: (510) 437-5836 Email: Carl.T.Hausner@uscg.mil
Eleventh Coast Guard District
Coast Guard Island, Building 50-2
Alameda, CA 94501-5100
Attn: Bridge Office

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

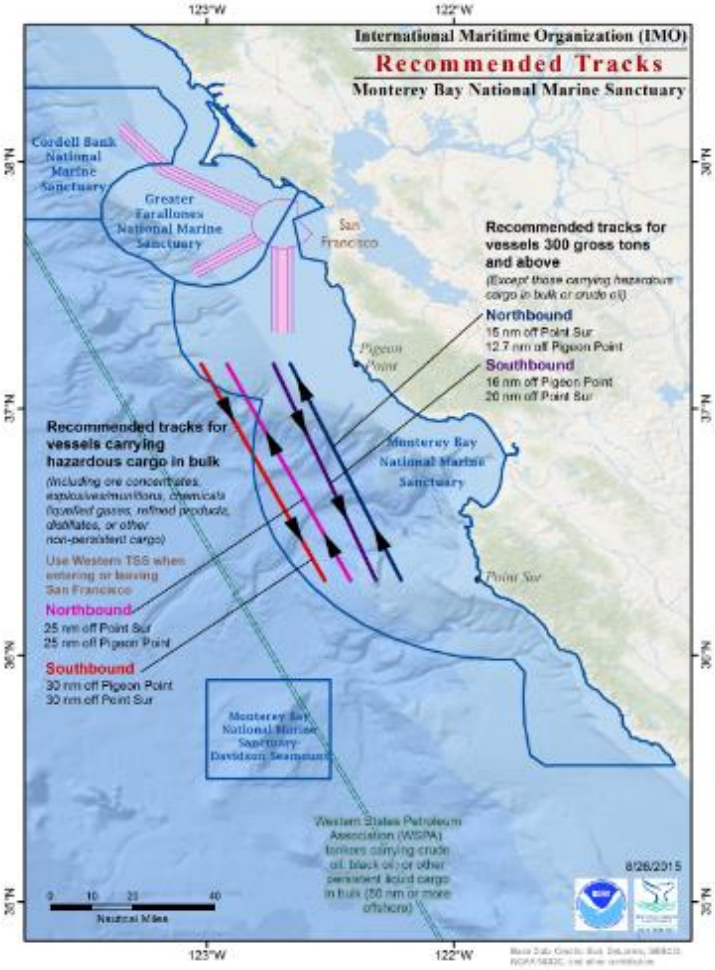
MARINE SAFETY/SECURITY INFORMATION BULLETIN (MSIB) 21-01

10 May 2021

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

IMO Recommended Tracks in Monterey Bay National Marine Sanctuary

US Coast Guard, NOAA and the International Maritime Organization (IMO) established Recommended Tracks in NOAA's Monterey Bay National Marine Sanctuary (MBNMS) in 2000 to enhance the safety and navigation of large vessels (over 300 gross tons) and oil tankers transiting through the sanctuary, as well as to protect sensitive marine environments. Use of the IMO Recommended Tracks will reduce the risk of a spill or collision in a national marine sanctuary and allow a rescue tug to respond should the ship have an emergency. It is recommended that laden tankers transit 50 miles offshore and use the western TSS when entering or leaving San Francisco.



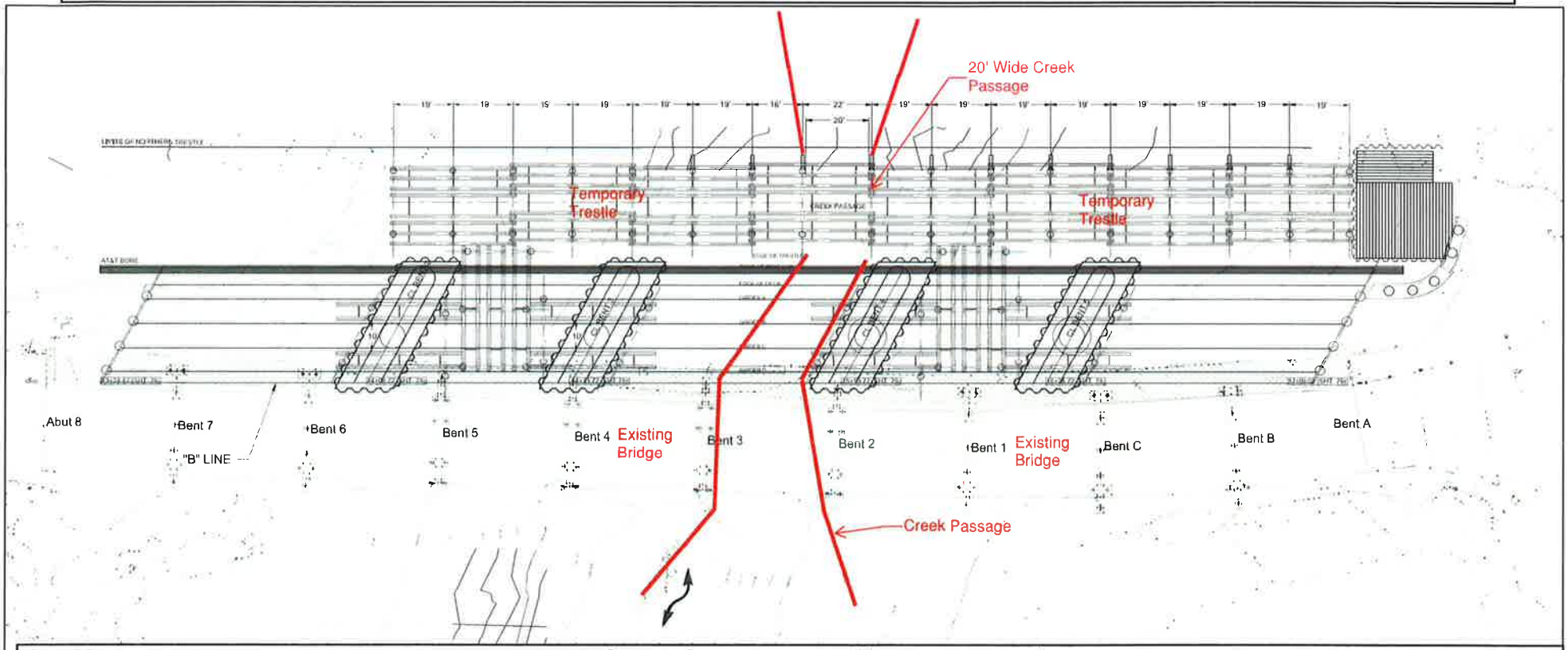
Exceptions may occur including avoidance of buoys, inclement weather and mechanical issues, yet without extenuating circumstances, USCG and NOAA anticipate oil tankers and cargo vessels are aware of and use the IMO Recommended Tracks.

If a vessel is not permitted to enter the Port of San Francisco (SF) for anchorage immediately, it's strongly encouraged vessels stay offshore and west of the IMO Recommended Tracks while waiting for entry into the SF Traffic Separation Scheme (TSS).

Compliance with the IMO Recommended Tracks and this Bulletin will reduce the risk of an incident or marine casualty occurrence in a sensitive marine environment. If you have any questions, please contact the Sector San Francisco Waterways Safety Branch Chief, LT Anthony Solares, at (415) 399-3585.

