



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

**LOCAL NOTICE TO MARINERS**

**District: 11**

**Week: 36/22**

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-0009-22, SF-0074-22, LA-0087-22, and SD-0067-22 have been incorporated in this notice, or will continue if still significant.

**ABBREVIATIONS**

**A through H**

ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
Al - Alternating  
B - Buoy  
BKW - Breakwater  
bl - Blast  
BNM - Broadcast Notice to Mariner  
bu - Blue  
C - Canadian  
CHAN - Channel  
CGD - Coast Guard District  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DAYMK/Daymk - Daymark  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
Fl - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

**I through O**

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LTR - Letter  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MHz - Megahertz  
MISS/MSNG - Missing  
Mo - Morse Code  
MRASS - Marine Radio Activated Sound Signal  
MSLD - Misleading  
N/C - Not Charted  
NGA - National Geospatial-Intelligence Agency  
NO/NUM - Number  
NOS - National Ocean Service  
NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

**P through Z**

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
RRASS - Remote Radio Activated Sound Signal  
s - seconds  
SEC - Section  
SHL - Shoaling  
si - silent  
SIG - Signal  
SND - Sound  
SPM - Single Point Mooring Buoy  
SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
USACE - Army Corps of Engineers  
W - White  
Y - Yellow

**Additional Abbreviations Specific to this LNM Edition: None**

**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](mailto: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.

**\*\*\*\* Cancellation of NOAA Paper and Raster Nautical Charts \*\*\*\***

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

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

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

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

LNM: 35/22

**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.

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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.

#### **HAZARDOUS WEATHER OUTLOOK EXTENDED TO THE EASTERN PACIFIC OCEAN**

In coordination with the National Weather Service (NWS) and the National Hurricane Center (NHC), the US Coast Guard is pleased to announce the addition of a new Hazardous Weather Outlook (HWO) service that covers the Eastern Pacific Ocean, including the Pacific Coast of the Continental United States (CONUS). This service is available to all those who could benefit from advanced warning of hazardous weather in both coastal regions and open waters. As with the currently available Western Atlantic Hazardous Weather Outlook, Seven Day HWO's will be released every Wednesday with additional Situational HWO's issued as conditions require. The service will begin on April 6th of this year, however you can sign up in advance at any time.

In the recent past several maritime tragedies and "near misses" in the coastal waters of the United States have occurred due to hazardous weather, such as the sinking of the SS El Faro in 2015. Based on recommendations by the National Transportation Safety Board (NTSB), in cooperation with the NWS and the United States Coast Guard developing improved methods of delivering Marine Safety Information remain a top priority.

The NWS Ocean Prediction Center (OPC) and the NHC's Tropical and Analysis Forecast Branch (TAFB) will be providing weekly and situational reports to the USCG, who will then be making this information available to the public. Through the free online subscription service, GovDelivery, which currently offers subscribers a wide array of Marine Safety Information such as Broadcast Notice to Mariners (BNMs) and Local Notice to Mariners (LNMs) provided through USCG NAVCEN, users will be able to register to receive Hazardous Weather Outlook reports giving forewarning of major weather events.

For subscribing to Eastern Pacific Hazardous Weather Outlook reports by E-mail:  
<[https://public.govdelivery.com/accounts/USDHSCG/subscriber/new?topic\\_id=USDHSCG\\_506](https://public.govdelivery.com/accounts/USDHSCG/subscriber/new?topic_id=USDHSCG_506)>

For subscribing to Eastern Pacific Hazardous Weather Outlook reports by RSS Feed:  
<[https://public.govdelivery.com/topics/USDHSCG\\_506/feed.rss](https://public.govdelivery.com/topics/USDHSCG_506/feed.rss)>

LNM: 12/22

#### **NAVIGATION CENTER WEBSITE TRANSITION**

The U.S. Coast Guard Navigation Center is going to transition the Navigation Center website to a new, enhanced version in the first quarter of 2022. As part of this transition, URLs will be updated across the site including URLs linked to PDFs. Therefore, once the transition is complete, legacy site URLs will no longer function, including bookmarked URLs and URLs used in automatic downloading of data and/or products. Outdated URLs will automatically redirect to the home page of the site, and from there you will be able to easily navigate to your preferred page.

Below are a few of the "old"/new URL pairs listed for your convenience. Please note that the new URLs will not be active until we launch the new website. Of course, once it is launched, the new URLs will be available for re-bookmarking. As a reminder, these are top level URLs that may contain additional links that you use.

This notice will be updated when the final launch date is determined and another notice will be issued to notify you when the site goes live. Questions/concerns may be directed to the NAVCENWebTEAM@uscg.mil.

Local Notices to Mariners (LNMs)  
Current URLs: <https://www.navcen.uscg.gov/?pageName=InmMain>  
Replacement: <https://www.navcen.uscg.gov/local-notice-to-mariners-by-cg-district>

Light Lists Annual Publication  
Current URLs: <https://navcen.uscg.gov/?pageName=lightLists>  
Replacement: <https://www.navcen.uscg.gov/light-list-annual-publication>

Light List - Weekly  
Current URLs: <https://navcen.uscg.gov/?pageName=lightListWeeklyUpdates>  
Replacement: <https://www.navcen.uscg.gov/weekly-light-lists>

Light List - Corrections  
Current URLs: <https://navcen.uscg.gov/?pageName=lightListCorrections>  
Replacement: <https://www.navcen.uscg.gov/light-list-summary-of-corrections>

LNM: 06/22

#### **NORTHERN CALIFORNIA-OFFSHORE-COMMERCIAL SALMON FISHERIES**

NMFS has taken inseason actions in the commercial salmon fishery North of Cape Falcon.

Effective August 26, 2022. The Coho quota for the commercial salmon troll fishery North of Cape Falcon is 9,700 non-mark-selective Coho. Effective August 26, 2022. The Coho salmon landing and possession limit for the commercial salmon troll fishery in the area North of Cape Falcon is 150 no-mark-selective per vessel per week (Thursday-Wednesday). Weekly landing and possession limit for chinook remains 10 chinook per vessel per week.

Effective August 27, 2022. The Coho quota for the recreational salmon troll fishery from Queets River to Leadbetter Point, Westport Subarea, is 14,000 non-mark-selective Coho.

Effective August 27, 2022. The daily limit for the recreational salmon troll fishery from Queets River to Leadbetter Point, Westport Subarea, is 2 salmon per day. Chinook retention prohibited.

Charts: 18580 18600 18620 18640

LNM: 35/22

#### **NORTHERN CALIFORNIA-SAN FRANCISCO - VOLUNTARY VESSEL SPEED REDUCTION**

NOAA, U.S. Coast Guard and the Environmental Protection Agency request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10 knots or less when transiting the San Francisco Traffic Separation Scheme (SF TSS) and within Greater Farallones and Cordell Bank National Marine Sanctuaries from May 1 to December 15, 2022 to protect endangered blue, humpback and fin whales; see enclosure NOAA VSR 2022.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 Whale Alert, a free application available at <http://westcoast.whalealert.org/>.

Charts: 18600 18620 18640 18680

LNM: 18/22

#### **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](mailto:Miranda.E.Brumbaugh@uscg.mil).

Charts: 18007 18010 18020 18022 18640 18645 18649 18680

LNM: 16/19

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

The Department of Water Resources have placed an emergency barrier in the West False River until December, 2022. The barrier 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 18661 18663

LNM: 16/22

#### **SOUTHERN CALIFORNIA-DANA POINT TO POINT ARGUELLO-VOLUNTARY VESSEL SPEED REDUCTION**

NOAA, U.S. Coast Guard and the Environmental Protection Agency request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10 knots or less when transiting in the Vessel Speed Reduction from Dana Point to Pt. Arguello from May 1 to December 15, 2022 to protect endangered whales; see enclosure NOAA VSR 2022.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 Whale Alert, a free application available at <http://westcoast.whalealert.org/>.

Charts: 18720 18740

LNM: 18/22

#### **SOUTHERN CALIFORNIA-SAN DIEGO BAY-MINIMIZE WAKE**

The Navy Port Operations Manager requests that vessels slow to 7 kts when a vessel is moored in restricted area (33 CFR 334.865) located on the northeast side of North Island at 32-42-57N 117-11-22W, between San Diego Channel Lighted Buoy 20 (LLNR 1710) and San Diego Channel Lighted Buoy 22 (LLNR 1830). For more details or comments contact LT Rodriguez at 619-545-3232, [Rigoberto.rodriguez3@navy.mil](mailto:Rigoberto.rodriguez3@navy.mil).

Chart 18773

LNM: 10/22

#### **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](mailto: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](mailto: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

## 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
125	Long Beach Light	LT EXT	18751	LA-0148-20	49/20	
345	San Francisco South Traffic Lane Lighted Bell Buoy S	MISSING	18645	SF-0042-21	09/21	
360	San Francisco Approach Lighted Whistle Buoy SF	RAC INOP	18649	SF-0040-22	17/22	
365	Mile Rocks Light	LT EXT	18649	SF-0071-22	34/22	
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	
2810	Anaheim Bay Channel Buoy 7	OFF STA	18749	LA-0062-22	30/22	
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	
3132	Terminal Island Channel Lighted Buoy 1	STRUCT DMGD	18751	LA-0027-22	16/22	
3970	Monterey Harbor Light 6	REDUCED INT	18685	SF-0165-21	51/21	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0064-20	27/20	
4155	Colorado Reef Lighted Buoy 26	OFF STA	18645	SF-0163-21	51/21	
4245	Mile Rocks Light	LT EXT	18649	SF-0071-22	34/22	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
4430	Pier B North Buoy	MISSING	18650	SF-0153-21	48/21	
4680	Oakland Inner Harbor Light 10	MISSING/TRLB	18650	SF-0052-21	02/22	
4684	Oakland Inner Harbor Turn Basin Light B	STRUCT DMGD/TRLB	18650	SF-0097-21	29/21	
4740	San Leandro Bay Airport Channel Daybeacon 6	STRUCT DEST/TRUB	18650	SF-0033-22	15/22	
6095	Mare Island Strait Light 2	STRUCT DMGD/TRLB	18655	SF-0152-20	49/20	
6310	Suisun Bay Channel Buoy 3	OFF STA	18657	SF-0116-21	36/21	
6433	Point Edith Crossing Range Front Light	STRUCT DEST/TRLB	18658	SF-0067-22	32/22	
6505	Suisun Bay Channel Lighted Buoy 17	OFF STA	18658	SF-0128-21	02/22	
6685	San Joaquin River Light 8	LT EXT/TRLB	18656	SF-0109-21	02/22	
6855	San Joaquin River Light 46	STRUCT DEST/TRLB	18661	SF-0057-22	28/22	
7210	Sacramento River Deep Water Ship Channel Light 10	MISSING/TRLB	18656	SF-0101-21	32/21	
7235	Sacramento River Deep Water Ship Channel Light 15	MISSING/TRLB	18661	SF-0100-20	35/20	
7240	Sacramento River Deep Water Ship Channel Light 16	STRUCT DEST/TRLB	18661	SF-0127-18	34/18	
7260	Sacramento River Deep Water Ship Channel Light 20	MISSING/TRLB	18661	SF-0108-21	33/21	

### DISCREPANCIES (FEDERAL AIDS) CORRECTED

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

### 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
505	Scripps Waverider Lighted Research Buoy 168	LT EXT	18620	HB-0003-22	14/22
1665	Americas Cup Harbor Daybeacon 2	STRUCT DEST	18773	SD-0001-22	02/22
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	SD-0100-18	50/18
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17
2090	Coronado Cays Channel Light 7	STRUCT DEST/TRUB	18773	SD-0046-22	31/22
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
2764.4	Catalina Sea Ranch SE Buoy	MISSING	18746	LA-0001-22	03/22
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
3400	El Segundo NRG Energy Buoy 6ES	SINKING	18744	LA-0153-21	39/21
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
4826.2	Bay Farm Island Light 4	LT EXT	18650	SF-0136-21	44/21
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 EXT	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			39/18
6624	New York Slough Koch East Light	LT EXT			39/18
6645.5	Delta Diablo Outfall Lighted Buoy	LT EXT		SF-0005-22	02/22
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
1720	Navy San Diego Bay Mooring Buoy 19	WATCHING PROPERLY	18773		33/21	37/22

#### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
<b>None</b>					

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

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

**TEMPORARY CHANGES**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
280	Point Sur Light	Reduced Intensity	18680	SF-0105-20	35/20	

**TEMPORARY CHANGES CORRECTED**

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

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION IV - CHART CORRECTIONS**

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01	074-02-48.001W
Corrective Action	Green can	Object of Corrective Action			Position	

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

**18643**      **18th Ed.**      **01-DEC-09**      **Last LNM: 21/12**      **NAD 83**      **36/22**

Chart Title: **Bodega and Tomales Bays; Bodega Harbor**

Main Panel **1817 BODEGA AND TOMALES BAYS. Page/Side: N/A**

LAST EDITION    No new editions of chart 18643 will be published. It will be canceled on 05-Oct-22. 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>.

NOS  
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**18645**      **28th Ed.**      **01-MAY-13**      **Last LNM: 09/21**      **NAD 83**      **36/22**

Chart Title: **Gulf of the Farallones; Southeast Farallon**

Main Panel **1819 GULF OF THE FARALLONES. Page/Side: N/A**

LAST EDITION    No new editions of chart 18645 will be published. It will be canceled on

NOS  
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05-Oct-22. 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>.

**18651**      **45th Ed.**      **01-DEC-13**      **Last LNM: 28/19**      **NAD 83**      **36/22**

*ChartTitle: San Francisco Bay-southern part;Redwood Creek.;Oyster Point*

**Main Panel 1826 SAN FRANCISCO BAY SOUTHERN PART. Page/Side: N/A**

LAST EDITION No new editions of chart 18651 will be published. It will be canceled on 05-Oct-22. 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>.

NOS  
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**18657**      **19th Ed.**      **01-NOV-05**      **Last LNM: 30/19**      **NAD 83**      **36/22**

*ChartTitle: Carquinez Strait*

**Main Panel 1850 CARQUINEZ STRAIT. Page/Side: N/A**

LAST EDITION No new editions of chart 18657 will be published. It will be canceled on 05-Oct-22. 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>.

NOS  
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**18721**      **12th Ed.**      **01-DEC-09**      **Last LNM: 28/20**      **NAD 83**      **36/22**

*ChartTitle: Santa Cruz Island to Purisima Point*

**Main Panel 1881 SANTA CRUZ ISLAND TO PURISIMA POINT. Page/Side: N/A**

LAST EDITION No new editions of chart 18721 will be published. It will be canceled on 05-Oct-22. 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>.

NOS  
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**18749**      **44th Ed.**      **01-OCT-15**      **Last LNM: 21/09**      **NAD 83**      **36/22**

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

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

ADD	Huntington Harbour Channel Buoy 10 Red Fl R 3s	at 33-43-49.620N	118-04-58.500W
ADD	Huntington Harbour Channel Buoy 11 Green Fl G 3s	at 33-43-42.000N	118-04-46.680W
ADD	Huntington Harbour Channel Buoy 12 Red Fl R 3s	at 33-43-47.400N	118-04-58.740W
ADD	Huntington Harbour Channel Buoy 2 Red Fl R 3s	at 33-43-53.880N	118-05-02.820W
ADD	Huntington Harbour Channel Buoy 4 Red Fl R 3s	at 33-43-53.760N	118-05-01.200W
ADD	Huntington Harbour Channel Buoy 5 Green Fl G 3s	at 33-43-53.580N	118-04-55.500W
ADD	Huntington Harbour Channel Buoy 6 Red Fl R 3s	at 33-43-53.160N	118-04-59.640W
ADD	Huntington Harbour Channel Buoy 7 Green Fl G 3s	at 33-43-49.620N	118-04-54.300W
ADD	Huntington Harbour Channel Buoy 8 Red	at 33-43-51.240N	118-04-58.380W



FI R 3s

ADD Huntington Harbour Channel Buoy 9 at 33-43-45.240N 118-04-52.800W  
Green  
FI G 3s

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

ADD Huntington Harbour Channel Buoy 3 at 33-43-56.100N 118-04-58.800W  
Green  
FI G 3s

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**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.

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**SUMMARY OF ADVANCED APPROVED PROJECTS**

<b><u>Approved Project(s)</u></b>	<b><u>Project Date</u></b>	<b><u>Ref. LNM</u></b>
None		

**Advance Notice(s)**  
None

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**SECTION VI - PROPOSED CHANGES**

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

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**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

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

**Proposed Change Notice(s)**

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

TOWER DRAWBRIDGE- Caltrans is proposing to secure the drawspan in the closed-to-navigation position from 4am to 6pm on 23 October, 2022, due to the Ironman California triathlon. The Coast Guard is requesting comments from waterway users on this proposed temporary operating schedule change. Please provide comments to the Coast Guard Bridge Office at Chris.G.Cerles@uscg.mil or by telephone at 510-437-3461 by COB on 29 September, 2022.

LNM: 35/22

**NORTHERN CALIFORNIA-MONTEREY-MONTEREY HARBOR LIGHT 6**

The U.S. Coast Guard is proposing to permanently discontinue the sound signal on Monterey Harbor Light 6 (LLNR 3970). The current aid is in the approximate position: 36-36-30N 121-53-22W. Direct any questions comments or feedback no later than 07 October, 2022 to LT Miranda Brumbaugh at 510-437-2983 or Miranda.E.Brumbaugh@uscg.mil.

