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

LOCAL NOTICE TO MARINERS

District: 11 Week: 19/18

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: http://https://nauticalcharts.noaa.gov/

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0005-18, SF-0079-18, LA-0066-18, and SD-0046-18 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 Adam Claude 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.

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.

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 Channels 13 and 16 and, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Chart 18649 LNM: 45/16

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

NOAA Sanctuaries requests a voluntary Vessel Speed Reduction until 15 Nov 18 within the San Francisco Traffic Seperation Scheme (SF TSS). 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.). 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

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-0168-16	52/16	
5	Point Loma Light	REDUCED INT	18773	SD-0100-17	36/17	
185	**Anacapa Island Light**	**LT EXT**	**18729**	**LA-0064-18**	**19/18**	
275	NOAA Environmental Lighted Buoy 46028	OFF STA	18700	SF-0194-17	36/17	
365	Mile Rocks Light	LT EXT	18649	SF-0251-17	49/17	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1825	**San Diego Bay Channel Buoy 22A**	**LT IMCH**	**18773**	**SD-0046-18**	**19/18**	
2015	**San Diego Bay Channel Lighted Buoy 33**	**LT IMCH**	**18773**		**19/18**	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
4245	Mile Rocks Light	LT EXT	18649	SF-0251-17	49/17	
4650	Oakland Outer Harbor Light 9	MISSING/TRLB	18650	SF-0051-18	13/18	
4750	Alameda Naval Air Station Channel Entrance Lighted Buoy 2	BUOY DMGD	18650	SF-0228-17	44/17	
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18651	SF-0153-15	34/15	
5240	Redwood Creek Light 13	STRUCT DMGD/TRLB	18651	SF-0201-17	41/17	
5460	Berkeley North Breakwater Light 4	LT EXT	18653	SF-0035-17	05/17	
5885	San Pablo Bay Channel Light 5	MISSING/TRLB	18654	SF-0193-17	36/17	
5895	Point Pinole Light P	DAYMK DMGD	18654	SF-0123-16	26/16	
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	
6325	Suisun Bay North Channel Light 2	STRUCT DMGD/TRLB	18657	SF-0004-14	01/14	
6665	San Joaquin River Daybeacon 1	STRUCT DEST/TRUB	18659	SF-0017-16	04/16	
6760	San Joaquin River Light 25	STRUCT DEST/TRLB	18660	SF-0083-15	21/15	
6865	San Joaquin River Light 47	MISSING/TRLB	18660	SF-0023-18	06/18	
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15	
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-18	18/18	
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0119-17	22/17	

7125	Stockton Channel Range J Rear Light	REDUCED INT	18663	SF-0012-17	03/17
7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17
7690	Sacramento River Light 9	STRUCT DMGD	18662	SF-0066-18	15/18
7780	Bodega Harbor Channel Light 2	STRUCT DMGD	18643	SF-0184-17	34/17
7865	Bodega Harbor Channel Daybeacon 18	STRUCT DMGD/TRLB	18643	SF-0256-17	50/17
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14
8386	Crescent City Harbor Light 9	STRUCT DMGD/TRLB	18603	HB-0002-18	05/18

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
485	Blunts Reef Lighted Bell Buoy 40	WATCHING PROPERLY	18623	HB-0005-18	18/18	19/18
3132	Terminal Island Channel Lighted Buoy 1	WATCHING PROPERLY	18751	LA-0062-18	19/18	19/18
4100	Santa Cruz Harbor Buoy 3	WATCHING PROPERLY	18685	SF-0076-18	18/18	19/18
5348	San Francisco Bay North Channel Lighted Buoy 1	RESET ON STATION	18650	SF-0073-18	18/18	19/18
8135	Humboldt Bay Lighted Bell Buoy 2	WATCHING PROPERLY	18622	HB-0003-18	08/18	19/18

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
187	Platform Gail Racon	RAC INOP	18725	LA-0045-18	14/18	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
2848	Harbor Bait Barge Lighted Mooring Buoy "LB"	MISSING	18749		16/18	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
288	Monterey Bay (MBARI) Lighted Buoy (M1)	WATCHING PROPERLY	18685		18/18	18/19
381	Scripps Waverider Lighted Research Buoy 029	RESET ON STATION	18645		04/18	19/18
4420	San Francisco-Oakland Bay Bridge Pier A Fog Signal	WATCHING PROPERLY	18650	SF-0064-18	15/18	19/18

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
280	Point Sur Light	Reduced Intensity	18686	SF-0045-17	06/17	

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	Source of Correction	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.

18605 **13th Ed.** **01-DEC-10** **Last LNM: 50/08** **NAD 83** **19/18**

ChartTitle: **Trinidad Harbor**

Main Panel 1805 TRINIDAD HARBOR. Page/Side: N/A

ADD	Trinidad Head Mooring Buoy ADD "CG"	CGD11	at 41-02-50.030N	124-08-21.255W

18620 **24th Ed.** **01-FEB-12** **Last LNM: 49/08** **NAD 83** **19/18**

ChartTitle: **Point Arena to Trinidad Head;Rockport Landing;Shelter Cove**

CHART CA - Point Arena to Trinidad Head. Page/Side: N/A

ADD	Shelter Cove Mooring Buoy ADD "CG"	CGD11	at 40-00-36.000N	124-03-00.000W

18647 **16th Ed.** **01-MAR-09** **Last LNM: 03/08** **NAD 83** **19/18**

ChartTitle: **Drakes Bay**

Main Panel 1821 DRAKES BAY. Page/Side: N/A

ADD	Drakes Bay Mooring Buoy DB White ADD "CG"	CGD11	at 38-00-13.791N	122-58-02.588W

18653 **12th Ed.** **01-OCT-12** **Last LNM: 32/14** **NAD 83** **19/18**

ChartTitle: **San Francisco Bay-Angel Island to Point San Pedro**

Main Panel 1939 SAN FRANCISCO BAY ANGEL ISLAND TO POINT SAN PEDRO. Page/Side: N/A

CGD11

	ADD	Paradise Cay Mooring Buoy ADD "CG"		at 37-54-22.740N	122-27-43.182W
	ADD	Sausalito Coast Guard Mooring Buoy 1 ADD "CG"	CGD11	at 37-51-05.100N	122-28-22.800W

18661 **30th Ed.** **01-MAR-09** **Last LNM: 12/12** **NAD 83** **19/18**

ChartTitle: **Sacramento and San Joaquin Rivers Old River, Middle River and San Joaquin River extension;Sherman Island**

Main Panel 1855 SACRAMENTO AND SAN JOAQUIN RIVERS. Page/Side: B

(Temp)	ADD	Sacramento River Deep Water Ship Channel Light 50 Red Temporary Lighted Buoy in postion 38-13-43.766N 121-40-25.010W Fl R 4s 12 Ft, 3 Naut Mi	CGD11	at 38-13-43.710N	121-40-25.041W

18662 **22nd Ed.** **01-MAY-09** **Last LNM: 21/09** **NAD 83** **19/18**

ChartTitle: **Sacramento River Andrus Island to Sacramento**

Main Panel 1857 SACRAMENTO RIVER ANDRUS ISLAND TO SACRAMENTO. Page/Side: N/A

(Temp)	ADD	Sacramento River Deep Water Ship Channel Light 50 Red Temporary Lighted Buoy in postion 38-13-43.766N 121-40-25.010W Fl R 4s 12 Ft, 3 Naut Mi	CGD11	at 38-13-43.710N	121-40-25.041W

18721 **12th Ed.** **01-DEC-09** **Last LNM: 08/12** **NAD 83** **19/18**

ChartTitle: **Santa Cruz Island to Purisima Point**

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

	ADD	Cojo Anchorage Mooring Buoy Cg-1 ADD "CG"	CGD11	at 34-26-43.220N	120-26-32.918W

18744 **33rd Ed.** **01-AUG-10** **Last LNM: 16/09** **NAD 83** **19/18**

ChartTitle: **Santa Monica Bay;King Harbor**

Inset 1896 KING HARBOR. Page/Side: N/A

	ADD	Malibu CG Mooring Buoy ADD "CG"	CGD11	at 34-02-05.600N	118-40-13.200W

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)

ANAHEIM BAY - TEMPORARY AID DISESTABLISHMENT

The U.S. Coast Guard is proposing to disestablish Anaheim Bay East Jetty Lighted Buoy 6 due to the rebuild of Anaheim Bay East Jetty Light (LLNR 2805) on 19 Apr 18. The U.S. Coast Guard is seeking public comment on this change. Please direct questions, comments or concerns to BMC Gordon Laing at 510-437-2958 or Gordon.A.Laing@uscg.mil.

Chart 18749 LNM: 17/18

HUMBOLDT BAY - TEMPORARY AID DISESTABLISHMENT

The U.S. Coast Guard is proposing to convert Humboldt Bay Lighted Bell Buoy 2 (LLNR 8135) to a seasonal aid due to continued off-station reports after extreme weather fronts. The aid will be temporarily disestablished from November thru May of each year. The physical buoy will be positioned and on-station from May thru November of each year. A Synthetic AIS for the aid position is active and will be available year-round for this aid position.

The U.S. Coast Guard is seeking public comment on this temporary change. The U.S. Coast Guard also proposes an alternative solution and requests public comment on permanently disestablishing this aid and maintaining the Synthetic AIS in place. Please direct questions, comments or

concerns to LT Amber Napralla, 510-437-3801 or amber.l.napralla@uscg.mil.

Charts: 18620 18622 LNM: 09/18

LA/LB LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Vicente Light (LLNR 170) to an LED with a 14nm range. Date of implementation of this change will be published once scheduled. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Charts: 18020 18022 18740 18746 LNM: 34/15

NEWPORT BAY - PROPOSED ATON DISCONTINUANCE

The U.S. Coast Guard is discontinuing Newport Bay Channel Light 5 (LLNR 2450), Newport Bay Channel Light 6 (LLNR 2455), Newport Bay Channel Lighted Buoy 8 (LLNR 2460), Newport Bay Channel Light 10 (LLNR 2465), Newport Bay Channel Light 11 (LLNR 2470) and Newport Bay Channel Light 12 (LLNR 2475). The City of Newport has requested to take ownership, remove pile markers and establish lighted Private Aids to Navigation (PATON) buoys for all listed aids in Newport Bay due to concerns of vessel safety and to improve channel marking. Please direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Chart 18754 LNM: 31/17

POINT SUR - LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Sur Light (LLNR 280) to an LED with a 14nm range. Date of implementation will be published once scheduled. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Charts: 501 18020 18680 18686 LNM: 41/17

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 35-11-33.64N 114-34-16.39W 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

CALIFORNIA-MANCHESTER AND HERMOSA BEACH-SURVEY OPERATIONS

Fugro United States of America Marine Inc. will be conducting a side scan sonar and multibeam echo sounder survey off the coast of Manchester and Hermosa Beach in the vicinity of 38-57-00N 123-46-00W and 33-52-00N 118-25-00W respectively. Survey will last approximately 5 days for each location during daylight hours and finish on 30 Jun 18. The M/V FURGO SUPPORTER will be towing a 3,000' cable and monitoring VHF-FM Chan. 16. During operations, vessel be restricted in ability to maneuver. Mariners are requested to transit the area with caution. For more information contact Eddie Stutts or Cindy Pratt at 805-650-7000.

