U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 28/19

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-0016-19, SF-0081-19, LA-0086-19, and SD-0045-19 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/ or call BM1 Silvestre Suga at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the Delay_Report_11-2017.pdf included in the Enclosures section of this Local Notice to Mariners.

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

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

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.

FEDERAL COMMUNICATIONS COMMISSION ISSUES ENFORCEMENT ADVISORY ON NON-COMPLIANT AIS DEVICES

Automatic identification system (AIS) is designed to mitigate collisions and enhance situational awareness by exchanging real time vessel

navigation information autonomously and continuously. AIS is required to be properly installed, maintained, and used-but foremost, users should ensure they are buying a true AIS and not a knock-off sold on the internet. AIS equipment that is noncompliant and noncertified to adopted international standards can confuse, degrade or even disrupt other users systems; and is illegal to be marketed, sold or used in the in the U.S. On November 28, 2018, the federal communication commission (FCC) issued an enforcement advisory HTTPS://DOCS.FCC.GOV/PUBLIC/ATTACHMENTS/DA-18-1211A1.PDF Re-iterating this to sellers, advertisers, and operators of non-certified automatic identification systems devices like those used for fish net buoys. Violator may be subject to FCC penalties, including but not limited to, substantial monetary fines of up to $19,639 per day for marketing violations and up to $147,290 for an ongoing violation.
Given the potential harm these devices may have on navigation safety and the Coast Guard's interest in all AIS devices being operated and maintained in proper order, the Coast Guard will assist the FCC in enforcement.

U.S. Coast Guard type-approved devices are labeled as such and numbered, either as USCG 165.155.XXXX or 165.156.XXXX. Similarly, they will also be labeled with a FCC type-certification number. A listing of these devices can also be found on their respective authorized equipment web pages, of the USCG CGMIX at HTTPS://CGMIX.USCG.MIL/ And of FCC OET at HTTPS://APPS.FCC.GOV/OETCF/EAS/REPORTS/GENERICSEARCH.CFM.

For more information on AIS, how to properly install and operate it, and the nations AIS network, visit the Coast Guard Navigation Center (NAVCEN) website at WWW.USCG.NAVCEN.GOV.

LNM: 25/19

MARINE SAFETY INFORMATION BULLETIN

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

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

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

Chart 18649

LNM: 45/16

NAVIGATION RISK ASSESSMENT

U.S. Coast Guard is conducting Navigation Safety Risk Assessment on U.S. Army Corps of Engineers Section 10 Permit Application listed as SPL-2016-00880-GS Seal Beach Naval Weapons Station Ammunition Pier, Causeway, and Turning Basin Project, Seal Beach, Orange Country, California. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

The public notice can be found here: https://www.spl.usace.army.mil/Portals/17/docs/publicnotices/SPL-2019-00331-LM_Carnival_PN.pdf?ver=2019-06-28-133609-847

LNM: 27/19

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

NOAA Sanctuaries requests a voluntary Vessel Speed Reduction within the San Francisco Traffic Seperation Scheme (SF TSS) until 15 Nov 19. Vessels 300 gross registered tons or larger transiting the SF TSS (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that 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.), see enclosure VSRMap2019_SF.pdf. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18640 18680

LNM: 17/19

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

NOAA Voluntary Whale Advisory Vessel Speed Reduction Zone to reduce the impact of ship strikes on whales - NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Whale Advisory Zone do so at speeds not in excess of 10 knots. These areas contain populations of endangered blue, humpback, and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.). The NOAA Voluntary Whale Advisory Zone extends from approximately Dana Point to Pt. Arguello and vessels are requested to transit at 10 knots

or less anywhere in this zone, see enclosure VSRMap2019_SC.pdf. Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the 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 NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18700 18720 18740 LNM: 19/19

SOUTHERN CALIFORNIA-SAN NICOLAS ISLAND-GPS SIGNAL OUTAGE

The GPS navigation signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and hand held systems. Systems that rely on GPS, such as E-911, AIS and DSC, may be affected at an approximate testing center point of 33-12-12N 119-33-03W, with a possible impact radius of 176 NM from the center point. This testing is scheduled to be conducted from 16-21 Jul 19. More information is available at the Coast Guard Navigation Center web site WWW.NAVCEN.USCG.GOV. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling 703-313-5900 or by using the NAVCEN web site to submit a GPS Problem Report. For additional information, you may contact the Navigation Information Service (NIS) watch stander at 703-313-5900.

LNM: 28/19

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	ADRIFT	18022	SD-0039-18	52/16	
5	Point Loma Light	REDUCED INT	18773	SD-0100-17	36/17	
275	NOAA Environmental Lighted Buoy 46028	OFF STA	18700	SF-0194-17	36/17	
365	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
370	Point Bonita Light	LT EXT	18649	SF-0076-19	24/19	
380	Noonday Rock Lighted Bell Buoy 28	MISSING	18645	SF-0161-18	44/18	
562	NOAA Environmental Lighted Buoy 46027	MISSING	18603	HB-0008-19	17/19	
2295	Oceanside Breakwater Light 1	DAYMK MISSING	18758	SD-0020-19	16/19	
2300	Oceanside Junction Lighted Buoy	MISSING	18758	SD-0026-19	18/19	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2641	Isthmus Cove Harbor Reefs Light	STRUCT DEST/TRLB	18757	LA-0094-18	29/18	
3595	Port Hueneme Entrance Lighted Whistle Buoy PH	OFF STA	18724	LA-0042-19	14/19	
4220	Point Bonita Light	LT EXT	18649	SF-0076-19	24/19	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
4645	Oakland Outer Harbor Light 7	STRUCT DMGD/TRLB	18650	SF-0089-18	23/18	
4650	Oakland Outer Harbor Light 9	MISSING/TRLB	18650	SF-0058-18	26/18	
5180	Redwood Creek Entrance Light 2	STRUCT DEST/TRLB	18651	SF-0153-15	34/15	
5240	Redwood Creek Light 13	STRUCT DMGD/TRLB	18651	SF-0201-17	41/17	
5700	**Richmond Harbor Channel Lighted Buoy 6**	**LT IMCH**	**18650**	**SF-0081-19**	**28/19**	
5910	San Pablo Bay Channel Lighted Buoy 9	SINKING	18654	SF-0069-19	20/19	
6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14	
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036-17	05/17	
6785	San Joaquin River Light 30	MISSING/TRLB	18660	SF-0018-19	05/19	
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-19	23/19	
7170	Sacramento River Deep Water Ship Channel Light 1	LT EXT/TRLB	18659	SF-0078-19	25/19	
7240	Sacramento River Deep Water Ship Channel Light 16	MISSING/STRUCT DMGD/TRLB	18660	SF-0127-18	34/18	

7385	Sacramento River Deep Water Ship Channel Light 45	OFF STA	18661	SF-0054-19	15/19
7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17
7780	Bodega Harbor Channel Light 2	STRUCT DMGD	18643	SF-0184-17	34/17
7795	Bodega Bay Harbor Light 4	MISSING/TRLB	18643	SF-0193-18	52/18
7865	Bodega Harbor Channel Daybeacon 18	STRUCT DMGD/TRUB	18643	SF-0256-17	50/17
7885	Bodega Harbor Channel Daybeacon 22	STRUCT DEST/TRUB	18643	SF-0069-12	01/13
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
8080	Albion River Light 1	SS INOP	18628	HB-0016-19	27/19
8105	Noyo River Directional Light	LT EXT	18626	HB-0010-19	21/19
8170	Humboldt Bay Entrance Range Rear Light	LT EXT	18622	HB-0015-19	25/19
8195	Humboldt Bay Lighted Buoy 9	MISSING	18622	HB-0016-18	50/18
8320	Hookton Channel Light 8	STRUCT DEST/TRLB	18622	HB-0036-14	47/14
8386	Crescent City Harbor Light 9	STRUCT DMGD/TRLB	18603	HB-0002-18	05/18
8410	Lake Tahoe Buoy A	SINKING	18665	SF-0077-19	25/19

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2450	Newport Bay Channel Light 5	WATCHING PROPERLY	18754	LA-0085-19	27/19	28/19
2641	Isthmus Cove Harbor Reefs Light	WATCHING PROPERLY	18757	LA-0086-19	28/19	28/19
4606	Oakland Harbor Bar Channel Lighted Buoy 2	WATCHING PROPERLY	18650	SF-0080-19	28/19	28/19
7415	Sacramento River Deep Water Ship Channel Light 50	WATCHING PROPERLY	18661	SF-0054-19	15/19	28/19

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20	Ocean Beach Pier Fog Sound Signal	SS INOP	18765	SD-0002-19	05/19	
158	Scripps Waverider Lighted Research Buoy 092	OFF STA	18746		45/18	
1765	Harbor Island East Basin Channel Buoy 2	OFF STA	18773	SD-0028-19	19/19	
1790	Harbor Island East Basin Channel Buoy 10	OFF STA	18773	SD-0044-19	27/19	
1900	Glorietta Bay Channel Lighted Buoy 8	LT IMCH	18773		50/18	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
3339.2	REDONDO HARBOR LIGHT	LT EXT	18744	LA-0181-18	52/18	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	
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	
5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT/RAC INOP	18653	SF-0026-19	07/19	
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING	18653		36/18	
6623	New York Slough Koch West Light	LT IMCH	18659		39/18	
6624	New York Slough Koch East Light	LT EXT	18659		39/18	
6645.5	Delta Diablo Outfall Lighted Buoy	BUOY DMGD	18659		39/18	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
8185	Humboldt Bay Lighted Bell Buoy 7	RELOCATED FOR DREDGING	18622		20/19	
8200	Humboldt Bay Lighted Buoy 10	RELOCATED FOR DREDGING	18622		20/19	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

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

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Main Panel 2245 NEW YORK HARBOR

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

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

18645 28th Ed. 01-MAY-13 Last LNM: 05/17 NAD 83 28/19

ChartTitle: **Gulf of the Farallones;Southeast Farallon**

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

DELETE	Note - G; MAIN SHIP CHANNEL SAN FRANCISCO ENTRANCE (NOS NW-30717)	NOS 37-42-26.430N	122-27-14.790W
CHANGE	Channel reach label:; SAN FRANCISCO MAIN SHIP CHANNEL PROJECT	NOS 37-46-24.340N	122-36-32.350W

	DEPTH 55 FEET (see note) (NOS NW-30717)			
ADD	Note - PROJECT DEPTHS; Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro (NOS NW-30717)	NOS 37-42-26.430N	122-27-14.790W	

18649 **68th Ed.** **01-JUN-13** **Last LNM: 14/19** **NAD 83** **28/19**

ChartTitle: **Entrance to San Francisco Bay**

Main Panel 1823 SAN FRANCISCO ENTRANCE. Page/Side: N/A

DELETE	Tabulation - San Francisco Bay; Tabulation - San Francisco Bay (NOS NW-30717)	NOS 37-54-28.000N	122-36-25.000W	
CHANGE	Channel reach label:; SAN FRANCISCO MAIN SHIP CHANNEL PROJECT DEPTH 55 FEET (see note) (NOS NW-30717)	NOS 37-46-24.340N	122-36-32.350W	

18651 **45th Ed.** **01-DEC-13** **Last LNM: 42/18** **NAD 83** **28/19**

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

Inset 1827 REDWOOD CREEK. Page/Side: N/A

DELETE	channel reach separator. AA PT 1 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-31-17.330N	122-12-21.110W	
DELETE	channel reach separator. AA PT 2 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-31-15.300N	122-12-18.240W	
DELETE	channel reach separator. Y PT 1 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-32-00.580N	122-11-37.250W	
DELETE	channel reach separator. Y PT 2 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-31-59.780N	122-11-32.860W	
DELETE	channel reach separator. Z PT 1 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-31-03.710N	122-12-28.960W	
DELETE	channel reach separator. Z PT 2 OF 2; channel reach separator. (NOS NW-30723)	NOS 37-31-03.170N	122-12-23.950W	
ADD	Channel reach label:; REDWOOD CITY HARBOR PROJECT DEPTH 30 FEET (see note) (NOS NW-30723)	NOS 37-30-40.390N	122-12-43.510W	
ADD	Channel reach label:; REDWOOD CITY HARBOR PROJECT DEPTH 30 FEET (see note) (NOS NW-30723)	NOS 37-32-23.660N	122-11-36.710W	

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

DELETE	Redwood City Harbor Channel Depths; Redwood City Harbor Channel Depths (NOS NW-30723)	NOS 37-30-00.000N	122-17-00.000W	
ADD	Note - PROJECT DEPTHS; Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro (NOS NW-30723)	NOS 37-29-52.090N	122-17-10.740W	

18700 **23rd Ed.** **01-SEP-13** **Last LNM: 12/10** **NAD 83** **28/19**

ChartTitle: **Point Conception to Point Sur**

Main Panel 1876 POINT CONCEPTION TO POINT SUR. Page/Side: N/A

ADD	Add "Rock".	CGD11 35-09-00.600N	120-40-36.000W	

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)	Project Date	Ref. LNM
None		

Advance Notice(s)

NORTHERN AND SOUTHERN CALIFORNIA-DGPS DISCONTINUANCE

In accordance with the DGPS Discontinuance FRN, the termination of the DGPS signals at Cape Mendocino, CA, Lincoln, CA, and Point Loma, CA will cease 30 Aug 19. For more details or comments contact LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18620 18765 LNM: 27/19

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

None

SECTION VII - GENERAL

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

ARIZONA-BULLHEAD CITY-COLORADO RIVER-DAVIS DAM

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

LNM: 16/18

COLORADO RIVER-BRIDGE

ANGES WILSON BRIDGE-The upriver, north side, center pier red light is extinguished. Estimated time of repair, unknown Mariners are requested to transit the areas with caution. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

LNM: 28/19

LOS ANGELES-BUOY DEPLOYMENT

The Sanitation Districts of Los Angeles County will deploy two moorings located on the Palos Verdes Shelf at 33-46-04N 118-25-59W and 33-42-43N 118-20-01W until 01 Aug 19. The moorings have a surface buoy system that consists of a 6' spar approximately 2" in diameter with wraps of SOLAS reflective marine tape and a fluorescent orange radar reflector mounted at the top. Mariners are requested to transit the area with caution. For more details or comments contact Terra C. Petry at 310-830-2400.

Chart 18746 LNM: 19/19

NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS

NOAA has deployed two research moorings in the following positions:
38-03-03N 123-27-24W
34-03-24N 123-29-09W
These are orange mooring buoys that have a flat surface float, flagpole, flag, and radar reflector. R/V MUSSEL POINT will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Danielle Lipski at 415-464-5264.

Charts: 18010 18645 LNM: 52/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

BON AIR RD BRIDGE REPLACEMENT-Construction of the replacement bridge is in progress. A temporary work trestle spans the channel and provides 20' of horizontal clearance, pile to pile, and 3' of vertical clearance from mean high water to the lowest hittable portion of the trestle (see BonAirRd_Trestle.pdf at the end of this notice for navigation channel location). Four cofferdams have been placed within the creek to facilitate

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

construction of the replacement bridge piers. Work will be conducted Monday through Saturday from 0700-1800. Mariners are requested to transit the area with caution. For conditions at the construction site, mariners can contact the contractor at 925-953-4610/916-919-2428 or the city at 415-259-7050. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 41/18

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

NEW WOODWARD ISLAND BRIDGE CONSTRUCTION- Construction of the replacement bridge continues. All bridge piers have been installed, falsework has been installed to facilitate the installation of the bridge deck. Installation of the removable span, piece by piece, is in progress. Work is being conducted Monday through Saturday, 0700-2000. One spudded 45' x 200' material barge, one spudded 60' x 160' 230-ton crawler crane barge, the LINDA T work boat and several skiffs will be located at various locations during the erection of the removable span portion of the work. The crane barge and LINDA T will be monitoring VHF-FM Chan. 09, 16 and 80A and can be moved for navigational safety if 4.5 hours notification is given to the contractor. After the workday, the barges will be left on-site. The upstream and downstream corners of each barge will be lighted at night with steady burning red lights. Each bridge column has been temporarily marked, upstream and downstream, with steady burning red lights. An 80' wide navigational channel, marked by lighted channel buoys, will be available for vessel passage. (See WoodwardConstruction_Lighting.pdf at the end of this notice for the construction lighting configuration). For more detailsor comments contact the contractor at 415-686-3938 or the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 19/19

NORTHERN CALIFORNIA-DELTA & RIVERS-MINER SLOUGH-BRIDGE

MINER SLOUGH BRIDGE-Large amounts of debris is built up on the bridge piers,creating an obstruction to navigation at the bridge. Mariners are requested to transit the area with caution. Plans are being developed to remove the debris. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662 LNM: 14/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE PIER PROTECTION REPLACEMENT PROJECT-Caltrans contractor, Golden State Bridge, has begun in-water work replacing the pier protection at the bridge. Work at the east pier will take place seven days a week, 0700 to 1900 through 31 Oct 19. An 80' X 60' X 7' crane barge and an 80' X 40' X 7' excavator barge will be spudded down just inboard of the east pier during the work day leaving 109' of horizontal clearance in the drawspan for vessels. For the safety of navigation, the barge can be moved with a 2-hour advance notice to the Tug SS Piper via VHF-FM Chan. 16. After normal working hours the barges will be moved and spudded down outboard of the east pier, outside the bridge's drawspan. To report a breakaway barge contact 925-726-7085. The barges will be lighted at night with steady burning all-round red lights (see Tower_Fender_Barge_Lighting.pdf in the enclosure section of this notice). At no time during the work will the operation of the drawspan be impeded. For conditions at the work site contact Caltrans at 530-822-5182. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662 LNM: 28/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RIO VISTA DRAWBRIDGE-Temporary platforms under the bridge deck, from the east tower to the east levee, reduces vertical clearance in each span by 4'. The upstream and downstream lower edges of the platforms are lighted at night with steady burning red lights (See RioPlatform_Lighting.pdf at the end of this notice for platform lighting diagram). The temporary platforms will be removed before work in the lift span begins.