Charts: 18680 18685

LNM: 28/22

**SOUTHERN CALIFORNIA-MORRO BAY-SOUND SIGNAL**

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on Morro Bay West Breakwater Light (LLNR 240). This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone six times at the designated frequency for the AtoN (83A). Please direct questions, comments, or concerns no later than September, 2022 to LT Miranda Brumbaugh at 510-437-2983 or Miranda.E.Brumbaugh@uscg.mil.

Charts: 18700 18703

LNM: 25/22

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**SECTION VII - GENERAL**

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

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**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

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#### **ARIZONA/NEVADA-COLORADO RIVER-BRIDGE**

NEW LAUGHLIN-BULLHEAD CITY BRIDGE-In-water work continues on construction of the new bridge in position 35-03-17N 114-36-45W. Work will take place Monday through Friday, 0630 to 1430, through 03 Oct 23. A cofferdam has been installed on the Arizona side of the river to facilitate construction of Arizona side piers and abutment. Once completed the cofferdam will be removed and installed on the Nevada side of the river which will facilitate the construction of the Nevada side piers and abutment. When in place the cofferdams will be lighted at night with four red lights, visible at 2,000 yards by approaching vessels (see Cofferdam-Lighting\_Laughlin-BH.pdf at the end of this notice). Precast girders will be installed once construction of the respective abutments and piers are complete. Precast girders will be install over the middle of the river at the late stages of construction. Approximately 70 feet of horizontal clearance will be provided in the center of the river during construction. For further information contact the Coast Guard Bridge Office at 510-437-3515.

LNM: 50/21

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

Prop and Wheel will be sponsoring the marine event Halletts in Havasu on 14 October, 2022 from 7:00am to 2:00pm. The event will involve approximately 25 vessels on a course starting south of the main island and proceeding north to Pirates Cove. Mariners are requested to transit the area with caution. For details or comments contact Michael Grimes at 818-321-5765.

LNM: 33/22

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

The Freestyle Personal Watercraft (PWC) Association will be sponsoring the Fall Round – U.S. Freestyle Championship event on 14-16 October, 2022 from 8:00am to 7:00pm. The event will involve PWCs racing on a closed course in the Bridgewater Channel, south of London Bridge. Mariners are advised to exercise caution when transiting near the event area. For more details or comments contact Vaclav Zacek at 928-412-2976.

LNM: 33/22

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

The Campbell Boat Owners Association will be sponsoring the Campbell Boat Owners 50th Annual Regatta on 24 September, 2022 from 6:00am to 5:00pm. The event will involve approximately 60 vessels meeting in Thompson Bay and proceeding north to London Bridge Beach. Mariners are requested to transit the area with caution. For further details or comments contact Bob Steele at 805-415-1858.

LNM: 33/22

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

Seebold Sports Inc. will be sponsoring the Lake Havasu Classic Outboard Championship on 14-16 October, 2022 from 6:00am to 8:00pm each day. The event will involve approximately 60 vessels racing on a closed course in Thompson Bay. Mariners are advised to exercise caution when transiting near the event area. For more details or comments contact Tim Seebold at 573-216-1817.

LNM: 33/22

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT-AZ**

The Hydro Turf Jet Jam Racing Series consisting of 100 personal watercraft participating in a closed course race will be held on Lake Havasu in the vicinity of the Crazy Horse Campgrounds from 6 am to 6 pm on Friday, September 16, 2022 through Sunday, September 18, 2022. Mariners are advised to exercise due caution while transiting the area. For more information or comments, contact Monte Hughes at 360-349-1341.

LNM: 36/22

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

Personal Watercraft Racing LLC will be sponsoring the Full Throttle WaterX personal watercraft (PWC) race on 09-11 September, 2022 from 10:00am until 5:00pm each day in Lake Havasu, AZ. The event will consist of approximately 80 participants racing PWCs on a closed course near Havasu Landing Resort and Casino. Mariners are requested to transit the area with caution. For more details or comments contact Deegan Newton at 562-756-6268.

LNM: 32/22

#### **NORTHERN CALIFORNIA – POINT ORIENT-WHARF DEMOLITION**

Power Engineering Construction Co. will be performing demolition operations from until 30 November, 2023 in the vicinity of Point Orient, Richmond. Work is being conducted Monday through Thursday 6:00am to 4:00pm in the vicinity of the Point Orient Wharf at 37-57-22N 122-25-43W. Operations will be conducted with derrick barges DB ALAMEDA, DB CHALLENGER, and various flat barges. The barges will be either spudded down or anchored using a four-point mooring system with buoys. All vessels and equipment on site will be monitoring VHF-FM Chan. 67 and 68. Mariners are advised to use caution when transiting the area. For more details or comments contact Bennett Clegg at (415) 559-0089.

Chart 18654

LNM: 16/22

#### **NORTHERN CALIFORNIA – STANISLAUS RIVER – HORIZONTAL DIRECTIONAL DRILLING CONSTRUCTION OPERATIONS**

City of Oakdale will be conducting horizontal directional drilling operations below the Stanislaus River through 30 September 2022. Construction equipment will be staged on land above the adjacent shoreline, with drilling crossing approximately 35 to 40 feet below the riverbed. The operations will occur at 37-46-17N 120-51-50W in the City of Oakdale. Mariners are requested to transit the area with caution. For more details or comments contact Cody Bridgewater at 209-505-4050 or Jennifer Pratt at 209-556-7938.

Chart 18022

LNM: 28/22

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

CAPITAL CITY HWY (Route 51) BRIDGE-Caltrans is conducting rehabilitation of the bridge through 27 June, 2025. Work will be conducted during daylight hours, 7am to 5:30pm, Monday through Friday, and will include the use of barges, work boats, tugboats, turbidity curtains, and access piers. (See AmRiv\_SiltCurtain\_BargeLocation.pdf in the enclosure section.). During the workday, barges can be moved for the safety of navigation with one hour notice to the contractor via VHF-FM CH 16 or by cell at 916-532-8208. Mariners should contact the contractor before transiting the bridge to determine location of turbidity curtains. Barges will be unmanned and moored at their work locations overnight. Each corner of each barge will be lighted at night with steady burning red lights. At least 25 feet of horizontal clearance for navigation will be available at all times. Mariners are requested to transit the area with caution. For further information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18662

LNM: 23/22

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

DISAPPOINTMENT SLOUGH BRIDGE-The southwest red pier light is extinguished. For further information contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18661

LNM: 35/22

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

BNSF RAIL BRIDGE-The upriver and downriver bascule span lights are flashing, showing improper characteristics. Estimated time of repair unknown. For further information contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18661

LNM: 36/22

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

AVAILABILITY OF PUBLIC NOTICE- An application has been received by the Commander, Eleventh Coast Guard District from the California Department of Transportation for a U.S. Coast Guard Bridge Permit. The permit is for the replacement of the Miner Slough draw bridge with a fixed bridge. The bridge is located on Highway 84, over Miner Slough at mile 5.5 at the northerly end of Ryer Island, near Rio Vista, Solano County, California. The proposed replacement bridge will have a vertical clearance of 18 feet above mean high water and a horizontal clearance of 85 feet. These are an increase from current clearances, when the existing bridge is in the closed-to-navigation position, over this section of the waterway at or near this mile.

Public Notice (11-158), dated August 11, 2022, contains a detailed description of the proposed project including maps and bridge drawings with navigational clearances. Interested parties may access the notice at the following website: <https://go.usa.gov/xJ8yw>. The public notice may also be obtained by calling the Coast Guard District Bridge Office at (510) 437-3516, by writing to; Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg. 50-2, Alameda, CA 94501-5100, or by email request at D11-SG-M-DPW-Bridge@uscg.mil.

Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to the environment and navigation. Comments will be received for the record at the address given in Public Notice (11-158) through September 12, 2022. Comments of an environmental nature will be forwarded to the lead Federal agency for action.

Chart 18662

LNM: 35/22

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

BNSF RAILROAD BRIDGE- BNSFs' contractor is replacing the fenders at piers 2 and 3. Work will take place Monday through Friday, 6am to 6:30pm, through 30 September, 2022. One 60' X 80' flexi float barge and one 35' X 110' material barge will be spudded down at the piers (See BNSF\_OldRiver\_Barge\_Lighting.pdf in the enclosure section). During work hours the barges will be in the main navigation span of the bridge and can be moved for the safety of navigation with one hour advanced notice to the contractor at 209-391-5461. After working hours the unmanned barges will be moved behind the wingwall of the pier protection out of the navigation span. Mariners are requested to transit the area with caution. For conditions at the bridge mariners can contact the contractor at 209-391-5461. For further information contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18661

LNM: 31/22

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

CA ROUTE 4 BRIDGE-Caltrans will be conducting in-water work, which will include dive operations, for the installation of a new submarine cable. Initial investigative work will be conducted 12 to 13 September, 2022 from 7 am to 3:30 pm. Divers will be in the water working from a 9' X 26' dive vessel. The installation of the submarine cable will take place 03-27 October, 2022 from 7 am to 3:30 pm. It will be conducted from a barge. Turbidity curtains will be deployed at various locations during the cable installation. Mariners should contact the bridge at 209-465-0935 or the dive boat at 209-419-3142 or 925-765-5936 or on VHF-FM Ch 16 at least 30 minutes prior to transiting the bridge for conditions at the bridge and to allow the retrieval of diver and clearing of the channel. Mariners are urged to transit the area with caution. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661

LNM: 36/22

**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. Repairs to the fender system are anticipated to begin near the end of September, 2022. 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: 35/22

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

REPLACEMENT BUTTE CITY BRIDGE-Construction has started on the project to replace the existing bridge. Work will take place Monday through Friday during daylight hours through 30 September, 2024. Installation of a temporary trestle has begun. Once trestle is in place, falsework will be installed. A temporary navigation span during construction will be just west of the existing bridge's pivot pier, 435 feet west of new bridge abutment, and is lighting at night with a green center channel light on the upriver and downriver portion of the trestle. Red lights will mark low steel of the remaining spans of the trestle. A buoy line will be installed, pending Coast Guard approval, to guide vessels through the bridge construction area (see ButteConstructionLighting-BuoyLine.pdf enclosure at the end of this notice). The temporary navigation span will provide at least 32 feet of horizontal clearance and 14 feet of vertical clearance from ordinary high water to low steel of the temporary trestle. For further information contact the Coast Guard Bridge Office at 510-437-3461.

LNM: 36/22

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

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 7am-9am and 4pm-5:30pm on 01 October, 2022, to allow community participation in the Sacramento Century Challenge bike event. The bridge provides 30' vertical clearance above mean high water when closed. Vessels that can transit the bridge in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18662

LNM: 35/22

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

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 12 noon to 12 midnight on 11 September, 2022, to

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

allow community participation in the Farm to Fork Festival. The bridge provides 30' vertical clearance above mean high water when closed. Vessels that can transit the bridge in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18662

LNM: 32/22

**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**

CROWS LANDING ROAD BRIDGE-Replacement of the bridge is ongoing. Work is being conducted Monday through Friday 0600 to 1600 through 01 Sep 23. A temporary bridge, with a removable span, will be installed to facilitate construction. With the span removed, the temporary bridge will provide, at a minimum, 15 feet of horizontal clearance. The span will be removed after normal working hours. Temporary falsework will be installed to facilitate construction. The temporary falsework's navigation span will provide 16 feet of vertical clearance at Ordinary High Water when the temporary bridge's removable span is removed. Upriver and downriver red channel margin lights and green center channel lights will mark the temporary navigation span at night. To view the temporary navigation span and lighting, see the TemporaryBridge\_FalseworkLighting.pdf enclosure at the end of this notice. 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: 36/22

**NORTHERN CALIFORNIA-GOLF OF THE FARALLONES -BUOY DEPLOYMENT**

Sofar Ocean Technologies will be deploying a buoy in Gulf of the Farallones at 37-45-00N 122-50-18W until 28 February, 2023. A 19 foot C-Dory (CF3571SX) will deploy a yellow buoy FI Y 2.5s to test an oceanographic buoy system. The C-Dory will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Colin Browser at 206-972-7830.

Charts: 18640 18645

LNM: 35/22

**NORTHERN CALIFORNIA-HALF MOON BAY-SUNKEN VESSEL**

The Coast Guard received a report of a sunken towing vessel in the Pillar Point Harbor at position 37-29-42N 122-29-35W. The T/V CALEB is 94' long, with approximately 3/4 of the vessel visible above the waterline. The vessel is situated on the western side of the harbor with yellow boom surrounding it. Mariners are advised to exercise due caution while transiting in the area. For more details or comments contact LT William Harris at 415-399-7443 or SFWaterways@uscg.mil.

Chart 18645

LNM: 23/22

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

Sofar Ocean Technologies will be deploying a buoy in Monterey Bay National Marine Sanctuary at 37-30-00N 122-31-57W. The buoy will be deployed until 06 January, 2023, will be yellow in color and have the flash characteristics of FI Y 2.5s. A 19 foot C-Dory will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Ciara Dorsay at 941-961-8543.

Charts: 18680 18685

LNM: 27/22

**NORTHERN CALIFORNIA-MONTEREY BAY-DIVING OPERATIONS**

Power Engineering Construction Co. will be conducting diving operations until 31 October, 2022. Work is being conducted Monday through Friday 6:00am to 5:00pm in the vicinity of the Monterey Bay Aquarium at 36-37-14N 121-53-58W. The M/V WEBSTER will be on site monitoring VHF-FM Chan. 68. Mariners are advised to use caution when transiting the area. For more details or comments contact Allen Deaver, diving superintendent 510-932-7752.

Chart 18685

LNM: 16/22

**NORTHERN CALIFORNIA-MONTEREY BAY-SUBSURFACE MOORING DEPLOYMENT**

The Monterey Bay Aquarium Research Institute (MBARI) will deploy 02 subsurface oceanographic instrument moorings in Monterey, CA until 15 November, 2022 at 36-48-25N 122-06-11W and 36-47-38N 122-06-25W. Each mooring will have a subsurface float 33 feet above the seafloor. Mariners are requested to transit the area with caution. For more details or comments contact John Ryan at 831-775-1978.

Chart 18685

LNM: 32/22

**NORTHERN CALIFORNIA-MONTEREY-BUOY DEPLOYMENT**

The Navy Post Graduate School, Oceanography department and the University of Miami has deployed buoys until 31 October, 2022 at the following coordinates:

- 36-56-54N 122-04-44W
- 36-56-57N 122-04-57W
- 36-56-40N 122-04-57W
- 36-56-51N 122-02-36W
- 36-56-39N 122-02-37W
- 36-57-22N 122-01-12W
- 36-57-17N 122-00-54W
- 36-56-20N 122-00-37W
- 36-57-02N 122-00-32W
- 36-57-26N 122-00-36W
- 36-56-15N 122-04-56W
- 36-55-55N 122-02-09W
- 36-55-23N 122-00-23W

**NORTHERN CALIFORNIA-MONTEREY-BUOY DEPLOYMENT**

36-55-20N 122-00-26W  
 36-54-37N 121-57-54W  
 36-49-25N 121-55-03W  
 36-48-46N 121-49-35W  
 36-51-21N 122-02-44W

During the deploying and recovery of the buoys a research vessel will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments, contact Jamie MacMahan at 831-588-8727.

Chart 18685

LNM: 27/22

**NORTHERN CALIFORNIA-MOSS LANDING-WAVEGLIDER DATA COLLECTION**

Monterey Bay Aquarium Research Institute (MBARI) is conducting 24 hours per day 7 days a week autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 31 December, 2022. Vehicles will be deployed in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-14N and 37-12-00N and will extend shoreward as far West as 122-58-35W. Operations consist of scientific ocean data collection. The Waveglider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from MBARI, moving at speeds of 1kt, and designed to give way or part if encountered by a vessel. It is approximately 8' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 3' above the water surface, supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700, waveglider@listserv.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Charts: 18680 18685

LNM: 51/21

**NORTHERN CALIFORNIA-NAPA RIVER-LIGHT OBSTRUCTION**

There are 02 identified obstructions located in the Napa River. A fallen tree that extends into the channel is at 38-10-12N 122-9-36W. Additionally, there is a collection of debris stuck in the mud directly in front of light 30 (LLNR 6207). Mariners are requested to transit the area with caution and consider these obstructions during inbound and outbound transits.

Chart 18654

LNM: 30/22

**NORTHERN CALIFORNIA-NEW YORK SLOUGH-MARINE CONSTRUCTION**

CS Marine Constructors, Inc. will be conducting pile driving & marine construction operations at the former Gaylord Paper Facility 38-00-58N 121-46-31W located at New York Slough in Antioch, CA during daylight hours until 31 Dec 22. Operations will be conducted with derrick barges DB CARQUINEZ, DB MARE ISLAND and DB STEADFAST along with various flat barges. The barges will be either spudded down or anchored using a four-point mooring system marked with 5ft crown buoys. The buoys will be lighted at night with flashing white strobes. All vessels and equipment will be monitoring VHF-FM CHAN 8, 13 and 14. Mariners are request to transit the area with caution. For more details or comments contact Jeff Thompson at (510)719-1246.