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

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

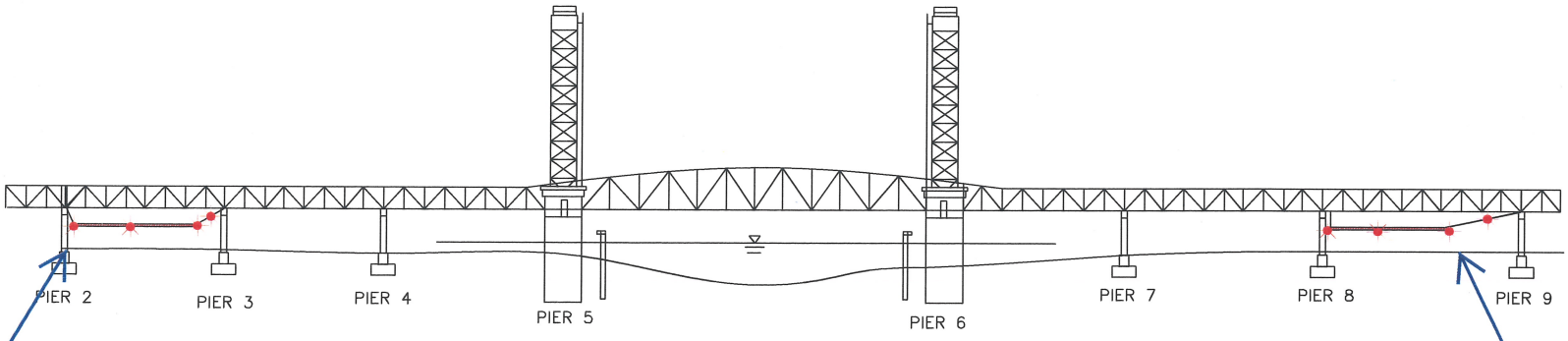


Cofferdams and a temporary trestle will be installed to facilitate construction of the replacement bridge. The temporary trestle will provide a center creek navigation channel with at least 20 feet of horizontal clearance and 3 feet of vertical clearance, from mean high water to the lowest hittable portion 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.

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans
BORDER LAST REVISED 7/27/2010
USERNAME => $USER
DGN FILE => $REQUEST
RELATIVE BORDER SCALE IS IN INCHES
UNIT
PROJECT NUMBER & PHASE
LAST REVISED
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

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.

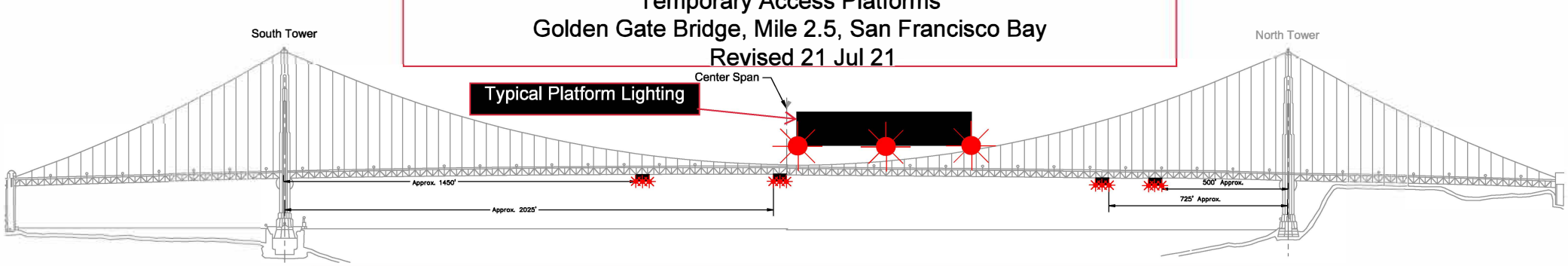
San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordinance training). Mariners conducting operations 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

Sincerely,

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 21 Jul 21



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.

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

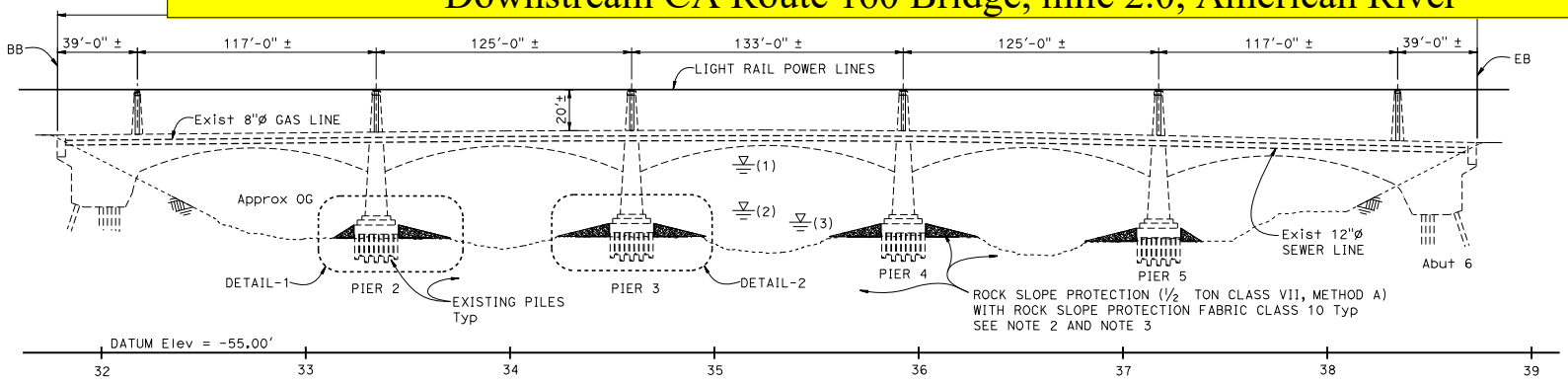
POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4.5/5.7, R44.5	174	175

6-15-19 DATE

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

6-17-19
PLANS APPROVAL DATE

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' ±

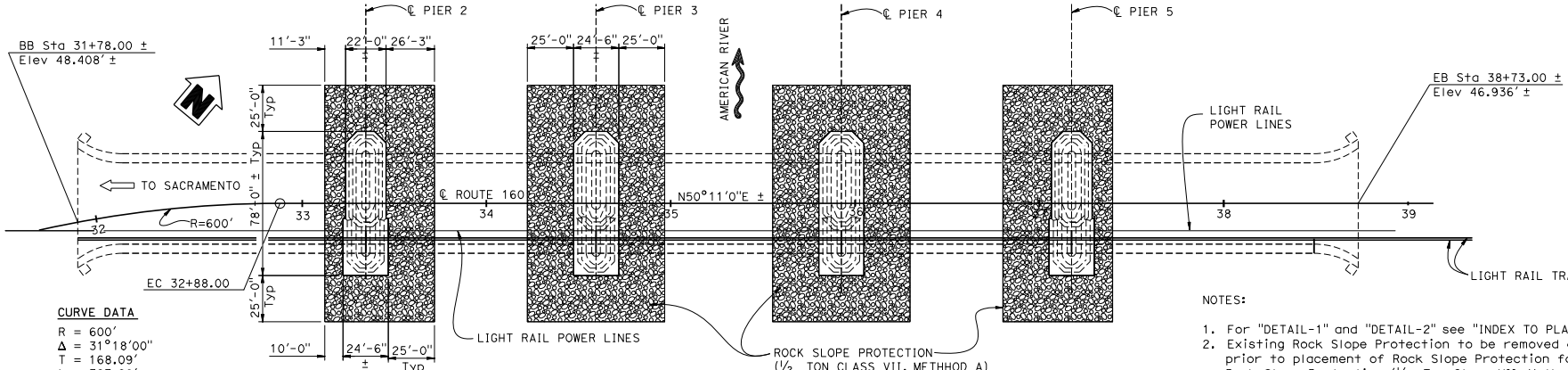
(3) Low water mark during Construction window July 15th through October 15th = 8.86' ±