A temporary change in the drawspan operation schedule will be in place from 15 Jul 19 through 10 Jan 20. Separate temporary operating schedules for Commercial and Recreational vessels are as follows. The proposed temporary operating schedule changes are as follows:

For "COMMERCIAL VESSELS" the draw shall open on signal from midnight on Monday through 0700 on Saturday if at least a 4-hour notification is given to the bridge tender. The draw shall open on signal from 0700 on Saturday through 2359 on Sunday when notice is given to the bridge tender.

For "RECREATIONAL VESSELS", Monday through Friday, 0700 to 1530, the draw need not open for the passage of recreational vessels except between 1100 and noon when the draw shall open on signal when notice is given to the bridge tender. The draw shall open on signal, Monday through Friday, 1530 to 0700 the following morning, if at least a 4-hour notification is given to the bridge tender. The draw shall open on signal from 0700 on Saturday though 2359 on Sunday when notice is given to the bridge tender.

During the lift span work, two 33 ft temporary below deck platforms will be installed one at each end of the lift span. As the work progresses, the temporary platforms will be moved towards the centerline of the lift span until they meet in the center. Each platform reduces vertical clearance of the lift span by 4 ft. The upstream and downstream lower edges of the temporary platforms will be lighted at night with steady burning red lights. (See RV_Temp_Platform_Lighting.pdf at the end of this notice for main span below deck temporary platforms.)

For conditions at the bridge, mariners can contact Caltrans at 925-323-8186 or the contractor at 707-688-2738 or the Bridge Operator at 707-374-2134. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 18/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

PIONEER BRIDGE-Caltrans' contractor has moored two 130' X 80' barges just upstream on the northwest (West Sacramento riverbank) side of the bridge at a staging area for supplies for the July 2019 fender replacement project at the Tower Drawbridge (See Pioneer_Barge_Mooring.pdf in the enclosure section of this notice). The outboard corners of the barges will be lighted at night with steady burning white lights so as to be seen by approaching vessels at 2,000 yds. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Chart 18662 LNM: 28/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

PAINTERSVILLE DRAWBRIDGE-Large amounts of debris is built up on the upstream piers, creating an obstruction to navigation at the bridge. Mariners are urged to transit the bridge with caution. Removal of debris is in progress. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662 LNM: 13/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

"I" STREET RAILROAD/HIGHWAY BRIDGE-The downstream swing span pier protection red light is extinguished. The swing span alternate red/green lights are showing both colors in closed position. Estimated time of repair is unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662 LNM: 11/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

ELKHORN FERRY (I-5) BRIDGE-The upstream clearance gauge is missing. Debris is built up against the northwest dolphin. Estimated time to resolve discrepancies is unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18664 LNM: 13/19

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

REPLACEMENT NAVY DR BRIDGE CONSTRUCTION-Construction of the replacement bridge is in progress. Work is conducted Monday through Saturday from 0600 to 1900. Two lanes of the replacement bridge are in place and spans the river. The vertical clearance of the replacement span is greater than the vertical clearance of the existing downstream railroad drawbridge. A north side temporary trestle is in place and provides 33' of horizontal clearance for vessels from the end of the trestle to the southern levee of the river. The depth of water in the temporary channel is approximately 6' at mean high water. The upstream and downstream edges of the trestles, bridge piers, and remaining existing swing span fender will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels. (see Navy_Dr_Lighting.pdf in the enclosure section of this notice). For conditions at the bridge, mariners can contact the contractor at 925-200-9175 or 760-846-5842. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 35/18

NORTHERN CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE

MCHENRY RD BRIDGE REPLACEMENT-Construction on the replacement bridge continues. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

LNM: 35/18

NORTHERN CALIFORNIA-DELTA & RIVERS-STEAMBOAT SLOUGH-BRIDGE

STEAMBOAT SLOUGH BRIDGE-Debris has built up on the northeast dolphins. Mariners are requested to transit the bridge with caution. Estimated time of debris removal is unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18662 LNM: 11/19

NORTHERN CALIFORNIA-ELKHORN SLOUGH-BRIDGE

AVAILABILITY OF PUBLIC NOTICE-All interested parties are notified that an application, dated April 30, 2019, has been received from the County of Monterey by the Commander, Eleventh Coast Guard District for approval of location and plans for the construction of a new fixed bicycle/pedestrian bridge over a navigable waterway of the United States. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. A Coast Guard Bridge Permit will be required for this project.

WATERWAY AND LOCATION: Elkhorn Slough, mile 0.0, at Moss Landing, Monterey County, California. Position: 36.809893, -121.784797

Public Notice (11-151), dated June 27, 2019, is being published on the Coast Guard Navigation Website. The public notice contains a detailed description of the proposed new bridge project and includes location maps and bridge drawings with navigational clearances. Interested parties may access Active Public Notices for Bridge Projects for the Eleventh Coast Guard District at the following web site https://www.navcen.uscg.gov/D11BN. The public notice may also be obtained by calling the Eleventh Coast Guard District Bridge Office at (510) 437-3515, by writing to Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg 50-2, Alameda, CA 94501-5100, by email request at Rachel.C.Zamora@uscg.mil, or by facsimile request at (510) 437-5836.

Mariners are requested to comment on the proposed bridge replacement project and navigational safety issues. Interested parties are requested to express their views in writing. Comments will be received for the record at the address given in Public Notice (11-151) through July 27, 2019.

Chart 18685 LNM: 26/19

NORTHERN CALIFORNIA-HUMBOLDT BAY-AID DISCREPANCY

Humboldt Bay Lighted Buoy 9 (LLNR 8195) is currently off-station and a Synthetic AIS has been established. Mariners are requested to transit the area with caution, avoiding the charted reef. For more details or comments contact LT Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18622 LNM: 51/18

NORTHERN CALIFORNIA-HUMBOLDT BAY-DREDGE OPERATIONS

NORTHERN CALIFORNIA-HUMBOLDT BAY-DREDGE OPERATIONS

Manson Construction is conducting dredge operations in Humboldt Bay, CA until 17 Jul 19. During dredge operations the following aids will be temporarily relocated to the following positions:
Humboldt Bay Lighted Buoy 10 (LLNR 8200) 40-45-48N 124-12-56W
Humboldt Bay Lighted Bell Buoy 7 (LLNR 8185) 40-46-11N 124-12.44W
Dredge operations will be conducted by dredge BAYPORT. All vessels will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Mason Sherman at 904-627-4043.

Chart 18622 LNM: 20/19

NORTHERN CALIFORNIA-HUMBOLDT BAY-DREDGE OPERATIONS

Manson Construction is conducting dredge operations at the Humboldt Bay, CA entrance channel 24hrs per day 7 days a week until 10 Jul 19. M/V Bayport and M/V EAGLET will be conducting operations and will monitor VHF-FM Chan. 13, 16 and 66. Mariners are requested to transit the area with caution. For more details or comments contact Mason Sherman at 904-627-4043.

Chart 18622 LNM: 22/19

NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARDOUS CONDITIONS

Humboldt Bay entrance is observing a reduced deep draft limit to 34' based on a +6' tide until maintenance dredging can be performed. Hazardous conditions with breaking surf and heavy shoaling have been observed in the vicinity of Humboldt Bay Lighted Buoy 09 (LLNR8195). Mariners are requested to transit the area with caution and contact U. S. Coast Guard Sector Humboldt Bay on VHF-FM Chan. 16 for assistance. For more details or comments contact U.S. Coast Guard Sector Humboldt Bay at 707-839-6113.

Chart 18622 LNM: 50/18

NORTHERN CALIFORNIA-ISLAIS CREEK-BRIDGE

THIRD STREET DRAWBRIDGE-A 60' X 60' crane barge will be spudded down just west of the bridge on either the north shore or the south shore and may partially obstruct the navigational clearances of the bridge (See Islais_Creek_Barge_Location.pdf). In-water work is taking place Monday through Friday 0600-1430 through 30 Sep 19. For on-site information mariners can contact the contractor at 510-773-4485.

Chart 18649 LNM: 27/19

NORTHERN CALIFORNIA-MARINA BASIN-DREDGE OPERATIONS

Salt River Construction Company is conducting dredge operations at the Belvedere Land Company Marina Basin and San Francisco Yacht Club, County of Marin in position 37-52-20N 122-27-39W until 30 Aug 19. The self-contained dredge/dump barges DB2, DB4, tugs BRANDY BAR and HAYDEN BAY will be on the scene 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 Mosley at 415-435-1024.

Chart 18649 LNM: 23/19

NORTHERN CALIFORNIA-MONTEREY BAY-SANTA CRUZ HARBOR-BRIDGE

RAILROAD BRIDGE/MURRAY-EATON BRIDGE-The fender systems on both bridges are damaged. Estimated time of repair unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18685 LNM: 06/18

NORTHERN CALIFORNIA-MOSS LANDING-WAVEGLIDER DATA COLLECTION

Monterey Bay Aquarium Research Institute (MBARI) is conducting 24/7 autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 31 Dec 19. Vehicles will be deployed in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-12N 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 6.5' 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@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Chart 18685 LNM: 52/18

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

BLACKPOINT RAILROAD DRAWBRIDGE-The upstream fender system protecting the swing span has been destroyed and does not offer protection for vessels or the bridge. Mariners are urged to use caution while transiting the bridge.

BLACKPOINT HIGHWAY 37 BRIDGE-The fenders channelward side of the western pier are damaged. Estimated time of repair unknown.

For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18654 LNM: 10/18

NORTHERN CALIFORNIA-PINOLE SHOAL-SHOALING

Pinole Shoal is observing a reduced deep draft on the south side edge of the channel in limited areas to 32.9' until maintenance dredging can be performed. For detail information on depths and locations please see https://www.spn.usace.army.mil/Missions/Surveys-Studies-Strategy/Hydro-Survey/Pinole-Shoals-Channel/ for the Army Corp Hydro Survey. Mariners are requested to transit the area with caution. For more details or comments contact LT Marcia Medina at 510-437-2978 or Marcia.a.medina@uscg.mil.

Charts: 18654 18655 LNM: 05/19

NORTHERN CALIFORNIA-REDWOOD CITY-AIR OPERATIONS

NORTHERN CALIFORNIA-REDWOOD CITY-AIR OPERATIONS

Kitty Hawk Corporation will conduct lightweight electric hovering vehicle air operations near the east Point of Westpoint Harbor in Redwood City, CA at 37-30-53N 122-11-35W, Tuesday through Friday from 0800-1500 until 30 Aug 19. The hovering vehicle will yield to all marine traffic. Mariners are requested to transit the area with caution. For more details or comments contact Cam Robertson at 650-964-4570.

Chart 18651 LNM: 28/19

NORTHERN CALIFORNIA-RIO VISTA-MARINE CONSTRUCTION

Dutra Construction Company is conducting marine construction at the Cache Slough Ferry Ramp in Rio Vista, CA at 38-11-13N 121-39-39W, 24 hours a day 7 days a week until 15 Oct 19. Tug BECKY T along with crane barge MORTY will be on scene monitoring VHF-FM Chan. 09 and 16. During operations a temporary anchorage will be located at 38-11-12N 121-39-38W. Mariners are requested to transit the area with caution. For more details or comments contact Todd Bruce at 707-974-9937.

Chart 18661 LNM: 28/19

NORTHERN CALIFORNIA-SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE

Overhead power cables upstream of Sacramento River lights 11 and 12 at 38-03-54N 121-47-09W have a reported reduced vertical clearance to 119.5'.

Chart 18660 LNM: 22/16

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST SPAN)-Temporary platforms will be installed under the bridge deck at piers D and E from 2200 20 Jul 19 until 0800 21 Jul 19, and at piers A and B from 2200 27 Jul 19 until 0800 28 Jul 19. There will be no effect to the bridge clearances after installation of the platforms. A Westar tug will be utilized to hold into position a material barge carrying the temporary platforms, which will be lifted into place by cranes from the bridge deck. Once a platform has been lifted and secured under the bridge deck, the tug/barge will move to the next pier location and repeat the process. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 28/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

GOLDEN GATE BRIDGE-Four 54’ temporary under deck platforms; one 625' and one 1175' (moving to 1225’ on 15 Jul 19) north of the south tower and one 675’ (moving to 575’ on 26 Jul 19) and one 1225' south of the north tower have been installed at the bridge. Temporary platforms reduce vertical clearance at the bridge by no more than 14’. As the work progresses, the two outer platforms will be moved towards the towers and the two inner platforms moved towards the centerline of the bridge. All four platforms are in the process of being moved. 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.pdf) at the end of this notice to see the lighting plan and initial locations of the temporary platforms). 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 the contractor at 415-716-0384. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 28/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

THIRD STREET DRAWBRIDGE-Until 01 Oct 19, the drawspan will be secured in the closed-to-navigation position for rehabilitation. Scaffolding is installed underneath the length of the drawspan, and will be marked with steady burning red lights at night. A 20' wide navigational opening close to the south bank between piers 4 and 6 will be available for small craft to transit through the bridge. The navigational opening will provide a vertical clearance of 3ft over mean high water, and be marked with steady burning green lights at night (see enclosure 3rdSt_PlatformLighting.pdf at the end of this notice). For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 30/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of Southampton Shoal Light (LLNR 5480). Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18649 LNM: 23/15

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Salt River Construction Corporation is conducting dredge operations at the Paradise Cay Yacht Harbor, Marin County at 37-54-57N 122-28-21W until 30 Nov 19. Dredge DB1, DB2, along with tugs BRANDY BAR and HAYDEN BAY will be on scene monitoring VHF-FM Chan. 13,14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 23/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Sevenson Environmental Services Inc. is conducting maintenance dredge operations in San Francisco Bay, CA at the former Potrero Power Plant located at 37-45-27N 122-22-51W. Operations will be conducted 24hrs per day 7 days a week until 31 Oct 19. PC 650 excavator on barge, PC 300 excavator on barge and MANITOWOC 888 crane on barge will be on scene monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Timothy White at 716-998-4946.

Chart 18650 LNM: 18/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Salt River Construction Company is conducting dredge operations at the Belvedere Land Company Marina Basin and San Francisco Yacht Club's Entrance channel, County of Marin at position 37-52-00N 122-27-39W until 30 Aug 19. The self-contained dredge/dump barges DB2 and DB4, and tugs DOUBLE EAGLE, BRANDY BAR, and HAYDEN BAY will be on the scene and monitoring VHF-FM Chan. 13, 14, and 77. A 5' temporary metal anchor ball with a FL Y .5s characteristic will be located at 37-52-05N 122-27-27W. Mariners are requested to transit the area with caution. For more details or comments contact Rick Mosley at 415-435-1024.

Chart 18649 LNM: 26/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Salt River Construction Company is conducting dredge operations at the Paradise Cay Yacht Harbor, County of Marin at 37-54-57N 122-28-21W until 30 Nov 19. Self contained dredge DB1, DB5, DB BRANDY BAR, CB ALASKA BARGE and tugs DOUBLE EAGLE and HAYDEN BAY will be on scene monitoring VHF-FM Chan. 13,14, and 77. A 5' temporary metal anchor ball with a FL Y .5s characteristic will be located at 37-55-08N 122-28-31W. Mariners are requested to transit the area with caution. For more details or comments contact Rick Mosley at 415-435-1024.

Chart 18653 LNM: 26/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Dutra Group is conducting dredge operations near Chevron Long Wharf at 37-55-18N 122-24-40W 24 hours a day 7 days a week until 30 Jul 19. Dredged material will be disposed of at the MWRP and SF-10 or SF-11 disposal sites. Clamshell dredges DB 24 and/or BEAVER; along with tugs HEIDI BRUSCO, BECKY T, ARTHUR BRUSCO and or SARAH REED will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18653 LNM: 21/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Curtin Maritime will conduct maintenance dredge operations within Richmond Inner Harbor Channel 24 hours a day, 7 days per week until 01 Aug 19. Dredged material will be transported to upland disposal site at Cullinan Ranch. Support vessels will include DB IRONBOUND, LONG PT., ARROW PT., and support tugs SEANA C, BERNARDINE C, and KELLY C. Support tugs will monitor VHF-FM Chan. 01, 13, and 14. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Mr. Max Oviedo at 206-619-7729.

Chart 18653 LNM: 26/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION

Dutra Construction Company is conducting marine construction in the vicinity of Woodward Island, CA 24 hours a day 7 days a week until 12 Jul 19. Crane Barge CB-1 and various assist tugs will monitor VHF-FM Chan. 09 and 16 or at 707-974-7481. A temporary anchorage will required for operations and will be located at 37-54-48N 121-30-51W and 37-56-24N 121-33-55W. Mariners are requested to transit the area with caution. For more details or comments contact project engineer Jacob Burke at 415-720-7012.