Chart 18661

LNM: 42/21

**NORTHERN CALIFORNIA-OAKLAND HARBOR-CONSTRUCTION**

Manson Construction Co. is conducting dredge operations in the Oakland inner and outer channels at 122-21-44W 37-48-04N to 122-18-49W 37-49-13N and 122-21-44W 37-48-04N to 122-16-55W 37-47-36N until 31 Dec, 2022. Operations will be conducted 24hrs a day, 7 days a week. Dredge NJORD will be assisted by barges ROCKPORT, GULFPORT, SEAPORT, EASTPORT, FREEPORT, NORTHPORT, T/B's PETER M, JEFFERY M, WESTAR, and survey boat WAHOO. All vessels will be monitoring VHF-FM Chan. 13 and 16. Dredged materials will be disposed of within disposal site SF-11 and upland site at Cullinan Ranch. Mariners are requested to transit the area with caution. For more details or comments contact Eric McMann at 510-232-6319.

Chart 18680

LNM: 30/22

**NORTHERN CALIFORNIA-OAKLAND HARBOR-DREDGE OPERATIONS**

The Dutra Group will be conducting dredge operations until 30 November, 2022 at the Port of Oakland, 24 hours a day, 7 days a week at Berths 22-26, 30, 32-35, 37, 55-59 and 60-63. Clamshell dredge DB 24, tow tug Killeen, along with tug PHYLIS T or BECKY T will be monitoring VHF-FM Chan. 13, 14, and 80. All dredged materials will be disposed of at SF-DODS or Montezuma sites. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Charts: 18649 18650

LNM: 32/22

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

FRUITVALE AVE RAILROAD BRIDGE-The lift span of the railroad bridge is kept in the partially opened position providing 80 feet of vertical clearance at mean high water. When the lift span of the railroad bridge is in the partially open position and the bascule span of the adjacent highway bridge is in the closed position, the lift span will show two red 180-degree center span lights on the upstream and downstream lower edge of the span. When the bascule span of the highway bridge is in the fully opened position, the lift span of the railroad bridge will show two 360-degree green lights, providing a range for the centerline of the channel between both highway and railroad bridges. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 47/21

**NORTHERN CALIFORNIA-OAKLAND-DREDGE OPERATIONS**

The Dutra Group will be conducting dredging operations at the Schnitzer Steel Dock in Oakland, CA at 37-47-37N 122-17-32W, until 31 December, 2022, 24 hours a day, 7 days a week. DB 24, tow tug HEIDI BRUSCO and tender tug BECKY T will be monitoring VHF-FM Chan. 13, 14 and 80A. All dredged materials will be disposed of at SF-DODS. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Chart 18653

LNM: 35/22

**NORTHERN CALIFORNIA-OCEAN BEACH-GEOPHYSICAL SURVEY**

USGS Pacific Coastal and Marine Geology Science Center (PCMSC) is conducting geophysical surveys in the vicinity of Ocean Beach, CA until 30 September, 2022 during daylight hours. Operations will be bounded by the following coordinates:

37-46-37N 122-31-48W  
 37-42-36N 122-31-48W  
 37-46-37N 122-30-11W

**NORTHERN CALIFORNIA-OCEAN BEACH-GEOPHYSICAL SURVEY**

37-42-36N 122-30-11W

A bathymetric survey utilizing two personal watercraft will be used to conduct the operations. Mariners are requested to transit the area with caution. For more details or comments contact Tim Elfers at 831-460-7479.

Charts: 18640 18649

LNM: 24/22

**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-OFFSHORE SAN FRANCISCO-OCEANOGRAPHIC OPERATIONS**

Sofar Ocean Technologies will be conducting oceanographic operations until 15 December, 2022, offshore of Ocean Beach, CA. A 19 foot C-Dory will be deploying a buoy at 37-43-58N 122-33-12W and 37-43-29N 122-32-52W. The buoys are yellow in color and Fl (Y) 2.5s. The C-Dory will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Cameron Dunning at 415-912-6858.

Chart 18645

LNM: 23/22

**NORTHERN CALIFORNIA-OFFSHORE-COMMERCIAL SALMON FISHERIES**

NMFS has taken inseason action in the recreational salmon fishery South of Cape Falcon, Oregon. The September quota for the recreational non-mark selective Coho fishery from Cape Falcon to Humbug Mountain is increased from 17,000 to 26,800 due to impact-neutral rollover of unutilized June - August quota.

Charts: 18600 18620 18640

LNM: 35/22

**NORTHERN CALIFORNIA-PEYTONIA SLOUGH-SUISUN CITY-SUNKEN VESSEL**

The Coast Guard received a report of a sunken vessel in the vicinity of Peytonia Slough State Marine Park in the Peytonia Slough at 38-13-35N 122-02-17W. The vessel is not visible above the waterline, it is situated in the middle of the channel, and has been marked with a red buoy. Mariners are advised to exercise due caution while transiting the area. For more details or comments contact LT Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@uscg.mil.

Chart 18656

LNM: 27/22

**NORTHERN CALIFORNIA-PORT OF BENICIA-MARINE CONSTRUCTION**

The Dutra Group is conducting marine construction at the Port of Benicia until 15 September, 2022. Operations will consist of emergency dock repairs and will be bounded by the following coordinates:

38-02-45N 122-07-44W

38-02-39N 122-07-38W

38-02-19N 122-08-17W

38-02-26N 122-08-22W

Crane Barge #12 will be in the area and monitoring VHF-FM Chan. 9, 16 and 68A. The upstream and downstream corners of each barge will be lighted at night with steady burning red lights. Mariners are requested to transit the area with caution. For more details or comments contact Scott Brooks at 707-333-5029.

Charts: 18655 18657

LNM: 22/22

**NORTHERN CALIFORNIA-PORT OF STOCKTON-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 in the port of Stockton until 30 November, 2022. A total of 12 vessels will be involved during the construction. All vessels will be monitoring VHF-FM Chan. 14. Mariners are requested to transit the area with caution. For more details or comments contact Grant Rose at 559-706-8159.

Charts: 18661 18662

LNM: 26/22

**NORTHERN CALIFORNIA-RICHMOND-DREDGE OPERATIONS**

Pacific Dredge Company is conducting dredge operations at Richmond Inner Harbor Channels CA between 37-54-20N 122-23-56W and 37-54-47N 122-21-46W, 24 hours a day, 7 days a week until 10 September, 2022. D/B PDC 180, D/B NJORD, Tugs KATHERINE, JEFFERY M, PETER M, Harbor boat S BASS, along with 03 scows, will be conducting the dredge operations and will be monitoring VHF-FM Chan. 6 and 16. All dredged material will be disposed at SF-DODS. Mariners are requested to transit the area with caution. For more details or comments contact Matt MacArthur at 951-541-6941.

Chart 18653

LNM: 26/22

**NORTHERN CALIFORNIA-SACRAMENTO DEEP WATER SHIPPING CHANNEL-DREDGE OPERATIONS**

The Dutra Group will be conducting dredge operations until 22 October, 2022, 24 hours a day, 7 days a week at the Federal Channel Reaches 1-11:

1: 38-04-24N 121-46-23W

2: 38-05-06N 121-45-03W

3: 38-05-34N 121-44-12W

4: 38-06-03N 121-43-30W

5: 38-06-39N 121-42-42W

6: 38-09-42N 121-40-53W

7: 38-14-07N 121-40-24W

8: 38-22-51N 121-37-35W

9: 38-25-00N 121-36-36W

**NORTHERN CALIFORNIA-SACRAMENTO DEEP WATER SHIPPING CHANNEL-DREDGE OPERATIONS**

10: 38-26-11N 121-36-03W

11: 38-28-16N 121-35-04W

Tow tug KILLEEN along with tender tug BECKY T will be monitoring VHF-FM Chan. 13, 14, and 80. All dredged materials will be disposed of at the Montezuma Wetlands. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Charts: 18656 18661 18662

LNM: 32/22

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-DREDGE OPERATIONS**

The Dutra Group will be conducting dredging operations in the Sacramento River from Mile 14.60L to 17.34L until 31 December, 2022. The work will be along the south side of the Sacramento River bordering Brannan Island between River Mile 14.60 and 17.34, between the Sacramento River and Cache Slough River mouth to Ramos CFN in Isleton, CA. Crane Barge 1 will be monitoring VHF-FM Chan. 9, 16 and 68A or can be reached at 707-333-5029. Mariners are requested to transit the area with caution. For more details or comments contact William Ng at 707-231-6862.

Charts: 18661 18664

LNM: 35/22

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-MARINE CONSTRUCTION**

Glenn Colusa Irrigation District will be removing material from a mid-channel island in the Sacramento River until 30 October, 2022 in the vicinity of the Hamilton Intake structure at 39-47-38N 122-02-40W. A land bridge is constructed across the western channel and blocks all vessel traffic on this side of the river. Passage up or down river is available on the eastern side of the river. Mariners are requested to transit the area with caution. For more details or comments contact Greg Krzys at 530-804-3756.

Charts: 18662 18664

LNM: 36/22

**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'.

LNM: 22/16

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-RIO VISTA- DIRECTIONAL DRILLING CONSTRUCTION OPERATIONS**

ARB Inc. will be conducting horizontal directional drilling operations below the Sacramento River near the city of Rio Vista between 38-08-53N 121-41-37W and 38-08-49N 121-40-51W until 31 December, 2022. Operations will be conducted from 7:00am to 7:30pm, Monday through Saturday. Construction equipment will be staged on land above the adjacent shorelines. Mariners are requested to transit the area with caution. For more details or comments contact Kelvin Qiu at 925-404-3723.

Chart 18661

LNM: 36/22

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-SAN JOAQUIN RIVER-GEOTECHNICAL DRILL TESTING**

Gregg Drilling and Testing will be conducting Overwater Geotechnical Investigations on the Sacramento River at 38-23-43N 121-30-44W, the San Joaquin River to Mokelumne River between 38-12-48N 121-29-43W and 37-54-20N 121-29-57W. R/V QUIN DELTA will be conducting the operations and monitoring VHF-FM Chan. 13, 14 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Captain Tim O'Donnell at 949-254-5190 or at BEARatSEA@gmail.com.

Charts: 18010 18661 18680

LNM: 36/22

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-SUNKEN VESSEL**

The Coast Guard received a report of a sunken vessel in the Sacramento River in approximate position 38-36-21N 121-31-12W. The vessel is approximately 16 feet long, and sits in 16 – 20 feet of water. Mariners are advised to exercise due caution while transiting in the area. For more details or comments contact USCG Sector San Francisco Waterways at 415-399-7443 or SFWaterways@uscg.mil.

Chart 18664

LNM: 36/22

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-SUNKEN VESSEL**

The Coast Guard received a report of a sunken vessel in the Sacramento River in approximate position 38-36-21N 121-31-12W. The vessel is approximately 16 feet long, and sits in 16 – 20 feet of water. Mariners are advised to exercise due caution while transiting in the area. For more details or comments contact USCG Sector San Francisco Waterways at 415-399-7443 or SFWaterways@uscg.mil.

Chart 18664

LNM: 35/22

**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 11 May, 2023. 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: 20/22

**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 have been 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 is 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 are being 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 is 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-BRIDGE**

WESTERN SPAN SAN FRANCISCO-OAKLAND BAY BRIDGE-Fender repairs are being conducted through 31 October, 2022, Monday through Friday, during daylight hours at piers B, C, D, and E. The 150' X 54' Crane Barge Kelso will be anchored at various locations during the work (See SFOBBTemporaryBargeLocations.pdf in the enclosure section). The barges will be left on-scene, unmanned, after normal working hours. During the work day the barge can be moved for the safety of navigation with two hours advanced notice. After working hours the barge can be moved for the safety of navigation with six hours advanced notice. Barges, anchors and anchor lines will not impede the D-E shipping channel during work. Mariners are requested to transit the area with caution. For on-site conditions, mariners can contact the contractor at 415-720-3807 or Caltrans at 510-867-4545. For further information contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18649

LNM: 15/22

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

GOLDEN GATE BRIDGE-Four 54' temporary under deck platforms; two 475' and 2,075' north of the south tower, and two 175' and 675' south of the north tower have been installed at the bridge. Temporary platforms 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\_14Jun22.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: 24/22

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-COYOTE POINT MARINA-MARINE CONSTRUCTION**

The Dutra Group is conducting marine construction at the Coyote Point Marina during daylight hours from 08 September, 2022 until 30 September, 2022. Operations will be bounded by the following coordinates:

37-35-23N 122-19-05W

37-35-41N 122-19-06W

37-35-41N 122-18-37W

37-35-24N 122-18-36W

Operations will include the construction to the Aids to Navigation within the area. Crane Barge MORTY, multiple work skiffs and a work boat will be monitoring VHF-FM Chan. 09, 16, 76, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18651

LNM: 36/22

**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-DREDGE OPERATIONS**

The Dutra Group will be conducting dredging operations at the San Rafael Rock Quarry Dock at 37-59-15N 122-26-50W, 24 hrs a day, 7 days a week until 30 November, 2022. 03 split hull scows, tow tug SARAH REED, BECKY T, PHYLLIS T, will be monitoring VHF-FM Chan. 13, 16, and 80. All dredged material will be disposed of at the San Rafael Rock Quarry. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Chart 18650

LNM: 31/22

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-LOCH LOMOND MARINA-DREDGE OPERATIONS**

Salt River Construction Corporation is conducting dredge operations in Loch Lomond Marina at 37-58-15N 122-29-01W until 30 November, 2022. Dredge barge DB1 and Tug P CAY will be conducting operations and monitoring VHF-FM Chan. 13, 14 and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Charts: 18649 18650

LNM: 24/22

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

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

Chart 18650

LNM: 16/15

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-SURVEY OPERATIONS**

SAILDRONE, INC. is conducting oceanographic survey operations and will operate an Unmanned Surface Vehicles called Saildrone from 6-9 September, 2022. The operations will be conducted 0.8 nm South of General Anchorage 9 in San Francisco Bay. The saildrone is 30 feet long, 18 feet tall, painted orange with a tri-color light on top and marked SAILDRONE. Mariners are requested to transit the area with caution. For more details or comments contact Saildrone mission control at 510-722-6070.

Charts: 18649 18651

LNM: 35/22

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

The city of Lathrop, CA will be conducting marine construction until 15 October, 2022 at 37-47-42N 121-18-26W. A temporary sheet pile coffer dam will be constructed to assist with bank protection. Mariners are requested to transit the area with caution. For more details or comments contact Ken Reed at 209-712-3136 or kreed@ci.lathrop.ca.us.

Charts: 18661 18663

LNM: 26/22

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

California Department of Water Resources will be conducting construction of agricultural barriers until 30 Nov 22 at the following locations: Old River near Tracy barrier 37-53-08N 121-28-56W



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

Middle River near Tracy Barrier 37-48-36N 121-32-35W

Grant Line Canal Barrier 37-49-10N 121-26-54W

A small aluminum boat will be on site for day to day operations. For more details or comments contact Bill McLaughlin 916-873-5748.

Chart 18661

LNM: 19/22

**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.

Charts: 18661 18663

LNM: 28/20

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

BAY FARM ISLAND HIGHWAY AND PEDESTRIAN BRIDGES-The pier protection system at the bridges have deteriorated and may not offer adequate protection for the bridges as well as vessels transiting the bridge. Mariners are urged to transit both bridges 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: 31/22

**NORTHERN CALIFORNIA-SAN LORENZO RIVER-BRIDGE**

LAUREL STREET BRIDGE- A new water conveyance pipeline will be installed. To conduct the work, a bucket truck on the bridge deck will be utilized to suspend a mobile platform from the side of the bridge, vertical clearance will be temporarily reduced by 6-feet. Work is being conducted Monday through Friday, 7 am to 4:30pm, through 12 November, 2022. There will be no in-water work or 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 510-437-3515.

Chart 18685

LNM: 35/22

**NORTHERN CALIFORNIA-SAN PABLO BAY-TORMEY-MARINE CONSTRUCTION**

The Dutra Group will be conducting marine construction to the Phillips 66 San Francisco Refinery located West of the Carquinez Bridge until 31 December, 2022, during daylight hours. Construction will be bounded by the following coordinates:

38-03-22N 122-15-52W

38-03-25N 122-15-33W

38-03-06N 122-15-34W

38-03-06N 122-15-39W

Crane barge 1 along with a work boat will be conducting operations and monitoring VHF-FM Chan. 9, 16, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Nicholas Dino at 707-389-0505.

Charts: 18654 18655 18657

LNM: 23/22

**NORTHERN CALIFORNIA-SAN RAFAEL CREEK-DREDGE OPERATIONS**

The Dutra Group will be conducting dredging operations in San Rafael Creek from 18 September, 2022 until 31 October, 2022. Dredging will be between the entrance of San Rafael Creek Channel at 37-57-24N 122-27-19W and the Grand Ave. Bridge at 37-58-10N 122-31-08W. DB 24 and/or DB BEAVER, tug SARAH REED, tug BECKY T and/or PHYLLIS T along with 04 split hull scows will conduct operations. All vessels will be monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Charts: 18653 18654

LNM: 36/22

**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-STEAMBOAT SLOUGH-SUNKEN VESSEL**

The Coast Guard received a report of a sunken vessel in the Steamboat Slough at position 38-14-46N 121° 36-09W. The pontoon vessel is approximately 30' long, with approximately 1/4 of the vessel visible above the waterline. The vessel is situated on the western side of the slough with a line securing it to the bank. Mariners are advised to exercise due caution while transiting in the area. For more details or comments contact USCG Sector San Francisco Waterways at 415-399-7443 or SFWaterways@uscg.mil.