----- Existing Structure

Half Ton Rock Slope Protection (½ Ton Class VII, Method A)

QUANTITIES

REMOVE ROCK SLOPE PROTECTION	LUMP	SUM
ROCK SLOPE PROTECTION (½ TON, CLASS VII, METHOD A) (CY)	4,000	CY
ROCK SLOPE PROTECTION FABRIC (CLASS 10)	2,468	SQYD



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

PLAN
1" = 30'

NOTES:

1. For "DETAIL-1" and "DETAIL-2" see "INDEX TO PLANS " sheet
2. 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 (½ Ton Class VII, Method A)
3. For Existing Rock Slope Protecting removal, see "EXISTING ROCK SLOPE PROTECTION REMOVAL" detail on "INDEX TO PLANS" sheet

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD

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

REGISTERED CIVIL ENGINEER — 6-15-19 DATE

6-17-19
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — 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.

INDEX TO PLANS

SHEET NO.	TITLES
1	GENERAL PLAN
2	INDEX TO PLANS

CRITERIA

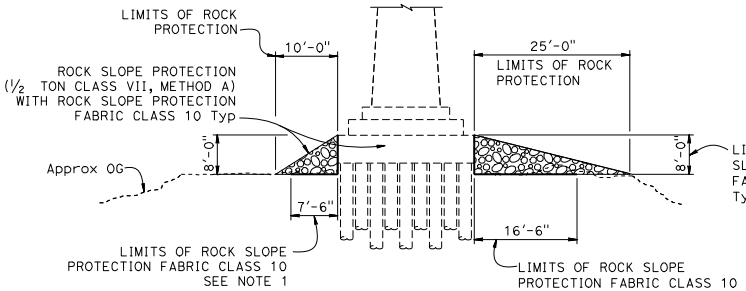
Design Based upon Final Hydraulics Report, Dated Nov 29, 2018

LEGEND:

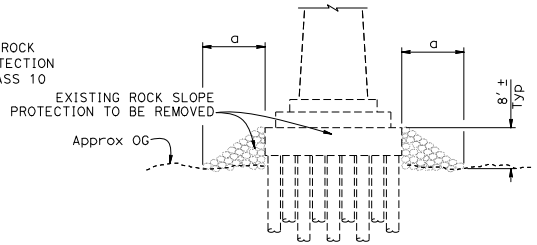
------ Existing Structure

Existing Rock Slope Protection to be removed

Rock Slope Protection (½ Ton Class VII, Method A)



DETAIL - 1
1" = 10'
ROCK SLOPE PROTECTION
(AT PIER 2, PIER 5 OPPOSITE)



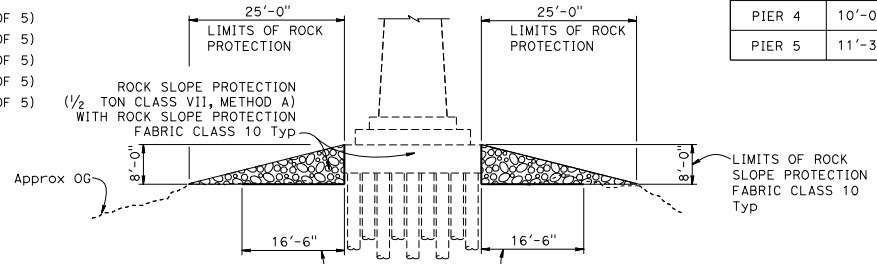
SECTION A-A
1" = 10'
Exist ROCK SLOPE PROTECTION
(TO BE REMOVED AT Exist PIERS)

NOTES:

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

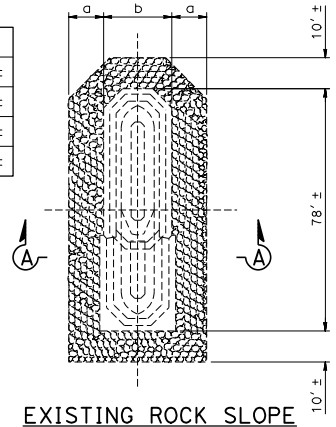
STANDARD PLANS 2018

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 POST MILE 44.47
DETAILS	BY Min Yu	CHECKED Randy Bains			
QUANTITIES	BY David Romero	CHECKED Randy Bains			

SCOUR MITIGATION AMERICAN RIVER BRIDGE
INDEX TO PLANS

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

DATE PLOTTED => 11-OCT-2019 TIME PLOTTED => 11:28
FILE => 24-0001I-a-ltp.dgn USERNAME => e148585
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3586
PROJECT NUMBER & PHASE: 0313000136,1 CONTRACT No.: 03-3F5404

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES			SHEET	OF
11-28-19	04-16-19	04-29-19	2	2

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
- NOAA Current Predictions: https://tidesandcurrents.noaa.gov/noaacurrents/Regions

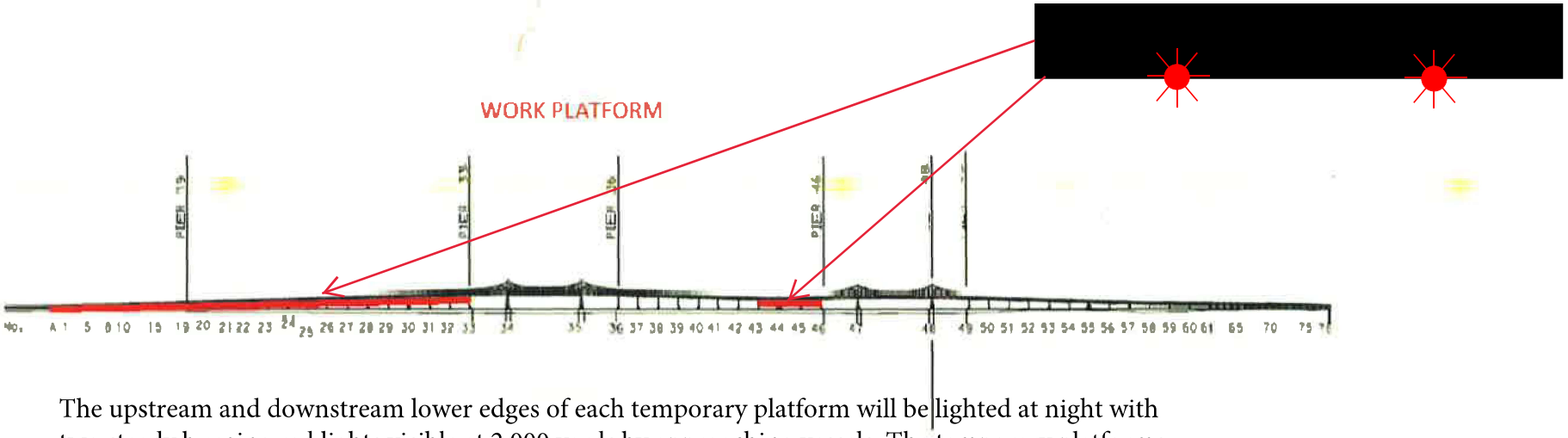
These online services provide predictions which equal or exceed the accuracy and availability of the predictions for domestic locations provided through printed publications, and provide additional capabilities allowing the predictions to better meet a variety of user needs. These online services provide 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
Phone: 301-713-2815