Chart 18661 LNM: 12/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION

Dutra Construction Company is conducting marine construction at Crane Cove Park in the vicinity of 37-45-17N 122-23-00W, 24 hours a day 7 days a week until 16 Sep 19. Crane Barge CB-3 and various assist tugs will monitor VHF-FM Chan. 09 and 16 or at 707-974-7481. A temporary anchorage will required for operations and will be located at 37-45-48N 122-23-08W. Mariners are requested to transit the area with caution. For more details or comments contact project engineer Jacob Burke at 415-720-7012.

Chart 18650 LNM: 12/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION

Bellingham Marine Industries is conducting marine construction in the channel between Ballena Blvd and Tideway Drive in Alameda at 37-46-06N 122-17-18W, 0830-1630 until 15 Jul 19. Project work consists of the demolition and replacement of the floating breakwater. Tug HUMPHREY will be on scene monitoring VHF-FM Chan. 14. Mariners are requested to transit the area with caution. For more details or comments contact Hal Brunette at 916-642-9878.

Chart 18650 LNM: 13/19

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

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

Chart 18650 LNM: 16/15

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PETALUMA RIVER

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

Chart 18654 LNM: 41/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PIPELINE PROJECT

Chevron Pipeline Company is conducting construction operations on existing pipelines in Montezuma Slough in Solano County at position 38-07-07N 121-54-22W, 24 hours a day 7 days a week until 17 Aug 19. Small work boats will be on scene and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake. For more details or comments contact Alan Bell at 66-615-4825.

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PIPELINE PROJECT

Chart 18656 LNM: 23/19

NORTHERN CALIFORNIA-SAN FRANCISCO-AIS IMPROPER TRANSMISSION

LWB2 in San Francisco Main Ship Channel located at 37-45-48N 122-37-44W is transmitting an improper signal. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18649 LNM: 44/18

NORTHERN CALIFORNIA-SAN FRANCISCO-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Science Center will be conducting up to six one-day near shore geophysical surveys and up to three rapid-response surveys at Ocean Beach in San Francisco, CA until November 2019. A bathymetric survey using a two personal watercraft, each equipped with a 200 kHz single beam echo sounder, will be used to conduct cross shore transects from within the surf zone out to 1200m from shore to document the effects of large wave events on seafloor morphology. For more details or comments contact Tim Elfers at 831-460-7479.

Chart 18650 LNM: 19/19

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 Sadowitz at 510-437-3801.

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

NORTHERN CALIFORNIA-SAN FRANCISCO-OCEANOGRAPHIC AND SURVEY OPERATIONS

NOAA in partnership with Saildrone, Inc. is conducting oceanographic and fisheries acoustic survey operations using 07 Saildrone Unmanned Surface Vehicles between Neah Bay, WA and Alameda, CA, 24 hours a day 7 days a week until 31 Aug 19. Saildrones will be deployed to conduct coastal and offshore surveys along the coast. Saildrones are 23' sailing vehicles, painted orange, remotely operated and marked “SAILDRONE”. Mariners are requested to transit the area with caution and maintain a 500 meter separation from the Saildrones. For more details or comments contact Saildrone Mission Control at 510-722-6070.

Charts: 18003 18010 18020 18480 18500 18520 18580 18600 18620 18640 LNM: 25/19

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-MARINE CONSTRUCTION

California Department of Water Resources will conduct barrier construction for the Old River at 37-48-37N 121-32-35W, 11-24 Jul 19 and Grant Line Canal at 37-49-11N 121-26-55W from 15-31 Jul 19. A small aluminum boat will be on site for day to day operations. For more details or comments contact Jacob McQuirk at 916-653-9883 or cell 916-524-6645.

Chart 18661 LNM: 27/19

NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGE

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

Chart 18649 LNM: 37/18

NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMARINE CABLE

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

Charts: 18654 18655 LNM: 38/17

NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMERGED OBSTRUCTION

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

Charts: 18654 18655 LNM: 47/17

NORTHERN CALIFORNIA-SANTA CRUZ-HAZARDOUS CONDITIONS

Santa Cruz Harbor is cautioning mariners of possible hazardous conditions with breaking surf and shoaling that may occur at Santa Cruz Harbor Entrance due to high surf and extreme tidal conditions in the vicinity of 36-57-37N 122-00-06W. Mariners are requested to transit the area with caution. For more details or comments contact Santa Cruz Harbor on VHF-FM Chan. 09 and 16 or at 831-475-6161.

Chart 18685 LNM: 46/17

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

The United States Navy, Naval Postgraduate School, Oceanography Department have deployed sub-surface oceanographic instrument moorings until 01 Nov 21. These sub-surface moorings are part of the Monterey Bay and Channel Islands Sound Scape Monitoring Project. These sub-surface moorings are located at the following coordinates:
36-47-53N 121-58-34W
36-38-53N 121-54-30W

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

34-02-38N 121-54-30W
34-05-08N 120-31-24W
33-50-56N 120-07-06W
34-01-06N 119-19-00W
36-22-13N 122-18-53W

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

Charts: 18685 18700 18720 LNM: 48/18

NORTHERN CALIFORNIA-SUISUN CITY-CREDGE OPERATIONS

Dutra Group will conduct maintenance dredge operations in the Whispering Bay Channel and Marina Village Residential Channel in Suisun City, CA. Work will be conducted from 01 Aug 19 until 07 Oct 19, 7 days a week from 0700-2200. Suction dredge vessel PAUL VINCENT will be on scene conducting operations and will monitor VHF-FM Chan. 16 and 68. Operations will include the use of a suction dredge and a submerged pipeline. The submerged pipeline will be marked with yellow floats and anchors will be marked with white buoys. All material will disposed of at the Pierce Island Disposal Site at 38-14-00N 122-02-00Wall. Mariners are requested to transit the area with caution. For more details or comments contact Phillip Torres at 415-847-4375.

Chart 18656 LNM: 27/19

SOUTHERN CALIFORNA-SAN PEDRO CHANNEL–BOEING XL USV OPERATIONS

Boeing is conducting sea trials for an extra-large unmanned under sea vehicle (USV) called ECHO VOYAGER in the vicinity of the San Pedro Channel and Northeast of Santa Catalina Island until 31 Oct 19 in the areas bound by the following coordinates:

OPAREA 1:
33-42-25N 118-19-55W
33-39-43N 118-21-36W
33-41-13N 118-24-37W
33-43-48N 118-22-48W

OPAREA 3:
33-26-33N 118-26-55W
33-25-33N 118-23-59W
33-25-35N 118-21-19W
33-29-14N 118-18-35W
33-31-34N 118-23-31W
33-28-10N 118-26-55W

M/V AMERICAN ISLANDER and Range Boat SB2 will be on scene and monitoring VHF-FM Chan. 16. Mariners are requested to keep 500 yds distance from the USV and M/V AMERICAN ISLANDER. Mariners are requested to transit the area with caution. For more details or comments contact the project manager Ross Peterson at 714-262-1580.

Chart 18022 LNM: 21/19

SOUTHERN CALIFORNIA- OFFSHORE SAN CLEMENTE ISLAND-OCEANOGRAPHIC OPERATIONS

Oregon State University is conducting oceanographic operations offshore San Clemente Island, CA, 24 hours a day from 19-22 Jul 19. Operations will conducted at the following coordinates:

32-43-18N 117-55-53W
32-52-00N 118-11-00W
32-33-44N 118-37-07W
32-30-00N 118-41-00W
32-37-39N 119-02-31W
32-38-48N 119-02-31W
32-38-18N 118-57-00W
32-42-36N 119-22-41W
32-30-00N 120-01-00W
32-33-30N 120-03-24W

M/V OCEANUS will be restricted in her ability to maneuver and will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Jeremy Fox at foxjer@oregonstate.edu.

Charts: 18740 18762 LNM: 27/19

SOUTHERN CALIFORNIA-ANAHEIM BAY-BRIDGE

TRINIDAD LANE-The northwest red pier light and east green center channel light are dim. The west green center channel light and the southeast red pier light are extinguished. Estimated time of repair unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18749 LNM: 24/19

SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT

Marine BioEnergy Inc. have deployed temporary buoys near Catalina Island and they will remain on scene until 31 Dec 19. These will be 7' yellow buoys with Fl Y 4s light characteristic, deployed in the following coordinates:

33-28-13N 118-29-33W
33-30-58N 118-32-25W
33-30-38N 118-30-56W

Mariners are urged to transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made.

SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT

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

Charts: 18746 18757

LNM: 02/19

SOUTHERN CALIFORNIA-CHANNEL ISLAND HARBOR-BRIDGE

CHANNEL ISLAND BLVD WEST-The southwest green center channel light and the southeast red pier light are extinguished. Estimated time of repair unknown. For information contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18725

LNM: 27/19

SOUTHERN CALIFORNIA-CHANNEL ISLANDS HARBOR-DREDGE OPERATIONS

Manson Construction Co. will conduct dredge operations of Channel Islands Harbor Main Channel Entrance and Sand Trap 24/7 at 34-09-21N 119-13-46W until 10 Feb 19. Dredges HR MORRIS and DB VULCAN, PUP and CUB, and survey boat RUSTLER will monitor VHF-FM Chan. 16 and 67. Dredged material will be disposed of at Port of Hueneme Beach and Silver Strand Beach. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Project Manager Max Oviedo at 206-619-7729.

Chart 18725

LNM: 45/18

SOUTHERN CALIFORNIA-CHANNELS ISLANDS-SUB-SURFACE OCEANOGRAPHIC INSTRUMENT MOORING

The United States Navy, Naval Postgraduate School, Oceanography Department have deployed a sub-surface oceanographic instrument mooring at 33-29-15N 119-01-00W until 05 Dec 19. This sub-surface mooring is part of a Navy-NOAA co-managed project to monitor the sound Scape environment. Mariners are requested to transit the area with caution. For more details or comments contact Jihn Joseph at 831-656-7994.

Charts: 18720 18740 18756

LNM: 24/19

SOUTHERN CALIFORNIA-ENCINITAS-DREDGE OPERATIONS

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

Chart 18774

LNM: 02/18

SOUTHERN CALIFORNIA-ESTERO BLUFFS STATE PARK-SUBMERGED ANCHOR CABLE

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

Chart 18703

LNM: 43/17

SOUTHERN CALIFORNIA-HUNTINGTON BEACH-BUOY DEPLOYMENT

Surf Line Inc. have deployed a wave data buoy offshore Huntington Beach, CA at position 33-38-44N 118-01-06W and will remain on scene until 01 Sep 19. This will be a yellow 16” x 12” wave buoy with a flashing amber light characteristic. Mariners are requested to transit the area with caution. For more details or comments contact Ryan Starr at 609-839-2886.

Chart 18746

LNM: 11/19

SOUTHERN CALIFORNIA-HUNTINGTON BEACH-DIVING OPERATIONS

Aqueos Corporation will be conducting daytime diving from Platform Emmy to the shoreline in Huntington Beach, CA from 12-22 Jul 19. Three 54” sphere temporary moorings with steady burning all-round white lights will be utilized at the following coordinates:
33-40-06N 118-02-34W
33-39-56N 118-02-22W
33-39-59N 118-02-12W
33-39-49N 118-02-28W
Vessel DANNY C will be on scene monitoring VHF-FM Chan. 16 and cell phone 805-895-9005. For more details or comments contact Jason Smith at 805-205-3156.

Chart 18746

LNM: 27/19

SOUTHERN CALIFORNIA-IMPERIAL BEACH-WAVERIDER BUOY

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

Chart 18765

LNM: 35/18

SOUTHERN CALIFORNIA-LONG BEACH MIDDLE HARBOR-MARINE CONSTRUCTION

Dutra Construction Company is conducting marine construction at the entrance channel to Long Beach Middle Harbor 24 hours a day 7 days a week from 15 Jul 19 until 01 Jan 20. Derrick Barge WILLIAM F will be on scene monitoring VHF-FM Chan. 09 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Dutra Construction at 510-254-4410.

Chart 18751

LNM: 24/19

SOUTHERN CALIFORNIA-LONG BEACH OUTER HARBOR-OBSTRUCTION TO NAVIGATION

SOUTHERN CALIFORNIA-LONG BEACH OUTER HARBOR-OBSTRUCTION TO NAVIGATION

There is a sunken 46' sail vessel at approximate position: 33-43-10N 118-08-14W,north of Long Beach Commercial Anchorage F, in approximately 52' water. Depth of water, to the mast, at MLLW is 32.5'. Mariners are requested to transit the area with caution. For more details or comments contact LT Medina at 510-437-2978.

Charts: 18746 18749 18751 LNM: 44/18

SOUTHERN CALIFORNIA-LONG BEACH-MARINE EVENT

Long Beach Yacht Club will sponsor the Beach To Bay Race in Long Beach, CA on 18 Jul 19 from 0700-1630. The event will consist of approximately 120 sailboats 08-18' in length. The course will start at Alamitos Beach and end in front of Long Beach Yacht Club. Vessel LOYNES will be on scene monitoring VHF-FM Chan. 68. Mariners are requested to transit the area with caution. For more details or comments contact Alexis Hall at 562-598-9401.

Charts: 18746 18749 LNM: 28/19

SOUTHERN CALIFORNIA-LONG BEACH-MARINE EVENT

The Long Beach Boat and Ski Club will sponsor the 71st annual Catalina Ski Race in Long Beach Harbor on 20 Jul 19 from 0600-1200. There will be approximately 60 powerboats with skiers in tow and will race from Long Beach Harbor, CA to Avalon Harbor, CA and back to Long Beach Harbor, CA. Racers will exit Queens Gate to a turn marker boat located off Avalon, and finish near the Queen Mary. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the race. U.S. Coast Guard Vessels will be on scene with the race committee vessels to regulate spectators near the race course. All vessels will monitor VHF-FM Chan. 16. For more details or comments contact Heidi Campbell at 714-345-2465.

Charts: 18746 18749 18751 LNM: 25/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION

Connolly-Pacific Co. is conducting repairs to the breakwater for Los Angeles and Long Beach Harbors until 31 Jul 19. Derrick barges LOS ANGELES and LONG BEACH will be used to place stone along the middle and Long Beach breakwater along with tug DURRANGO. Derrick barges LOS ANGELES and LONG BEACH along with tug DURRANGO will be on site monitoring VHF-FM Chan. 13, 16, 79 and 80. Mariners are requested to transit the area with caution. For more details or comments contact Tim Kemp at 562-577-0724 or Ron Allard at 562-577-0814.

Chart 18751 LNM: 04/18

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT

The King Harbor Yacht Club will sponsor the King Harbor to LA Harbor Race on 03 Aug 19 from 1200-1900. This race will involve 35 participants racing in vessels 20'-40' in length between King Harbor and Palo Verdes Point, CA. Mariners are requested to transit the area with caution. For more details or comments contact Dorian Harris at 310-259-1040.

Chart 18744 LNM: 28/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT

The King Harbor Yacht Club will sponsor the Cal 20 Class Championships offshore King Harbor, CA, 09-12 Aug 19 from 1200-1900. This race will involve 40 participants racing in vessels 20' in length. Mariners are requested to transit the area with caution. For more details or comments contact Dorian Harris at 310-259-1040.

Chart 18744 LNM: 28/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT

The Transpacific Yacht Club will sponsor the 50th Transpac Los Angeles, CA to Honolulu, HI competitive long distance sailboat race from 10-26 Jul 19. The race will start from Point Fermin, San Pedro, CA daily at 1300 staggered over three days on 10, 12, and 13 Jul 19. Support vessels WARRIOR II, TOYON II, and RANDD will be on scene. Mariners are request to transit the area with caution. For more details or comments contact Tom Trujillo at 213-500-3545.

Charts: 50 501 530 18020 18746 LNM: 25/19

SOUTHERN CALIFORNIA-MORRO BAY-GEOPHYSICAL SURVEY

eTrac, Inc. will conduct bathometric survey operations in Morro Bay, CA during daylight hours until 30 Sep 19. Survey operations will be conducted within the following coordinates:
35-24-57N 120-53-48W
35-24-00N 120-53-29W
35-24-09N 120-52-55W
35-24-29N 120-52-30W
35-24-50N 120-52-39W
35-25-00N 120-53-28W
M/V TIKAANI will conduct operations and will monitor VHF-FM Chan. 16. For more details or comments contact Erik Mueller at 415-462-0421.

Chart 18703 LNM: 22/19

SOUTHERN CALIFORNIA-MORRO BAY-MARINE CONSTRUCTION

Associated Pacific Constructors is conducting marine construction in Morro Bay, CA at 35-21-00N 120-51-13W until 31 Jul 19 during daylight hours. Tug and barge MERI will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit at their slowest safe speed to minimize wake, and proceed with caution while passing. For more details or comments contact Paul Gillen at 805-772-7472.

Chart 18703 LNM: 51/18

SOUTHERN CALIFORNIA-OFFSHORE CALIFORNIA COAST-SURVEY OPERATIONS

EGS Americas Inc. survey vessel GEO RESOLUTION will be conducting a cable route survey operations offshore Central California Coast until 01

SOUTHERN CALIFORNIA-OFFSHORE CALIFORNIA COAST-SURVEY OPERATIONS

Sep 19. The operation includes the stern deployment of a tethered sonar towfish at varying water depths to collect geophysical/bathymetric data for a proposed undersea cable. The maximum water depth of tow operations will be 1500 meters and the sonar sensor will be towed approximately 20-40 meters from the seafloor. The survey corridor is 1000 meters centered on the survey centerline. Operations in water depths greater than 1500 meters will utilize hull mounted equipment. For additional information see EGS Americas Survey Operations.pdf in the enclosure section. R/V GEO RESOLUTION will monitor VHF-FM Chan. 16 while conducting survey operations. For more details or comments contact Eric Roach of EGS Americas Inc. at 772-341-9286 or eroach@egsamericas.com.