Chart 18661

LNM: 36/22

**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 until 04 October, 2022. Dredge 8 will be dredging in the navigation channel in the vicinity of West Island, starting at River Mile 5.4 at 38-01-16N 121-45-53W. A Submerged dredge pipe will come ashore at two separate points at 38-01-15N 121-47-56W and 38-01-59N 121-45-56W. Dredge 8 will be monitoring VHF-FM Chan. 13, 16 and 79. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7434 or 503-349-7436.

Chart 18663

LNM: 35/22

**NORTHERN CALIFORNIA-SUISUN BAY-DREDGE OPERATIONS**

**NORTHERN CALIFORNIA-SUISUN BAY-DREDGE OPERATIONS**

The Dutra Group will be conducting dredging operations until 15 October, 2022 in the Suisun Bay Channel between 38-02-25N 122-06-58W and 38-03-46N 121-01-37W along with dredging in New York Slough between 38-02-46N 000-53-49W and 38-01-32N 121-49-31W. DB 24 and/or DB BEAVER, tug SARAH REED, tug BECKY T and/or PHYLLIS T along with 05 split hull scows will conduct operations. All vessels will be monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Salyers at 415-497-5289.

Chart 18656

LNM: 32/22

**NORTHERN CALIFORNIA-SUISUN BAY-MONTEZUMA SLOUGH-MARINE CONSTRUCTION**

The California Department of Water Resources advises that will be installing flashboards at the Suisun Marsh salinity control structure, located 2.2 nautical miles from the easterly end of Montezuma Slough at 38-05-36N 121-53-07W. Mariners are advised to use the boat lock. The boat lock signal is a standard traffic light and the operator will monitor VHF-FM Chan. 13. Mariners are requested to transit the area with caution. For more details or comments contact Ian Uecker at 916-574-2991.

Chart 18656

LNM: 34/21

**OFFSHORE NORTHERN CALIFORNIA-WASHINGTON COAST TO SAN FRANCISCO-SURVEY OPERATIONS**

SAILDRONE, INC. is conducting oceanographic survey operations and will operate two Unmanned Surface Vehicles called Saildrone for fish and krill population surveys until 15 October, 2022. The operations will be conducted along the western seaboard from Cape Flattery, WA to San Francisco, CA. The saildrone is 23 feet long, 16 feet tall, painted orange with an all-round white light and marked SAILDRONE. Mariners are requested to transit the area with caution. For more details or comments contact Saildrone mission control at 510-722-6070.

Charts: 18600 18620 18640

LNM: 26/22

**SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING**

The City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of the South Bay Ocean Outfall and Point Loma Ocean Outfall. The Ocean Monitoring Program conducts trawl sampling, benthic sampling with a double Van Veen sediment grab, vertical CTD casts and horizontal tows with an undulating underwater vehicle, ROV surveys and multiple moorings are deployed in the region below. Ocean sampling will be conducted in an area bound by the following coordinates:

- 32-31-54N 117-11-11W
- 32-32-10N 117-11-57W
- 32-32-03N 117-12-06W
- 32-32-33N 117-11-56W
- 32-40-10N 117-19-22W
- 32-40-04N 117-19-34W
- 32-39-37N 117-19-32W
- 32-39-56N 117-19-39W
- 32-40-10N 117-16-55W

The M/V OCEANUS and M/V MONITOR III when in the area will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Adriano Feit at 619-758-2377 or 858-882-7055.

Charts: 18765 18772

LNM: 43/21

**SOUTHERN CALIFORNIA - GROVER BEACH - GEOPHYSICAL SURVEY**

FUGRO USA MARINE INC. will be conducting a Bathymetric Survey from the M/V SKIFF from 21 Sep to 07 Oct, 2022. The survey will be conducted during daylight hours near Grover Beach, CA within the following coordinates:

- 35-07-26N 120-38-11W
- 35-07-05N 120-38-04W
- 35-06-57N 120-39-36W
- 35-05-15N 120-41-42W
- 35-4-59N 120-14-23W
- 35-06-38N 120-39-20W

The vessel will have limited maneuverability during operations and mariners are requested to transit the area with caution. For more details or comments contact Cindy Pratt at 805-650-7000.

Chart 18700

LNM: 36/22

**SOUTHERN CALIFORNIA - SANTA CRUZ - WAVERIDER BUOY**

A Waverider buoy has been deployed at 36-56-04N 122-02-02W near Santa Cruz, CA. The buoy will be used for wave measurements to aid the Coastal Data Information Program. For questions, contact Ross Timmerman at 619-818-8387.

Chart 18685

LNM: 33/22

**SOUTHERN CALIFORNIA- ANAHEIM BAY- TEMPORARY BUOYS**

The U.S. Coast Guard has established temporary Buoys in Anaheim Bay at the following locations.

- Temp Buoy #9- Fl G 4s  
Position: 33-43-927N 118-05-981W
- Temp Buoy #10 Q R  
Position: 33-43-963N 118-05-818
- Temp Buoy #11 Fl G 4s  
Position: 33-44-077N 118-05-862W
- Temp Buoy #13 Fl G 4s  
Position: 33-44-211N 118-05-799W

For more details or comments contact LT Miranda Brumbaugh at 510-437-2978 or Miranda.E.Brumbaugh@uscg.mil.

Charts: 18746 18749

LNM: 29/22

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

Thunderboats Unlimited, Inc will be sponsoring the San Diego Bayfair on 16-18 September, 2022 from 6:00am to 6:00pm each day. The event will

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

involve approximately 200 participants racing powerboats in Mission Bay on a series of courses in Fiesta Bay. A special local regulation will be enforced for this event, encompassing the navigable waters of Mission Bay to include Fiesta Island, the east side of Vacation Isle, and Crown Point Shores. Mariners will be prohibited from transiting through the special local regulation area during the event. For more details or comments contact Mr. Bob Davies at 619-572-6274.

Charts: 18765 18772 18773

LNM: 32/22

**SOUTHERN CALIFORNIA-CHANNEL ISLANDS-DREDGE OPERATIONS**

Manson Construction Co. is conducting dredging operations of the Channel Islands Harbor Entrance at 34-09-21N 119-13-46W, 24 hrs a day, 7 days a week from 01 October, 2022, until 31 January, 2023. DB MORRIS, DB FREYA, Tender PUP, Tender CUB, and Survey Boat RUSTLER will be conducting operations and monitoring VHF-FM Chan. 16 and 67. Materials will be transported through floating, submerged and shore pipeline to the disposal area starting 20 September, 2022. Mariners are requested to transit the area with caution. For more details or comments contact DB HR MORRIS at 562-762-5449.

Chart 18725

LNM: 35/22

**SOUTHERN CALIFORNIA-GROVER BEACH-PISMO BEACH-MARINE CONSTRUCTION**

RTI Solutions, INC. will be conducting marine construction offshore Grover Beach at 35-07-05N 120-38-46W from 26 September, 2022 until 30 November, 2022. M/V JAB will be installing two steel conduits at under the ocean floor. M/V JAB will be at anchor during daylight hours. Mariners are requested to transit the area with caution. For more details or comments contact Brayton Pointer at 805-746-4242.

Chart 18700

LNM: 36/22

**SOUTHERN CALIFORNIA-LOS ANGELES/LONG BEACH HARBOR-BRIDGE**

GERALD DESMOND BRIDGE DEMOLITION-The main span of the bridge has been removed from the 300 foot back channel. Work continues in removing the cantilever arms that are still over the waterway but not over the 300 foot channel. Mariners are requested to use the center of the 300 foot channel when transiting the work site. The replacement bridge is named the "LONG BEACH INTERNATIONAL GATEWAY BRIDGE". The Long Beach International Gateway Bridge provides 204 feet of vertical clearance at mean high water. The air gap sensor is installed and operational. Real time vertical clearance can be found at <https://go.usa.gov/xSgKb>. For information about on-site conditions, contact the contractor Kiewit at 360-300-4365 or 602-376-5765. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

LNM: 28/22

**SOUTHERN CALIFORNIA-LOS ANGELES/LONG BEACH HARBOR-BRIDGE**

VINCENT THOMAS BRIDGE-The 180' temporary platform has been relocated just west of the east tower and reduces vertical clearance of the bridge by 5.5 feet and painting of the bridge has resumed and will migrate west. 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.

Chart 18749

LNM: 30/22

**SOUTHERN CALIFORNIA-LOS ANGELES/LONG BEACH HARBOR-BRIDGE**

PIER 400 BRIDGE MODIFICATION- Construction is taking place Monday through Friday, 6am to 4pm, through 31 September, 2023. All in-water equipment and temporary structures will occur within the two existing bridges, and will not impact marine traffic in the area. For conditions at the work site, contact 714-536-9553 or 510-846-0325. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18749

LNM: 26/22

**SOUTHERN CALIFORNIA-MISSION BAY-UNMANNED VEHICLE OPERATIONS**

The U.S. Navy will be conducting unmanned surface vehicle operations from 12 September, 2022 until 07 October, 2022 spanning from Imperial Beach, California to northwest Mission Bay, San Diego, California. Operations will be bounded by the following coordinates:

- 32-14-52N 117-24-59W
- 32-35-53N 117-24-53W
- 32-34-54N 117-23-09W
- 32-34-12N 117-20-09W
- 32-34-12N 117-09-46W
- 32-37-02N 117-09-49W
- 32-41-51N 117-20-10W

The M/V MALLORY, HOLLY, SURVEYOR, and LORI 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 Randy Williams at 850-814-1404 or Gordon Reese at 850-819-7660.

Chart 18765

LNM: 34/22

**SOUTHERN CALIFORNIA-NAVAL BASE POINT LOMA-MARINE CONSTRUCTION-DREDGE OPERATIONS**

R.E. Staite Engineering Inc. will conduct marine construction and dredging operations at Naval Base Point Loma behind the 151 Fuel Pier at 32-41-59N 117-14-13W from 01 October, 2022 until 31 March, 2023. Vessels DB PALOMAR, DB POINT LOMA, DB WILLIAM F, push boat JENIE R, crew boat JOHN DRAKE along with tugs KILLEEN, CUYAMACA and 04 scows will conduct operations. All vessels will monitor VHF-FM Chan. 16. All dredged materials will be disposed of at LA-5. Mariners are requested to transit the area with caution. For more details or comments contact Erick Myers at 619-233-0178.

Chart 18773

LNM: 32/22

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-HAZARDOUS OPERATIONS**

The U.S. Navy will be conducting hazardous operations until 01 January, 2023, in the areas bound by the following coordinates:

- First:
- 32-55-00N 118-25-00W
- 32-55-00N 118-15-00W
- 32-40-00N 118-15-00W
- 32-40-00N 118-35-00W
- 32-45-00N 118-35-00W

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-HAZARDOUS OPERATIONS**

Second:

- 32-33-00N 118-25-00W
- 32-35-00N 118-16-00W
- 32-35-00N 117-40-00W
- 31-55-00N 117-40-00W
- 31-55-00N 118-25-00W
- 32-33-00N 118-25-00W

Third:

- 32-52-42N 119-11-58W
- 33-08-04N 118-52-05W
- 33-08-04N 118-46-02W
- 33-03-52N 118-41-48W
- 33-02-32N 118-43-33W
- 32-58-53N 118-43-31W
- 32-47-40N 118-32-21W
- 32-36-55N 118-45-00W
- 32-36-55N 118-56-57W

Mariners are requested to transit the area with caution. For more details or comments contact FACSFAC schedules at 619-545-1744.

Charts: 18740 18765 18774

LNM: 04/22

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGUITO LAGOON-MISSION BAY-OCEANOGRAPHIC OPERATIONS**

Scripps Institution of Oceanography will be conducting surface to floor oceanographic operations from 3-5 October, 2022, offshore San Dieguito Lagoon at 32-52-00N 117-18-00W and Mission Bay at 32-46-00N 117-18-00W. Research vessel BEYSTER will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Margaret Morris at 573-680-3303 or Brett Pickering at 858-337-4261.

Charts: 18740 18765

LNM: 35/22

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

NOAA's Pacific Marine Environmental Laboratory deployed a buoy 11 nautical miles due west of Point Conception, CA. at 34-27-31N 120-41-10W. The buoy named Harvest 22 has a yellow top with gray sides and a flashing amber light every 4 seconds. Mariners are advised to use due caution when transiting this area. For more details or comments contact Cabot Zucker at 425-477-9554.

Chart 18721

LNM: 13/22

**SOUTHERN CALIFORNIA-PORT OF LONG BEACH-MARINE CONSTRUCTION**

Connolly-Pacific will conduct marine construction to the ramp at Pier G in the Port of Long Beach from 8:30am to 6:30pm until 28 February, 2022. DB LOS ANGELES and tug DURANGO will be conducting construction. DB LOS ANGELES will use anchor buoys to be positioned near the ramp. All vessels will be monitoring VHF-FM Chan 13, 16 and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-437-2831.

Chart 18751

LNM: 28/22

**SOUTHERN CALIFORNIA-PORT SAN LUIS-MARINE CONSTRUCTION**

Connolly-Pacific will conduct marine construction to the Port San Luis breakwater from 6:30am to 6:30pm until 31 December, 2022. DB LONG BEACH will use anchors to position itself along the breakwater. These anchor positions will be marked by round white anchor cans. Tug PATCONA and Tug LARCONA will be assisting DB LONG BEACH. All vessels will be monitoring VHF-FM Chan. 13, 16, and 79a. Mariners are requested to transit the area with caution. For more details or comments contact Tobey Walker at 562-577-0730 or John Riley at 562-577-3602.

LNM: 04/22

**SOUTHERN CALIFORNIA-RESERVATION POINT-LOS ANGELES-MARINE CONSTRUCTION**

Power Engineering Construction Co. will be performing demolition and pile driving operations until 22 December,2022, at 33-43-22N 118-16-06W. Work is being conducted Monday through Friday 7:00am to 4:00pm. Operations will be conducted with derrick barge DB ALAMEDA and a flat material barge. The barge will be spudded down and anchored using a four-point mooring system with buoys. All vessels and equipment on site will be monitoring VHF-FM Chan. 16 and 67. Mariners are requested to transit the area with caution. For more details comments contact Matt Dill at 510-610-4633.

Chart 18751

LNM: 19/22

**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-FIREWORKS**

Fireworks America will sponsor the San Diego Symphony Night Shows 2022 fireworks displays from 9:00pm to 10:00pm on 10-11 September, 2022. There will be a tug and barge combination located off of South Embarcadero Marina Park at 32-42-11N 117-10-04W. Mariners are advised to avoid the area and use due caution when transiting in the vicinity of the barge. For more details or comments contact Julie Andrews at 619-938-8277.

Chart 18773

LNM: 31/22

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-FIREWORKS DISPLAY**

Fireworks America will sponsor the San Diego Symphony Night Shows 2022 fireworks displays from 9:00pm to 10:00pm on 13 & 28 September 2022. There will be a tug and barge combination located off of South Embarcadero Marina Park at 32-42-11N 117-10-04W. Mariners are advised to avoid the area and use due caution when transiting in the vicinity of the barge. For more details or comments contact Julie Andrews at 619-938-8277.

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-FIREWORKS DISPLAY**

LNM: 28/22

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

R.E. Staite Engineering Inc. will conduct marine construction at Naval Base Point Loma piers 5000, 5002 and 5003 at 32-41-24N 117-14-04W until 25 November, 2022. Vessels DB PALOMAR, RES 80, JOHN DRAKE, push boats JEANIE R, and tug KILLEEN will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 31/22

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

R.E. Staite Engineering Inc. will conduct marine construction at Naval Base Point Loma at 32-41-33N 117-14-22W from 16 September, 2022 until 31 March, 2023. Vessels DB PALOMAR, DB POINT LOMA, RES 180, crew boat JOHN DRAKE, along with tug CUYAMACA will conduct operations. All vessels will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Erick Myers at 619-233-0178.

Chart 18773

LNM: 32/22

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

R.E. Staite Engineering Inc. will conduct marine construction at Naval Base Point Loma piers 5000 at 32-41-16N 117-14-17W from 16 September, 2022 until 31 March, 2023. Vessels DB PALOMAR, DB POINT LOMA, DB WILLIAM F, push boat JEANIE R, crew boat JOHN DRAKE along with tugs KILLEEN, CUYAMACA and 04 scows will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Erick Myers at 619-233-0178.

Chart 18773

LNM: 32/22

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

KOZ events will be sponsoring the San Diego Triathlon Classic in San Diego Bay on 10 September, 2022 from 7:00am to 10:00am. The event will involve approximately 1000 participants swimming in waves of 80 on a closed course by Liberty Station Park. Mariners are requested to transit the area with caution. For more details or comments contact Tobias Panek at 858-255-9709.