Issued: November 1, 2020

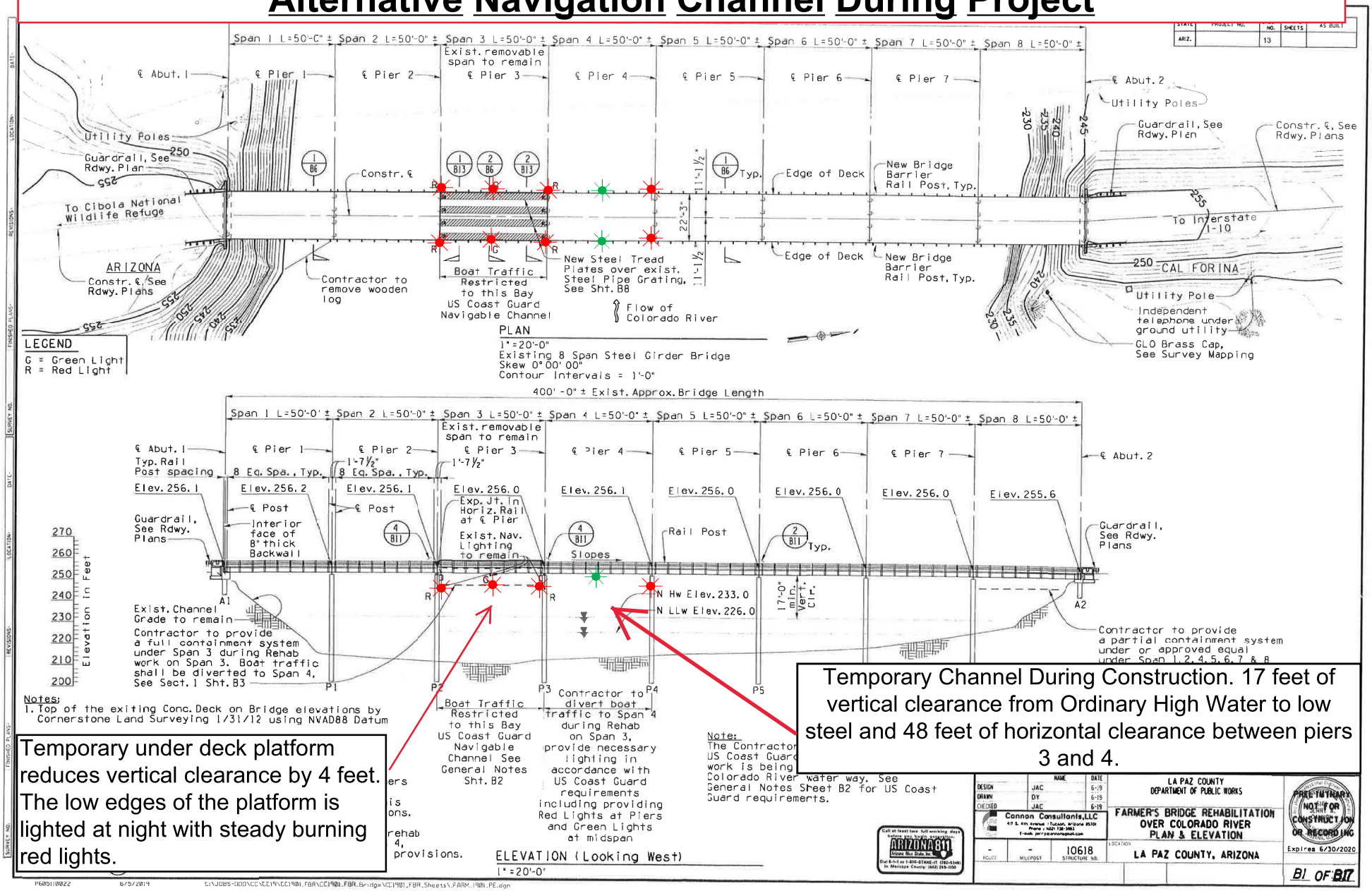
RICHMOND/SAN RAFAEL BRIDGE PAINTING PROJECT
MILE 13.0, SAN FRANCISCO BAY

TYPICAL PLATFORM LIGHTING



The upstream and downstream lower edges of each temporary platform will be lighted at night with two steady burning red lights visible at 2,000 yards by approaching vessels. The temporary platforms reduce vertical clearance in each span by 3ft.

Bridge Rehabilitation Project
Cibola Farmers Bridge, Mile 104.5, Colorado River
Alternative Navigation Channel During Project



Temporary under deck platform reduces vertical clearance by 4 feet. The low edges of the platform is lighted at night with steady burning red lights.

Temporary Channel During Construction. 17 feet of vertical clearance from Ordinary High Water to low steel and 48 feet of horizontal clearance between piers 3 and 4.

LA PAZ COUNTY DEPARTMENT OF PUBLIC WORKS
FARMER'S BRIDGE REHABILITATION OVER COLORADO RIVER PLAN & ELEVATION
LA PAZ COUNTY, ARIZONA
Cannon Consultants, LLC
PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
Expires 6/30/2020
B1 OF B17

VOLUNTARY VESSEL SPEED REDUCTION ZONE
TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

NOAA strongly recommends that vessels 300 gross registered tons or larger transit the Vessel Speed Reduction Zone at 10 knots or less from **May 15 – November 15, 2021.** These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.).

The southern California Voluntary Vessel Speed Reduction Zone extends from approximately Dana Point to Pt. Arguello as depicted below and vessels are requested to transit at 10 knots or less anywhere in this zone. Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the Voluntary Extended Area To Be Avoided * to reduce the overlap of ships and endangered whales. Every effort should be made to comply with any instruction received from the Navy when transiting south of the Channel Islands.

34° 34.43' N
121° 01.796' W

Pt. Arguello

Pt. Conception

Santa Barbara

34° 26.01' N
121° 01.796' W

Northern TSS

Pt. Dume

33° 49.411' N
121° 01.796' W

VOLUNTARY VESSEL SPEED REDUCTION ZONE
10 KNOTS OR LESS

Southern TSS

Dana Pt.

33° 18.066' N
121° 01.796' W

33° 18.066' N
117° 29.988' W

Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

For more details, please contact Sean Hastings at sean.hastings@noaa.gov or (805) 893-6424.

0 15 30 60 90 120 Miles

- NOAA Voluntary Vessel Speed Reduction Zone
- Voluntary Extended Area To Be Avoided (ATBA)
- Existing Areas To Be Avoided (ATBA)
- NOAA Channel Islands National Marine Sanctuary
- Traffic Separation Scheme (TSS)

***NOTE:** Mariners transiting through the western and northern approach to and from the Port Of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area and the Navy advises that continuous hazardous operations may take place at any time on the U.S. Point Mugu Sea Range.