Charts: 18010 18020 18022 LNM: 27/19

SOUTHERN CALIFORNIA-POINT CONCEPTION-OCEANOGRAPHIC OPERATIONS

The CalCOFI Program will conduct Oceanographic operations 300-400nm offshore between Del Mar Beach to Point Conception during daylight hours from 10-26 Jul 19. Research vessel BOLD HORIZON will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Dan Schuller at 858-822-0305.

Charts: 18700 18720 18721 LNM: 25/19

SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY

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

Charts: 18700 18720 18721 LNM: 41/18

SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY

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

Chart 18700 LNM: 41/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

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

Charts: 18720 18725 LNM: 26/18

SOUTHERN CALIFORNIA-PORT HUENEME-MARINE CONSTRUCTION

Manson Construction Co. is conducting marine construction at Port of Hueneme Harbor, CA at position 34-08-52N 119-12-26W, 0600-1600 until 15 Nov 19. The work area will be marked with 18” orange buoys with flashing orange lights. VHF-FM Chan. 14 and 19A will be monitored during operations. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Michael Jokerest at 562-983-2379 or 562-650-4525.

Charts: 18724 18725 LNM: 11/19

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

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION-Two temporary trestles remain in place between the Henry Ford Railroad Bridge and the partially constructed replacement Heim Bridge provides 75' of horizontal clearance. Erection of falsework over the main navigation span will begin on 22 Jul 19. The falsework will provide at least 43’ of vertical clearance at mean high water. The upstream and downstream low steel of the falsework and the upstream and downstream edges of the temporary trestles will be lighted at night with steady burning red lights. (See Trestle_Falsework_Lighting_Heim.pdf at the end of this notice). Work is taking place from 0600 to 1600, Mon-Fri. For conditions at the bridge, mariners can contact Caltrans at 562-572-5852, 310-882-3160, 949-394-9168, 310-715-9500; or the contractor at 818-489-5772, 909-322-4424. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 28/19

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

VINCENT THOMAS BRIDGE-Painting of the under deck of the bridge continues. A 180' long platform is being erected below low steel of the bridge, just to the east of the west channel margin red light, reducing vertical clearance by 5' 4”. Once a 90' section is complete, that section of the platform will be moved to the east, in a leap frog technique. The platform will migrate towards the east until it reached 250' west of centerline of the bridge span. Each corner and every 50' along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V_Thomas_Platform_Lighting1.pdf at the end of this notice). Work will take place during daylight hours, Monday through Friday. For conditions at the bridge mariners can contact 213-479-4138, 213-479-1144 or 310-261-9552. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

GERALD DESMOND BRIDGE REPLACEMENT PROJECT-Superstructure construction continues inboard of each replacement bridge towers towards the navigable channel. Work may extend over the margins of the waterway but not over the designated navigation channel. All vessels transiting the replacement bridge site should use the center of the channel. Over the navigation channel construction will begin on 27 Jul 19. Flag vessels are on-scene during over-the-channel work just east and west of the channel and should be contacted on VHF-FM CH 13 before passing through the construction site or mariners can contact the SFI Water Traffic Coordinator at 310-809-0162 or 702-215-9740. For conditions at the construction site mariners can contact the SFI Water Traffic Field Coordinator at 424-230-9925. For more details contact the Coast Guard Bridge Office at 510-437-3516.

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

Chart 18749 LNM: 28/19

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33 CFR 165.1131; 33CFR 165.1141). Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone Incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to $90,901.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 41/16

SOUTHERN CALIFORNIA-SAN CLEMENTE-GEOPHYSICAL SURVEY

EcoSystems Management Associates, Inc. is conducting geophysical survey operations offshore of San Clemente at Wheeler North Reef until 31 Oct 19. This survey will include side-scan sonar survey operations to provide data assessing suitability and locations for the expansion of the Wheeler North Reef. Mariners are requested to transit the area with caution. For more details or comments contact Dr. Hany Elwany at 858-459-0008 or hany@coastalenvironments.com.

Chart 18774 LNM: 25/19

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: 20/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-DREDGE OPERATIONS

Manson Construction Co. is conducting maintenance dredge operations in San Diego Bay, CA at Naval base San Diego Piers 4, 5, 8, and the Mole Pier 7 days a week 1800-0600 until 01 Dec 19. DB VULCAN, S/B WAHOO, scow SOUTHPORT, scow SEAPORT, flat barge 59 BARGE, and the PTS tug will be on scene. Dredged material will be disposed of at the LA-5 or offloaded at the Mole pier. All vessels on scene will monitor VHF-FM Chan. 13, 16, and 67. Mariners are requested to transit the area with caution and keep 150 yds distance from all dredge operations. For more details or comments contact Jack Fernandez at 904-495-4835.

Charts: 18772 18773 LNM: 13/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-FIREWORKS DISPLAY

Fireworks America will sponsor the Marina Embarcadero Park South Summer Night Shows 2019 fireworks displays. All fireworks displays will be from a tug and barge combination located at 32-42-11N 117-10-04W from 2100-2200 on the following dates:
12, 26, 27 Jul 2019
03, 05, 09, 11, 16, 17, 24, 31 Aug 2019
01-02 Sep 2019
A tug and barge combination will be located off of South Embarcadero Marina Park. A 400' radius safety zone, encompassing all navigable waters around the barge, will be enforced. All mariners are to avoid the safety zone and use due caution when transiting outside this area. For more details or comments contact Ms. Zelmy Santos at 619-938-6277.

Chart 18773 LNM: 24/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

Marathon Construction Corporation is conducting demolition and repair of Naval Base San Diego Pier 1 in position 32-39-44N 117-07-17W, until April 2020. A 60'x120' crane spud barge will be spudded and anchored adjacent to Pier 1. A 50'x100' material spud barge, 30'x60' material barge, and 28'x90' material barge will be moored next to the crane barge on site. The crane barge will have deployed anchors and anchor buoys. Mariners are requested to transit at their slowest safe speed to minimize wake and proceed with caution when passing. For more details or comments contact Marathon Construction's project manager Tim Meyer 619-843-8975.

Chart 18773 LNM: 19/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction operations at north berth of B Street Pier in San Diego Bay, CA until 15 Dec 19. All work will be conducted at the following coordinates:
32-43-05N 117-10-25W
32-43-05N 117-10-36W
Crane barge RES 150 and RES 180 along with support barges will be performing this work in conjunction with push boats JEANNIE R and KILEEN. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Mark Uribe at 619-233-0178.

Chart 18773 LNM: 15/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

The Port of San Diego is condcuting marine construction at Tuna Harbor Dock #1 located in San Diego Bay, CA at 32-42-42N 117-10-23W until 30 Sep 19. All vessels on scene will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and to minimize wake after making passing arrangements. For more details or comments contact Timothy Barret at 619-686-6544 or David McCargar at 619-686-8190.

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

Chart 18773 LNM: 12/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc and Pacific Building Group is conducting marine construction at the Portside Pier at 32-43-09N 117-10-25W until 31 Jul 19. Crane barges RES 180 with AMERICAN 11320 and RES 150 with LINKBELT 418 and deck barge RES 210 along with support barges will be perfoming this work in conjunction with the JEANNIE R and TUG KILLEEN. 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 David McNiff at 858-552-0600 or Erick Myers at 619-233-0178.

Charts: 18772 18773 LNM: 24/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

The Port of San Diego is conducting marine construction at the North Berth of B street Pier located in San Diego Bay, CA at 32-43-03N 117-10-31W until 30 Sep 19. All vessels on scene will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and to minimize wake after making passing arrangements. For more details or comments contact Heather Kramp at 619-686-8190 or hkramp@portofsandiego.org.

Chart 18773 LNM: 12/19

SOUTHERN CALIFORNIA-SAN DIEGO MISSION BAY-OBSTRUCTION TO NAVIGATION

There is a sunken sail boat at approximate position: 32-45-31N 117-15-25W, north side of the Mission Bay Harbor Channel Entrance. Mariners are requested to transit the area with caution. For more details or comments contact LT Medina at 510-437-2978 or marcia.a.medina@uscg.mil.

Chart 18765 LNM: 50/18

SOUTHERN CALIFORNIA-SAN DIEGO RIVER-BRIDGE

WEST MISSION BAY DRIVE BRIDGE-The City of San Diego has begun replacement of the existing bridge. A temporary work trestle is being constructed to facilitate replacement of the existing bridge. The temporary trestle will provide a vertical clearance of 8' over Mean Sea Level, and open channels between silt curtains. 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: 30/18

SOUTHERN CALIFORNIA-SAN DIEGO-DIVE OPERATIONS

The United States Navy Under Sea rescue Command will conduct dive operations offshore San Diego, CA, 16-22 Jul 19 from 0600-2000. Dive operations will be within 1nm of the following coordinates:
32-44-30N 117-24-48W
32-51-57N 117-26-36W
33-23-06N 118-19-54W
M/V DOMINATOR will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact LT Curtis Khol at 619-545-9188.

Charts: 18765 18772 LNM: 28/19

SOUTHERN CALIFORNIA-SAN DIEGO-OBSTRUCTION TO NAVIGATION

Coronado Cays Channel Daybeacon 17 has been damaged at 32-37-35N 117-07-43W. A portion of the piling remains and the remaining pilling is submerged. A temporary unlit buoy is marking the area. Mariners are requested to transit the area with caution. For more details or comments contact Daniel Bick at 619-423-4353.

Charts: 18765 18772 18773 LNM: 18/17

SOUTHERN CALIFORNIA-SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of South Bay Ocean Outfall and Point Loma Ocean Outfall. Ocean sampling will be conducted in an area bounded by the following coordinates:
32-31-55N 117-11-11W
32-32-11N 117-11-58W
32-32-04N 117-12-07W
32-32-33N 117-11-56W

32-40-10N 117-19-23W
32-40-05N 117-19-34W
32-39-37N 117-19-32W
32-39-57N 117-19-39W
32-40-11N 117-16-56W
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 Mike Kelly at 619-758-2342.

Charts: 18765 18772 LNM: 22/17

SOUTHERN CALIFORNIA-SANTA BARBARA TO REDONDO-MARINE EVENT

The Santa Barbara and King Harbor Yacht Clubs will sponsor the 47th annual Santa Barbara to King Harbor Race, 1200-1600 daily from 26-27 Jul 19. 85 participants will race sailing vessels from Santa Barbara Harbor, pass by the west side of Anacapa Island, and finish at King Harbor. Mariners are requested to transit the area with caution. For more details or comments contact Debbie Helling at 310-892-9959.

Charts: 18725 18740 18744 LNM: 27/19

SOUTHERN CALIFORNIA-SANTA BARBARA-MARINE EVENT

The Santa Barbara Triathlon swim course will take place on the East Beach in Santa Barbara, CA at 32-24-59N 119-40-15W, 24-25 Aug 19 from 0700-1100. 1500 swimmers will participate in this portion of the race. Mariners are requested to transit the area with caution. For more details or comments contact Joe Coito at 805-452-1934.

Chart 18725 LNM: 28/19

SOUTHERN CALIFORNIA-SANTA BARBARA-SURVEY OPERATIONS

Fugro will conduct side scan sonar survey operations from the M/V NORSEMAN II in the Santa Barbara Channel and Point Arguello, CA. Operations will be conducted 24 hours per day from 13 Jul 19 until 07 Aug 19 (see Fugro Survey Operations.pdf in the enclosure section for a more detailed location). The M/V NORSEMAN II will be towing up to 1,000 meters of cable during operations and will have limited maneuverability. M/V NORSEMAN will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Eddie Stutts or Cindy Pratt at 805-650-7000.

Charts: 18721 18725 LNM: 26/19

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-AID DISCREPANCY

The Harbor Reef Light (LLNR 2641) in Isthmus Cove has fallen into the water at approximate position: 33-26-51N 118-29-23W, the southernmost point of Harbor Reef. Mariners are requested to transit the area with caution, avoiding the charted reef. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18757 LNM: 50/18

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-FISHING OPERATIONS

Ventura County Commercial Fisherman's Association member fishing vessels are conducting fishing operations in the vicinity of 33-35-13N 120-16-04W and 33-08-30N 119-52-03W until 15 Oct 19. Fishing gear will be marked by colored floats up to 30 inches in diameter and high flyer pole with radar reflector and light. Mariners are requested to use caution when transiting the area. Vessels may be contacted on VHF-FM Chan. 11 or 16. For more details or comments contact Tim Athens at 805-448-4455.

Chart 18720 LNM: 22/19

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-MARINE CONSTRUCTION

Connolly Pacific is conducting marine construction and rock loading operations at Empire landing Quarry on Santa Catalina Island, CA during daylight hours until October 2019. Two offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Chart 18757 LNM: 27/19

SOUTHERN CALIFORNIA-SANTA CLEMENTE-MARINE CONSTRUCTION

Connolly Pacific is conducting marine construction offshore San Clemente Pier, CA for the Wheel North Reef expansion project during daylight hours until October 2019. Three offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Chart 18774 LNM: 27/19

SOUTHERN CALIFORNIA-SANTA MONICA-CABLE LAYING OPERATIONS

SubCom LLC. Will conduct cable laying operations offshore Hermosa Beach, CA between 33-48-46N 118-41-18W and 33-49-47N 118-39-35W from 19 Oct 19 until further notice. Cable ship RECORDER will be on scene monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Sydney Sheridan at 1-732-578-7244.

Charts: 18720 18740 LNM: 28/19

SOUTHERN CALIFORNIA-VENTURA HARBOR-MARINE CONSTRUCTION

Bellingham Marine Industries is conducting marine construction at Ventura Harbor, CA in position 34-14-30N 119-15-50W during daylight hours until 30 Sep 19. Crane barges JOHN C, STEPHAN C and small skiffs will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Richard Parsons at 805-890-8505.

Chart 18725 LNM: 22/19

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

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

LNM: 06/07

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Tower_Fender_Barge_Lighting.pdf
See link above for the Tower Drawbridge Pier Protection Replacement Project:
Barge Placement and Lighting Diagram.

LNM: 27/19

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

Trestle_Falsework_Lighting_Heim.pdf
See link above temporary trestle and falsework lighting.

LNM: 28/19

SAN CLEMENTE ISLAND-SAFETY ZONES

MSSB 02-16 SCI Safety Zone.pdf
See link above.

LNM: 41/16

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

Navy_Dr_Lighting.pdf
See link above for temporary trestle lighting, pier lighting and thier locations.

LNM: 25/18

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-SAN FRANCISCO BAY-BRIDGE

PlatformLighting_GG_Bridge.pdf
GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 10 Jun 19.

LNM: 28/19

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

WoodwardConstruction_Lighting.pdf
See link above for typical barge location and lighting, bridge column lighting and channel markers.

LNM: 27/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-AIR DRAFT AWARENESS

Air draft marine safety bulletin.pdf
See link above.

LNM: 40/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

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

LNM: 29/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

3rdSt_PlatformLighting.pdf
See enclosure above.

LNM: 39/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RioWest_Platform_Lighting.pdf
See enclosure above.

LNM: 07/19

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

VSRMap2019_SF.pdf
See enclosure above.

LNM: 17/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Pioneer_Barge_Mooring.pdf
See enclosure above for the Pioneer Bridge Barge Mooring Diagram.

LNM: 21/19

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

VSRMap2019_SC.pdf
See enclosure above.

LNM: 19/19

NORTHERN CALIFORNIA-ISLAIS CREEK-BRIDGE

Islais_Creek_Barge_Location.pdf
see enclosure above.

LNM: 27/19

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

RV_Temp_Platform_Lighting.pdf
See link above for temporary main span platform lighting for Rio Vista Drawbridge.