Charts: 18620 18640 18744 LNM: 18/18

COLORADO RIVER-BRIDGES

ANGES WILSON BRIDGE-The upriver and downriver red pier lights on the 3rd pier from either shoreline are extinguished.

PARKER HIGHWAY BRIDGE-The upriver and downriver red pier lights near the Arizona side are extinguished.

VETERANS MEMORIAL BRIDGE-The downstream mid-span red pier light is extinguished.

Estimated time of repair unknown. For further information contact the Coast Guard Bridge Office at 510-437-3516.

COLORADO RIVER-BRIDGES

LNM: 14/18

DELTA & RIVERS-GEORGIANA SLOUGH-BRIDGE

GEORGIANA SLOUGH DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1100-1500 on 17 May 18, to allow participants of the AMGEN Tour of California to safely cross without interruption. In the event of an emergency, the drawspan can be operated normally. The bridge provides 14' vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18661 LNM: 19/18

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

SACRAMENTO COUNTY HIGHWAY DRAWBRIDGE AT WALNUT GROVE- The drawspan will be secured in the closed-to-navigation position from 1100-1500 on 17 May 18, to allow participants of the AMGEN Tour of California to safely cross without interruption. In the event of an emergency, the drawspan can be operated normally. The bridge provides 21' vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18662 LNM: 19/18

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

FREEPORT DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1100-1500 on 17 May 18, to allow participants of the AMGEN Tour of California to safely cross without interruption. In the event of an emergency, the drawspan can be operated normally. The bridge provides 29' vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18662 LNM: 19/18

FORT BRAGG-BUOY DEPLOYMENT

Integral Consulting Inc. will deploy one yellow spherical Wave-Rider buoy marked with a FL Y 2s light, offshore in the vicinity of the Fort Bragg at 39-22-04.8N, 123-54-36.0W until 28 Sep 18. The buoy has a watch circle diameter of 500 yds. Mariners are requested to transit the area with caution. For more details or comments contact Levi Kilcher at 303-384-7192.

Chart 18626 LNM: 39/17

LOS ANGELES-BOLSA CHICA-DREDGING

CJW Construction Inc. will be conducting dredging operations in Bolsa Chica inlet, Orange County at 33-41-09N 118-02-01W until 30 Jun 18. Vessel CAT 345 will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Bob Hoffman at 714-454-8965.

Chart 18746 LNM: 14/18

LOS ANGELES-MOORING OPERATIONS

The Sanitation Districts of Los Angeles County have deployed three moorings located on the Palos Verdes Shelf at 33-42-46N 118-21-59W, 33-46-04N 118-25-59W and 33-42-43N 118-20-01W. All three moorings will be in place until 08 Jan 19 and have a surface buoy with 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 ext. 5603.

Chart 18746 LNM: 01/18

NORTHERN CALIFORNIA-CARQUINEZ STRAIT-BRIDGE

BENICIA-MARTINEZ UPRR DRAWBRIDGE – Until further notice, vessels transiting eastbound should provide their advance call to the bridge tender when passing Selby and provide a four digit time for their lift request based on their ETA at Carquinez Strait Light 23 (LLNR 6240). Vessels transiting westbound should continue to provide their advance call to the bridge tender when passing New York Point and provide a four digit time for their lift request based on their ETA at Suisun Bay Channel Light 11 (LLNR 6440). For further information contact the Coast Guard Bridge Office at 510-437-3516 or Coast Guard Vessel Traffic Service at 415-399-7402.

Chart 18656 LNM: 48/17

NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE

JIBBOOM ST BRIDGE-A temporary platform is in place below low steel of the bridge, reducing vertical clearance by 7' through 31 May 18. The upstream and downstream lower edge of the temporary platform will be lighted at night with steady burning red lights (see Jibboom_Platform_Lighting.pdf at the end of this notice). For further information mariners can contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18662 LNM: 51/17

NORTHERN CALIFORNIA-DELTA & RIVERS-BISHOP CUT-BRIDGE

8 MILE RD-The southeast red fender light is extinguished. Estimated time of repair unknown. For further information contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18661 LNM: 19/18

NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE

MILLERS FERRY DRAWBRIDGE-The furthest downstream red dolphin light is flashing red, showing improper characteristic. The two furthest upstream red dolphin lights are extinguished. Estimated time of repair unknown. For further information mariners can contact the Coast Guard

NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE

Bridge Office at 510-437-3514.

Chart 18661 LNM: 06/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

AVAILABILITY OF PUBLIC NOTICE-All interested parties are notified that an application has been received from the California Department of Transportation (Caltrans) by the Commander, Eleventh Coast Guard District for approval of location and plans for the modification of a bridge across 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 Amendment will be required for this project.

WATERWAY AND LOCATION: Sacramento River, mile 33.4, near Courtland, Sacramento County, California (N 38 19.118' W 121 34.662').

Public Notice (11-147), dated April 23, 2018, is being published on the Coast Guard Navigation Website. The public notice contains a detailed description of the proposed bridge modification 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 510-437-3516, by writing to Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg 50-2, Alameda, CA 94501-5100, by email request at Carl.T.Hausner@uscg.mil or by facsimile request at 510-437-5836.

Interested parties are requested to express their views in writing on the proposed bridge modification project and navigational safety issues, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received for the record at the address given in Public Notice (11-147) through May 22, 2018.

Chart 18662 LNM: 17/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

ISLETON DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1200-1300 on 17 May 18, to allow participants of the AMGEN Tour of California to safely cross without interruption. In the event of an emergency, the drawspan can be operated normally. The bridge provides 15' vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18661 LNM: 18/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

PAINTERSVILLE BRIDGE- The upstream vertical clearance gauge and bridge name signs are missing.

PIONEER BRIDGE- The clearance gauges are damaged.

TOWER DRAWBRIDGE-The upstream clearance gauge is damaged below the 21 foot mark.

"I" STREET DRAWBRIDGE-The swing span east alternate red/green light is extinguished.

Estimated time of repair unknown. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3514.

Charts: 18661 18662 LNM: 06/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

ISLETON DRAWBRIDGE-A temporary platform will be installed below low steel just west of the drawspan in order to conduct maintenance work. The temporary platform, reducing verticle clearance of the span by 5.2', will be in place until 07 Jun 2018. The upstream and downstream lower corners of the temporary platform will be lighted at night with steady burning all-round red lights. (see Isleton_Platform_Lighting.pdf at the end of this notice). For further information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 15/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1245-1350 20 May 18,to allow the local community to participate in the Weave Special walk event. In the event of an emergency, the drawspan can be operated normally. The bridge provides 30' vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed positon may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18662 LNM: 19/18

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

REPLACEMENT NAVY DR BRIDGE CONSTRUCTION-Construction of the replacement bridge is in progress. Work will be conducted Monday through Saturday from 0600 to 1900. In-water has ended for the season and will resume in late spring 2018. On-shore and over-the-water work continues. 2 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 swing span. The existing bridge provides 15' of vertical clearance from Mean High Water. Two trestles are in place from each bank out into the river to the newly installed bridge piles. Approximately 33' of horizontal clearance is provided for vessel traffic from the north piers of the replacement bridge to a line parallel to the pivot pier. The upstream and downstream edges of the trestles will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels. The western upstream swing span fender system has been removed. The upstream side of the pivot pier and the first of the upstream newly installed piles will be lighted at night with steady burning red lights. (see Trestle_Lighting_Navy_Dr.pdf in the enclosure section of this notice). Mariners are advised to use the north channel of the bridge; the south channel of the bridge will be impassable during this phase of construction. For conditions at the bridge

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

mariners can contact the contractor at 925-200-9175 or 760-846-5842. For further project information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 29/17

NORTHERN CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE

MCHENRY RD REPLACEMENT - The replacement bridge is complete. Removal of the replaced bridge is in progress and will be completed by 20 Jun 18. In-water work will resume on 15 Jun 18. Containment will be placed beneath the replaced bridge during removal. Two temporary bridges remain in place upstream and downstream of the structures. The eastern temporary bridge will be removed from the waterway by Aug 18. The western temporary bridge will be removed in 2019. Waterway users are being directed, via bouy lines, to the opening in the temporary bridge (see enclosure McHenry_Buoy_Line.pdf at the end of this notice). The temporary bridge provides at least 20' of horizontal clearance and 7' of vertical clearance at ordinary high water. The vertical clearance is subject to fluctuation if upstream dam releases increase or decrease. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

LNM: 29/17

NORTHERN CALIFORNIA-DELTA & RIVERS-STEAMBOAT SLOUGH-BRIDGE

STEAMBOAT SLOUGH BRIDGE-The upstream northeast side vertical clearance gauge is missing. Estimated time of repair unknown. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18662 LNM: 06/18

NORTHERN CALIFORNIA-MONTEREY BAY-SANTA CRUZ HARBOR-BRIDGE

RAILROAD BRIDGE/MURRAY-EATON BRIDGE- The fender system on both bridges are damaged. Estimated time of repair unknown. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18685 LNM: 06/18

NORTHERN CALIFORNIA-MORRO BAY-DREDGING OPERATIONS

The Army Corps of Engineers will be conducting dredging operations in the entrance channel at Morro Bay Harbor until 20 MAY 18. Dredge YAQUINA will monitor VHF-FM Chan. 13 and 16. Call sign for vessel is AEPD. Mariners are requested to transit the area with caution. For more details or comments contact the Army Corps of Engineers Los Angeles District at 213-452-4026.

Chart 18703 LNM: 17/18

NORTHERN CALIFORNIA-MOSS LANDING-WAVEGLIDER DATA COLLECTION

The Monterey Bay Aquarium Research Institute (MBARI) will be conducting 24/7 autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 30 Jun 18. Vehicles will be deployed in the vicinity of Moss Landing and Monterey Bay and 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: 13/18

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-BRIDGE

MILLER-SWEENY (FRUITVALE AVE) BRIDGE-The telephone landline for the bridge has been restored. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 18/18

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

EMBARCADERO RD BRIDGE REPLACEMENT-Bridge replacement construction activities are now in progress from 0700-1700, Monday through Friday until 31 Dec 18. Dry cofferdams have been installed to facilitate removal of the existing bridge and construction of the replacement bridge. The contractor will use 3 to 4, 3' X 7.5' X 30', flexi-float barges during the demolition of the eastern pier (see enclosure Embarcadero_Flexi_Float_Lighting.pdf at the end of this notice). A 66' horizontal clearance for vessels will be maintained during construction. Mariners are urged to use caution when transiting the work site. For on-site conditions contact the contractor at 707-310-0631 and City of Oakland at 510-615-5566 after hours. For more details or comments contact the Coast Guard Bridge Office at 510-347-3515.