July 22, 2021

United States Coast Guard
11th Division
Coast Guard Island
Alameda, CA 90802
Notice to Mariners

Email: **D11LNM@uscg.mil**
Reference: **ROV Live Boating & Survey Notice to Mariners**

Gentlemen:

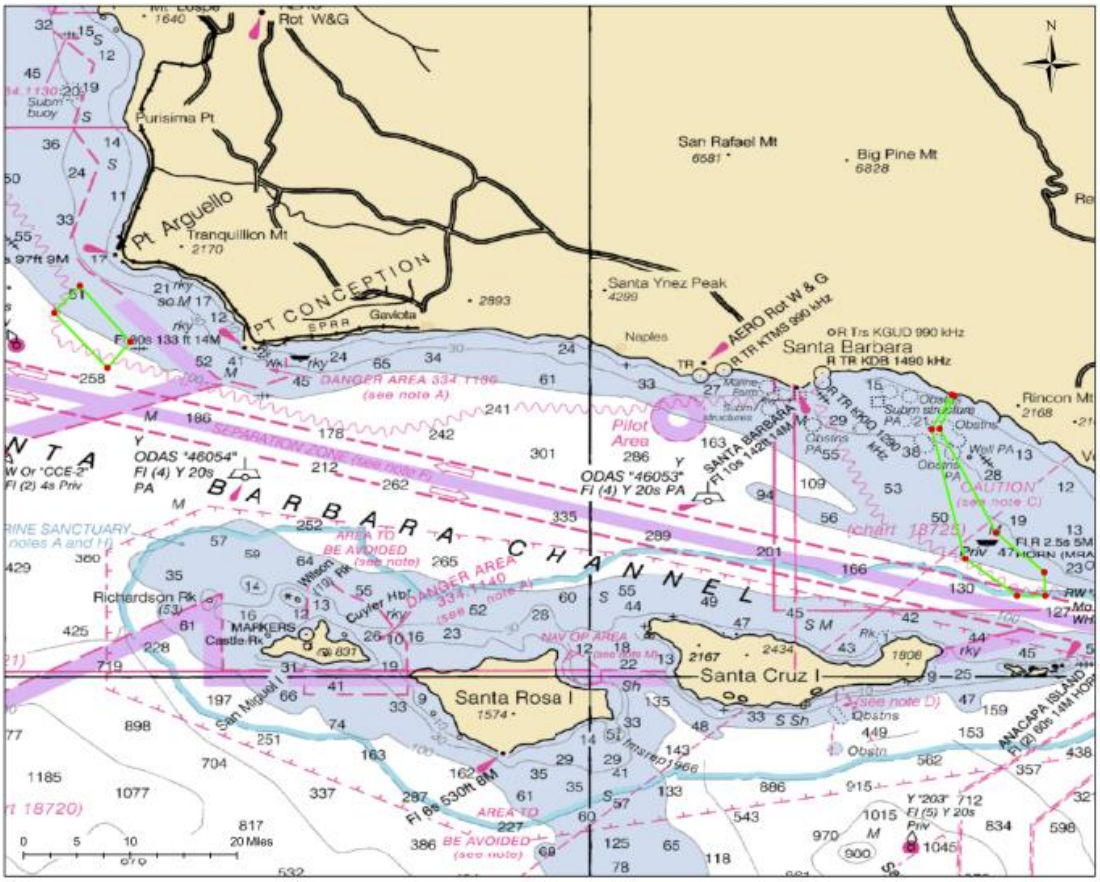
On or about August 1, 2021 the M/V Clean Ocean; official number 1077091; call sign WDE 7605; will be conducting underwater pipeline inspection work with an ROV and Survey work. The operations will include Live Boat ROV pipeline inspections. The Clean Ocean operations will be conducted on a 24 hour per day basis.

Start Date: On or about Aug 1, 2021 to Sept 15, 2021
Owner: Chevron
Duration of Project: Approximately 25 days

Location: Please see attached Map

The Clean Ocean will be monitoring channel 16 and Bridge phone (805) 218-3023 and SAT (254) 377-0446. The Clean Oceans general description is the following: 155' LOA; black hull with white superstructure; typical Supply boat configuration with deck-mounted crane.
We appreciate your assistance in this regard and should you have any questions please do not hesitate to contact the undersigned @ (805) 676-4330 or 805-205-3156.