LNM: 23/19

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

THOMPSON.BRETT.J.1186968197

Digitally signed by THOMPSON.BRETT.J.1186968197
Date: 2019.07.10 14:38:03 -07'00'

B. J. Thompson
Commander U.S. Coast Guard
Chief Waterways Management Branch

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

BRIDGE NAME: _____ DATE: _____

MILE :_____WATERWAY: _____

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

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

Signature _____

Telephone _____

Mariners may complete and return to:

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

Questions? Please contact: Carl Hausner, Bridge Administrator, Eleventh Coast Guard District
Office: (510) 437-3516
Cell: (510) 219-4366

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

Fender Replacement Project-Barge Placement and Lighting
Tower Drawbridge
Mile 59.0 over the Sacramento River

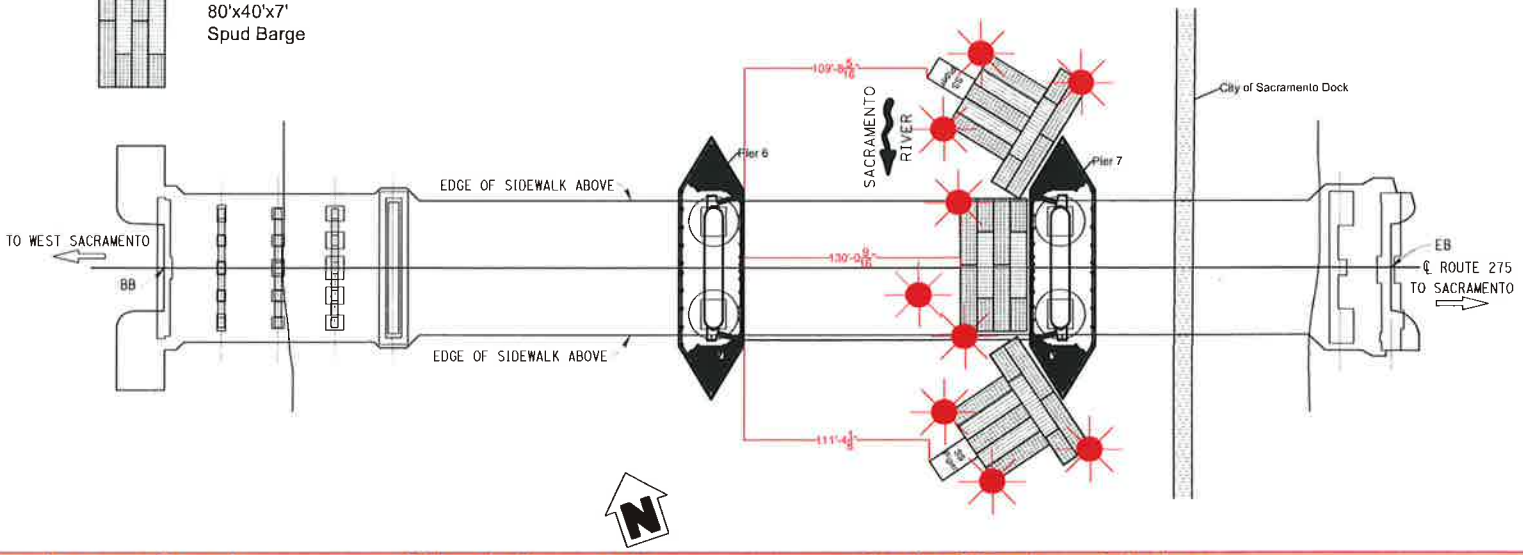
SS Piper
Tug Boat

Series S-70
80'x60'x7'
Spud Barge

80'x40'x7'
Spud Barge

Spud Barge and Euipment Locations

Season #1 - 7/5/19 to 10/31/19
Channel Work



During working hours, the drawspan of the bridge will provide 109 feet of horizontal clearance for vessels. Each corner of the barge will be lighted at night with steady burning red lights so as to be seen from approaching vessels at 2,000 yards.

Fender Replacement Project-Barge Placement and Lighting
Tower Drawbridge
Mile 59.0 over the Sacramento River

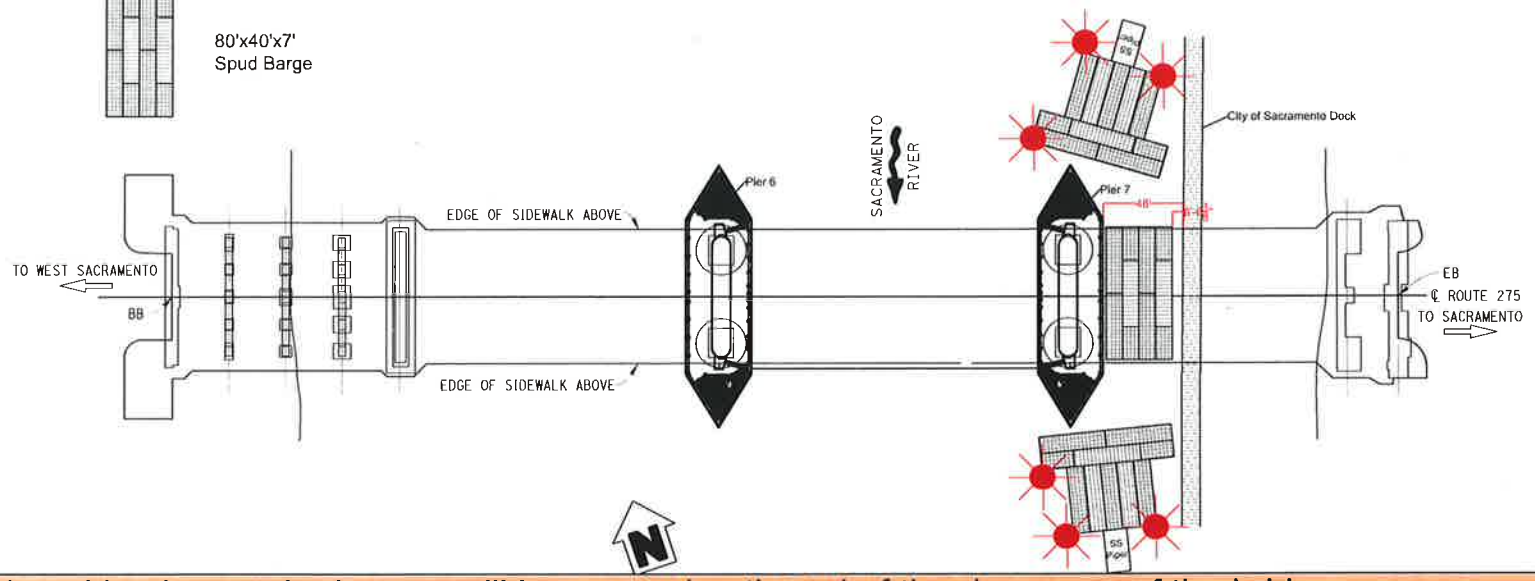
SS Piper
Tug Boat

Series S-70
80'x60'x7'
Spud Barge

80'x40'x7'
Spud Barge

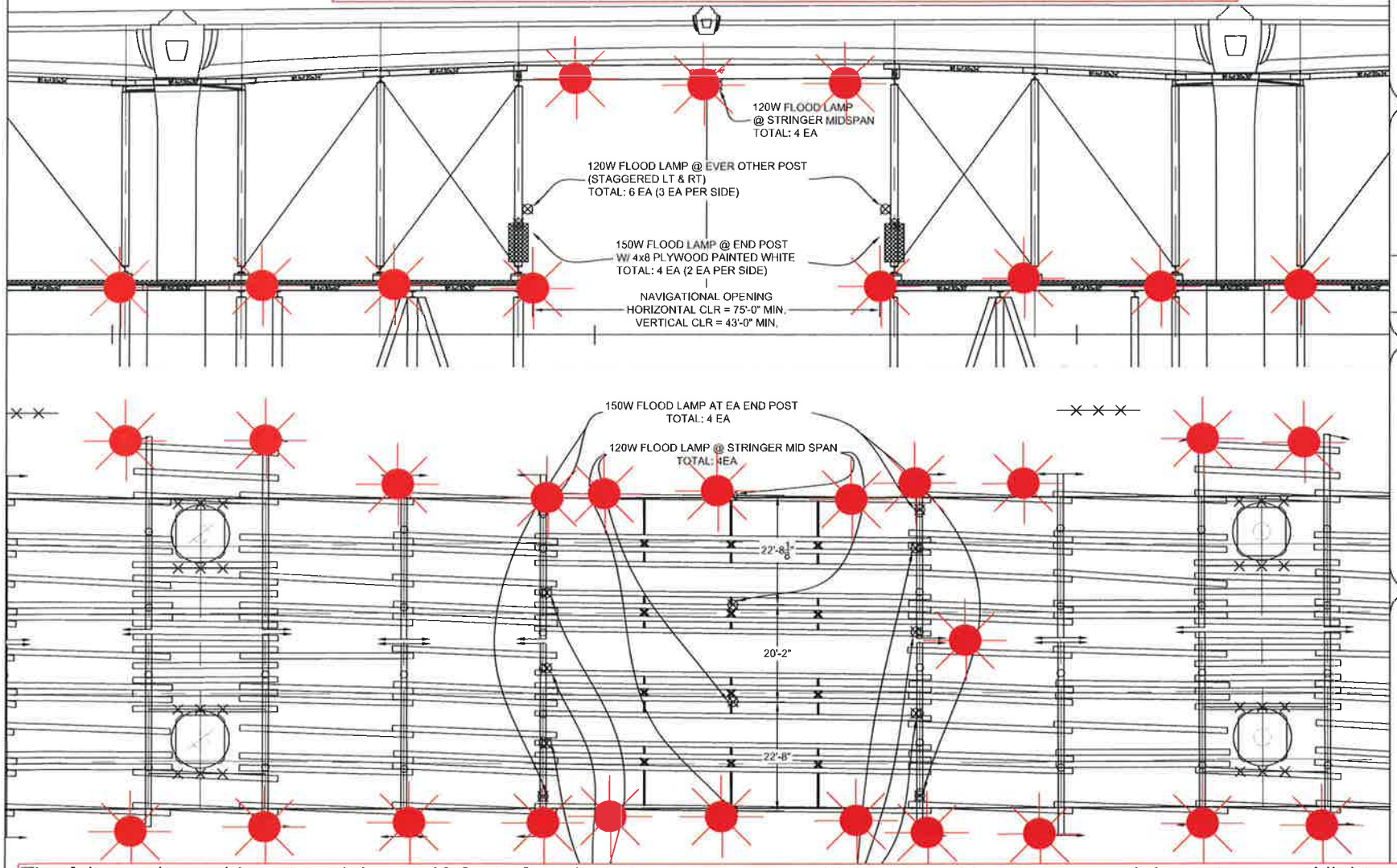
Spud Barge and Euipment Locations

Season #1 - 7/5/19 to 10/31/19
Out of Channel Work



After normal working hours, the barges will be moored outboard of the drawspan of the bridge.
Each corner of the barge will be lighted at night with steady burning red lights so as to be seen from approaching vessels at 2,000 yards.

Temporary Trestle and Falsework Lighting Plan
Commodore Schuyler Heim Replacement Project
Mile 4.9, Cerritos Channel



REV	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		

MCM CONSTRUCTION, INC.
GENERAL ENGINEERING CONTRACTORS
SACRAMENTO, CA

STAGE 3 FRAME FW

NAVIGATIONAL OPENING LTG

CALTRANS CONTRACT: 07-138204

Designed By: JSC

Drawn By: JSC | Date: 06/03/19

MCM CONSTRUCTION JOB NUMBER: 349

The falsework provides at a minimum 43 feet of vertical clearance at mean high water with upstream and downstream red lights marking low steel spaced at least every 20 feet.
The temporary trestles provide 75 feet of vertical clearance with upstream and downstream red lights every 75 feet.

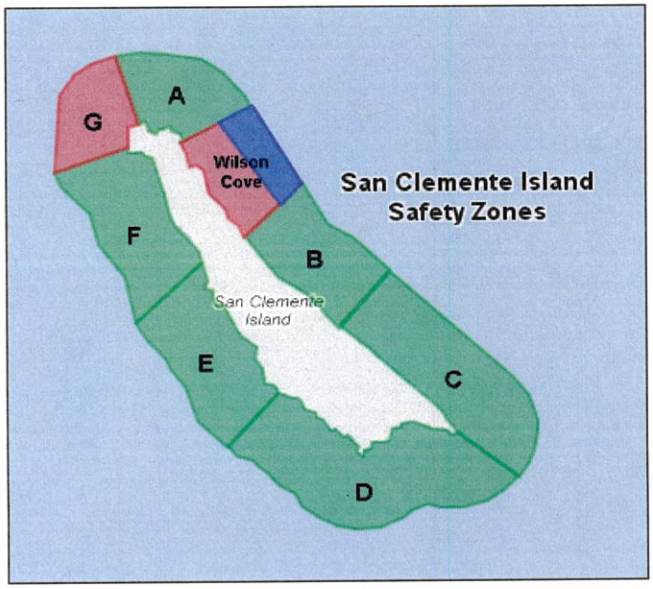
ENCLOSURE (

Maritime Safety and Security Bulletin: 02-16

Effective Date: October 3, 2016

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

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



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

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

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

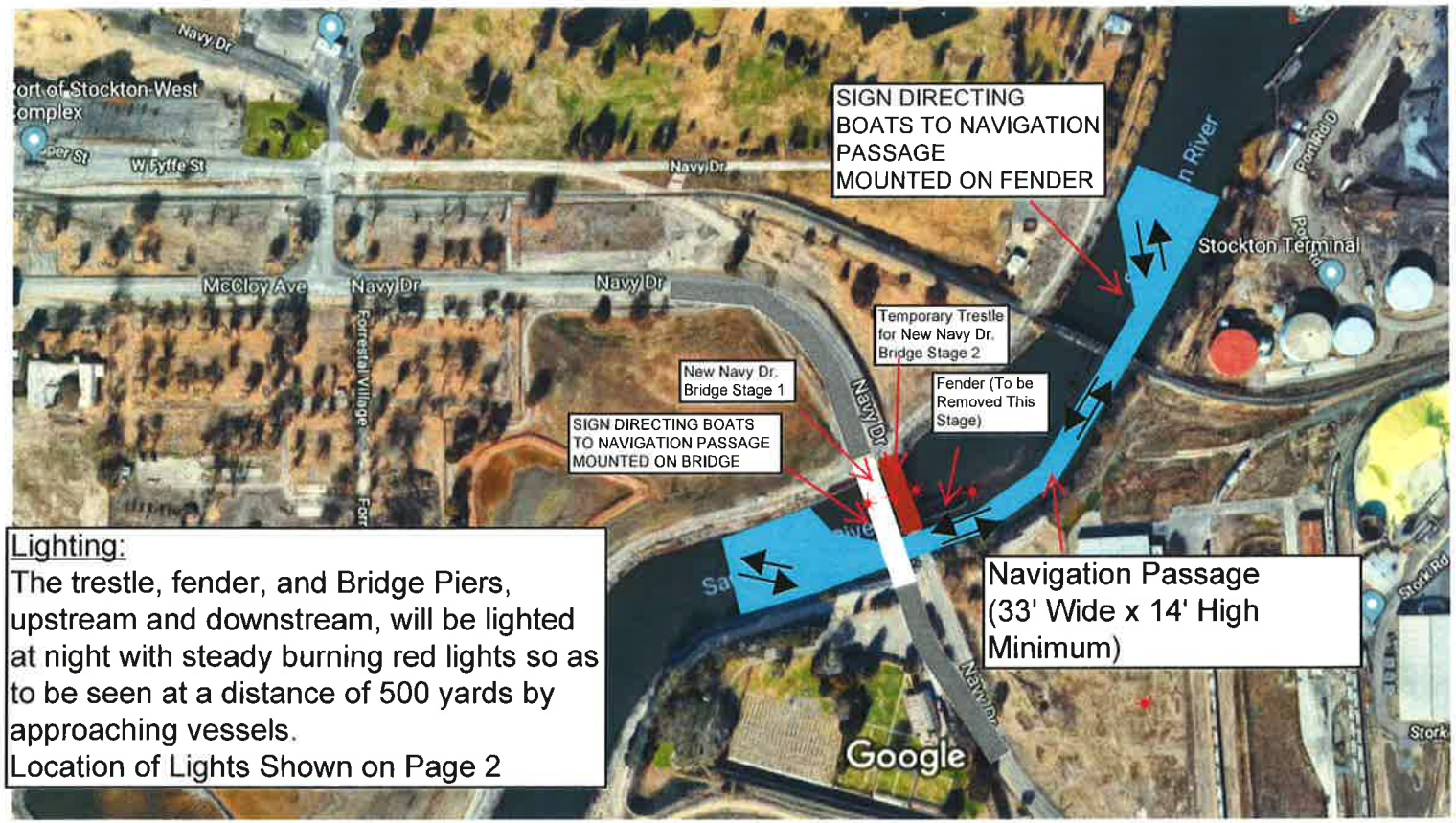
If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11MarineEventsSD@uscg.mil.