Chart 18649 LNM: 20/16

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. Repair work will commence 01 Jun 18. Two 130' X 40' X 10' deck barges and one 145' X 48' X 7' crane barge will be either moored to the bridge or spudded on the north or south side, upstream of the bridge. When not actively working on the bridge, the barges will be moored off-site. The bridge will be secured in the closed-to-navigation position during working hours and fully opened after the work day. Work will be conducted Monday through Friday, 0700 to 1500. During the working hours, mariners can call 707-280-0862, 30 minutes prior to transiting the work site, for a bridge opening.

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

For further information, contact the Coast Guard Bridge Office at 510-437-3516.

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

Chart 18654 LNM: 10/18

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

NORTHWESTERN PACIFIC (SMART) BASCULE BRIDGE-The Coast Guard is instituting a test deviation to determine if a proposed change in the operating schedule that governs the drawbridge is appropriate.

The test deviation will be in effect until 0600 17 June 18. During this time the draw of the SMART bascule bridge over the Petaluma River, mile 12.4, will open on signal from 0300 to 2300 if at least two hours notification are given to the drawtender. At all other times, the draw shall be maintained in the fully open position, except for the passage of trains or for maintenance. The drawtender can be reached via marine radio VHF-FM Chan. 09 and 16 or 707-890-8650.

Mariners may submit comments identified by docket number USCG-2018-0091 using Federal eRulemaking Portal at http://www.regulations.gov. Comments and related materials must reach the Coast Guard on or before 02 Jul 18.

For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18654 LNM: 09/18

NORTHERN CALIFORNIA-POINT ARENA-GEOPHYSICAL SURVEY

Etrac Inc. will conduct a geophysical survey offshore Manchester, CA in the vicinity of 39-02-10N 123-42-12W until 15 Jun 18. Operations consist of a commercial survey boat approximately 30 feet in length, S/V 505 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 the project manager Mike Mueller at 415-515-4416.

Chart 18620 LNM: 19/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

SAN MATEO/HAYWARD BRIDGE - Caltrans' contractor, Liberty Maintenance, is installing bird screens above low steel, just beneath the road way, at the top of each column of the bridge. A snooper truck will deliver supplies to each column from the roadway within the area of each pier cap. The work will not impact the vertical or horizontal navigational clearances of the bridge. For details at the work site, mariners can contact Caltrans at 408-592-3785, or Liberty Maintenance at 330-272-4667, 516-369-8535, 330-509-4535, or 917-709-0742. For more details or comments contact the Coast Guard Project Manager at 510-437-3516.

Chart 18651 LNM: 13/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

GOLDEN GATE BRIDGE-The Golden Gate Bridge District's contractor, Shimmick/Danny's Joint Venture, will be constructing a suicide deterrent net, replacing maintenance traveler rails and replacing maintenance travelers at the bridge. In order to facilitate construction, two 54' wide temporary platforms will be installed beneath low steel of the bridge, south of the north tower, from the eastern edge to the western edge of the bridge, reducing vertical clearance by 14'. Installation of the temporary platforms will be done by lowering portions of the platform from the roadway to the underside of the bridge where workers will assemble the pieces. Once in place, the two temporary platforms, south of the north tower, will move south as work progresses. The upstream and downstream lower edges of the platforms will be lighted at night with steady burning all-round red lights (see Lighting_WorkPlatform_GGBridge.pdf at the end of this notice to see the lighting plan and initial location of the temporary platforms). Installation of the temporary platforms will begin on 03 Jun 18, Monday through Saturday, 0700-1700 and 2100 to 0500. For conditions at the bridge, mariners can contact the bridge owner at 415-923-2220 or the contractor at 415-716-0384. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 14/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

THIRD ST DRAWBRIDGE- The drawspan has resumed its normal operating schedule. The City of San Francisco has estimated to begin the second phase of rehabilitation of the bridge on 15 Jun 18, when the drawspan will be secured in the closed-to-navigation position until 01 Oct 19. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 09/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-SUISUN MARSH-FLASHBOARD REMOVAL

The Department of Water Resources removed the flashboards and suspended boat lock operations at the Suisun Marsh Salinity Control Structure on 08 May 18 located in position 38-05-36N 121-53-07W. Mariners are requested to utilize the Maintenance Channel on the East side of the slough and transit the area with caution. For more details or comments contact Dan Yamanaka at 916-574-0456 or dany@water.ca.gov.

Chart 18656 LNM: 19/18

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

REPLACED SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI-Caltrans' contractor, Kiewit/Manson SJV, has begun mobilizing equipment to remove piers E19-E20 and convert piers "G" (E2) and E21-E23, for pedestrian access, at the replaced eastern span of the SFOBB. Work will take place 0600 to 1800, Monday through Friday, occasionally Saturday and Sunday, though 31 Jan 19. Either the derrick barge (DB) HAGAR, 150' X 60'; DB OAKLAND, 140' X 70'; or the DB VANCOUVER, 210' X 60', will be anchored/moored in and around the piers. The barges will be left on-scene, unmanned, after the normal workday. If requested, the barges can be moved for the safety of navigation. A temporary trestle will be installed at the Oakland shoreline to E22. A temporary gangway will be installed from the YBI shoreline to pier "G" (E2) and 2-10' X 40' spudded flexi-floats just north of pier "G" (E2). The upstream and downstream edges of the temporary trestle, the upstream and downstream ends of all the remaining piers, and each corner of each barge and flexi-floats, will be lighted at night with steady burning all-round red lights, visible at 2,000 yards from approaching vessels (See enclosures Barge-Trestle-Lighting_Retention.pdf and Barge-Pier-Lighting_PierRemoval.pdf at the end of this notice for barge locations and lighting plans.) Six buoys remain in place marking a submarine cable. Positions: 37-49-14N, 122-20-13W; 37-49-

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

13N, 122-20-12W; 37-49-12N, 122-20-12W; 37-49-12N, 122-20-11W; 37-49-11N, 122-20-04W; 37-49-11N, 122-20-04W. For conditions at the construction site, mariners can contact the contractor at 510-773-7803, 360-580-3708, 925-326-0768 or Caltrans at 510-772-7895, 510-714-7074, 510-385-6915. To recover a breakaway barge contact 415-495-3191. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 16/18

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

FENDER REPAIRS - WESTERN SPAN SFOBB-Caltrans' contractor, Dutra, is conducting repairs to the pier protection systems at piers BRAVO, DELTA and ECHO until 16 May 18. The 140 ft. X 60 ft. crane barge, EM1106, will be anchored at pier DELTA from 25 Apr to 02 May 18, at pier ECHO from 03 May 18 through 11 May 18, and at pier BRAVO from 14 May though 16 May 18. Each anchor, in the 4-point anchor system, will extend approximately 700 feet radially from the center of the pier and marked with a 5 ft. diameter lighted white anchor buoy equipped with radar reflectors. (See SFOBB_Fender_Anchor.pdf at the end of this notice for locations of anchors) For the safety of navigation, the crane barge can be moved with one-hour advance notice. The each corner of the barge is lighted at night with a steady burning all-round red light. The crane barge can be contacted on VHF-FM CH 16/13/14. For conditions at the work site mariners can contact Dutra at 415-254-4410 or 510-306-6097. For further information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 12/18

NORTHERN CALIFORNIA-SAN FRANCISCO-SAN PABLO BAY-UNABLE TO DISESTABLISH

The Coast Guard has been unable to dis-establish the seasonal sound signal for San Pablo Bay Channel Light 15 (LLNR 5940) in accordance with published operational timelines due to the protection of nesting osprey in position 38-03-32.84N 122-17-27.57W. Sound signal will be dis-established as soon as allowable. Mariners are requested to transit the area with caution. For more details or comments contact Aids to Navigation Team San Francisco at 415-399-3517.

Chart 18654 LNM: 16/18

NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGES

BAY FARM ISLAND HIGHWAY AND BICYCLE DRAWBRIDGES-Both drawbridges are secured in the closed-to-navigation position until 07 Jun 18 in order to complete a rehabilitation and maintenance project. A temporary platform and containment system has been installed below low steel in the highway drawspan, reducing verticle clearance 3'. Temporary platforms have also been installed between bents 8-9, 10-12, 17-18, and 21-22 reducing vertical clearance in those spans by no more than 5'. The low steel of the drawspan containment system and the bottom corners of the temporary platforms are lighted at night with steady burning red lights. (See Platform-SanLeandroBay.pdf at the end of this notice) If required for the safety of navigation, the drawspan can open if 30 days notice is given to the bridge operator. For further information mariners can contact the Coast Guard Bridge office at 510-437-3461.

Chart 18649 LNM: 51/17

NORTHERN CALIFORNIA-SAN PABLO BAY-UNMANNED AERIAL VEHICLE TESTING

Natilus Inc. will be conducting on-the-water low speed taxi testing of an Unmanned Aerial Vehicle (UAV) in San Pablo Bay in the vicinity of 38-02-25N 122-25-00W. Testing will occur between the hours of 0900-1200 on 14-18 May 18 and 21-25 May 18. The M/V RUNNING SCARED will be on-scene monitoring VHF-FM Chan. 13, 14, and 16. Mariners are requested to transit the area with caution. For further comments or details contact Anatoly Starikov at 415-765-4806.

Chart 18654 LNM: 19/18

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 the 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-STOCKTON-SAN JOAQUIN RIVER-FISHERIES STUDY

FISHBIO will be placing fyke traps at five locations in the San Joaquin River until 30 Jun 18 in the following locations:
Lathrop: 37-48-59N 121-18-55W
River Islands: 37-47-44N 121-18-51W
BCID site: 37-43-17N 121-17-55W
SJR1 site: 37-43-15N 121-15-40W
Sturgeon Bend: 37-40-34N 121-14-41W
Each location will have one trap installed and fishing between Monday and Friday on a weekly basis until project completion. Traps measure approximately 10' in diameter and will have a buoy attached in order to clearly mark their location when in fishing position. Mariners are requested to transit the area with caution. For more details or comments contact Patrick Cuthbert at 530-892-9686.

Chart 18661 LNM: 12/18

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 of 119.5'.

Chart 18660 LNM: 22/16

SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33

SAN CLEMENTE ISLAND-SAFETY ZONES

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 $90,063.00. 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

SAN DIEGO-CARLSBAD-DREDGING

Camenzind Dredging Inc. will be conducting continuous maintenance dredging of Agua Hedionda Outer Lagoon in Carlsbad, CA at 33-08-42N 117-20-25W until 15 May 18. Dredging will be accomplished utilizing a hydraulic suction dredge and floating-submerged pipeline which will pass through the Outer Basin, passing under Carlsbad Blvd to the beach replenishment at North, Middle, and South Carlsbad State Beaches. Dredge PAUL VINCENT and work skiff FESTER will be on site monitoring VHF-FM Chan. 16 and 67. The pipeline will extend from barge to shore, marked continuously, with yellow floats. Anchors will be marked with white buoys. Operations will remain continuous for the duration of the project. Mariners are requested to remain clear of the pipeline and contact PAUL VINCENT prior to passing. For more details or comments contact Project Manager Kurt Camenzind at 650-424-0367.