Sincerely,
Aqueos Corporation
Jason Smith
Project Manager

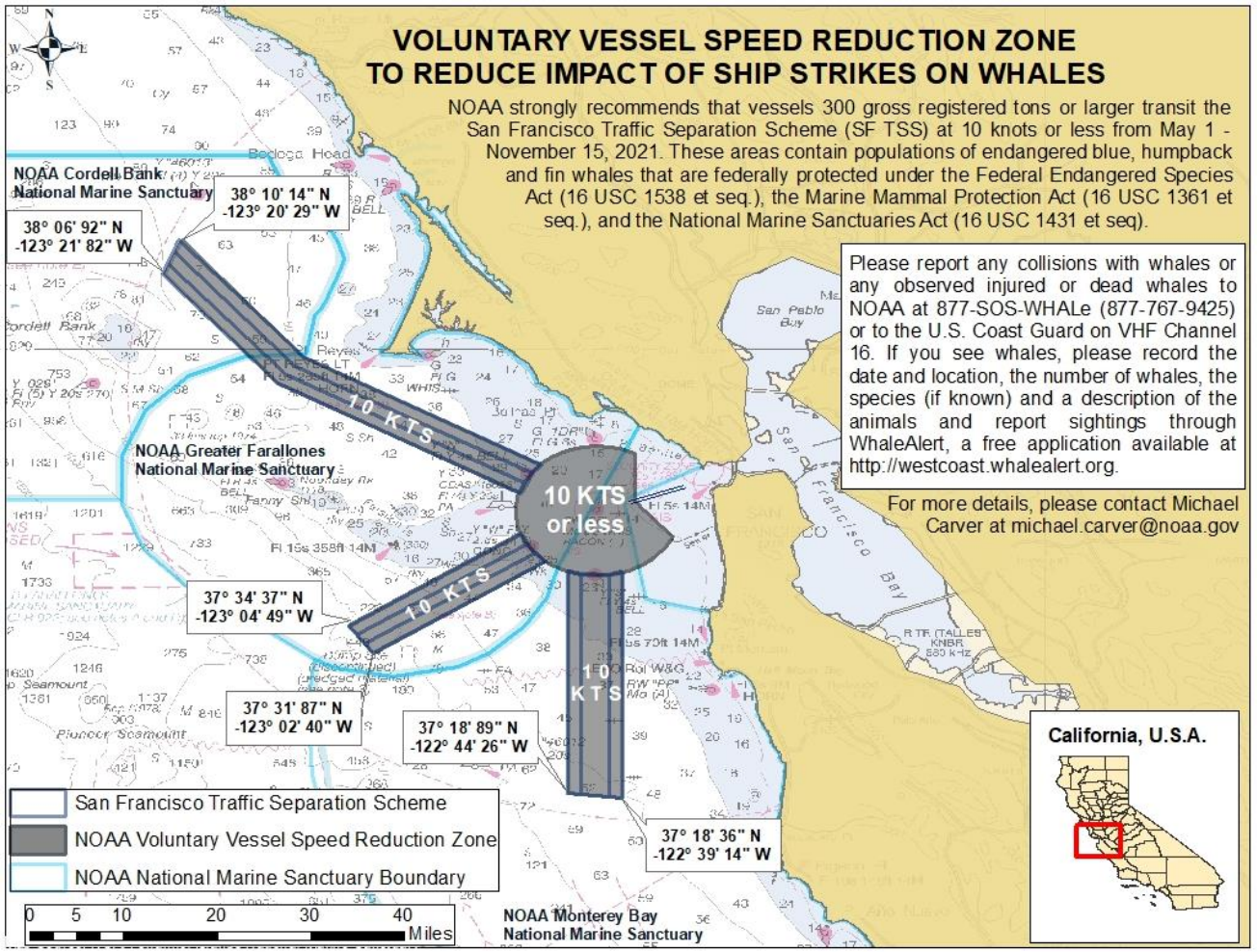


NOAA Nautical Chart 18720
with Proposed Survey Area

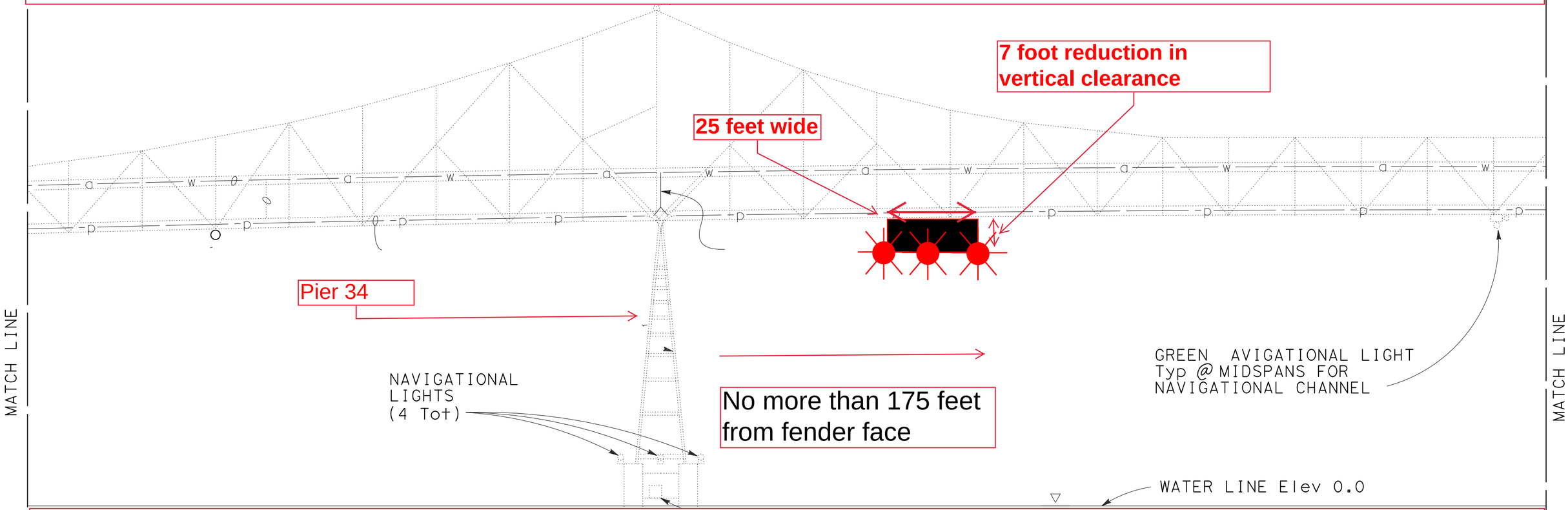
EATHYMETRIC AND GEOPHYSICAL SURVEY Notice

Santa Barbara Channel, CA

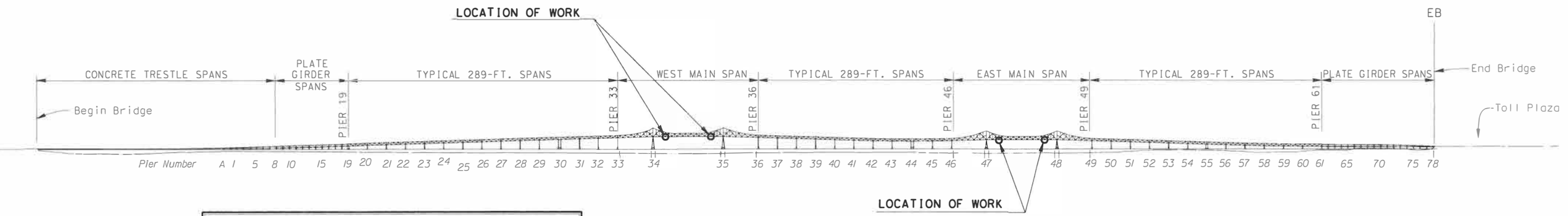
Point	Latitude	Longitude
1	34° 29' 43.93354560" N	120° 43' 41.18837160" W
2	34° 31' 55.49050920" N	120° 41' 36.89569320" W
3	34° 27' 22.70274840" N	120° 37' 30.23501160" W
4	34° 25' 15.36190320" N	120° 39' 21.93545160" W
5	34° 23' 04.18771680" N	119° 30' 30.38816160" W
6	34° 22' 59.18219760" N	119° 30' 19.05305760" W
7	34° 20' 18.28790520" N	119° 31' 29.58096360" W
8	34° 11' 51.09232560" N	119° 26' 53.62580400" W
9	34° 08' 31.61715000" N	119° 22' 59.24247240" W
10	34° 06' 36.91892160" N	119° 22' 54.25559040" W
11	34° 06' 36.91892160" N	119° 25' 12.22592160" W
12	34° 09' 38.10887640" N	119° 29' 24.89448120" W
13	34° 20' 16.16373600" N	119° 32' 07.58928840" W


VOLUNTARY VESSEL SPEED REDUCTION ZONE
TO REDUCE IMPACT OF SHIP STRIKES ON WHALES
NOAA strongly recommends that vessels 300 gross registered tons or larger transit the San Francisco Traffic Separation Scheme (SF TSS) at 10 knots or less from May 1 - November 15, 2021. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq).
Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.
For more details, please contact Michael Carver at michael.carver@noaa.gov
NOAA Cordell Bank National Marine Sanctuary
38° 10' 14" N
-123° 20' 29" W
38° 06' 92" N
-123° 21' 82" W
10 KTS
NOAA Greater Farallones National Marine Sanctuary
10 KTS or less
10 KTS
37° 34' 37" N
-123° 04' 49" W
10 KTS
37° 31' 87" N
-123° 02' 40" W
37° 18' 89" N
-122° 44' 26" W
37° 18' 36" N
-122° 39' 14" W
San Francisco Traffic Separation Scheme
NOAA Voluntary Vessel Speed Reduction Zone
NOAA National Marine Sanctuary Boundary
0 5 10 20 30 40 Miles
NOAA Monterey Bay National Marine Sanctuary
California, U.S.A.

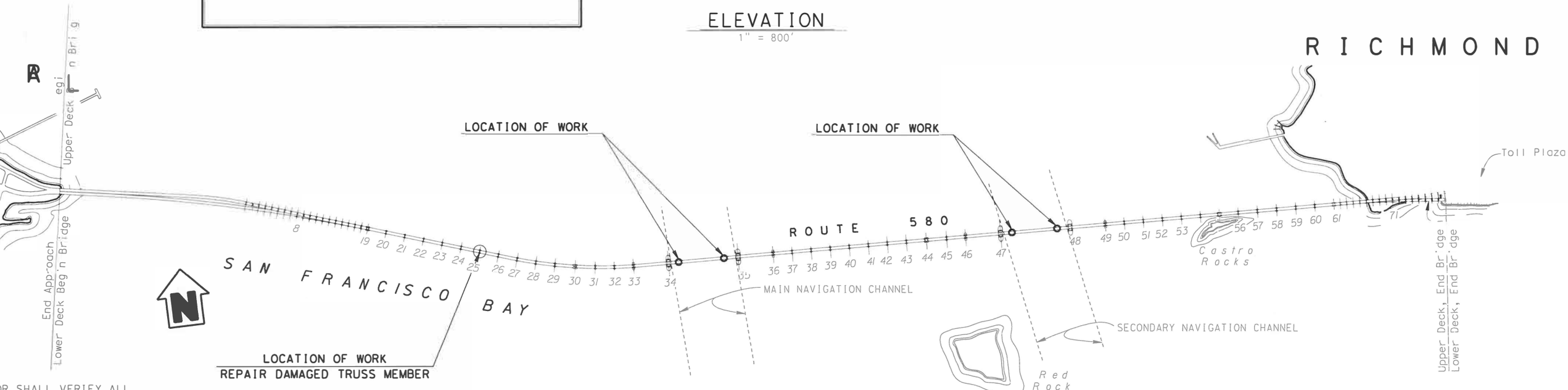
Typical Temporary Platform Location and Lighting
Richmond-San Rafael Bridge, Mile 13.0, San Francisco Bay



Four temporary platforms will be installed in the East and West navigation spans. The channel-ward edges of the platforms will be no more than 175 feet from the fender face at piers 34, 35, 47 and 48. The temporary platforms will reduce vertical clearance by no more than 7 feet. The east span will have 620 feet and the west span will have 650 feet of horizontal clearance for navigation. The upstream and downstream lower edges of the temporary platform will be lighted at night with fixed red lights visible at 2,000 yards by approaching vessels.