Chart 18773

LNM: 32/22

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

The Honor Foundation will be sponsoring the Swim for Special Operations Forces (SOF) event on 17 September, 2022 from 8:00am to 11:00am at 32-42-27N 117-10-37W. This event will consist of approximately 70 participants swimming on a course starting in Glorietta Bay on Coronado Island, proceeding to Tidelands Park, moving north along the shoreline to Bayview Park, then crossing the channel to the USS MIDWAY. A special local regulation will be in effect encompassing all navigable waters around the swim course from 7:30am until 11:30am. Mariners will be prohibited from transiting through the special local regulation area during this period. For more details or comments contact Jason Goyanko at 571-428-5354.

Chart 18773

LNM: 32/22

**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 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 6:00am to 6:00pm on 16-18 September, 2022. 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: 18765 18772 18773

LNM: 30/22

**SOUTHERN CALIFORNIA-SAN DIEGO-SANTA BARBARA-OCEANOGRAPHIC OPERATIONS**

The Scripps Institution of Oceanography R/V SALLY RIDE (Call Sign WSAF) will be conducting 24-hour surface oceanographic operations until 11 September, 2022. Operations will be conducted in the below areas and bounded by the following positions:

San Diego:

33-00-43N 117-58-28W

32-37-21N 117-40-28W

32-33-38N 117-12-54W

32-56-46N 117-20-18W

Catalina Basin:

32-42-04N 118-10-45W

33-11-28N 118-44-00W

33-19-13N 118-34-12W

33-11-28N 118-03-22W

San Pedro and Santa Monica Basins:

33-35-23N 118-11-30W

34-01-03N 118-42-56W

33-40-39N 119-03-46W

33-21-13N 118-14-24W

Santa Barbara Basin:

34-26-03N 120-27-33W

34-12-49N 120-26-31W

34-06-13N 119-17-28W

**SOUTHERN CALIFORNIA-SAN DIEGO-SANTA BARBARA-OCEANOGRAPHIC OPERATIONS**

34-14-48N 119-18-59W  
 East and West Cortez Basins:  
 32-23-00N 119-23-27W  
 31-47-05N 118-38-02W  
 32-17-35N 118-09-33W

During operations, the research vessel will be restricted in its ability to maneuver and maritime traffic is requested to give the research vessel a wide berth and exercise caution when transiting the area. The R/V SALLY RIDE will be monitoring VHF-FM Chan. 13 and 16. For more details or comments contact Paul Chua at 858-537-4607.

Charts: 18700 18720 18725 18740 18765

LNM: 34/22

**SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-OCEANOGRAPHIC OPERATIONS**

The research vessel SALLY RIDE (Call Sign WSAF), of the Scripps Institution of Oceanography, will conduct oceanographic operations from 15-28 September, 2022 in the waters NW of Santa Catalina Island in the area bounded by the following coordinates:

33-51-24N 118-54-24W  
 33-42-18N 118-34-48W  
 33-28-30N 118-47-00W  
 33-28-30N 118-40-08W

Operations include deployment and recovery of drifting and anchored research moorings with scientific surface buoys and subsurface oceanographic instrumentation. Surface data buoys are yellow, 5 ft tall from the waterline, 3.5ft in diameter and Fl W (2)s. Buoys are equipped with AIS. SALLY RIDE will be restricted in ability to maneuver during deployment/recovery operations. R/V SALLY RIDE will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Wes Hill at 858-534-5568.

Chart 18740

LNM: 36/22

**SOUTHERN CALIFORNIA-VANDENBERG AFB-HAZARDOUS OPERATIONS**

Hazardous operations will be conducted from Vandenberg AFB, CA starting at 11:31pm on 06 September, 2022 until 6:26am on 11 September, 2022. Hazardous operation areas are bounded by the following coordinates:

Hazard Area 1:  
 34-53-00N 121-18-00W  
 34-43-00N 121-17-00W  
 34-44-00N 120-56-00W  
 34-48-00N 120-36-00W  
 34-54-00N 120-35-00W

Hazard Area 2:  
 34-20-00N 124-33-00W  
 34-35-00N 124-35-00W  
 34-52-00N 122-01-00W  
 34-37-00N 121-59-00W

Mariners are advised to remain clear of these areas for the duration of operations. For more details or comments contact Vandenberg AFB at 805-606-8825.

Charts: 18700 18720 18740

LNM: 35/22

**SOUTHERN CALIFORNIA-VANDENBERG AFB-HAZARDOUS OPERATIONS**

Hazardous operations will be conducted from Vandenberg AFB, CA starting at 2:30pm on 11 September, 2022 until 7:59pm on 15 September, 2022. Hazardous operation areas are bounded by the following coordinates:

34-33-00N 120-21-00W  
 34-07-00N 121-19-00W  
 31-10-00N 127-20-00W  
 28-56-00N 131-10-00W  
 29-57-00N 131-57-00W  
 31-32-00N 129-12-00W  
 34-58-00N 120-41-00W

Mariners are advised to remain clear of these areas for the duration of operations. For more details or comments contact Vandenberg AFB at 805-606-8825.

Charts: 18700 18720 18740

LNM: 36/22

**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
2767.1	Huntington Harbour Channel Buoy 1	33-43-56.340N 118-05-03.540W	Fl G 3s				6' Green Can Buoy. Private Aid. 36/22
	*						*
2767.2	Huntington Harbour Channel Buoy 2	33-43-53.880N 118-05-02.820W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
	*	*	*	*	*	*	*
2767.3	Huntington Harbour Channel Buoy 3	33-43-56.100N 118-04-58.800W	Fl G 3s				6" Green Can Buoy. Private Aid. 36/22
	*	*	*	*	*	*	*

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2767.4	Huntington Harbour Channel Buoy 4	33-43-53.760N 118-05-01.200W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2767.5	Huntington Harbour Channel Buoy 5	33-43-53.580N 118-04-55.500W	Fl G 3s				6' Green Can buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2767.6	Huntington Harbour Channel Buoy 6	33-43-53.160N 118-04-59.640W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.1	Huntington Harbour Channel Buoy 7	33-43-49.620N 118-04-54.300W	Fl G 3s				6' Green Can Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.2	Huntington Harbour Channel Buoy 8	33-43-51.240N 118-04-58.380W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.3	Huntington Harbour Channel Buoy 9	33-43-45.240N 118-04-52.800W	Fl G 3s				6' Green Can Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.4	Huntington Harbour Channel Buoy 10	33-43-49.620N 118-04-58.500W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.5	Huntington Harbour Channel Buoy 11	33-43-42.000N 118-04-46.680W	Fl G 3s				6' Green Can Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*
2768.6	Huntington Harbour Channel Buoy 12	33-43-47.400N 118-04-58.740W	Fl R 3s				6' Red Nun Buoy. Private Aid. 36/22
*	*	*	*	*	*	*	*

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**PUBLICATION CORRECTIONS**


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**ANNOUNCEMENT – U.S. Coast Pilot® 7 and U.S. Coast Pilot® -NEW EDITIONS-Spring 2022**

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 7, Pacific Coast:

California, 54th Edition, 2022, has been issued and is ready for free download and weekly updates at

[www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html).

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

The 2022 Edition cancels the preceding 2021 Edition, and incorporates all previous corrections.

LNM: 21/22

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

U.S. Coast Pilot 7 will be divided into two editions in the spring 2020 due to its large size. The following are the projected new editions that will be

issued on the same date and ready for free download and weekly updates on

June 9, 2020, at [nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://nauticalcharts.noaa.gov/publications/coast-pilot/index.html).

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 7, Pacific Coast:

California 52nd Edition, 2020

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 10, Pacific Coast:

Oregon, Washington, Hawaii and Pacific Islands 1st Edition, 2020

Only Print-on-Demand bound copies are available for purchase; visit

[nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot](http://nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot)

For any questions or comments; visit

[nauticalcharts.noaa.gov/customer-service/assist/](http://nauticalcharts.noaa.gov/customer-service/assist/)

NOAA Office of Coast Survey's Nautical Publications Branch

April 2020

LNM: 18/20

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## ENCLOSURES

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### REPORT OF DELAY AT DRAWBRIDGE

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

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

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

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

See link above for platform lighting for Vincent Thomas Bridge.

LNM: 28/19

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

[AmRiv\\_SiltCurtain\\_BargeLocation.pdf](#)

CAPITAL CITY HWY (ROUTE 51) BRIDGE-See link above for barge and silt curtain locations.

LNM: 22/22

### 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

### NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

[PlatformLighting\\_GG\\_Bridge\\_14Jun22.pdf](#)

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 14 June, 2022.

LNM: 24/22

### 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 for concrete and steel repairs.

LNM: 48/21

### NORTHERN CALIFORNIA-DELTA & RIVERS-OLD RIVER-BRIDGE

[BNSF\\_OldRiver\\_Barge\\_Lighting.pdf](#)

See link above.

LNM: 13/22

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

[TemporaryBridge\\_FalseworkLighting.pdf](#)

CROWS LANDING REPLACEMENT-See link above for temporary falsework, temporary bridge, the temporary navigation channel during construction with navigation lighting plan.

LNM: 36/22

### NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

[SFOBBTemporaryBargeLocations.pdf](#)

WESTERN SPAN SAN FRANCISCO-OAKLAND BAY BRIDGE-See link above regarding fender repairs.

LNM: 13/22

### NEVADA-ARIZONA-COLORADO RIVER-BRIDGE

[Cofferdam-Lighting\\_Laughlin-BH.pdf](#)

NEW LAUGHLIN-BULLHEAD CITY BRIDGE-See link above for temporary cofferdam lighting and configuration.

LNM: 50/21

### NORTHERN CALIFORNIA-SAN FRANCISCO - VOLUNTARY VESSEL SPEED REDUCTION

[NOAA\\_VSR\\_2022.pdf](#)

see link above.

LNM: 18/22



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

[NOAA VSR 2022.pdf](#)

see link above.

LNM: 18/22

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

[ButteConstructionLightng-BuoyLine.pdf](#)

REPLACEMENT BUTTE CITY BRIDGE-See link above for temporary construction trestle and lighting and proposed buoy line..

LNM: 36/22

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

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

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

BRIDGE NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

MILE : \_\_\_\_\_ WATERWAY: \_\_\_\_\_

1. Name/ Type of Vessel: \_\_\_\_\_ Direction of Travel : \_\_\_\_\_

2. Vessel Owner (Name): \_\_\_\_\_

(Address): \_\_\_\_\_

3. Name of Pilot (if applicable): \_\_\_\_\_

(Address): \_\_\_\_\_

4. Time vessel signaled for bridge opening: \_\_\_\_\_

5. Location of vessel when signal was given: \_\_\_\_\_

6. Time and location of vessel when delay began: \_\_\_\_\_

7. Method of signal for bridge opening: ( ) Radio ( ) Sound ( ) Visual.

(If sound or visual signal was used, specify: \_\_\_\_\_)

8. Time bridge operator acknowledged signal: \_\_\_\_\_

9. Method of bridge operator acknowledgement: ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify: \_\_\_\_\_)

10. Did bridge operator acknowledgement indicate the bridge,

( ) Could be opened immediately?

( ) Could not be opened immediately?

11. If land traffic crossed the bridge:

Time land traffic started across the bridge \_\_\_\_\_

Time land traffic stopped crossing the bridge \_\_\_\_\_

Did land traffic stop on the bridge? \_\_\_\_\_

Duration land traffic stopped on the bridge \_\_\_\_\_

12. Time drawbridge opened for navigation \_\_\_\_\_

13. Additional comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Signature \_\_\_\_\_

Telephone \_\_\_\_\_

Mariners may complete and return to:

Commander (dpw)

Fax: (510) 437-5836

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

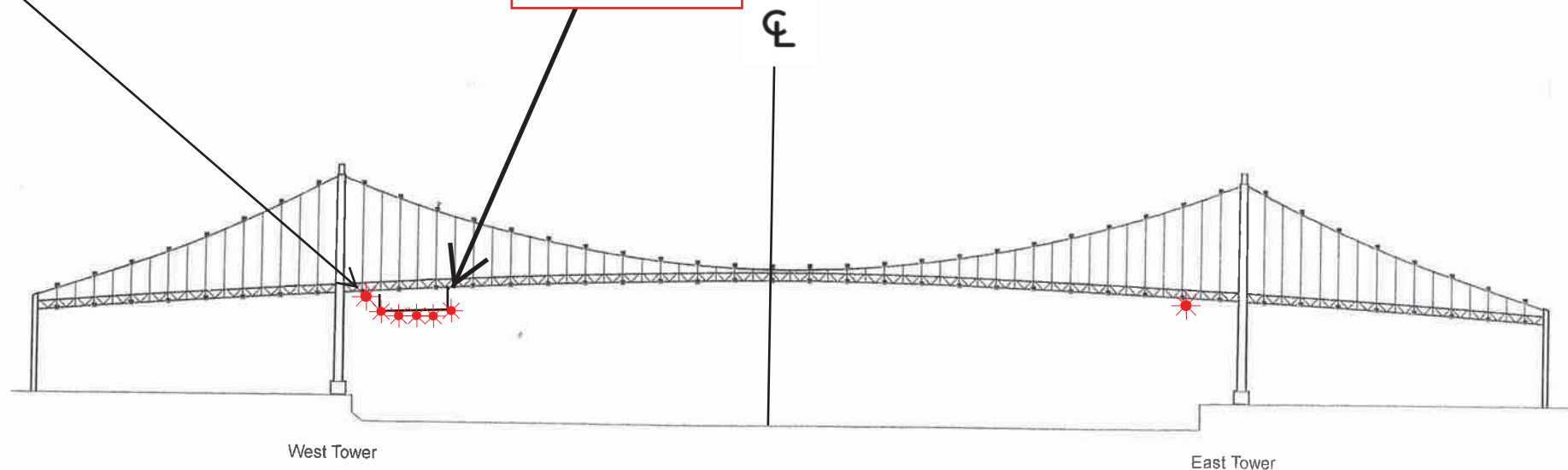
Cell: (510) 219-4366

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

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

West Channel Margin  
Light

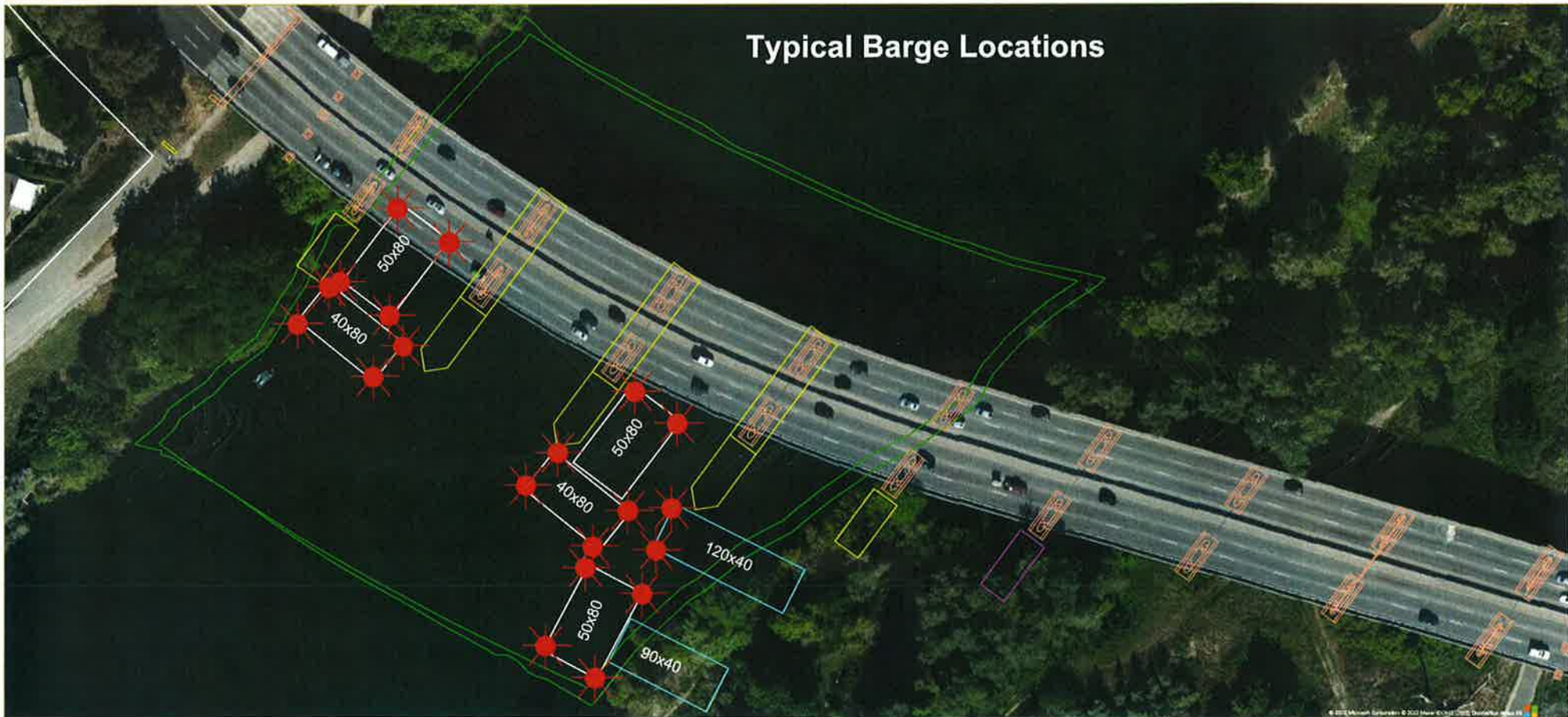
Below Low Steel  
Platform. 5' 4"  
reduction in  
vertical clearance



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

# Rehabilitation and Modification Project Capital City (CA Route 51) Bridge, Mile 4.0, American River

## Typical Barge Location and Typical Barge Lighting



Each corner of each barge is lighted at night with steady burning all-round red light, visible at 2,000 by approaching vessels. All vessels transiting the project area should use extreme caution. Turbidity curtains will be placed at different locations during the project. The next four diagrams show the proposed location of the curtains.