Sincerely,

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

Construction Lighting Diagram Navy Dr Replacement Project Mile 39.8, San Joaquin River

During bridge replacement project, the navigation span will provide 33 feet of horizontal clearance and 14 feet of vertical clearance at Mean High Water. The limiting clearance will be the railroad bridge and not the new Navy Drive Bridge



Imagery ©2018 Google, Map data ©2(

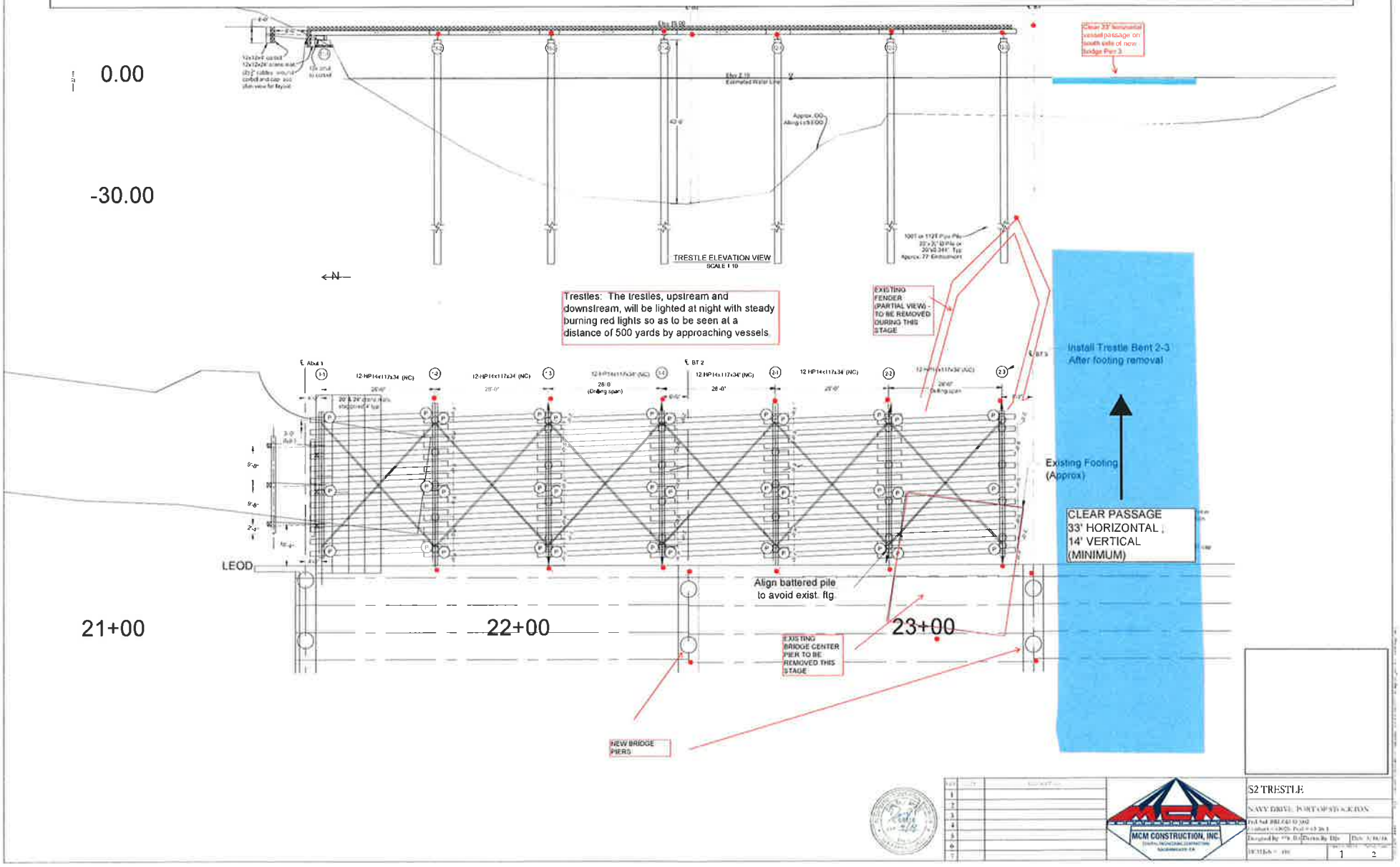
Lighting:

The trestle, fender, and Bridge Piers, upstream and downstream, will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels.

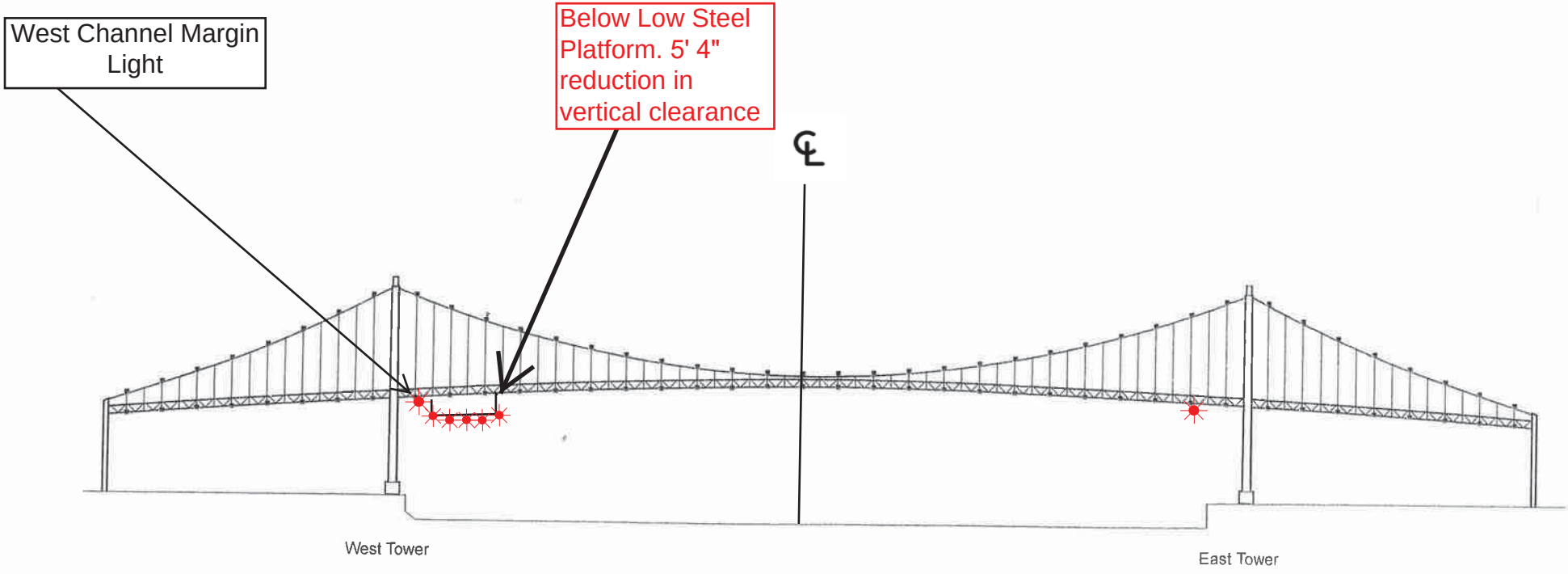
Location of Lights Shown on Page 2

Construction Lighting Diagram
Navy Dr Replacement Project
Mile 39.8, San Joaquin River

During bridge replacement project, the navigation span will provide 33 feet of horizontal clearance and 14 feet of vertical clearance at Mean High Water.



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



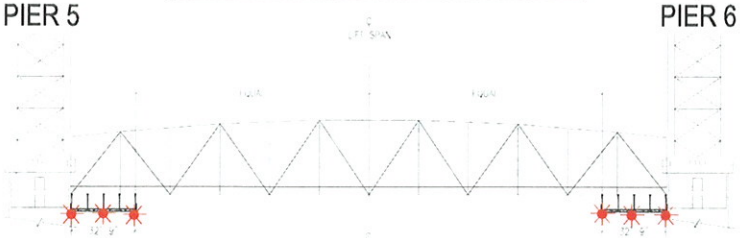
A 180 foot long under deck temporary platform will reduce vertical clearance by 5' 4". Each corner and every 50 feet along the the upstream and downstream side of the platform will lighted at night with steady burning red lights visible at 2000 yards by approaching vessels. In a duration of 1-year the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

BRIDGE NO. 20-0024
SACRAMENTO RIVER BRIDGE IN RIO VISTA
DISTRICT 3 ON ROUTE 12
CONTRACT NO. 03-3F5704
03-SAC, SOL-12-0.0/0.4&26.3/26.4

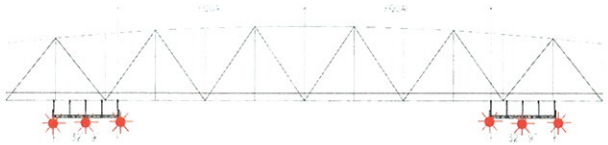
Main Span Painting
Rio Vista Drawbridge
Mile 12.8
Sacramento River

PIER 5 PIER 6

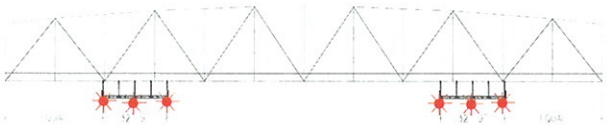
PHASE 1



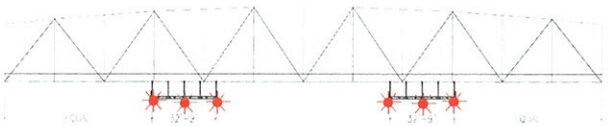
PHASE 2



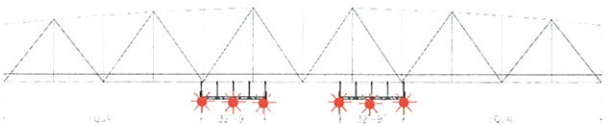
PHASE 3



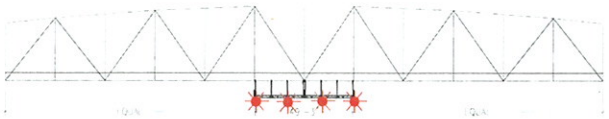
PHASE 4



PHASE 5



PHASE 6



BALANCING TABLE

Below deck work platforms, installed beneath the main span at various locations, will reduce vertical clearance by 4 feet. The upstream and downstream lower edges of the platforms are lighted at night with steady burning red lights, visible at 2,000 yards by approaching vessels.

REVISIONS	
NO.	DATE
1	5-15-18

LIFT SPAN BALANCING DESIGN PLAN
RIO VISTA BRIDGE - LIFT SPAN
RIO VISTA, CA
CERTIFIED COATINGS CO.

CERTIFIED COATINGS CO
2320 CORDELIA ROAD
FAIRFIELD, CA 94518
PHONE (925) 685-1550
FAX (925) 671-7035

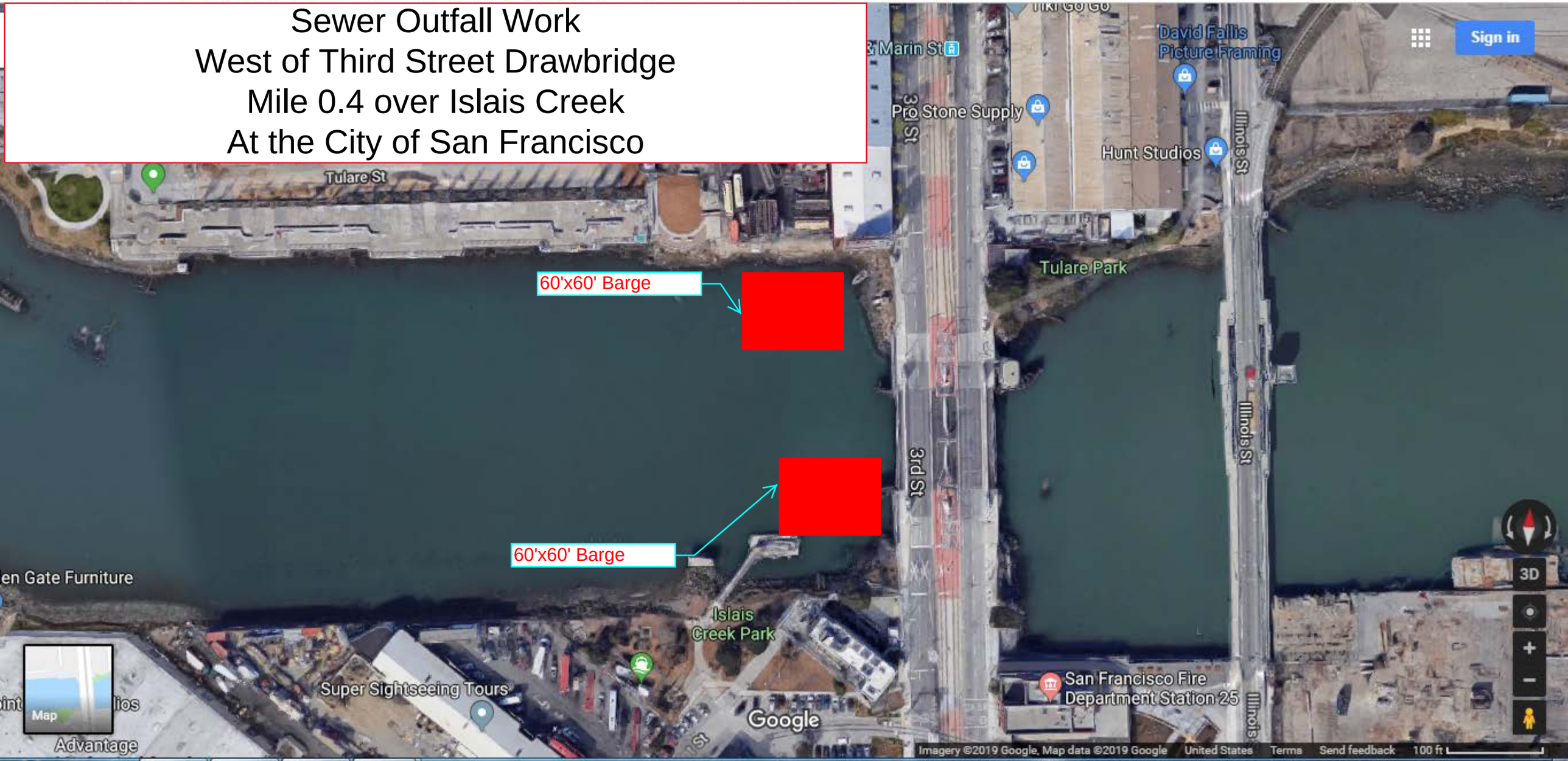
5/7/18

DHC
DHI CHARLES ENGINEERING INC
135 Limpet Drive, Suite C
Encinitas, CA 92007
(760) 436-9705 www.charlesengineering.com

DATE: 2-22-18
DRAWN BY: CMY
CHECKED BY: JIR
SHEET 3 OF 3
DRAWING NO.: 17-2073H REV 1

5/7/18

Sewer Outfall Work
West of Third Street Drawbridge
Mile 0.4 over Islais Creek
At the City of San Francisco



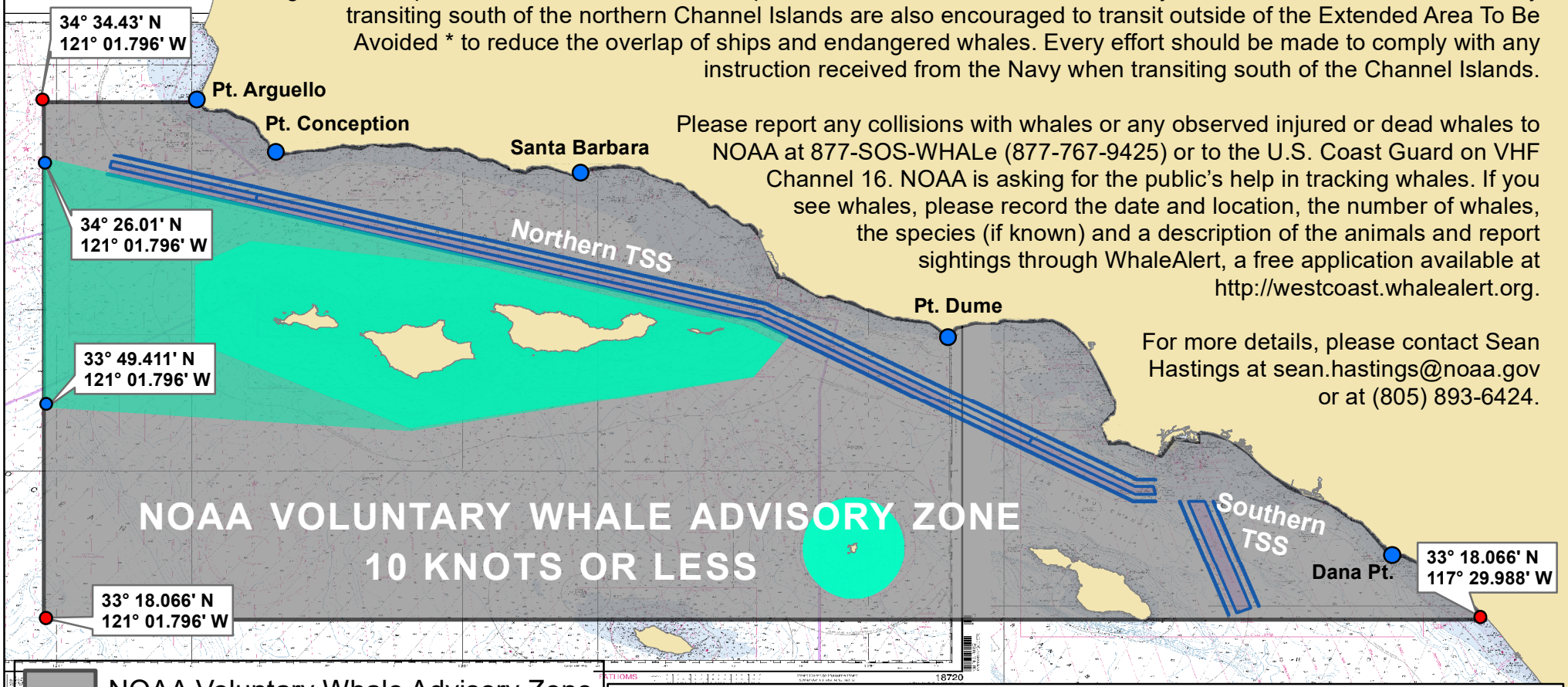
VOLUNTARY WHALE ADVISORY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

NOAA recommends that vessels 300 gross registered tons or larger transiting the Whale Advisory Zone do so at speeds not in excess of 10 kts from May 15 – November 15, 2019. These areas contain populations of endangered blue, humpback, and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq).