ELEVATION
1" = 800'



OR SHALL VERIFY ALL

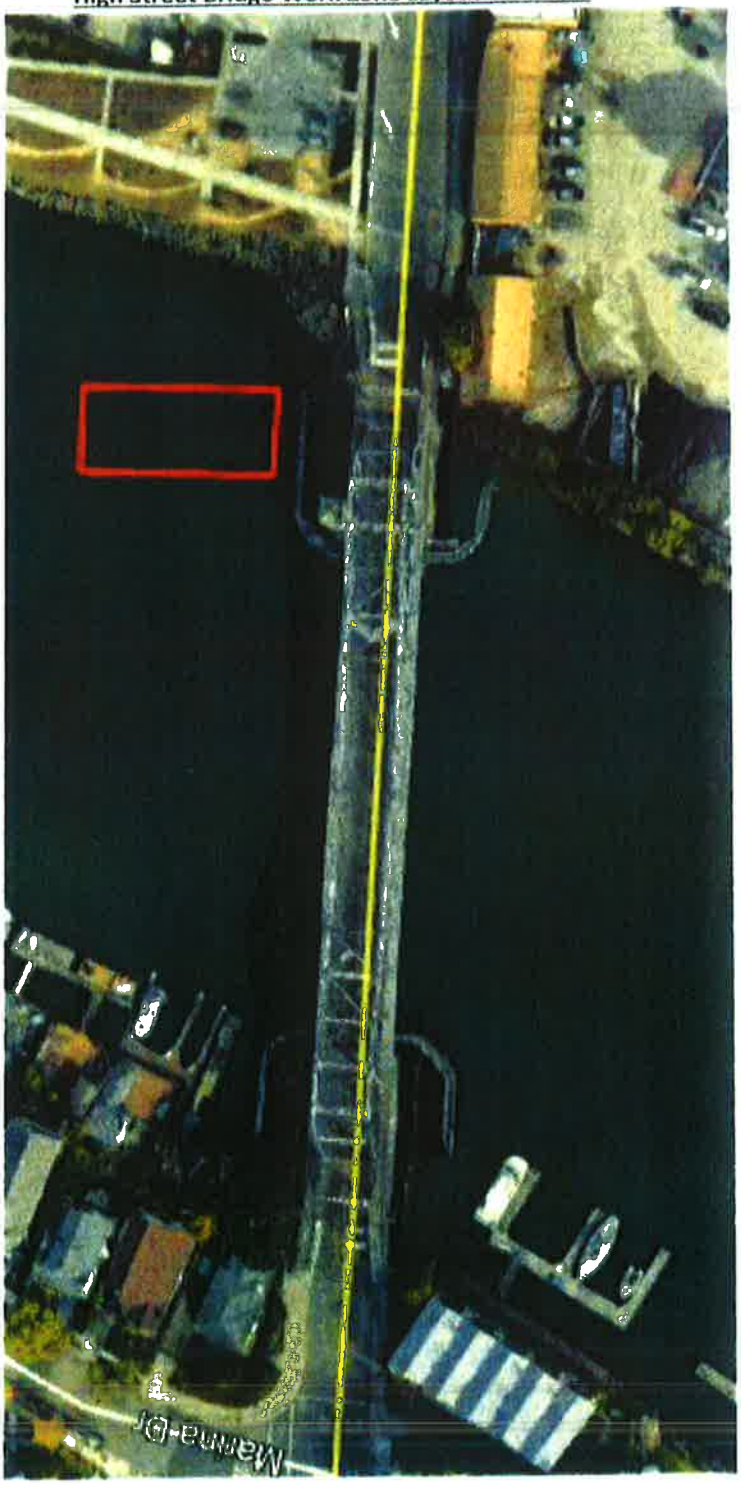
Map of Miller Sweeney Work Area & High Street Bridge Work Area

ENCLOSURE (1a)

Miller Sweeney Work Zones 50'x150' (Each) & Spud Down Layout 100' x 150'

ENCLOSURE (16)

High Street Bridge Work Zone Layout 50' x 150'



ENCLOSURE (1c)

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.

From: [redacted]@cosmonova.net>
To: master@[redacted].com
Cc:
Subject: Fwd:INITIAL REQUEST - M/V [redacted] / EMABARKATION OF CREW OR PASSENGER WITH COUNTRY OF INTEREST NATIONALITY
Message | 16911 LOGISTICS RATE CON.doc (166 KB)

Thank you for your business! Please see attached!

Thank You,

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.

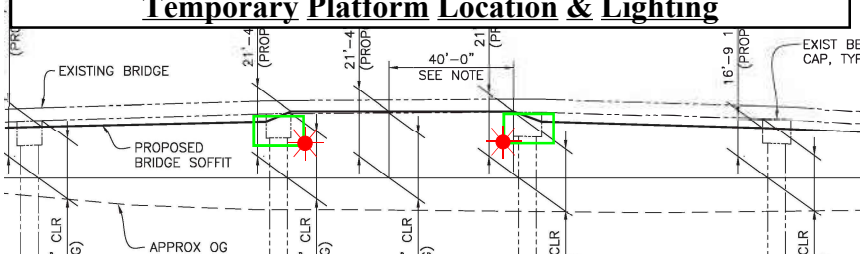
- The statement, "Until your response is received by this office, the M/V [redacted], is not clear to enter the port" which compels the recipient to click a link or open the attachment.

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."

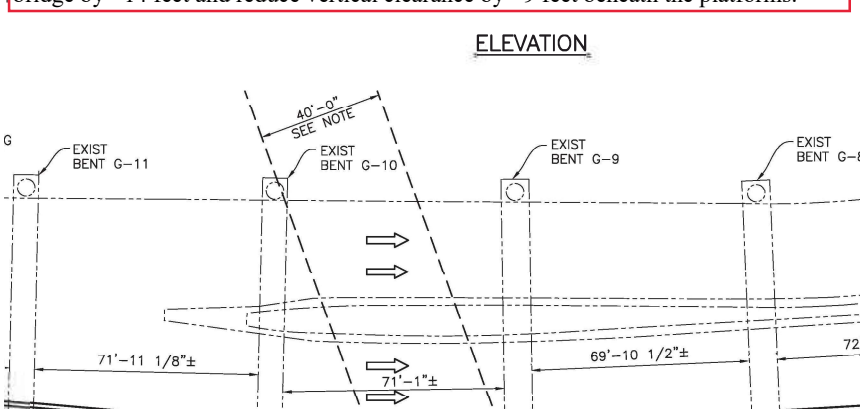
Pedestrian Bridge Add-On
U.S. 101 Bridge, mile 0.6, Corte Madera Creek

Temporary Platform Location & Lighting



The temporary platforms reduce horizontal clearance in main navigation span of the bridge by ~14 feet and reduce vertical clearance by ~9 feet beneath the platforms.