Chart 18774 LNM: 06/18

SAN DIEGO-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction on Shelter Island Boat Launch of San Diego Bay at 32-42-54N 117-13-21W until 30 Jun 18. The work will consist of boat launch facility improvements. DB POINT LOMA along with crane barges RES 180, RES 150, tugs KATHA C, KILLEEN, HAROLD M, and CLARENCE D will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Walt Jellison at 619-233-0178.

Chart 18773 LNM: 24/17

SAN DIEGO-OBSTRUCTION TO NAVIGATION

Coronado Cays Channel Daybeacon 17 is reported destroyed at 32-37-35.1N 117-07-43.6W. A portion of the piling remains and is submerged. Mariners are requested to transit the area with caution. For more comments and details contact Daniel Bick at 619-423-4353.

Charts: 18765 18772 18773 LNM: 18/17

SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

The City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of the South Bay Ocean Outfall and Point Loma Ocean Outfall. Ocean sampling will be conducted in an area bound by the following coordinates:

32-31-54.660N 117-11-11.200W
32-32-10.914N 117-11-57.678W
32-32-03.770N 117-12-06.840W
32-32-33.430N 117-11-56.260W

32-40-10.510N 117-19-22.710W
32-40-04.790N 117-19-34.344W
32-39-37.590N 117-19-32.440W
32-39-56.930N 117-19-39.540W
32-40-10.690N 117-16-55.810W

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

SAN DIEGO-SAN DIEGO BAY-MARINE CONSTRUCTION

R. E. Staite Engineering Inc. will conduct marine construction in San Diego Bay until 30 Jun 18 at 32-43-09N 117-10-25W. JEANNIE R, crane barge RES 180, deck barge RES 210, support barges 120, 110 and 80 will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact project manager David McNiff at 858-552-0600.

Chart 18773 LNM: 15/18

SAN FRANCISCO BAY-ALAMEDA NAVAL AIR STATION

Alameda Naval Air Station Channel Lighted Buoy 2 (LLNR 4750) has suffered damage to the tower portion which may affect the nominal range of the installed light. Aid has been verified to be on station and flashing correctly (Fl G 4s) in position 37-46-27.095N 122-20-27.763W. Mariners are requested to transit the area with caution. Report any signs of listing or sinking to USCGC GEORGE COBB at 310-261-2055.

Chart 18649 LNM: 44/17

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Chart 18649 LNM: 23/15

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

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

Chart 18650 LNM: 16/15

SAN FRANCISCO BAY-SAN FRANCISCO PIER 22.5-MINIMUM WAKE REQUEST

San Francisco Fire Department requests all vessel traffic transiting in the vicinity of Pier 22.5, San Francisco at 37-47-26N 122-23-17W, create minimum wake to lessen wake impact on vessels moored at Pier 22.5 until 15 Aug 18. Mariners are requested to transit the area with caution. For more details or comments contact San Francisco Fire Station 35 at 415-558-3235.

Chart 18649 LNM: 33/17

SAN JOAQUIN RIVER-BLACKSLOUGH LANDING-PARTIALLY SUNKEN BARGE

There is an awash/partially sunken 30' X 60' barge moored by a single line in the vicinity of Blackslough Landing in approximate position 37-59-41.1N, 121-25-09.3W. Mariners are requested to transit with caution at minimum wake.

Charts: 18661 18663 LNM: 11/18

SAN LUIS OBISPO BAY-PISMO BEACH PIER-MARINE CONSTRUCTION

Cushman Contracting Corporation will conduct construction and repair of the City of Pismo Beach Pier in 35-08-17N 120-38-43W until 15 May 19. Divers will be utilized during removal of the timber piles. Mariners are requested to transit the area with caution. For more details or comments contact Doug Bell, Construction Site Superintendent 661-703-1610.

Chart 18700 LNM: 30/17

SAN PABLO BAY-CARQUINES STRAIT-SUBMERGED OBSTRUCTION

There are submerged piles partially exposed above the sediment surface south of the Pinole Shoal Channel along the 30' contour between 38-03-14.09N, 122-16-26.23W and 38-03-17.81N, 122-16-14.79W. 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 information contact Todd Muelhoefer of Coscol Petroleum Corporation at 719-520-4761.

Charts: 18654 18655 LNM: 47/17

SAN PABLO BAY–CARQUINEZ STRAIT

Trans Bay Cable LLC owns and operates a charted submarine cable that experiences intermittent exposures in the San Pablo Bay. All vessels are advised not to anchor, use ground tackle, fish, or dredge in the vicinity of 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

SANTA CRUZ-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Science Center (PCMSC) will be conducting geophysical surveys from Santa Cruz to Moss Landing until 12 Oct 18. A bathymetric survey using two personal watercraft, each equipped with a 200 kHz single beam echo sounder, will 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. Two of the following operational windows will be chosen based on scheduling and conditions.
24-28 Sep 18
08-12 Oct 18
Mariners are requested to transit the area with caution. For more details or comments contact Jenny White at 831-460-7485.

Chart 18680 LNM: 44/17

SOUTHERN CALIFORNIA-AGUA HEDIONDA LAGOON-BRIDGE

BRIDGE REMOVAL-The City of Carlsbad's contractor, Pulice Construction, will be removing a pipeline utility bridge from the waterway, just east of the North County Transit District Railroad Bridge, Monday through Friday, 0700 to 1600, 14 May 18 though 14 Jun 18. All mariners transiting the site should do so with caution. For conditions at the removal site, mariners can contact the contractor at 619-929-7883, 619-717-1694 or the City's consultant at 760-607-7530, 760-802-4634. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18740 LNM: 19/18

SOUTHERN CALIFORNIA-ALAMITOS BAY-BRIDGE

APPIAN WAY BRIDGE-The upsteam clearance gauge is damaged below the 14' mark. Estimated time of repair unknown.
2nd ST BRIDGE (EAST)-One clearance gauge appears damaged and not visible at low tide. Estimated time of repair unknown.
For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 11/18

SOUTHERN CALIFORNIA-ANAHEIM BAY-SEAL BEACH-SHOALING

Shoaling has been reported of 36' MLLW on the Eastern side of the breakwater in vicinity of 33-43-33N 118-06-00W, deepest water reported entering Seal Beach is 20-30' left of centerline. Mariners are requested to transit the area with caution. For more details or comments contact Albert Rosales at 562-626-7206.

Chart 18749 LNM: 05/18

SOUTHERN CALIFORNIA-CATALINA ISLAND-MARINE CONSTRUCTION

Connolly-Pacific Co. is conducting piling inspection and repairs to the Tuna Club of Santa Catalina Island in Avalon Harbor between 0700-1700, until 31 May 18. Work floats and skiffs will be utilized, with diver support for some phases of the project. Mariners are requested to transit the area with caution. For more details or comments contact John Riley at 562-577-3602.

Chart 18757 LNM: 13/18

SOUTHERN CALIFORNIA-ENCINITAS-DREDGING

Marathon Construction Corp. will be dredging and excavating channels within the 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 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 35-26-51.4N 120-55-09.0W. The anchor cable is marked with multiple orange fenders with the end of cable connected to the vessel. For further information mariners are requested to contact the Coast Guard Sector LA/LB Command Center at 310-521-3815.

Chart 18703 LNM: 43/17

SOUTHERN CALIFORNIA-HUNTINGTON BEACH CHANNEL-BRIDGE

MAGNOLIA ST BRIDGE-A temporary work platform has been installed at each pier reducing horizontal clearance in each span by 8'. The upstream and downstream corners of each platform is lighted at night with steady burning all-round red lights. (See Magnolia_Lighting.pdf at the end of this notice). For further information, contact the Coast Guard Bridge Office at 510-437-3461.

LNM: 14/18

SOUTHERN CALIFORNIA-HUNTINGTON BEACH-DREDGING OPERATIONS

Pacific Dredge Company will conduct continuous dredging operations at Portofino Cove Marina in Huntington Beach, CA, at 33-43-36N 118-04-26W until 23 Jun 18. Material will be dredged from within the marina and transported offshore to LA-2. Temporary moorings will be located in the vicinity of the marina. Clamshell Dredge HORTON, scows THING 1 and THING 2, along with tugs JAG and CONNOR W 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 McLaren Neal at 562-480-4210.

Chart 18754 LNM: 17/18

SOUTHERN CALIFORNIA-LONG BEACH-DREDGE OPERATIONS

The Port of Long Beach will conduct dredging operations for the Middle Harbor Redevelopment project in the vicinity of 33-45-18N 118-12-42W until 30 Sep 18 for the East Basin Sediment trap, Berth F, and Berth E. Tug JEFFERY M and tug ELMER M will monitor VHF-FM Chan. 13,16, and 66. 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 Thomas Stephens at 904-502-7787.

Chart 18751 LNM: 09/18

SOUTHERN CALIFORNIA-LOS ANGELES-GEOPHYSICAL SURVEY

Etrac Inc. will conduct a geophysical survey offshore Hermosa Beach, CA in the vicinity of 32-30-00N 118-26-00W until 15 Jun 18. Operations consist of a commercial survey boat approximately 30 feet in length, a 3D multi-beam sonar system, and commercial grade differential GPS with sub-meter accuracy or better. S/V 505 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 the project manager Mike Mueller at 415-515-4416.

Chart 18748 LNM: 19/18

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION

Connolly-Pacific Co. is conducting repairs to the breakwater for Los Angeles and Long Beach Harbors until 28 Feb 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-OFFSHORE SURVEY

EGS Americas Inc. will be conducting ocean floor survey operations until 15 May 18 in the area between 35-00-00N 123-57-00W and 32-29-00N 118-15-00W. R/V GEO RESOLUTION will be using a towed sonar tethered to a steel cable at varying depths and monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and remain at least 1NM from the vessel. For more details or comments contact Eric Roach at 772-341-9286.

Chart 18022 LNM: 15/18

SOUTHERN CALIFORNIA-LOS ANGELES-UNDERSEA CABLE

EGS Americas Inc. is conducting survey operations until 30 May 18 near Hermosa Beach in the vicinity of 33-51-00N 118-29-00W. The 44' survey vessel JAB will be operating from Hermosa Beach generally southwest to the 42 fathom contour. S/V JAB will be stern towing a subsea sonar device approximately 50yds behind the vessel. Mariners are requested to keep 2000yds distance and transit the area with caution. For more details or comments contact Eric Roach at 772-341-9286.