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

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

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



NOAA Voluntary Whale Advisory Zone

Extended Area To Be Avoided (ATBA)

Existing Areas To Be Avoided (ATBA)

Traffic Separation Scheme (TSS)

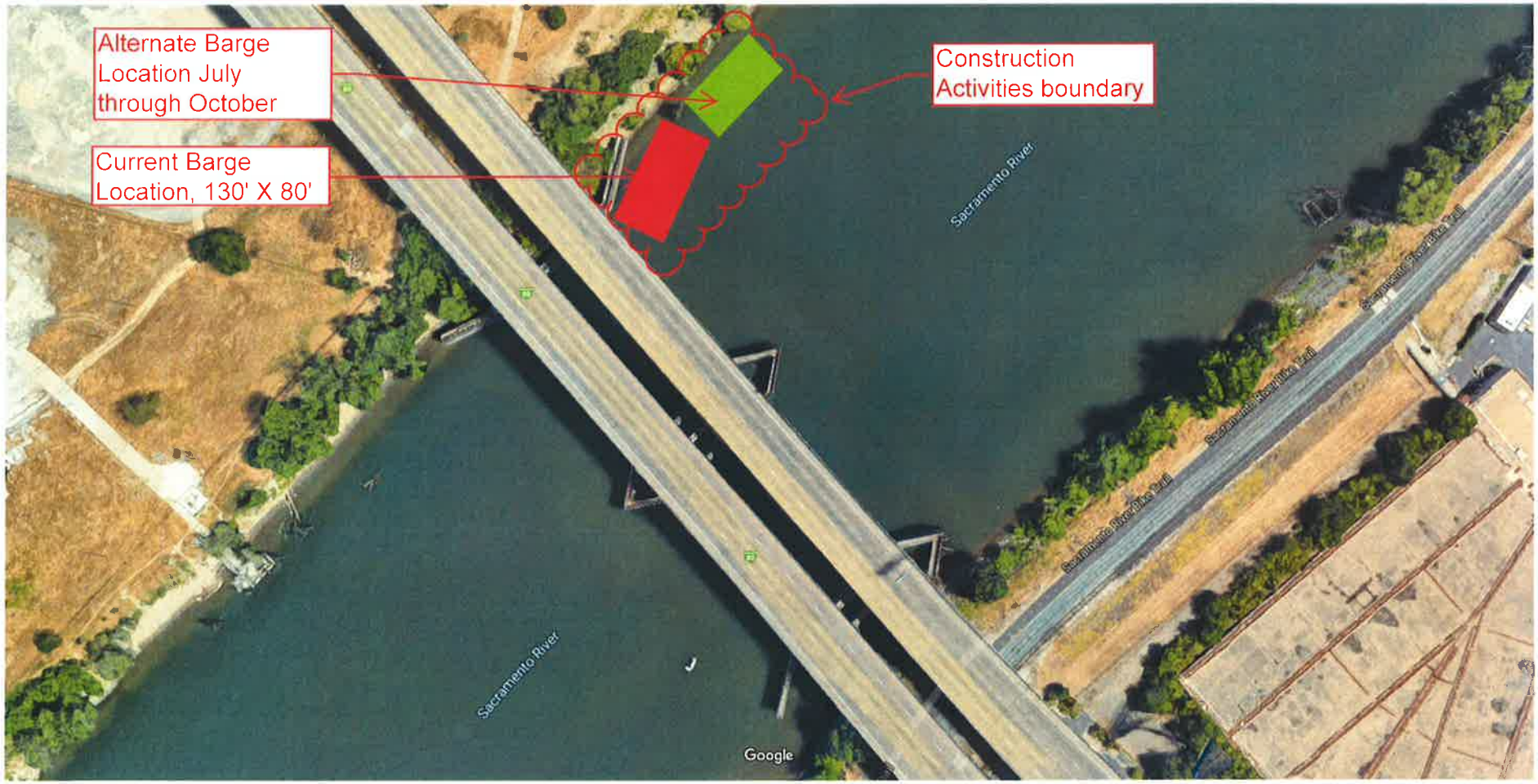
* NOTE: Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area and the Navy advises that continuous hazardous operations may take place at any time on the U.S. Navy Pacific Missile Test Range. Please see pages 3-2, 5-8, and 5-9 of the Special Local Notice to Mariners, 11th District for more information regarding the U.S. Navy Operating Areas and the Voluntary Western Traffic Lanes at: https://www.navcen.uscg.gov/pdf/lnms/D114823-001_Special_Notice_Mariners_District_Eleventh_Indefinite.pdf

NOAA Charts 18720 and 18740

Chart not for navigational purposes.

19 JUNE 2019

Temporary Barge Mooring
Pioneer Bridge, mile 58.2, Sacramento River



Two work barges, 130' X 80' will be temporarily moored northwest of the Pioneer Bridge on the West Sacramento river bank during the replacement of the pier protection system project at the Tower Drawbridge. The outboard corners of the barges will be lighted at with steady burning white lights so as to be seen by approaching vessels at 2,000 yards.

VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES

NOAA Sanctuaries request vessels 300 gross registered tons or larger transit the San Francisco Traffic Separation Scheme (SF TSS) at 10 knots or less from May 1 - November 15, 2019. 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). NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the SF TSS do so at speeds not in excess of 10 knots.

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

If you see whales, please record sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

NOAA Cordell Bank National Marine Sanctuary

38° 10' 14" N -123° 20' 29" W

38° 06' 92" N -123° 21' 82" W

10 KTS

NOAA Greater Farallones National Marine Sanctuary

37° 34' 37" N -123° 04' 49" W

10 KTS

37° 31' 87" N -123° 02' 40" W

10 KTS

37° 18' 89" N -122° 44' 26" W

37° 18' 36" N -122° 39' 14" W

NOAA Monterey Bay National Marine Sanctuary

California, U.S.A.

2019 Vessel Speed Reduction (VSR) Zones

San Francisco Traffic Separation Scheme

NOAA National Marine Sanctuary Boundary

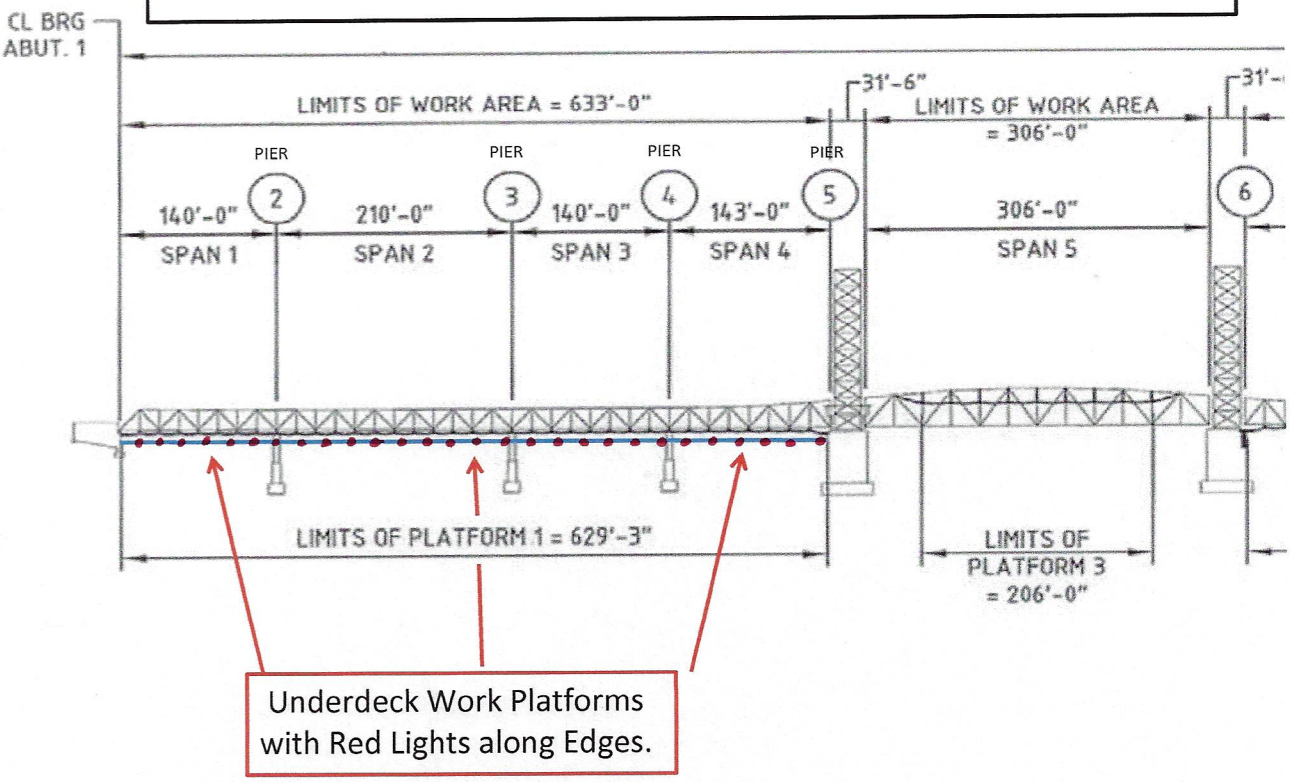
0 5 10 20 30 40 Miles

For more details, please contact Michael Carver at michael.carver@noaa.gov

Basemap: NOAA Chart 18010
This map is not to be used for navigational purposes

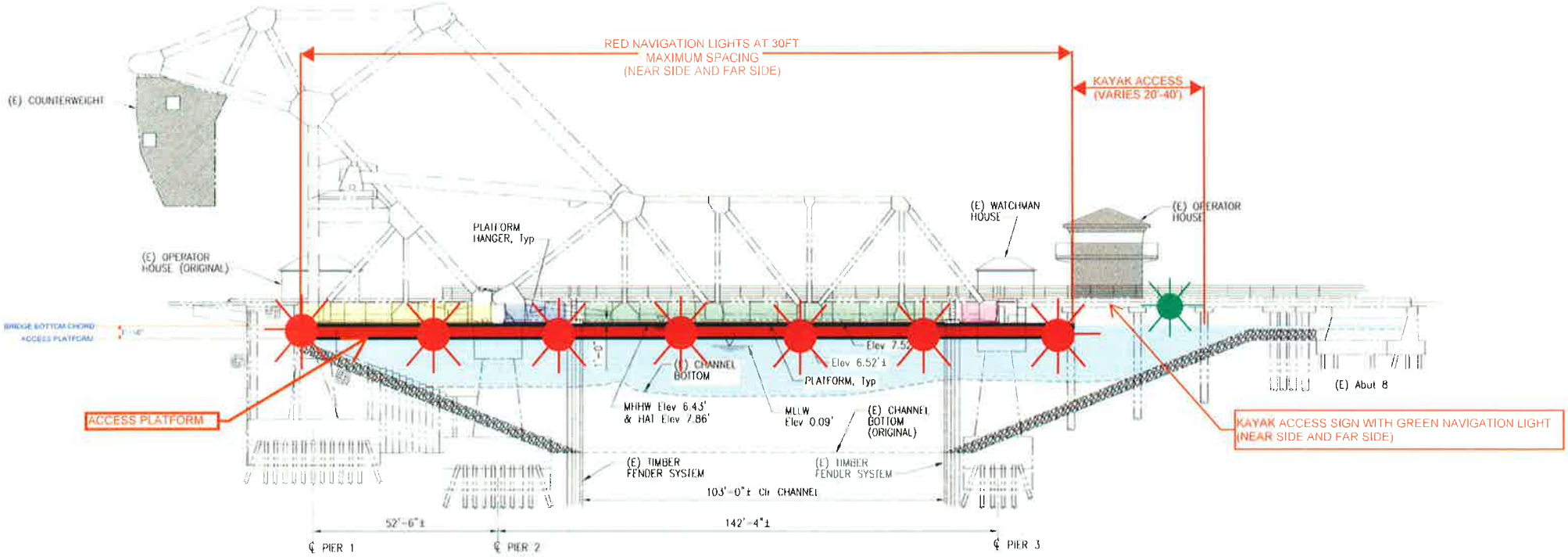
Cleaning and Repainting Project
Rio Vista Drawbridge
Mile 12.8
Sacramento River

Below deck work platforms, installed from Western shore (Abutment No. 1) to the drawspan (Pier 5) will reduce the vertical clearance by 4 feet. The upstream and downstream lower edges of the platforms are lighted at night with steady burning red lights, spaced every 30 feet, visible at 2,000 yards