ELEVATION



The upstream and downstream lower outboard corners of the temporary platforms in the navigation are lighted at night with fixed red lights, visible at 2,000 yards from approaching vessels.

OCEANOGRAPHIC OPERATIONS
NOAA SHIP RONALD H. BROWN

	Operation	Position	Start	Finish
1	CTD, overboard operations	32° 36.029' N, 117° 37.865' W	131145JUN21	131345JUN21
2	CTD, overboard operations	32° 34.059' N, 118° 6.950' W	131600JUN21	131900JUN21
3	CTD, overboard operations	32° 32.866' N, 118° 24.796' W	132030JUN21	132330JUN21
4	Acoustic communications	32° 18.28' N, 119° 2.07' W	140230JUN21	140600JUN21
5	Deployment of subsurface mooring	32° 18.02' N, 119° 1.77' W	140700JUN21	141000JUN21
6	CTD, overboard operations	32° 58.673' N, 120° 56.324' W	142000JUN21	142300JUN21
7	Recovery of surface mooring	33° 28.34' N, 122° 31.72' W	150630JUN21	151100JUN21
8	Deployment of surface mooring	33° 27.45' N, 122° 31.40' W	151300JUN21	151900JUN21
9	CTD, overboard operations	33° 27.45' N, 122° 31.40' W	152000JUN21	152300JUN21
10	CTD, overboard operations	33° 27.45' N, 122° 31.40' W	160000JUN21	160400JUN21
11	Recovery of surface mooring	33° 29.43' N, 122° 30.68' W	160700JUN21	161900JUN21
12	CTD, overboard operations	34° 18.60' N, 120° 48.88' W	170345JUN21	170500JUN21
13	Deployment surface mooring	34° 18.39' N, 120° 48.24' W	170700JUN21	171100JUN21
14	Recovery of surface mooring	34° 18.60' N, 120° 48.88' W	171200JUN21	171700JUN21
15	CTD, overboard operations	34° 18.39' N, 120° 48.24' W	171700JUN21	171900JUN21
16	CTD, overboard operations	34° 18.39' N, 120° 48.24' W	172000JUN21	172200JUN21
17	CTD, overboard operations	34° 21.960' N, 121° 4.980' W	172330JUN21	180130JUN21
18	Recovery of subsurface mooring	33° 18.80' N, 120° 49.24' W	180600JUN21	181700JUN21
19	Recovery of subsurface mooring	36° 43.44' N, 121° 2.46' W	190700JUN21	190900JUN21
20	Deployment of subsurface mooring	36° 43.44' N, 121° 2.46' W	190900JUN21	191000JUN21

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

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

MARINE SAFETY/SECURITY INFORMATION BULLETIN (MSIB) 21-02

July 16, 2021

Coast Guard Sector San Francisco
Department of Homeland Security

Ballast Water Management Exemption for Discharging Ballast Water in a Single Caption of the Port Zone

This MSIB serves as a reminder that vessels operating within the Sector San Francisco Captain of the Port (COTP) Zone are required to use their ballast water management systems in accordance with the Code of Federal Regulations (CFR), Part 33, Subpart D Ballast Water Management for Control of Nonindigenous Species in Waters of the United States.

33 CFR 151.2015 paragraph (d)(3) allows for the following vessels to be exempt from the ballast water management requirements in 33 CFR 151.2025:

> Vessels that operate in more than a single COTP Zone and take on and discharge ballast water exclusively in a single COTP Zone.

The above exemption is allowed as it is unlikely that vessels exclusively taking on and discharging ballast water within one COTP Zone would introduce invasive species (from outside of that COTP Zone) into the waters of that COTP Zone.

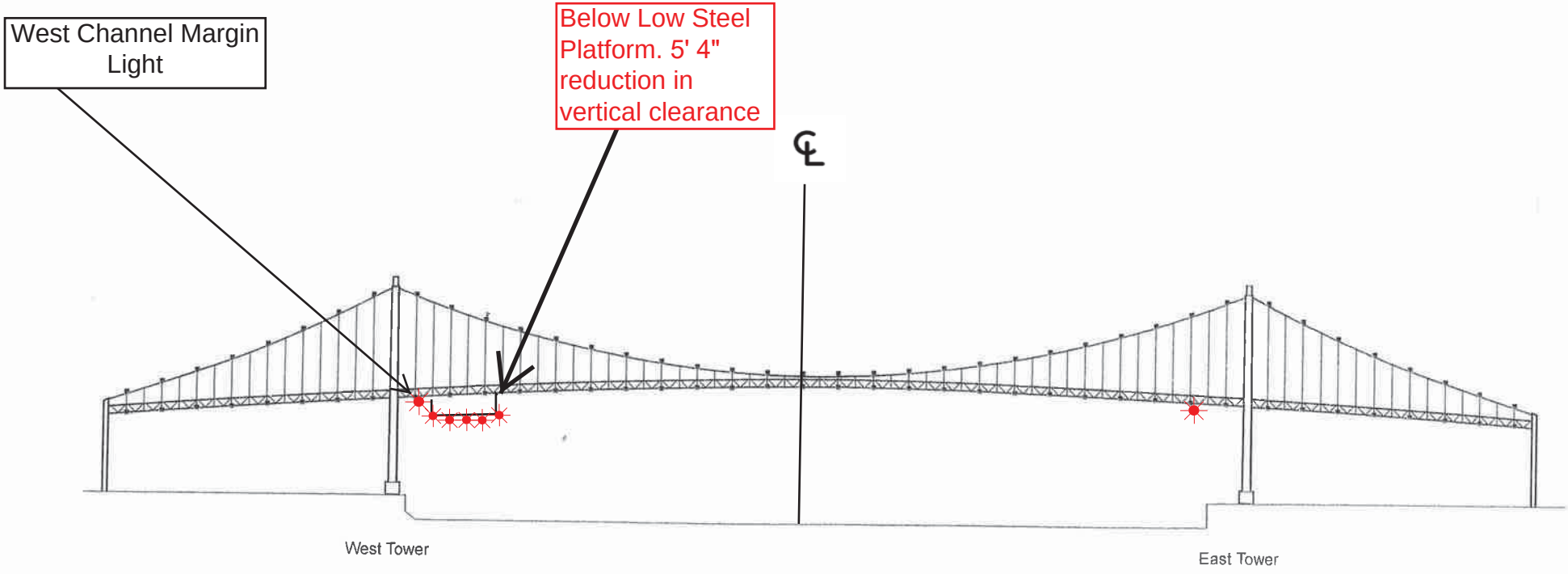
Vessels must use a ballast water treatment system or conduct ballast water operations outside of the Sector San Francisco COTP Zone unless the vessel exclusively takes on and discharges ballast water within Sector San Francisco's COTP Zone. If a vessel takes on ballast water at any time outside of the San Francisco COTP Zone, then the vessel is no longer eligible for this exemption until it has cleaned the vessel's ballast water system, including removal of all residual sediments.

For additional information regarding this bulletin, please contact the U.S. Coast Guard Sector San Francisco Investigations Division at SectorSF.Investigations@uscg.mil or (510) 813-9636.

Sincerely,

TAYLOR Q. LAM
Captain, U.S. Coast Guard
Captain of the Port, San Francisco

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



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.