Chart 18744

SOUTHERN CALIFORNIA-LOS ANGELES-UNDERSEA CABLE

LNM: 18/18

SOUTHERN CALIFORNIA-NEWPORT BAY-BRIDGE

BALBOA ISLAND BRIDGE-The southwest clearance gauge is damaged and the northeast clearance gauge numbers are faded.Estimated time repair unknown.

LINDA ISLAND BRIDGE-The northeast green center channel light and the southeast red pier light are extinguished. Estimated time of repair unknown.

LIDO ISLE BRIDGE-The north side clearance gauge numbers are faded. Estimated time of repair unknown.

For further information, contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18754

LNM: 18/18

SOUTHERN CALIFORNIA-NEWPORT BEACH-DREDGING

Pacific Dredge Company is conducting dredging operations in Linda Isle in the vicinity of 33-36-46N 117-54-22W and 33-36-55N 117-54-01W until 01 Jul 18. Dredge barge NEWPORT, tug JAG, and workboat SAMMY G will monitor VHF-FM Chan. 13 and 16. Mariners are requested to minimize wake and transit the area with caution. For more details or comments contact Robbie Adair at 562-833-2825.

Chart 18754

LNM: 07/18

SOUTHERN CALIFORNIA-NEWPORT BEACH-DREDGING OPERATIONS

Associated Pacific Constructors, Inc. will be conducting dredging operations at Presta Marina at 33-36-53N 117-54-24W until 31 May 18. Operations will include an excavator dredge barge on spuds, tugs BALANA, dump scow #1 and assist vessel BREE TESSA. A temporary mooring area will be established at 33-36-31N 117-54-58W. Two mooring can buoys will be deployed in the temporary mooring area 40" dia. X 8' each painted white with a single yellow light with reflector tape. Tug and dump scows will transit offshore to 33-31-00N 117-53-30W for disposal and return to Newport Beach Harbor. Barges and support vessels will be working in and around Balboa Peninsula area to 15th Street residential locations. All vessels will be monitoring VHF-FM Chan. 14, 16, and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-234-5055 or paul@associatedpacific.com.

Chart 18754

LNM: 17/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

Scripps Institution of Oceanography has deployed a buoy 20nm south of Point Mugu State Park at 33-42-14N 119-00-14W until 27 Sep 18. The wave buoy is a 3' diameter sphere with an attached telemetry whip antenna and a night time yellow color warning flashing light. The light timing FL(5) Y 20s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact Julie Thomas at 858-534-3032.

Chart 18720

LNM: 40/17

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

BEING REPLACED SCHUYLER HEIM BRIDGE DEMOLITION – Two trestles are in place at the bridge removal site, providing 75' of horizontal clearance for vessels. The upstream and downstream edges of the trestles are lighted at night with steady burning red lights. Piers 27-28, of the being replaced bridge, have been partially removed, down to approximately 17' below mean low water. Turbidity curtains have been installed around the in-water piers during pier removal. The curtains lining the navigational channel through the trestles are on the outside of the channel, behind the trestle wall, away from passing vessels. Vessel prop wash should be controlled to avoid damaging the turbidity curtains.

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION – Two temporary eastern trestles remain in place at the replacement bridge site. The main navigation span of the bridge, between the temporary trestles, provides 47' of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75' of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Trestle_Lighting_Heim.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities are taking place from 0700 to 1530, Mon-Fri. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution.

Chart 18749

LNM: 10/15

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

VINCENT THOMAS BRIDGE – Painting of the under deck of the bridge is in progress. A 100' long platform has been erected below low steel of the bridge, just to the east of the west channel margin red light, reducing vertical clearance by 6'. Once a 100' section is complete the platform will be moved to the east 100' and work continued. The platform will migrate towards the east until it reached 100' west of centerline of the bridge span. Each corner and every 20' along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V_Thomas_Platform_Lighting.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 further information contact the Coast Guard Bridge Office at 510-437-3516.

NOAA will be utilizing a bridge maintenance traveler over the channel from 0800-1700, 21-25 May 18. The traveler will reduce the vertical clearance of the bridge by 7' while over the channel. The traveler can be moved for the safety of navigation if 10 minutes advance notice is given to NOAA at 206-276-9068, or to call sign "NOAA AIR GAP" on VHF-FM Chan. 73. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

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

GERALD DESMOND BRIDGE REPLACEMENT PROJECT - A 160' X 60' barge will transfer equipment and materials from pier echo to the east and west shorelines approximately 130' north of the existing bridge, 0600 to 1730, Monday through Friday, occasionally Saturday until 01 Jul 18. The barge will be spudded and an assist tug will be on-scene at all times. Each corner of the barge will be lighted at night with steady burning red lights. Mariners can request the barge be moved for navigational safety with one hour advance notice by contacting SFI Water Traffic Coordinator at 562-240-9413 or by VHF-FM Chan. 16 and 74. When not actively engaged in transfer operations, the barge will be moored at pier echo. (For typical barge mooring and lighting see Barge_Lighting_GeraldDesmond.pdf at the end of this notice.) For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 19/18

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-MARINE CONSTRUCTION

Heffler Contracting Group will be installing two boat elevators approximately 12'x11' to the pier in Wilsons Cove in position 33-00-18.6N 118-33-26.4W until 25 May 18. Operations will be conducted from the shore and no vessels will be used. Mariners are requested to minimize wake in the vicinity and transit the area with caution. For more details or comments contact the project manager Brian Calkins at 619-507-3397.

Chart 18763 LNM: 19/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE MAINTENANCE-Scaffolding installed between piers 12-13, 13-14 and 1/2 of the East Channel Span (piers 11-12), reduces vertical clearance by not more than 8' and is 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: 21/14

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction on Intrepid Boat Works travel lift pier near Shelter Island in the vicinity of 32-43-16N 117-13-38W until 31 Jul 18. Crane barge RES 180 along with 3 support barges, tugs KILLEEN, and JEANNIE R will be on site monitoring VHF-FM Chan. 16 for passing arrangements. 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 DeWayne Holman at 619-233-0178.

Chart 18773 LNM: 15/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction until 30 Jul 18 on Naval Base Point Loma in the vicinity of 32-42-19N 117-14-09W. Crane barge RES 150 (150' x 42') along with tugs KILLEEN and JEANNIE R will be on site monitoring VHF-FM Chan. 16 for passing arrangements. Mariners are requested to transit the area with caution and minimize wake in vicinity of the site. For more details or comments contact construction manager Taylor Evans at 858-537-0557 or the project manager Erick Myers at 619-233-0178.

Chart 18765 LNM: 18/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-PIER CONSTRUCTION

The Port of San Diego will be conducting emergency fender replacement on the North Embarcadero Wharf until 15 May 18 in the vicinity of 32-43-14.62N 117-10-24.51W. Construction will be conducted by crane barge with a silt curtain surrounding the area and will be monitoring 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 Barrett at tbarrett@portofsandiego.org or 619-686-6544.

Chart 18773 LNM: 17/18

SOUTHERN CALIFORNIA-SAN DIEGO-ENCINA POWER STATION

Curtin Maritime Corp. will conduct mooring system & pipeline recovery in the vicinity of 33-08-03N 117-21-06W until 13 May 18. The derrick barge DB SALTA VERDE, and tugboat SARAH C will be on site monitoring VHF-FM Chan. 01, 13 and 16. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with vessels prior to passing. For more details or comments contact Steve Chew at 562-666-6971 or Martin Curtin at 562-343-3170.

Chart 18740 LNM: 18/18

SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-BRIDGE

NORTH INGRAHAM STREET BRIDGE- During the hours of 0730-1730 until 25 May 18, the City of San Diego will be using a 35' wide mobile work platform at various locations of the bridge, as part of a pipeline replacement project. The work platform will reduce vertical clearance by 6', and will be marked by red lights. The work platform will be removed and not utilized during nighttime hours. For on-site contact, mariners can call Bridge Masters Inc. at 541-408-5693.

Chart 18765 LNM: 36/17

SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-DREDGING

Curtin Maritime Corp will conduct continuous dredging operations in the vicinity of Mission Bay, San Diego CA until 25 May 18. Material will be dredged from within the bay and transported in-bay to eel-grass planting locations where it will be used to create eel-grass transplanting beds. Clamshell Dredge DB BEN WESTON along with tugs BABY T and BERNARDINE C will monitor VHF-FM Chan. 01, 13, and 14. Mariners are requested to transit the area with caution. For more details or comments contact Nic Martin at 562-666-6971 or Sam Bice at 206-550-3916.

Chart 18765 LNM: 01/18

SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-MARINE EVENT

The Crystal Pier Outrigger Race will occur on 12 May 18 in Mission Bay. This outrigger canoe racing event will consist of four separate races beginning at 0630 and finishing at approximately 1600. The majority of the racing will be within Fiesta Bay in the vicinity of Crown Point Beach.

SOUTHERN CALIFORNIA-SAN DIEGO-MISSION BAY-MARINE EVENT

Racing will also include two races that proceed through the Mission Bay Channel offshore, racing to the north to Crystal Pier, and returning to Crown Point. Mariners are requested to use caution when transiting these areas during racing events. For more details or comments contact Ms. Suzanne Serafin at 619-851-5097.

Chart 18773 LNM: 19/18

SOUTHERN CALIFORNIA-SAN DIEGO-USV OPERATIONS

The U.S. Navy will be conducting unmanned surface vehicle (USV) operations until 18 May 18. Six USVs will operate between Point Loma and San Clemente Island Light in the vicinity of 32-46-00N 117-48-00W. USVs are 10' long and 3' wide with only a few inches of freeboard. They have a 3' mast with orange flag and fixed all around white light. Support vessel SL-120 will be on scene monitoring VHF-FM Chan. 16. During the operations the support vessels and the USV's are restricted in their ability to maneuver. Mariners are requested to transit the area with caution and maintain a safe distance of 1000 yds from the USV's. For more details or comments contact Anna Nguyen at 619-553-5943 or Stephen Martin 619-553-0207.

Chart 18740 LNM: 18/18

SOUTHERN CALIFORNIA-SAN LUIS OBISPO BAY-DREDGING

The Port San Luis Harbor District will sponsor dredging operations at the Port San Luis trailer boat basin and mobile hoist pier at 35-10-25N 120-45-15W until 31 Aug 18. Dredging will be performed from a land based crane utilizing a submersible pump. Dredged material will be disposed of at West Bluff Beach. Mariners are advised to transit the area with caution and maintain a safe distance of 1000-yds from the crane. For more details or comments contact Chris Munson at 805-595-5431.

Chart 18704 LNM: 09/18

SOUTHERN CALIFORNIA-SAN ONOFRE-MARINE CONSTRUCTION

Southern California Edison Co. will conduct restoration of the walkway retaining wall above the high tide mark from until 05 Sep 18 in the vicinity of 33-22-04N 117-33-20W. Work will take place from the shore and no vessels will be utilized. Mariners are requested to transit the area with caution. For more details or comments contact Brian Metz at 714-273-6418.