Span 1 thru Span 4

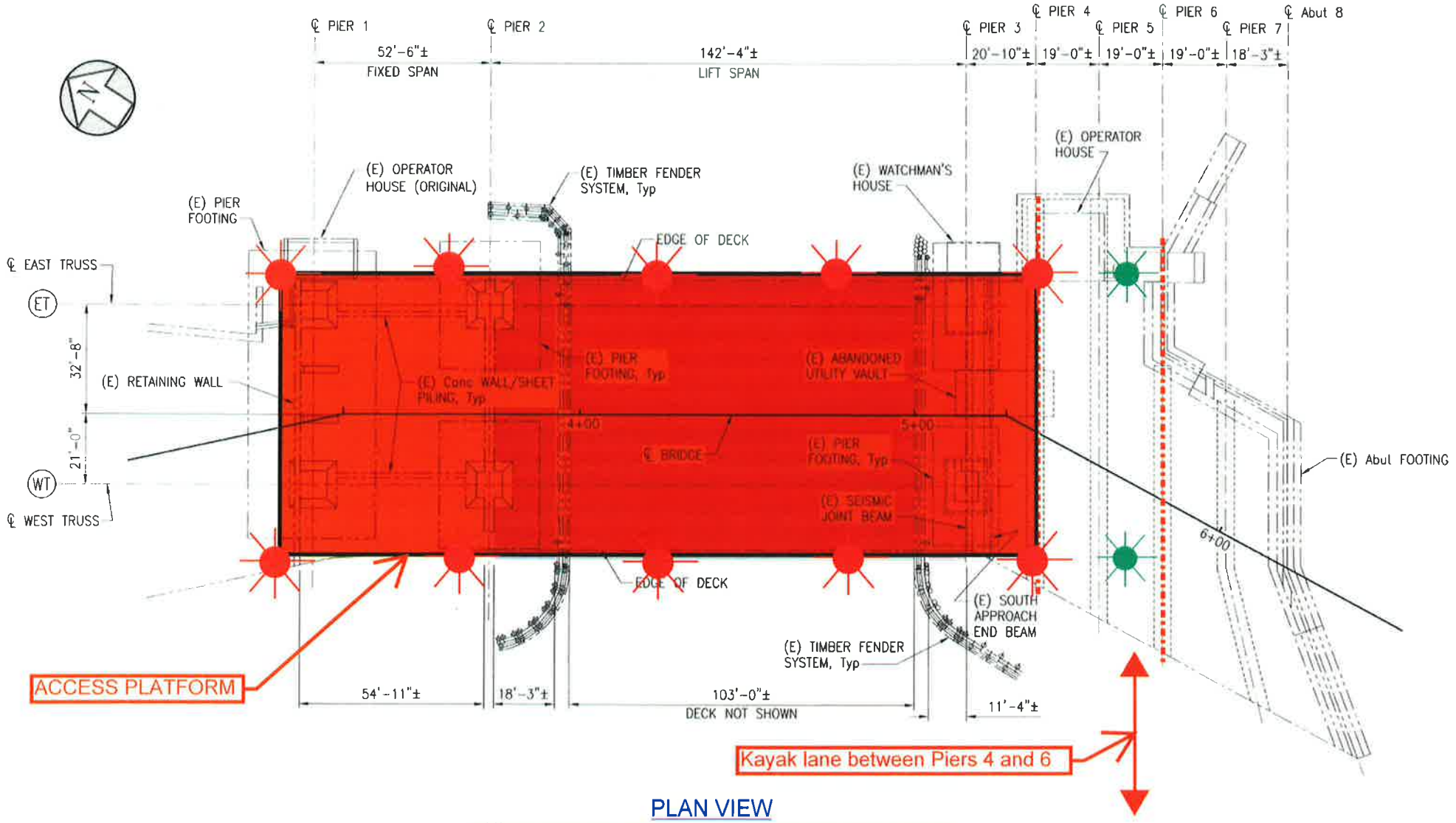
Under Deck Work



ELEVATION VIEW
THIRD STREET BRIDGE WITH ACCESS PLATFORM

3rd St Drawbridge Rehabilitation
Platform Lighting Plan and Alternate Channel

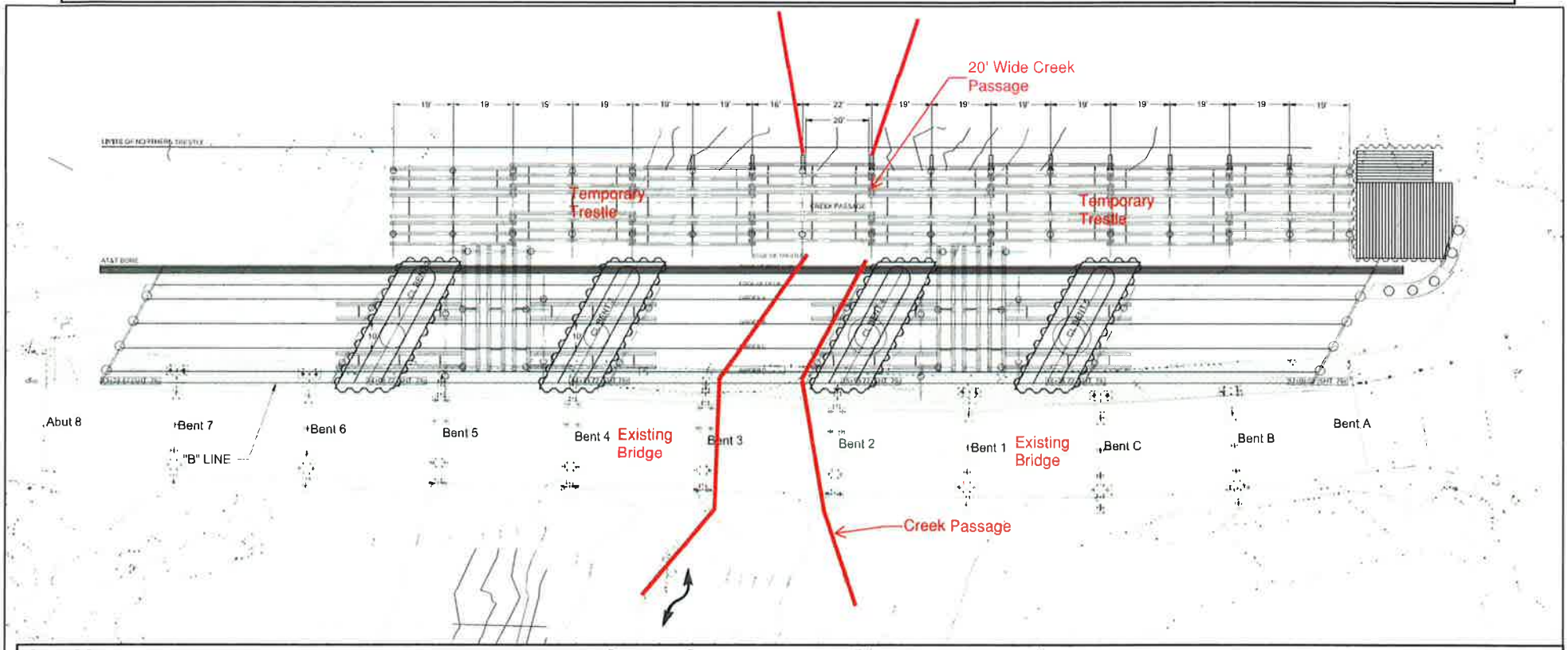
Platforms installed below low steel of the bridge reduces vertical clearance by 1.5 feet. The upstream and downstream lower edges of the platform is lighted at night with steady burning all-round red lights. An alternate channel south of the operators house, marked upstream and downstream with a all round green light, is available for small vessels to pass during rehabilitation.



PLAN VIEW

THIRD STREET BRIDGE WITH ACCESS PLATFORM

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



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

MARINE SAFETY/SECURITY INFORMATION BULLETIN (MSIB) 18-02

September 24, 2018

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

Air Draft Situational Awareness

U.S. Coast Guard Sector San Francisco has observed a recent trend of marine casualties involving vessel allisions with overhead power lines. The Captain of the Port is releasing this bulletin as a reminder of the importance of mariners maintaining situational awareness of their vessel's air draft, including that of movable equipment onboard. Staying vigilant of overhead obstructions crossing waterways in relation to your vessel's air draft is essential to navigational safety.

Air draft (draught) is a term used to describe the distance from the top of a vessel's highest point to its waterline. Vertical clearance is the distance in excess of the air draft that allows a vessel to pass safely under a bridge or overhead obstruction. **The consequences of failing to consider air draft and to properly calculate a vessel's vertical clearance under bridges, power lines, and other obstructions encountered during a passage can be catastrophic.**

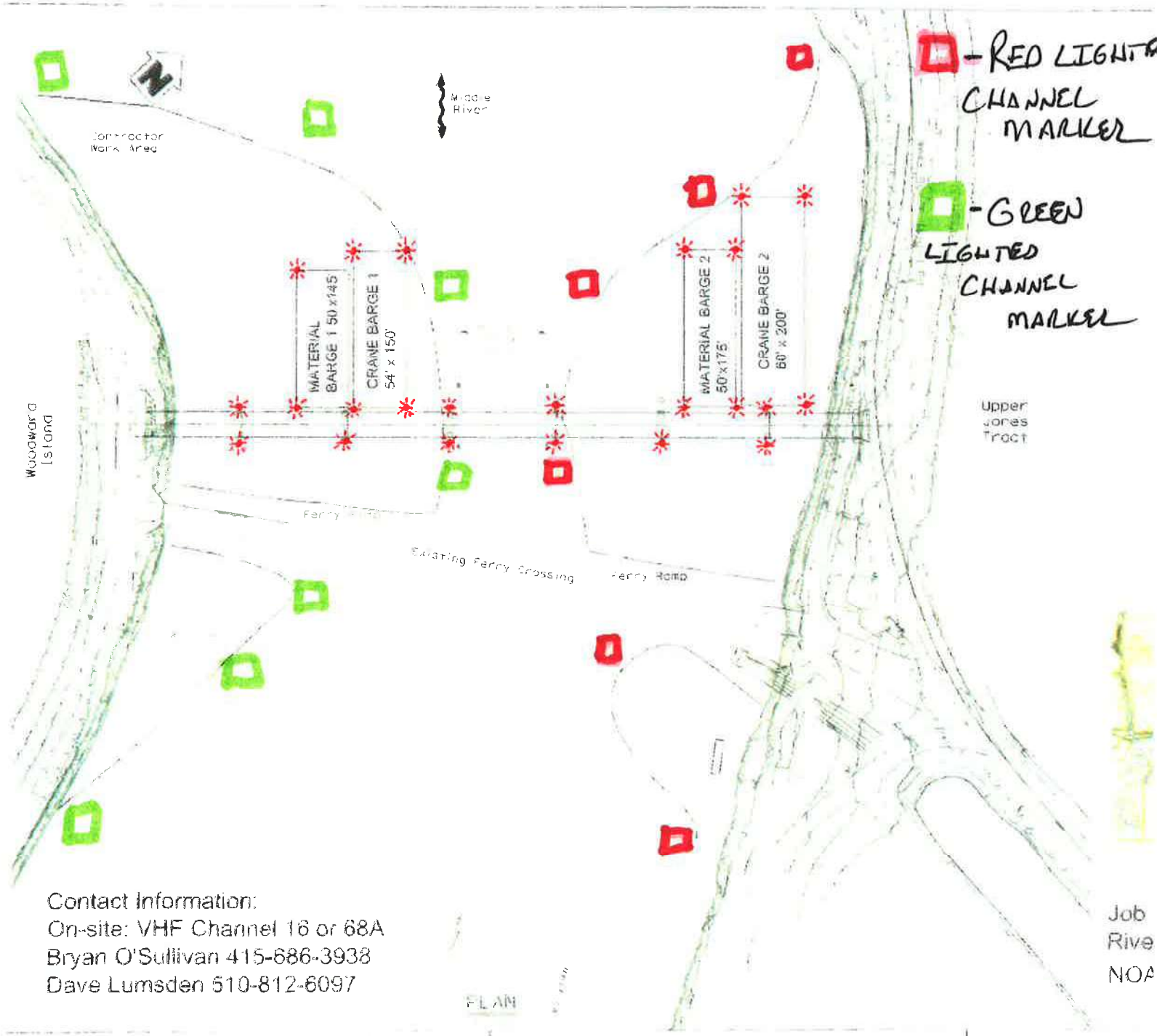
U.S. Coast Guard Sector San Francisco recommends that all vessel operators remain cognizant of their air draft at all times. More precisely, the calculation from both the vessel's highest fixed point and highest movable point to safely clear all overhead obstructions encountered while maneuvering in the San Francisco Bay Area is of paramount importance.

Additionally, it is recommended that vessel operators ensure they have the most current nautical charts and publications onboard. A link to these publications, which include authorized overhead clearances, can be found at http://www.charts.noaa.gov/InteractiveCatalog/nrnc/shtml.

For additional information regarding this bulletin, please contact the U.S. Coast Guard Sector San Francisco Investigations Division at SectorSF.Investigations@uscg.mil / (510) 813-9636, the Domestic Vessel Inspections Branch at SectorSF.Domestic.Insp@uscg.mil / (510)-207-1495, or the Waterways Management Division at SFWaterways@uscg.mil / (415) 871-9051.

Sincerely

A. J. CERAOLO
Captain, U.S. Coast Guard
Captain of the Port of San Francisco & Northern California
U.S. Coast Guard Sector San Francisco



Location: 37-55-11N, 121-31-01W

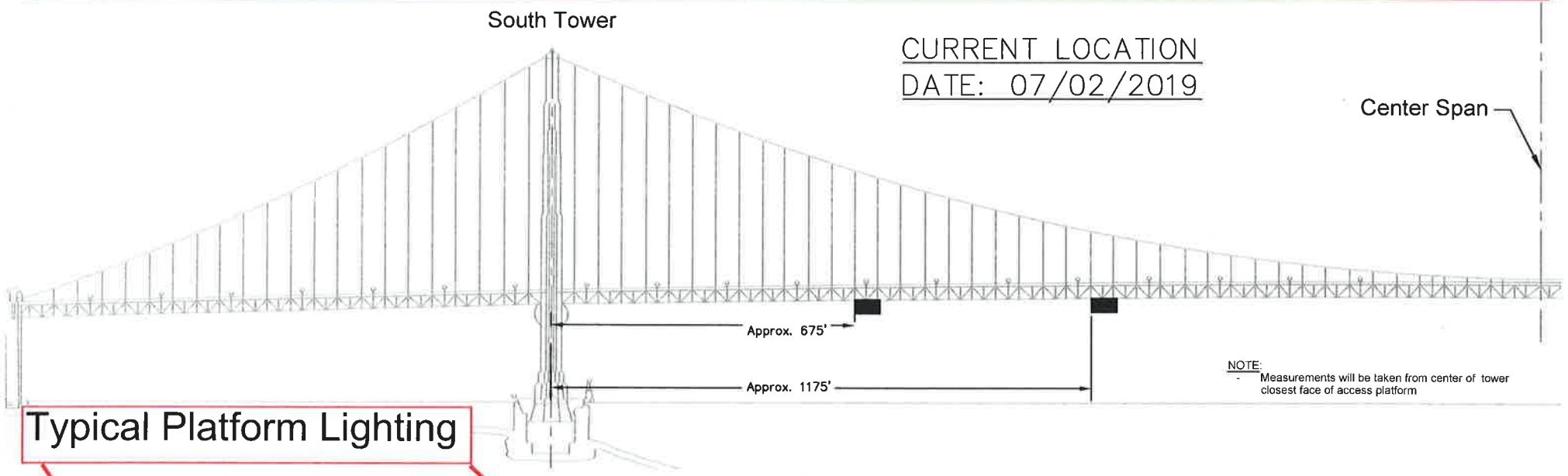
Woodward Island Bridge Project

Normal Cha

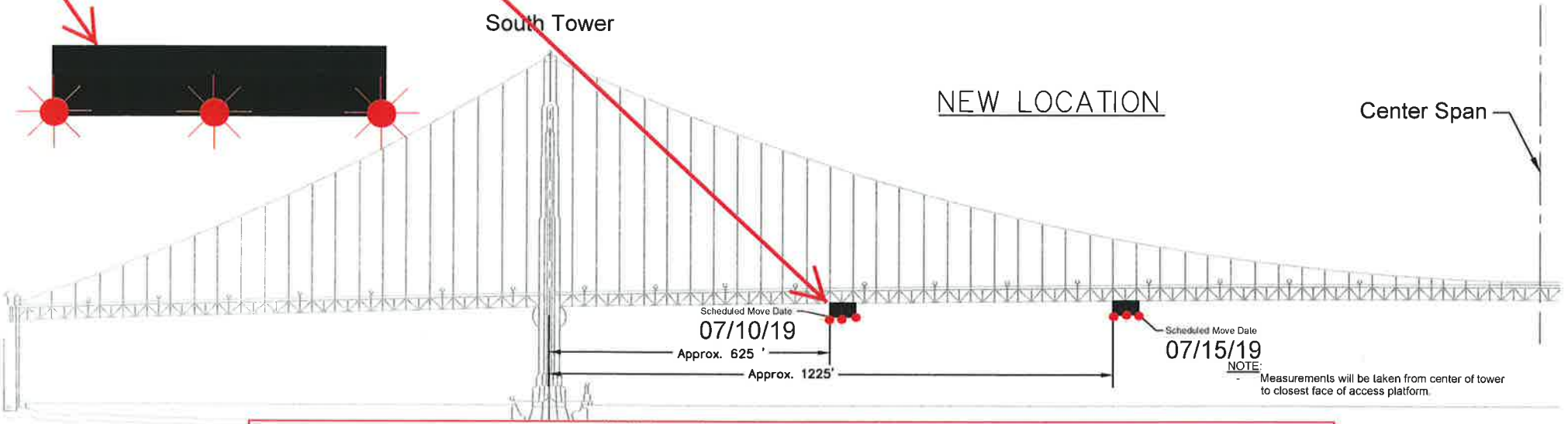
USCG NAVIGATIONAL LIGHTING PLAN

ENCLOSURE (1)

Temporary Access Platforms
Golden Gate Bridge, Mile 2.5, San Francisco Bay
Revised 11 Jul 19

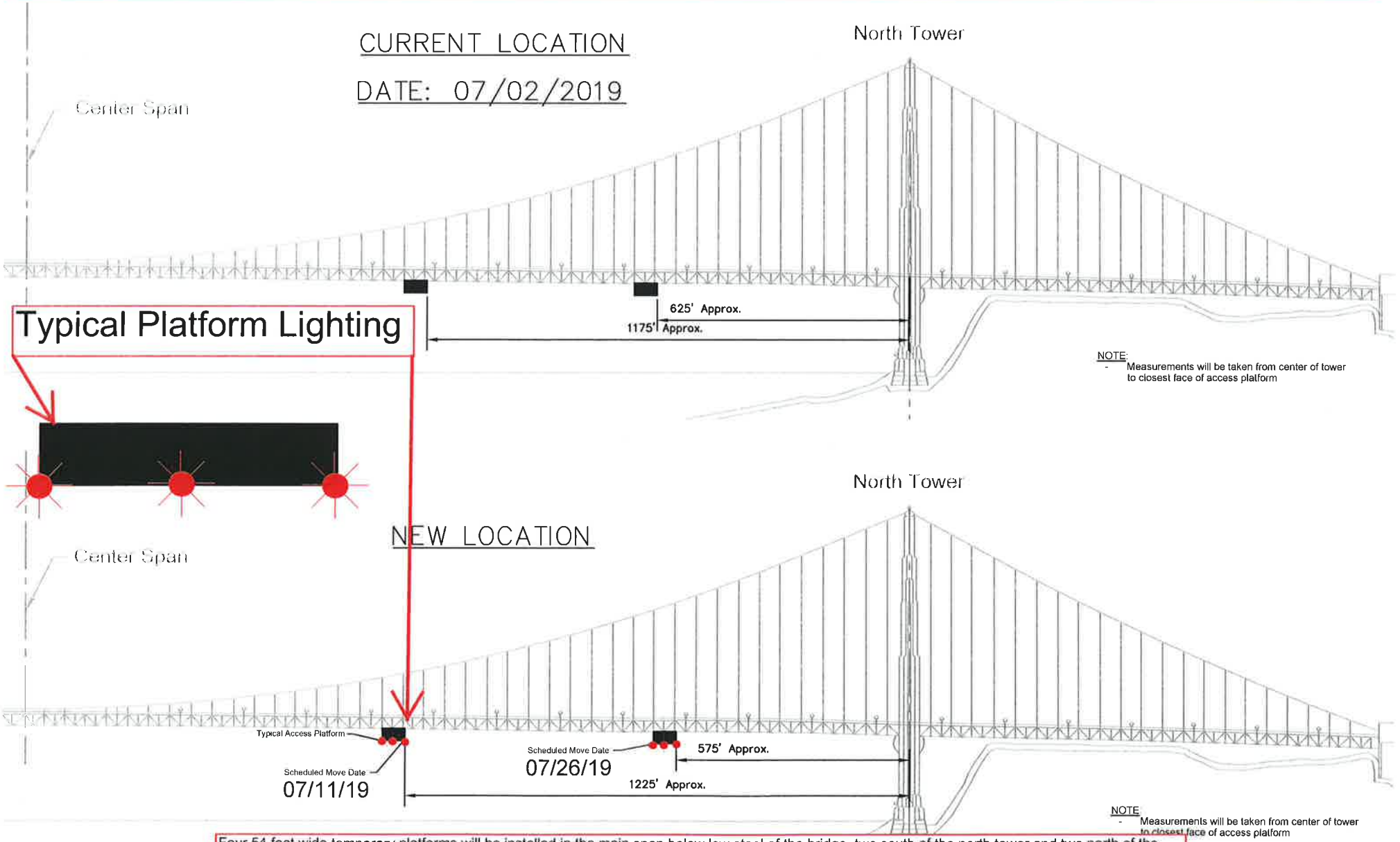


Typical Platform Lighting



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

Temporary Access Platforms
Golden Gate Bridge, Mile 2.5, San Francisco Bay
Revised 11 Jul 19



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