Capital City Bridge, Mile 4.0, American River  
Turbidity Curtain Plan  
Phase 1 Installation



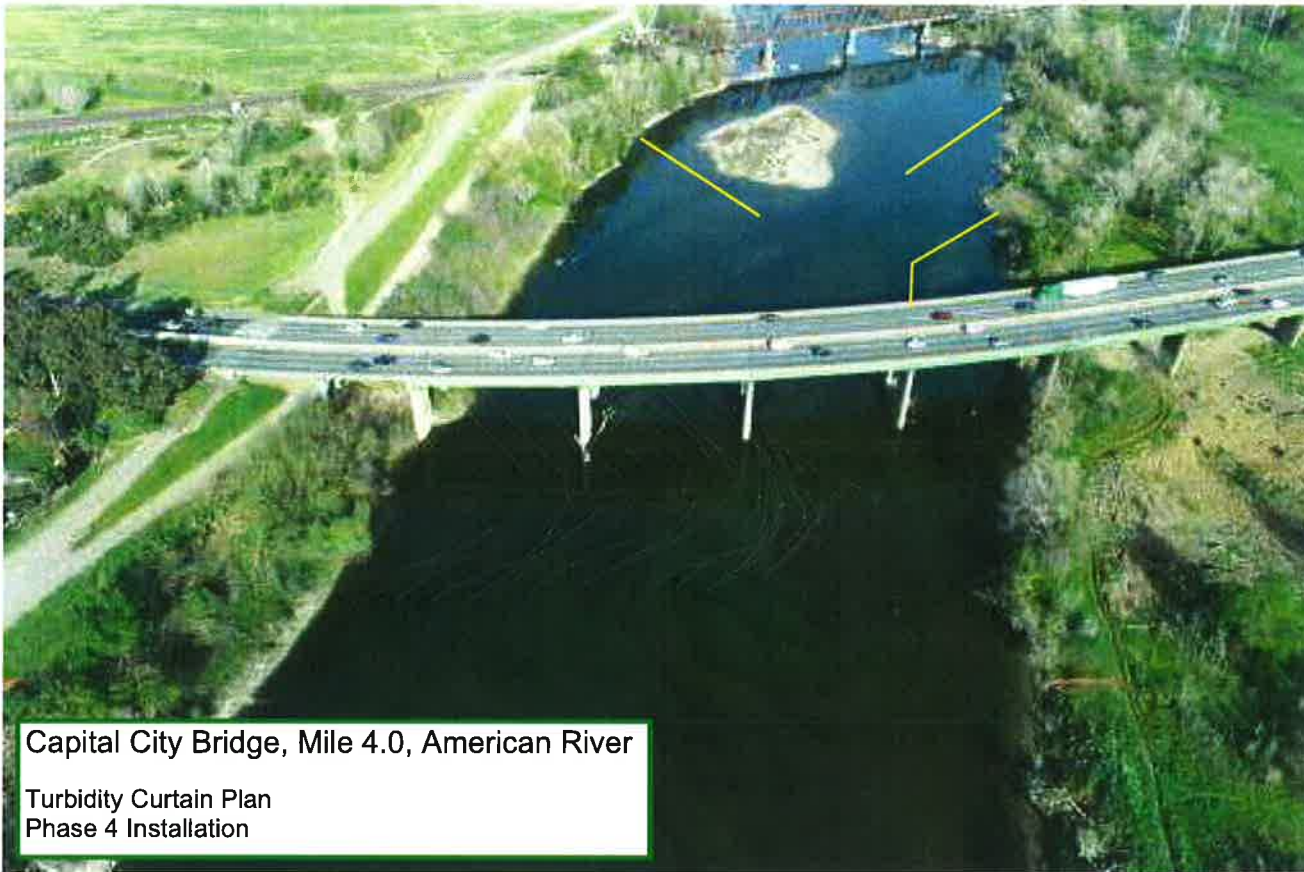
Capital City Bridge, Mile 4.0, American River

Turbidity Curtain Plan  
Phase 2 Installation



Capital City Bridge, Mile 4.0, American River

Turbidity Curtain Plan  
Phase 3 Installation

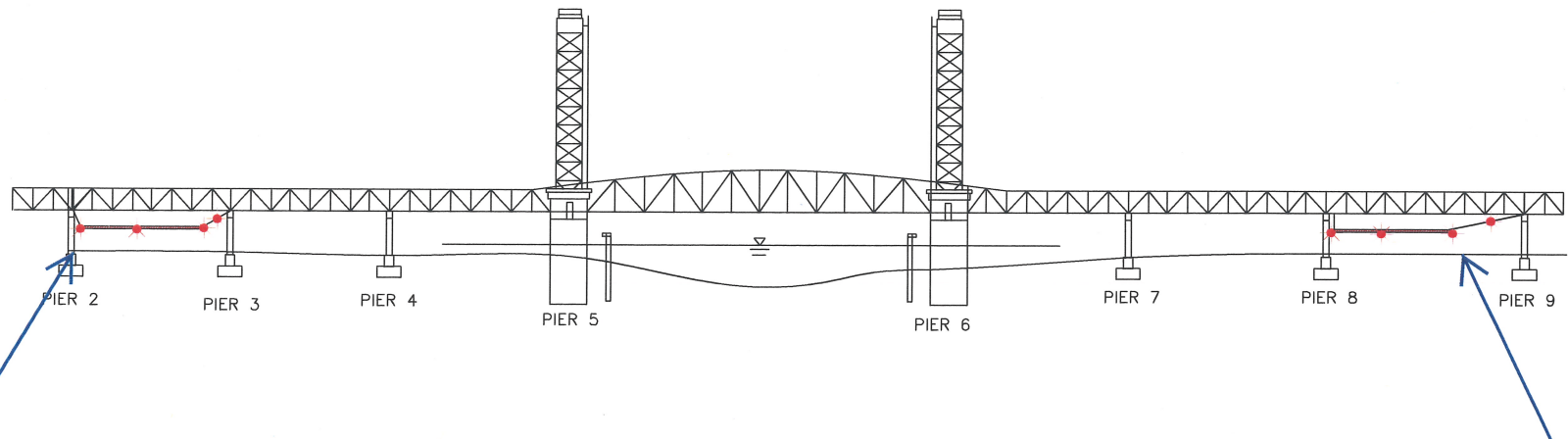


Capital City Bridge, Mile 4.0, American River  
Turbidity Curtain Plan  
Phase 4 Installation



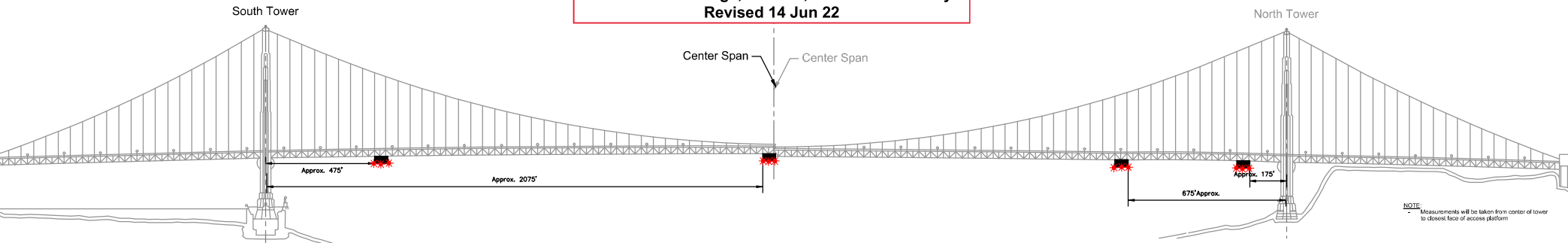
# Temporary Underdeck Platform Lighting

## 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.

**Temporary Access Platforms**  
**Golden Gate Bridge, mile 2.5, San Francisco Bay**  
**Revised 14 Jun 22**



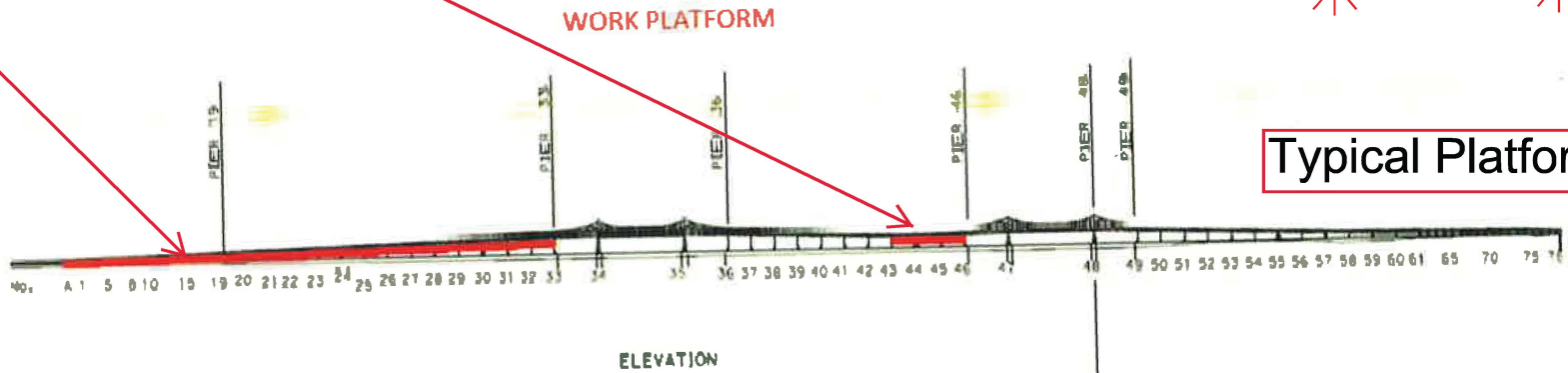
Typical Platform Lighting



Four 54 ft wide temporary platforms are installed in the main span below low steel of the bridge, in relation to centerline of the span; 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 platforms will be lighted at night with steady burning red lights visible at 2,000 yards by approaching vessels.

Painting and Structural Repairs Project  
Richmond-San Rafael Bridge  
Mile 13.0, San Francisco Bay

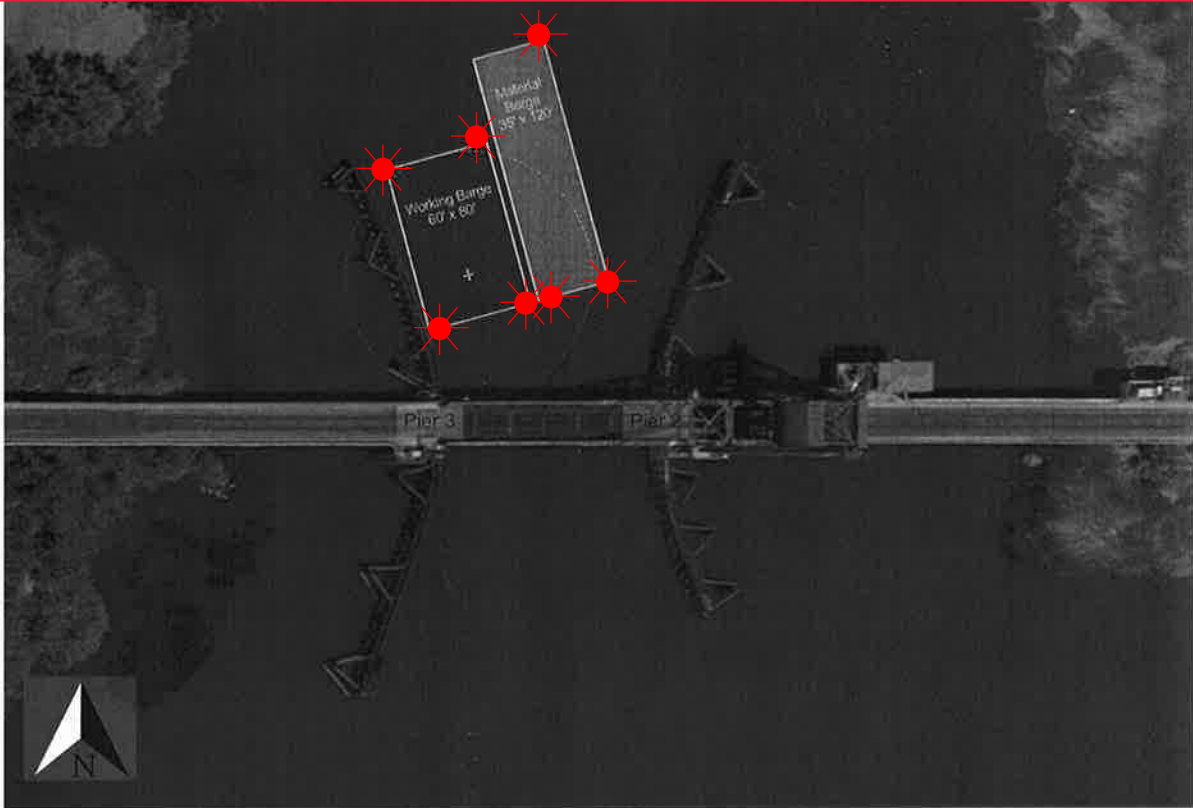
Temporary Underdeck Platforms



Typical Platform Lighting

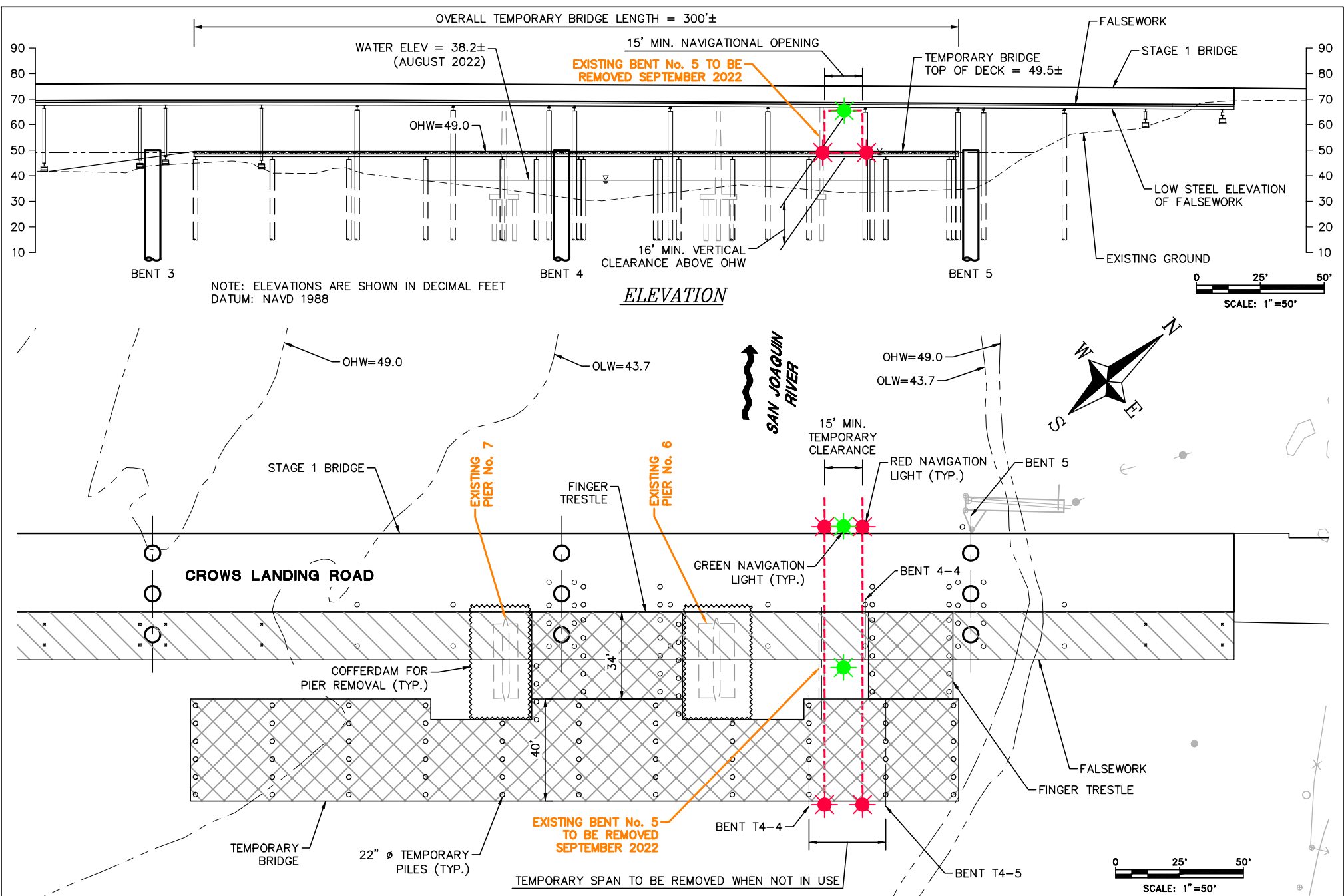
The upstream and downstream lower edges of each temporary platform in each span are lighted at night with steady burning red lights to be seen at 2,000 yards by approaching vessels. Each platform reduces vertical clearance by no more than 3 feet.