Chart 18774 LNM: 13/18

SOUTHERN CALIFORNIA-SAN PEDRO-CONSTRUCTION

The US Coast Guard will be conducting marine construction to the pier in position 33-43-33N 118-16-10W until 30 Aug 18. Crane barge WILLIAM F will be on scene monitoring VHF-FM Chan. 66. Mariners are requested to transit the area with caution and minimize wake. For more details or comments contact LCDR Jared England at Jared.W.England@uscg.mil.

Charts: 18749 18751 LNM: 10/18

SOUTHERN CALIFORNIA-SAN PEDRO-USV OPERATIONS

Boeing will be conducting sea trials for a large unmanned under sea vehicle (USV) called ECHO VOYAGER in the vicinity of the San Pedro Channel until 30 Oct 18 in the areas bound by the following coordinates:

OPAREA 1:
33-41.220N 118-24.660W
33-39.780N 118-21.600W
33-43.800N 118-22.800W
33-42.420N 118-19.920W

OPAREA 2:
33-35.411N 118-29.742W
33-30.404N 118-29.804W
33-30.487N 118-35.728W
33-35.423N 118-29.705W

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

Chart 18022 LNM: 17/18

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-MARINE CONSTRUCTION

Connolly-Pacific Co. is conducting repairs to the piling and wharf for the Bluewater Grill on Santa Catalina Island until 31 May 18. Work skiffs will be used with most of the work being done from shore during low tides. Mariners are requested to minimize wake and transit the area with caution. For more details or comments contact John Riley at 562-577-3602.

Chart 18757 LNM: 18/18

SOUTHERN CALIFORNIA-TALBERT CHANNEL-BRIDGE

BROOKHURST ST BRIDGE- A temporary work platform has been installed at each pier reducing horizontal clearance in each span by 8'. The upstream and downstream corners of each platform is lighted at night with steady burning all-round red lights. (See Brookhurst_Lighting.pdf at the end of this notice). For further information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18754 LNM: 14/18

SOUTHERN CALIFORNIA-WAVEGLIDER DATA COLLECTION

Liquid Robotics, Inc. will be conducting 24/7 autonomous, unmanned maritime vehicle operations until 28 Jun 18. Two Wave Glider vehicles will be deployed in the vicinity of Monterey Bay and operate continuously between latitudes 36-45-55N and 32-10-32N and between longitudes 121-56-53W and 131-16-32W. Operations consist of scientific ocean data collection. The Wave Glider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from Wave Glider Operations Center (WGOC), 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), black 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 Liquid Robotics Operations Center at 408-636-4205 or by email at support@liquid-robotics.com.

Chart 501 LNM: 17/18

SUISUN MARSH-FLASHBOARD INSTALLATION

The Department of Water Resources will be installing flashboards across the maintenance channel at the Suisun Marsh Salinity Control Structure, and will begin operating the boat lock. Passage in either direction can only be accomplished using the lock. The lock is expected to be operated 0700-1700 until 31 May 18, contingent on hydrologic conditions. Mariners are requested to transit the area with caution. For more details or comments contact Dan Yamanaka at 916-574-0456 or dany@water.ca.gov.

Chart 18656 LNM: 47/17

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

Isleton_Platform_Lighting.pdf

See link above for Isleton Bridge temporary platform lighting.

LNM: 15/18

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

Embarcadero_Flexi _Float_Lighting.pdf

See link above.

LNM: 20/16

SAN CLEMENTE ISLAND-SAFETY ZONES

MSSB 02-16 SCI Safety Zone.pdf

See link above.

LNM: 41/16

SOUTHERN CALIFORNIA-HUNTINGTON BEACH CHANNEL-BRIDGE

Magnolia_Lighting.pdf

See link above for Magnolia St Bridge temporary platform lighting.

LNM: 14/18

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

Trestle_Lighting_Navy_Dr.pdf

See link above for trestle lighting and location.

LNM: 29/17

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

V_Thomas_Platform_Lighting.pdf Barge_Lighting_GeraldDesmond.pdf

See link above for platform lighting for Vincent Thomas and Barge Location and Lighting for Gerald Desmond

LNM: 29/17

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

SFOBB_Fender_Anchor.pdf

See link above for barge anchor locations at piers “B”, “D”, and “E”.

LNM: 12/18

NORTHERN-CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE

McHenry_Bouy_Line.pdf

See link above for buoy line location.

LNM: 50/17

NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGES

Platform-SanLeandroBay.pdf

See link above for temporary platform lighting at the Bay Farm Island Highway Bridge.

LNM: 51/17

SOUTHERN CALIFORNIA-TALBERT CHANNEL-BRIDGE

Brookhurst_Lighting.pdf

See link above for Brookhurst St Bridge temporary platform lighting.

LNM: 14/18

NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE

Jibboom_Platform_Lighting.pdf

See link above for temporary below deck platform lighting.

LNM: 51/17

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

Barge-Trestle-Lighting_Retention.pdf Barge-Pier-Lighting_PierRemoval.pdf

See links above for barge, temporary trestle, flexi-float, and gangway lighting and locations at the replaced SFOBB.

LNM: 16/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

Lighting_WorkPlatform_GGBridge.pdf

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting

LNM: 14/18

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

Trestle_Lighting_Heim.pdf Pier_Removal_Plan_Drawing.pdf

See link above

LNM: 45/11

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

CONNER.TYRONE.L.1163641140

Digitally signed by CONNER.TYRONE.L.1163641140
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=CONNER.TYRONE.L.1163641140
Reason: I have reviewed this document
Date: 2018.05.09 10:38:23 -07'00'

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

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

BRIDGE NAME: _____ DATE: _____

MILE :_____WATERWAY: _____

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

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

Signature _____

Telephone _____

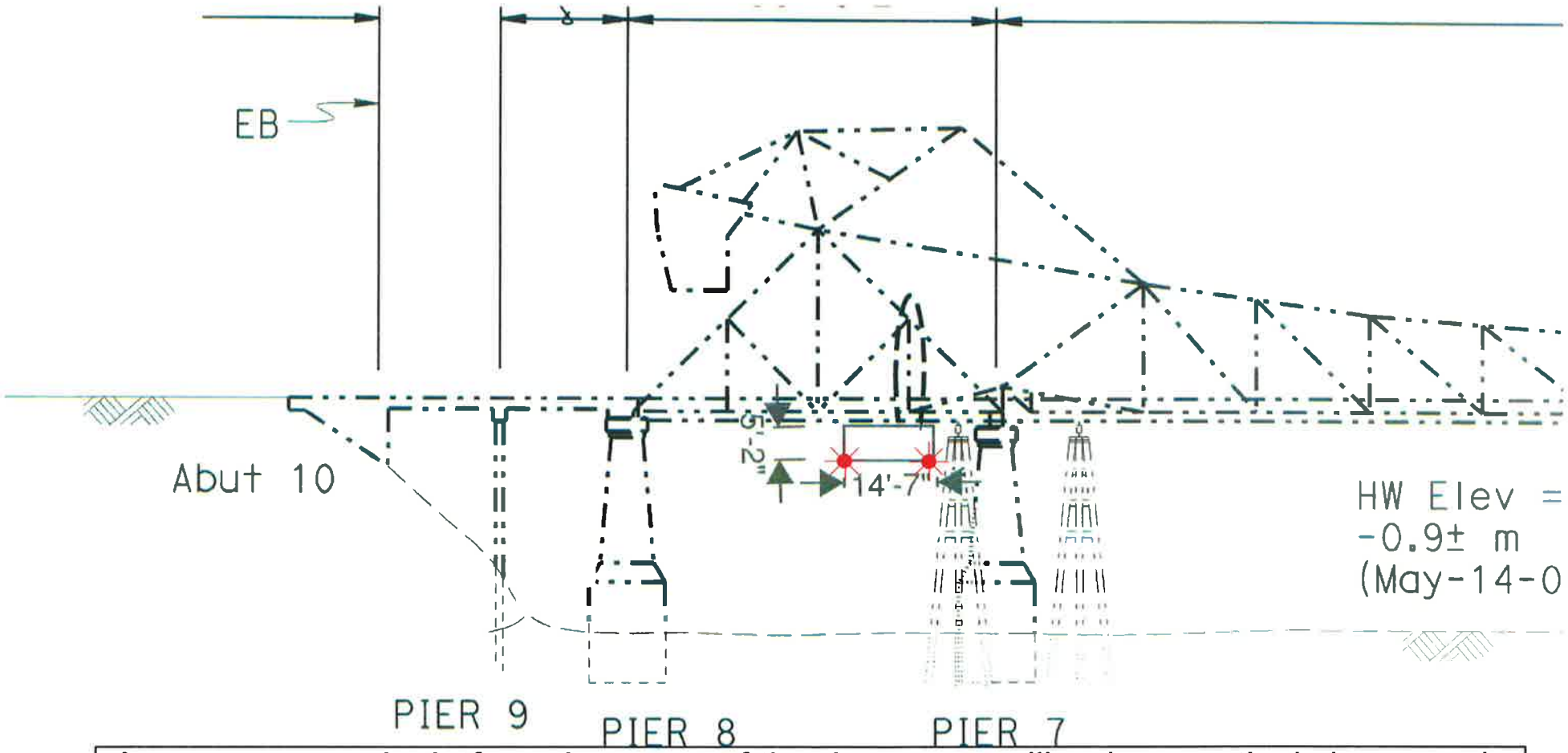
Mariners may complete and return to:

Commander (dpw) Fax: (510) 437-5836 Email: Carl.T.Hausner@uscg.mil
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

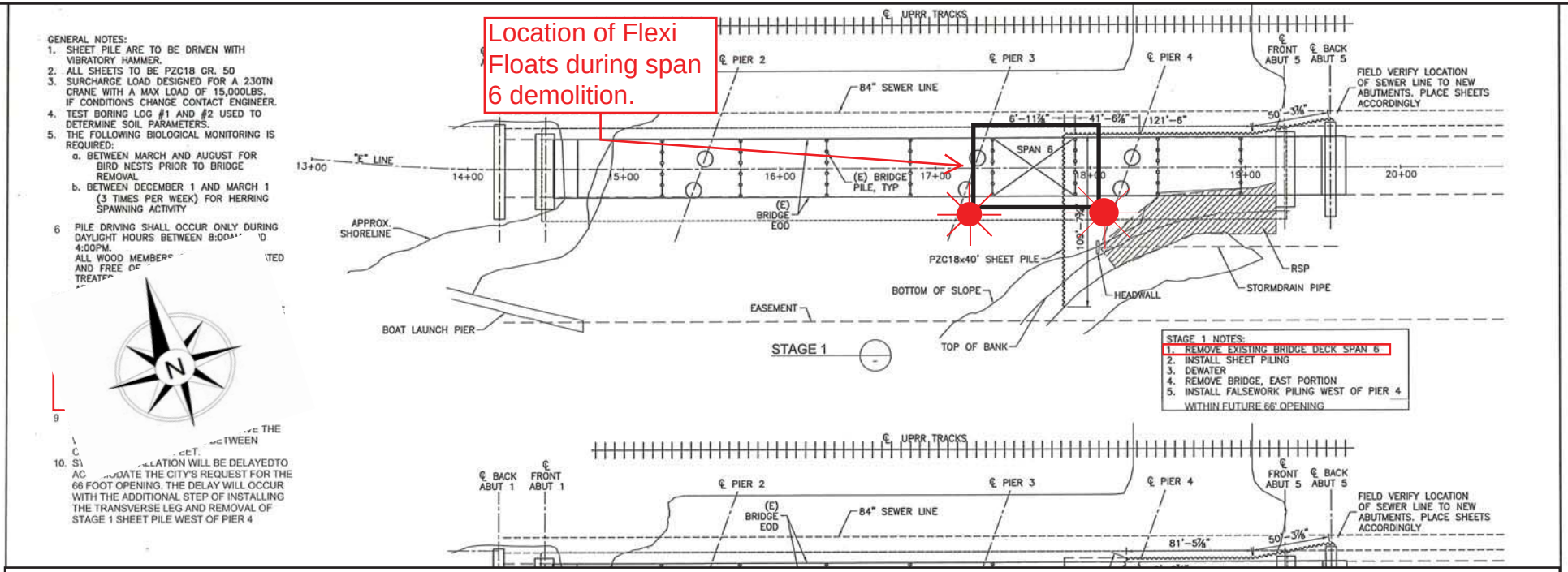
Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11

Maintenance Project
Isleton Drawbridge, mile 18.7, Sacramento River
Platform Lighting



A temporary work platform, just west of the drawspan, will reduce vertical clearance in the span by 5.2 feet. The upstream and downstream lower corners of the platform will be lighted at night with steady burning all-round red lights so as to be visible from an approaching vessel at 2000 yards.

Embarcadero Road Bridge Replacement Project, Mile 0.17, Lake Merritt Channel
Typical Flexi-Float Barge Lighting



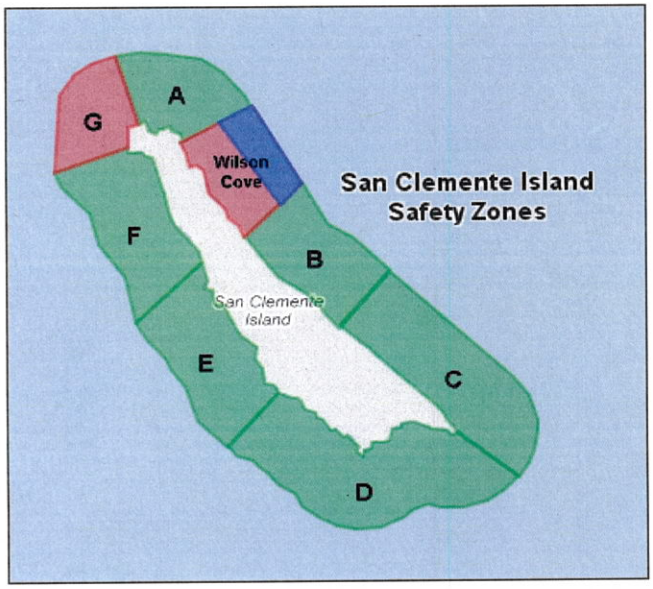
City of Oakland Contractor intends to use 3 to 4, 3 foot X 7.5 foot X 30 foot, flexi-float barges during the demolition of the eastern pier of the existing Embarcadero Rd Bridge. The downstream corners of each flexi-float barge shall be lighted at night with steady all-round red lights.

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.

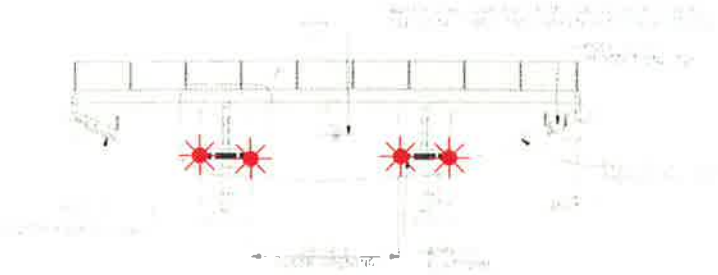
San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordnance training). Mariners conducting operations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

Magnolia St Bridge
Mile 0.43
Huntington Beach Channel
Temporary Platform Lighting
Preventative Maintenance Project



ELEVATION

The upstream and downstream corners of each platform is lighted at night with steady burning all-round red lights so as to be seen by approaching vessels at a distance of 500 yards.

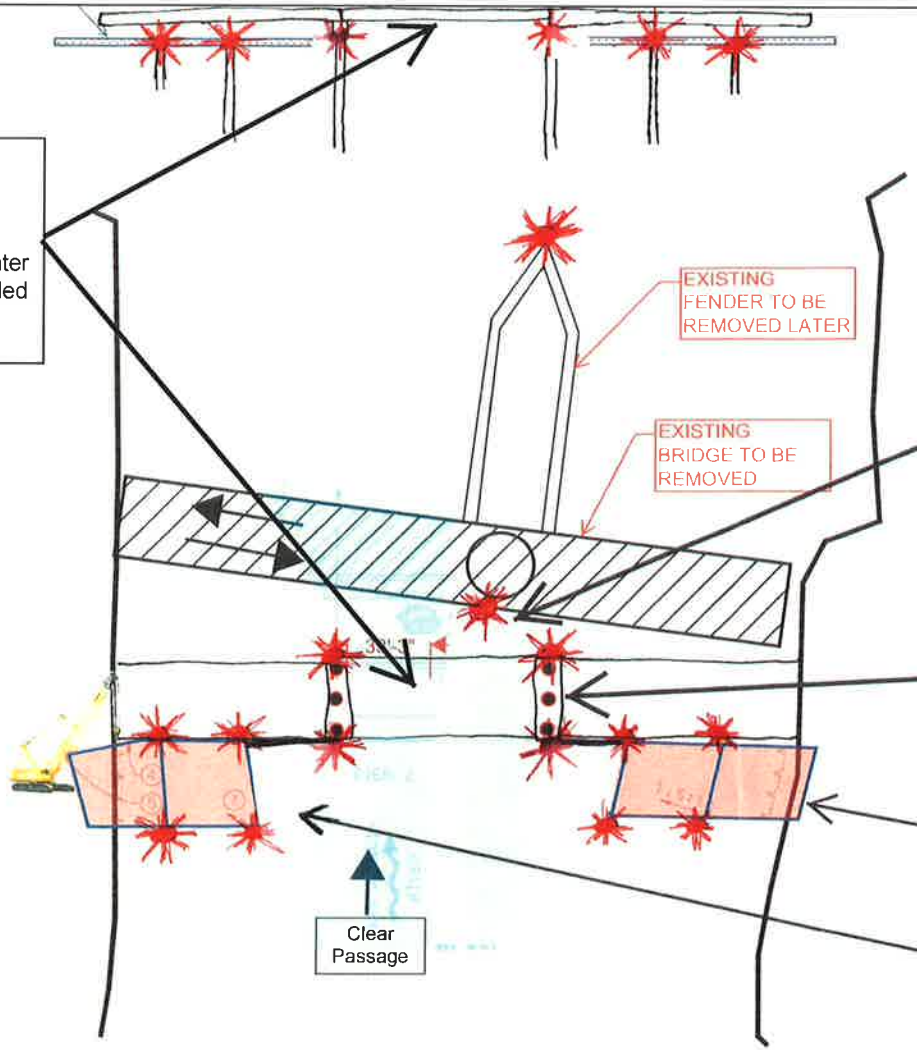
DETAIL

ENCLOSURE (1)

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 replacement bridge completely spans the waterway. The vertical clearance of the fixed replacement span is greater than the clearance provided for by the swing bridge.

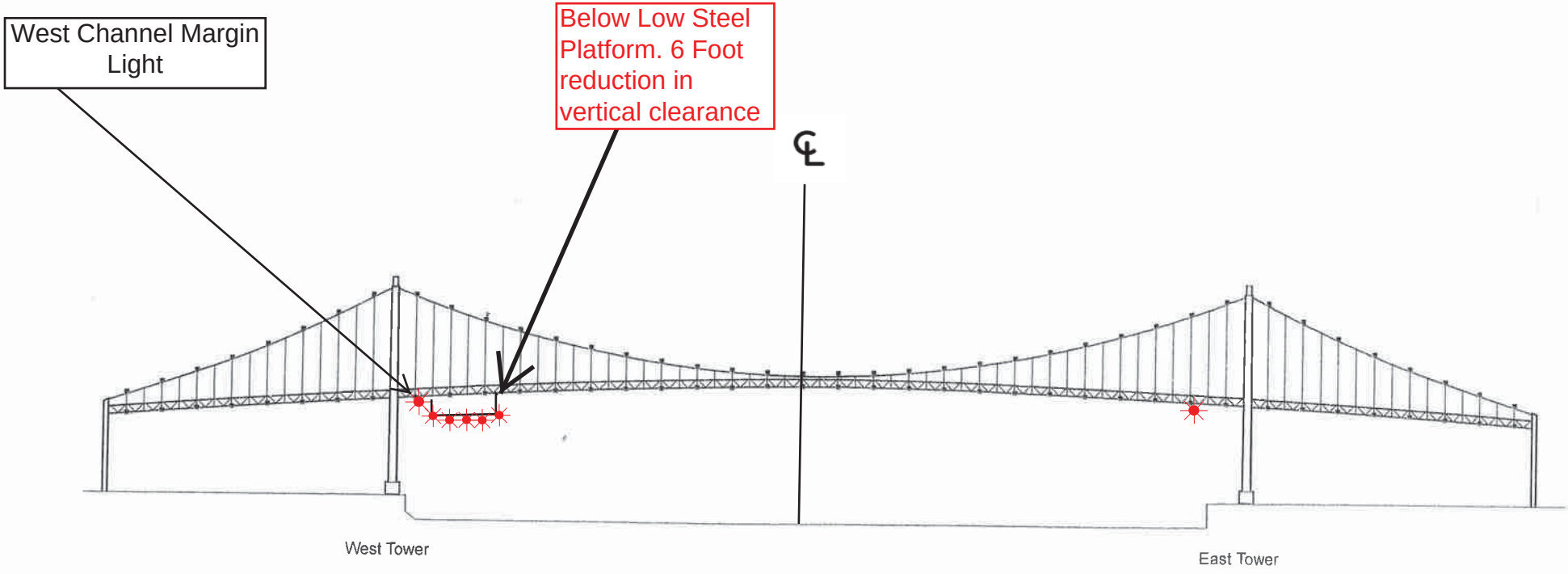


The western, upstream swing span fender system has been removed. The upstream end of the pivot pier will be lighted at night with steady burning red lights so as to been seen at a distance of 500 yards by approaching vessels.