Barge Lighting Diagram  
BNSF Rail Bridge, Mile 10.4, Old River



During working hours the barges will be in the main span of the bridge. The barges can be moved for navigational safety upon request with one hour advance notice. After normal working hours the barges will be moored behind the wing-walls of the pier protection system and each corner of each barge will be lighted at night with steady burning red lights.

Enclosure (1)



**Temporary Navigation Lighting-Crows Landing Bridge Replacement Project - San Joaquin River**

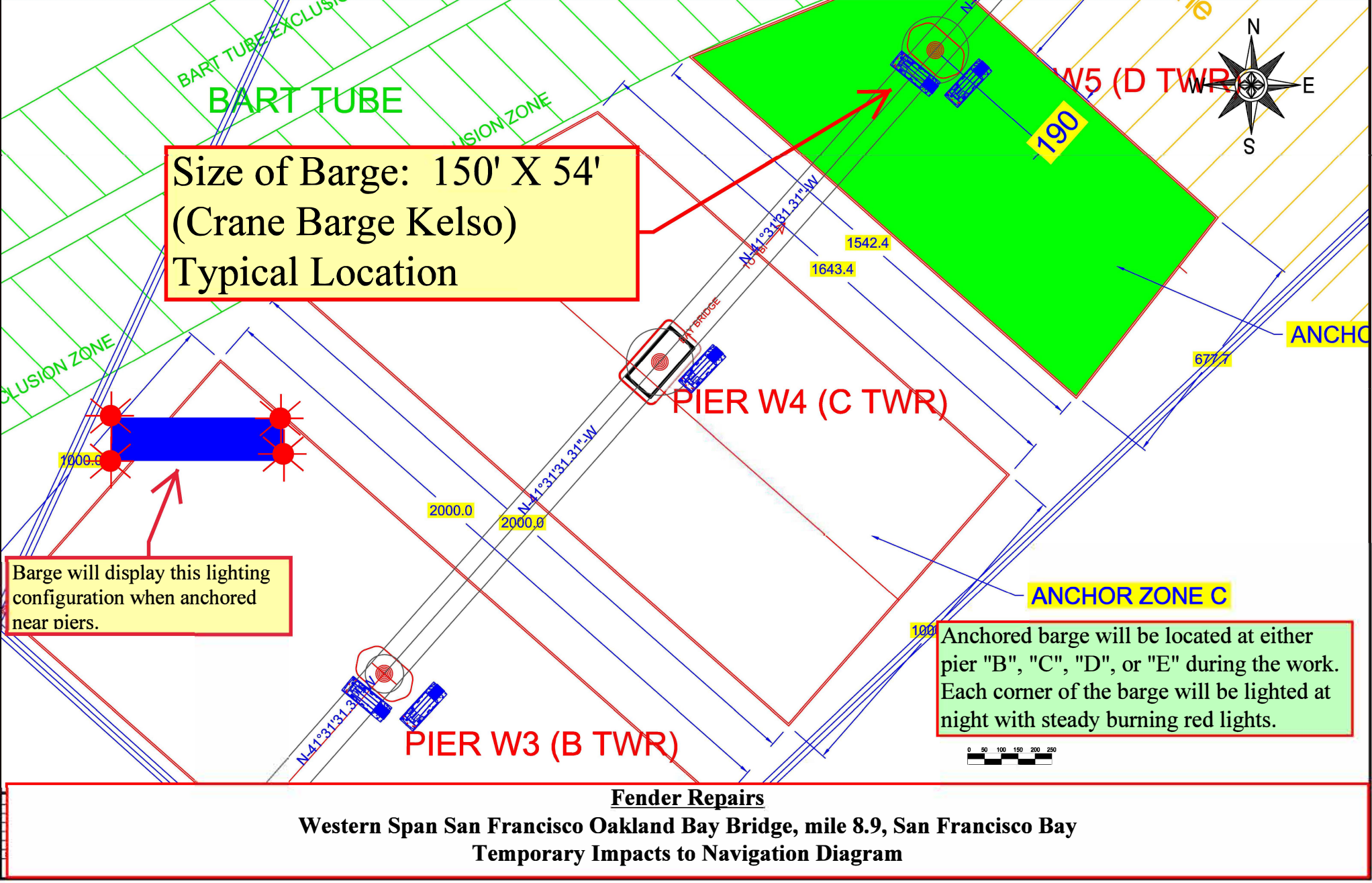
The temporary bridge, the replacement bridge and existing bridge will be lighted at night with two red lights marking the temporary navigation channel. The temporary falsework will be lighted, upriver and downriver, with green lights marking the center of the temporary navigation channel. During construction the temporary navigation channel will provide a horizontal clearance of 15 feet and a vertical clearance at Ordinary High Water of 16 feet.

**Size of Barge: 150' X 54'**  
**(Crane Barge Kelso)**  
**Typical Location**

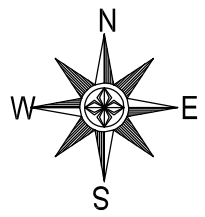
Barge will display this lighting configuration when anchored near piers.

Anchored barge will be located at either pier "B", "C", "D", or "E" during the work. Each corner of the barge will be lighted at night with steady burning red lights.

**Fender Repairs**  
**Western Span San Francisco Oakland Bay Bridge, mile 8.9, San Francisco Bay**  
**Temporary Impacts to Navigation Diagram**



Anchored barge will be located at either pier "B", "C", "D", or "E" during the work. Each corner of the barge will be lighted at night with steady burning red lights.

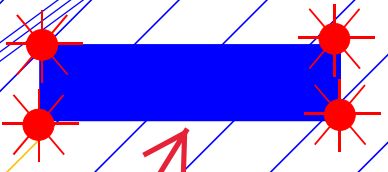


Size of Barge: 150' X 54'  
(Crane Barge Kelso)  
Typical Location

Shipping Lane

ANCHOR ZONE E WEST

ANCHOR ZONE E EAST



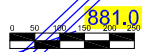
Barge will display this lighting configuration when anchored near piers.

D-E Outbound Shipping Lane  
D-E Inbound Shipping Lane

ANCHOR W6 (E TWR)

285

870

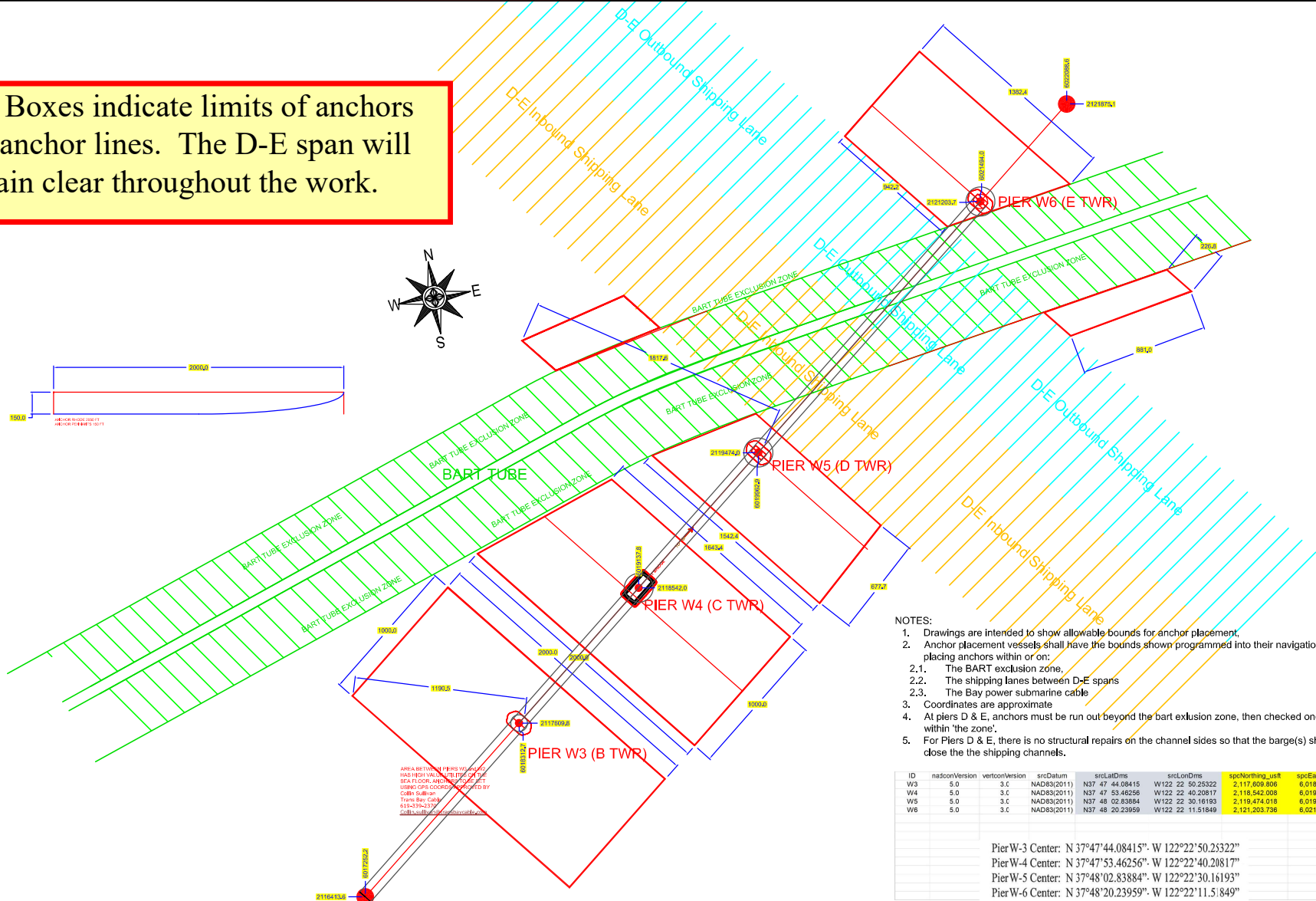
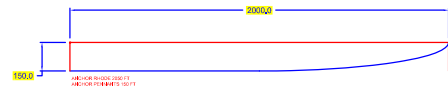


BART TUBE EXCLUSION ZONE

BART TUBE EXCLUSION ZONE

**Fender Repairs**  
**Western Span San Francisco Oakland Bay Bridge, mile 8.9, San Francisco Bay**  
**Temporary Impacts to Navigation Diagram**

Red Boxes indicate limits of anchors and anchor lines. The D-E span will remain clear throughout the work.



**NOTES:**

1. Drawings are intended to show allowable bounds for anchor placement.
2. Anchor placement vessels shall have the bounds shown programmed into their navigation systems in order to avoid placing anchors within or on:
  - 2.1. The BART exclusion zone,
  - 2.2. The shipping lanes between D-E spans
  - 2.3. The Bay power submarine cable
3. Coordinates are approximate
4. At piers D & E, anchors must be run out beyond the bart exclusion zone, then checked once set to ensure that they are not within 'the zone'.
5. For Piers D & E, there is no structural repairs on the channel sides so that the barge(s) should never need to moored close the the shipping channels.

ID	nadsOnVersion	vertconVersion	srcDatum	srcLatOrms	srcLonOrms	srcNorthing_usr1	srcEasting_usr1
W3	5.0	3.C	NAD83(2011)	N37 47 44.08415	W122 22 50.25322	2,117,609,808	6,018,512,651
W4	5.0	3.C	NAD83(2011)	N37 47 53.46256	W122 22 30.20817	2,116,542,008	6,019,137,752
W5	5.0	3.C	NAD83(2011)	N37 48 02.83884	W122 22 30.16193	2,119,474,018	6,019,962,888
W6	5.0	3.C	NAD83(2011)	N37 48 20.23959	W122 22 11.51948	2,121,203,736	6,021,493,997

Pier-W-3 Center: N 37°47'44.08415". W 122°22'50.25322"  
 Pier-W-4 Center: N 37°47'53.46256". W 122°22'40.20817"  
 Pier-W-5 Center: N 37°48'02.83884". W 122°22'30.16193"  
 Pier-W-6 Center: N 37°48'20.23959". W 122°22'11.51849"

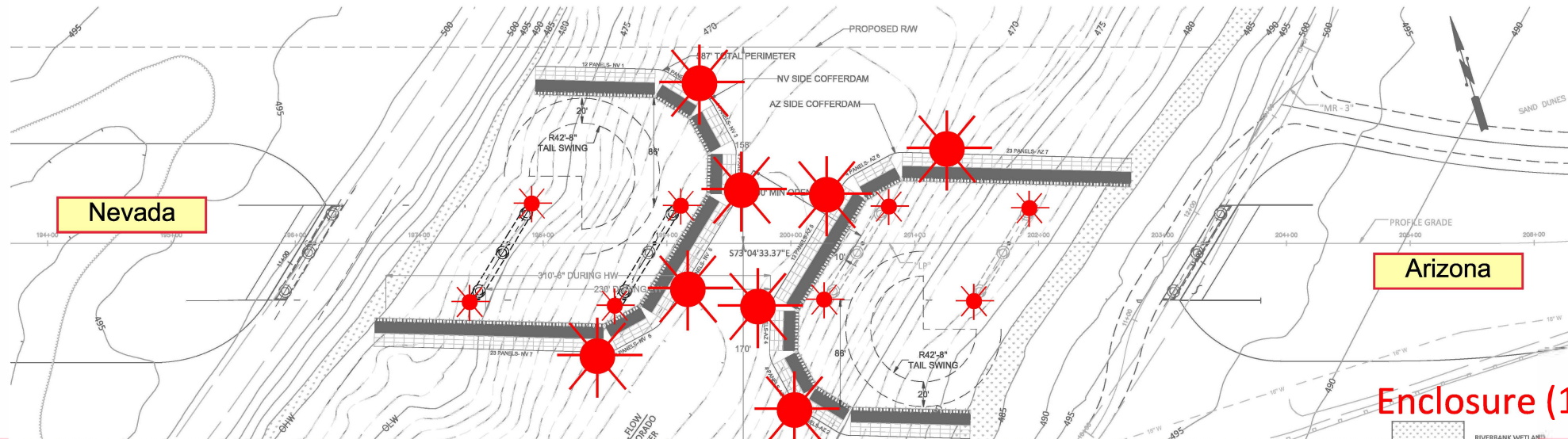
## Fender Repairs

### Western Span San Francisco Oakland Bay Bridge, mile 8.9, San Francisco Bay

### Temporary Impacts to Navigation Diagram



# New Laughlin-Bullhead City Bridge Construction Mile 261.6 over the Colorado River Temporary Cofferdam Lighting



The Arizona (AZ) side cofferdam will be installed during phase one of the project. Once AZ side piers and abutments are completed, the cofferdam will be removed and reinstalled on the Nevada (NV) side. The upriver and down river ends, as well as the channel-ward faces, of the cofferdams will be lit at night with steady burning red lights, visible at 2,000 yards by approaching vessels. At least 70 ft from the channel-ward face of either cofferdam will be available in the center of the river for vessels. After piers are installed, the upriver and downriver ends of each pier will be temporarily lighted with red lights, visible at 2,000 yard by approaching vessels, until permanent lighting can be installed marking the main navigation span.

U.S. Department of  
Homeland Security

United States  
Coast Guard



To: All Mariners

April 22, 2022

The National Oceanic and Atmospheric Administration (NOAA) with support from the United States Coast Guard (USCG) and Environmental Protection Agency (EPA) is issuing a voluntary 10-knot Vessel Speed Reduction (VSR) request that goes into effect May 1 off of San Francisco and southern California; please see the attached charts. Large ships travelling 10 knots give whales more time to move to avoid a strike, reduce the lethality of a strike should one occur, generate less harmful ocean noise and have fewer air emissions. Thus, the goals of these voluntary VSR zones are to reduce the risk of fatal ship strikes to endangered blue, fin, and humpback whales, reduce ocean noise and protect public health adjacent to Greater Farallones, Cordell Bank, Monterey Bay, and Channel Islands national marine sanctuaries. These whale species are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). Any unauthorized take of whales, even if unintentional, by vessels transiting in U.S. waters violates federal statutes.

**The voluntary VSR request will be in effect May 1 to December 15, 2022 for all VSR zones off California, as shown in the attached charts.** Note the expansion of the VSR zone off San Francisco over prior years is designed to reduce ship strike risk in areas of known whale presence and vessel traffic. The season has been extended to account for the presence of whales later in the year.

NOAA, USCG and EPA request that all vessels 300 gross tons (GT) or larger reduce speeds to 10 knots when transiting within the designated VSR zones. We request your cooperation with the voluntary VSR to protect the health of communities living near these zones, and whales that annually migrate to and through these zones. All transits by vessels 300 GRT or larger are analyzed by NOAA via Automatic Information System (AIS) data provided by USCG to assess the industry's cooperation.

NOAA, USCG and EPA are committed to the long-term protection of nationally significant marine resources and public health by enhancing marine safety and environmental awareness in the maritime community. We encourage vessel crews to report whale sightings through the Whale Alert App (<http://www.whalealert.org>). If you have questions please contact Sean Hastings, (805) 705-1790, [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov). NOAA, USCG and EPA commend your commitment to protecting endangered and threatened whales and protecting public health by cooperating with the 10-knot VSR requests and working towards a goal of 100% cooperation in 2022.

Handwritten signature of William J. Douros in blue ink.

William J. Douros, Regional Director  
NOAA Office of National Marine Sanctuaries  
West Coast Region

Handwritten signature of Scott Rumsey in blue ink.

Scott Rumsey, Acting Regional Administrator  
NOAA National Marine Fisheries Service  
West Coast Region

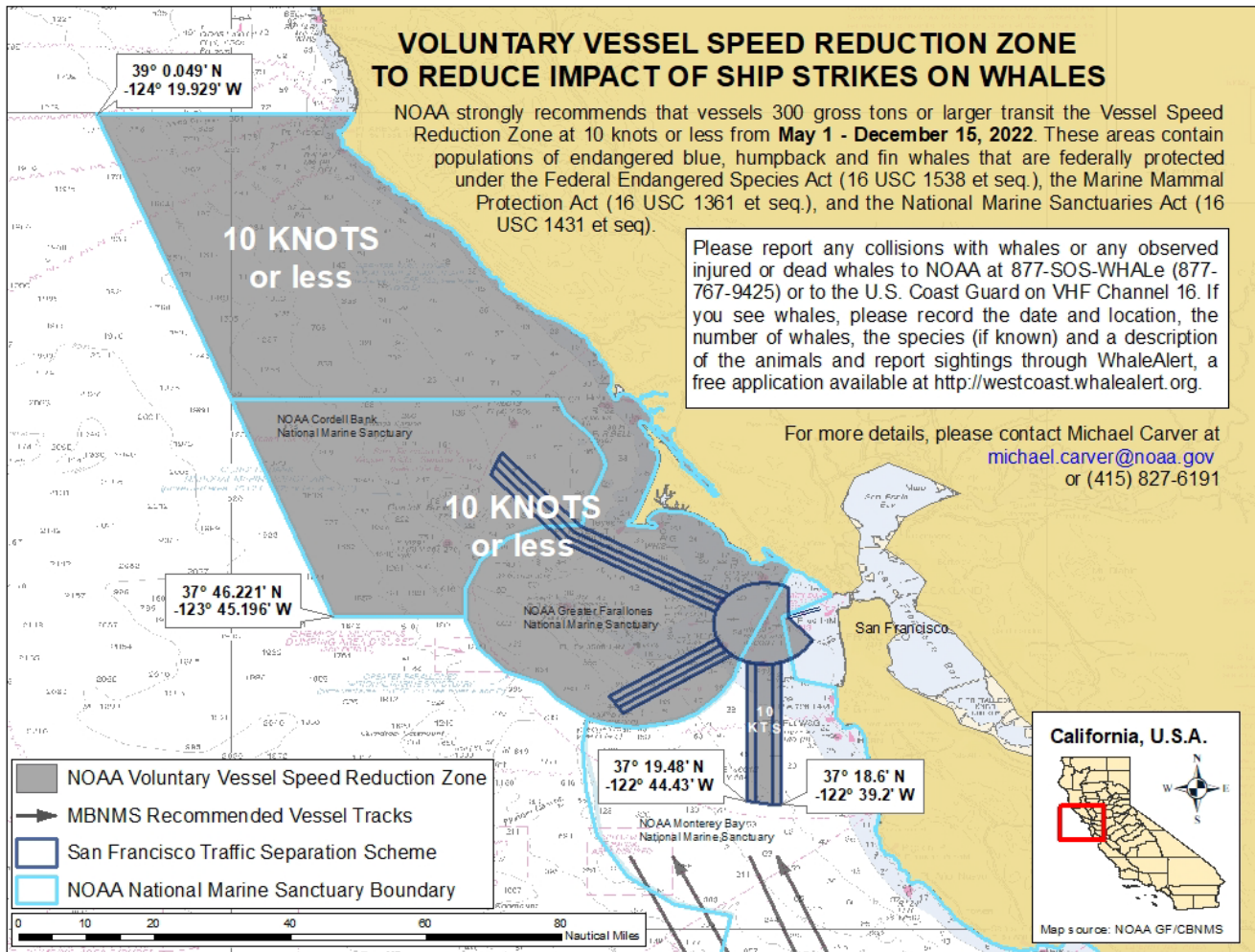
Handwritten signature of Brian K. Penoyer in blue ink.

Brian K. Penoyer, Rear Admiral  
U.S. Coast Guard District Eleven

Handwritten signature of Martha Guzman in blue ink.

Martha Guzman, Regional Administrator  
Environmental Protection Agency Region 9

## 2022 Voluntary Vessel Speed Reduction Zone San Francisco Bay Region

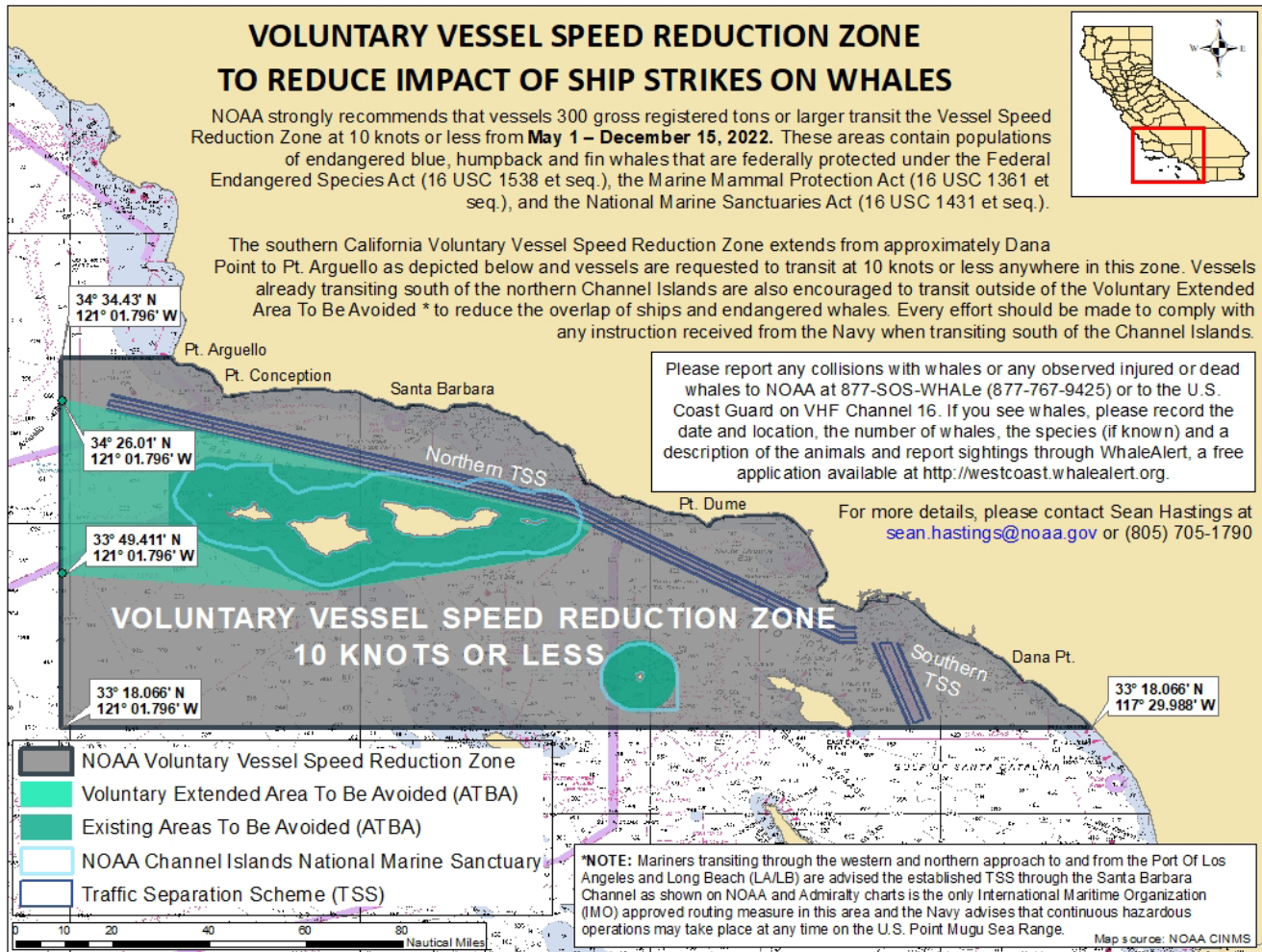


NOAA Chart 18010

*This map is not to be used for navigational purposes*

**13 APRIL 2022**

## 2022 Voluntary Vessel Speed Reduction Zone Southern California

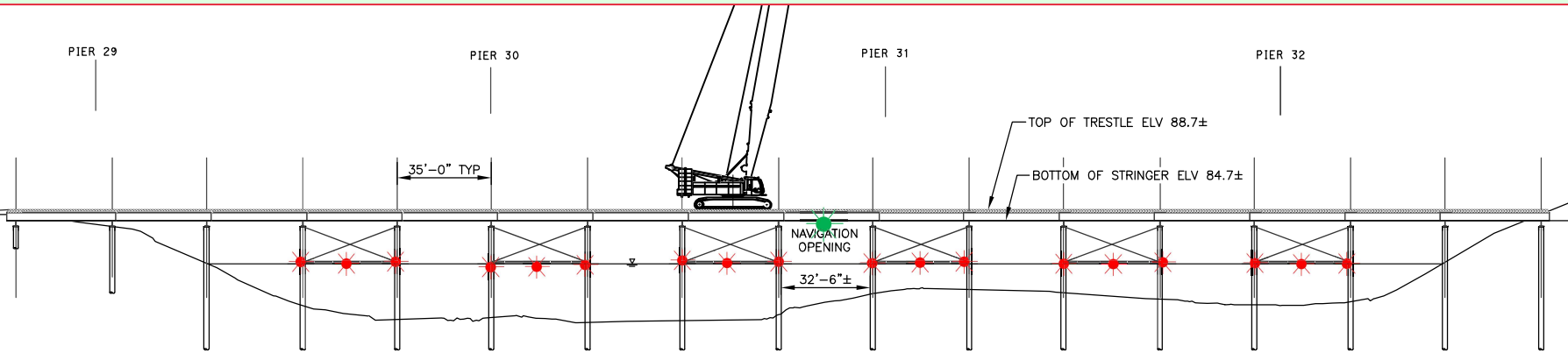


NOAA Chart 18022


Chart not for navigational purposes.

13 APRIL 2022

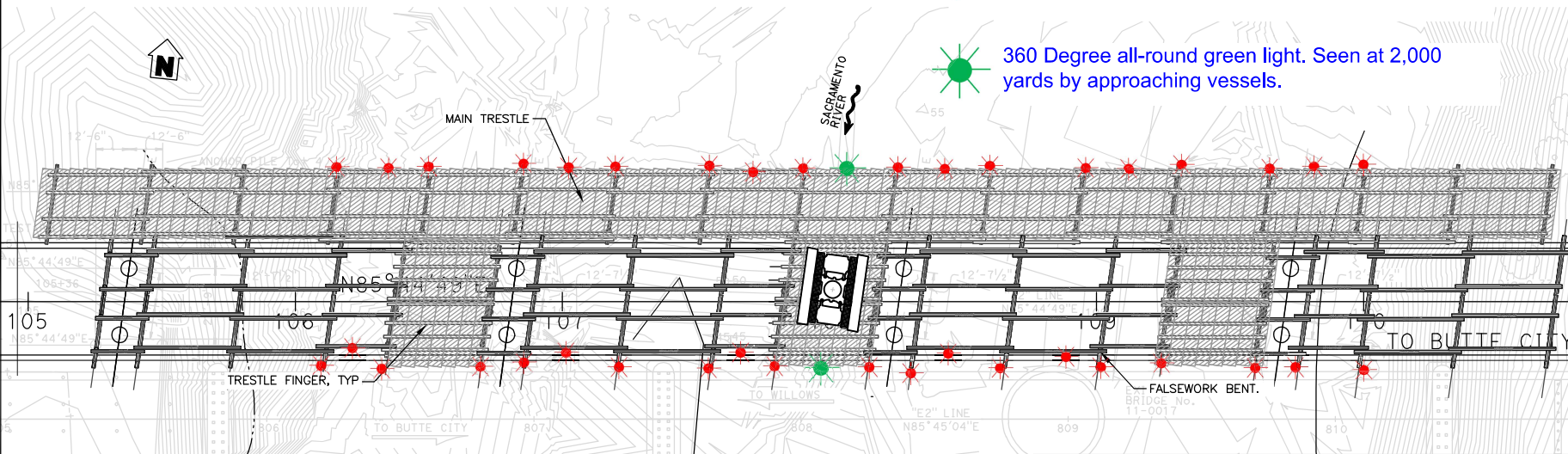
# Butte City Bridge Replacement Project Sacramento River



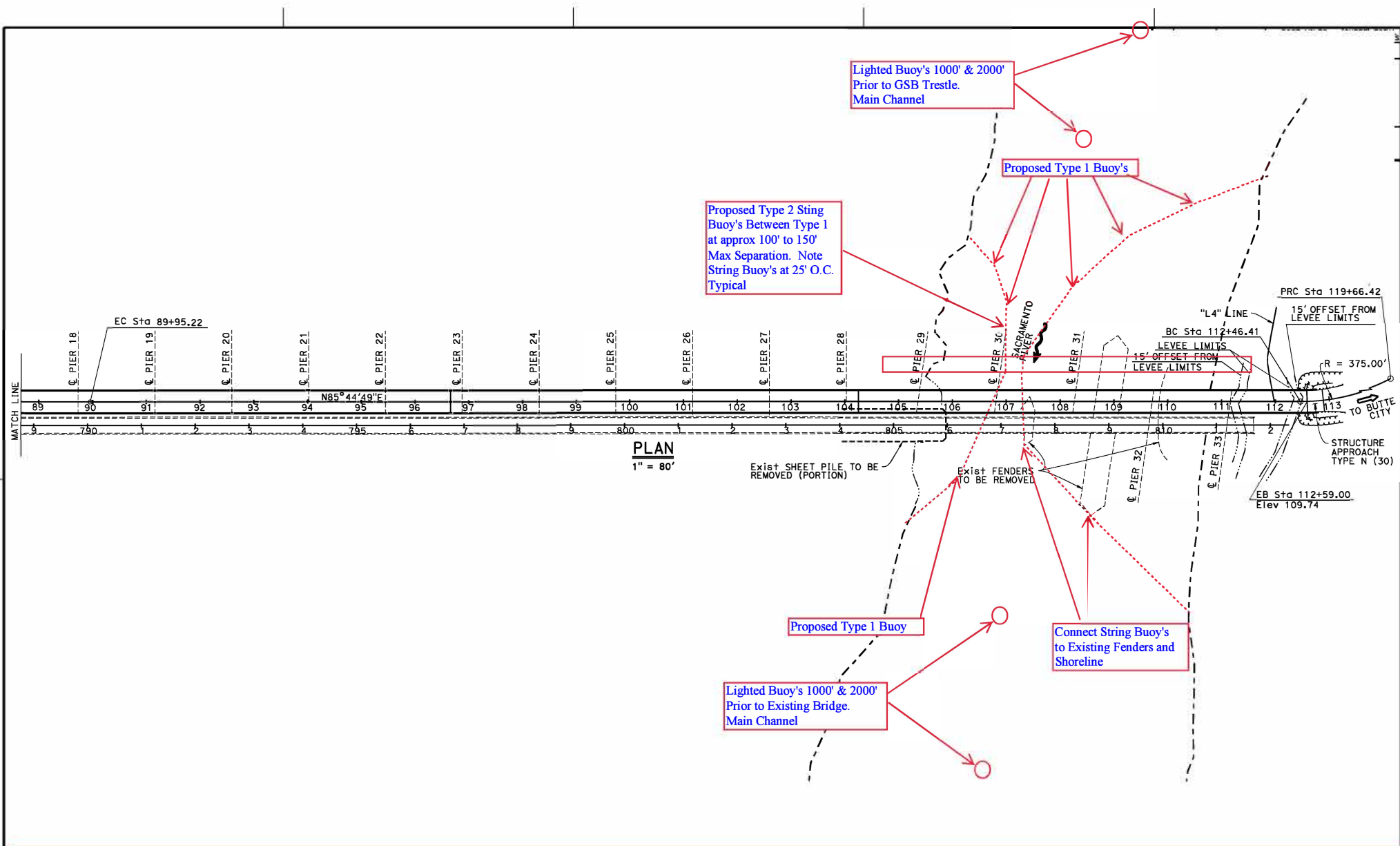
MAIN TRESTLE PROFILE  
SCALE: 1:40

 360 Degree all-round red light. Seen at 2,000 yards by approaching vessels.

 360 Degree all-round green light. Seen at 2,000 yards by approaching vessels.



The upriver and downriver ends of the trestle piles and crossbeams are lighted at night with steady burning red lights. The upriver and downriver low steel of the temporary navigation span, in the center of the river, is lighted at night with steady burning green lights, which identifies the center of the temporary navigation span.



**Butte City Bridge Replacement Project, mile 169.7, Sacramento River  
Proposed Buoy Line During Construction**