6 piles are now in place for the replacement bridge project. The first of the upstream piles will be lighted at night with steady burning red lights so as to been seen at a distance of 500 yards by approaching vessels.

Trestles: The trestles, 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.

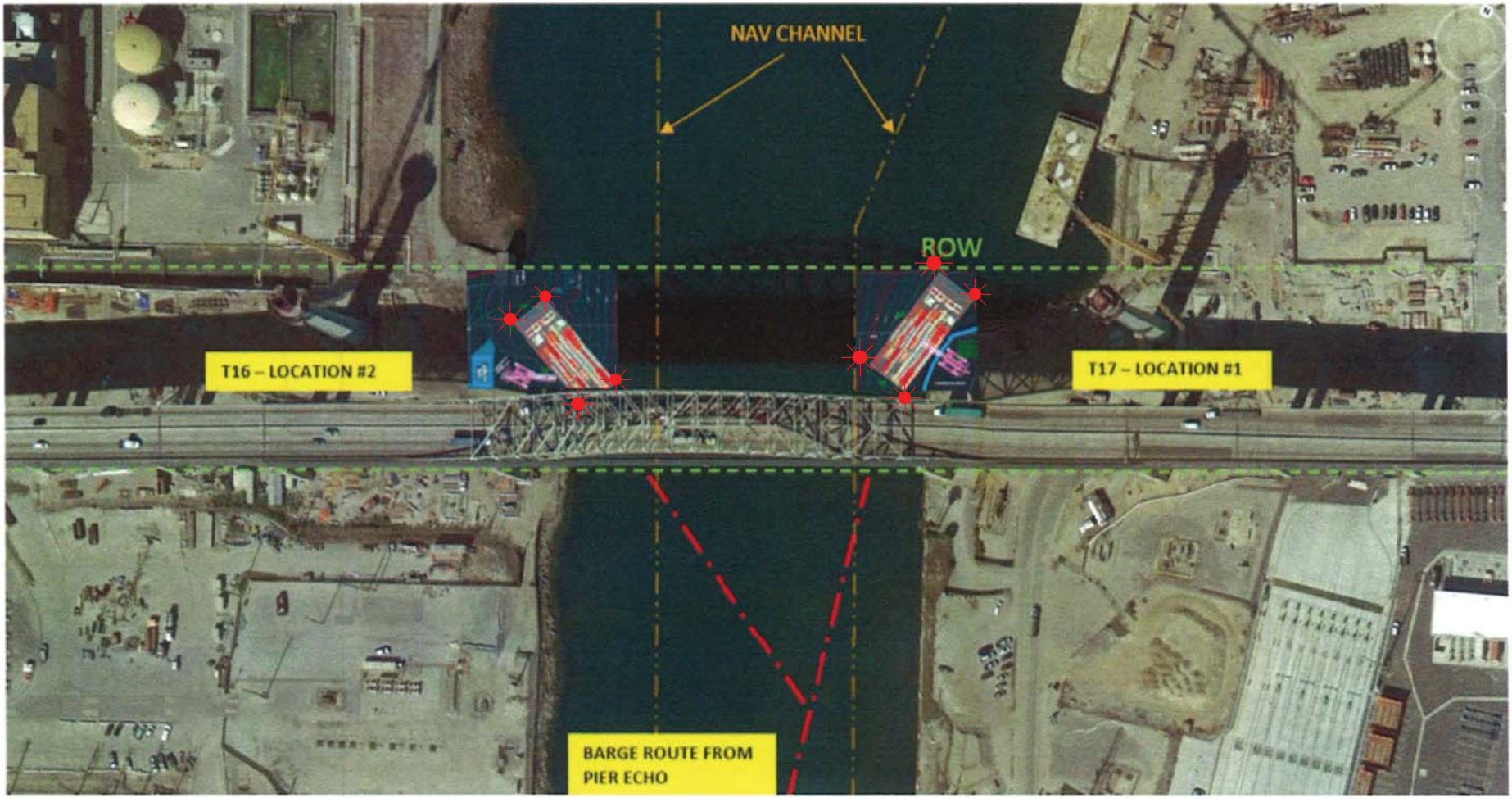
Vincent Thomas Highway Bridge
Mile 3.0
Los Angeles/Long Beach Harbor
Painting Project



A 100 foot long under deck temporary platform will reduce vertical clearance by 6 feet. Each corner and every 20 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 100' west of the centerline of the bridge.

Gerald Desmond Bridge Replacement Project
Equipment Staging

Barge Mooring and Lighting Diagram



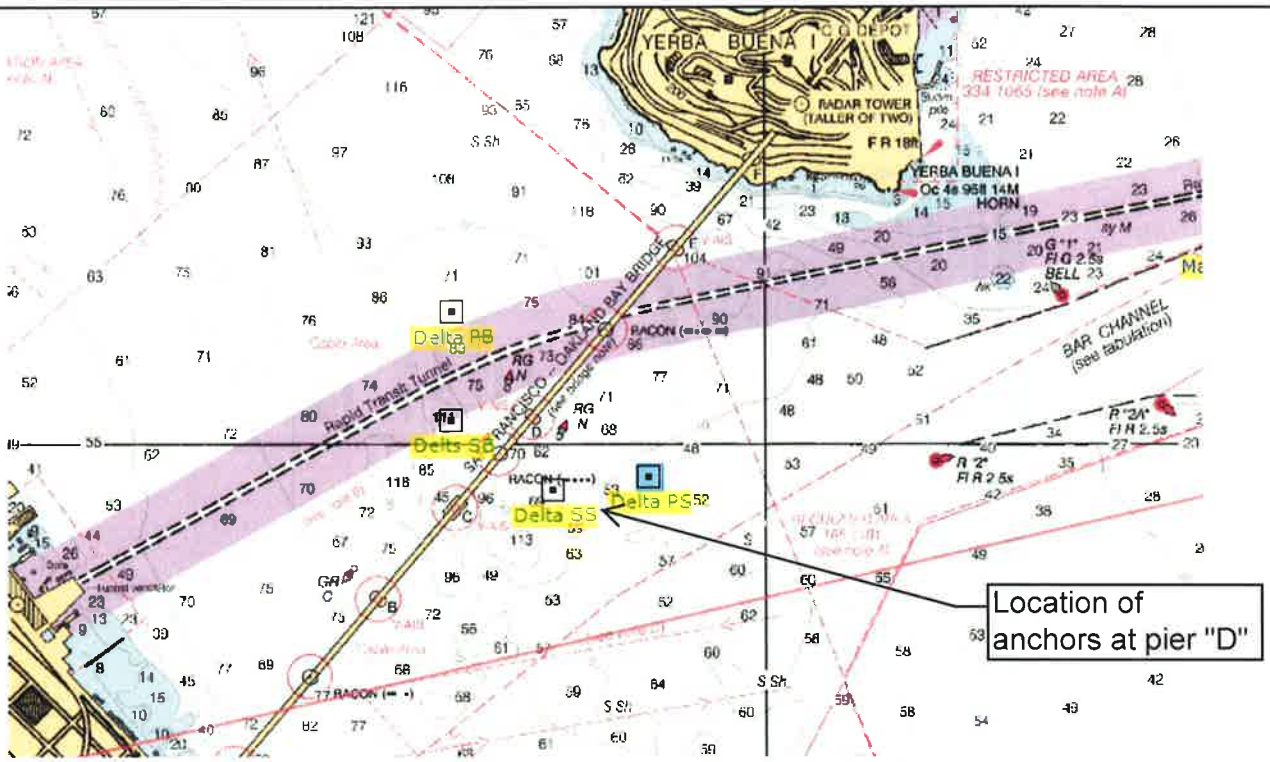
Each corner of each spudded 160' X 60' barge will be lighted at night with steady burninig red lights so as to be seen at 2000 yards by approaching vessels.

The barges will be moored off-site when not actively working.

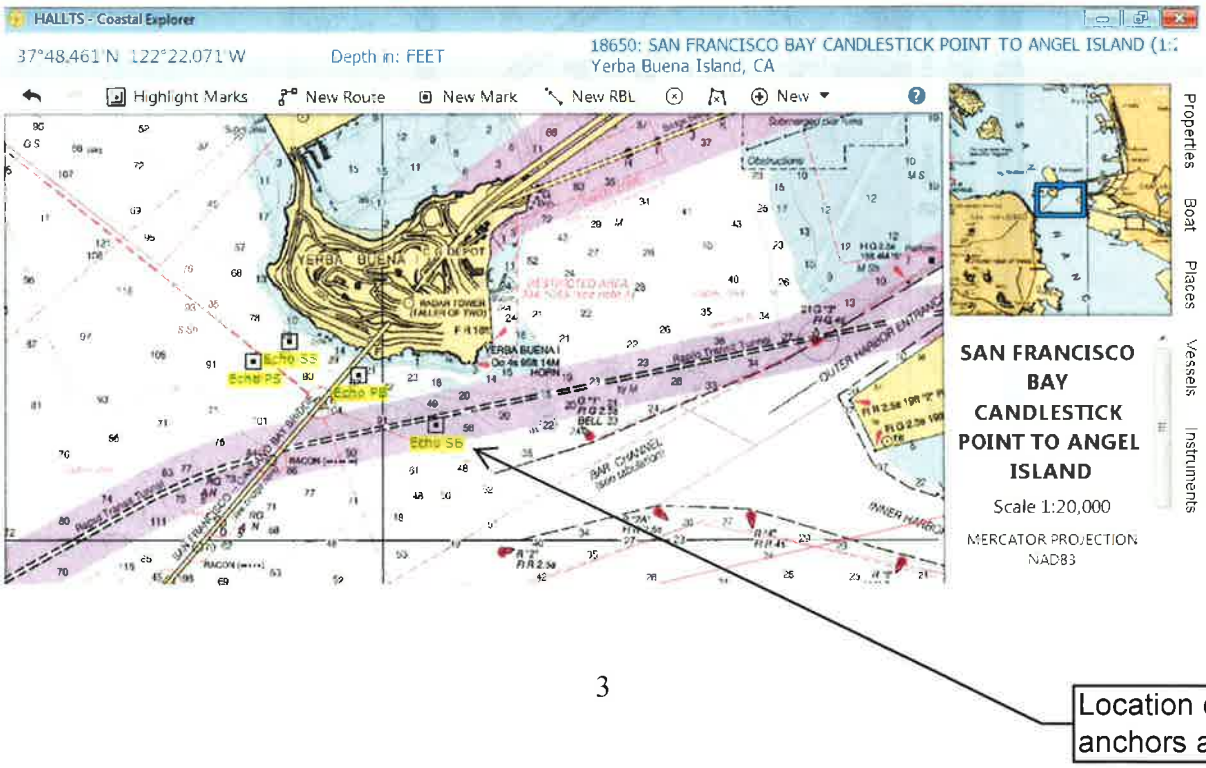
Enclosure (1)

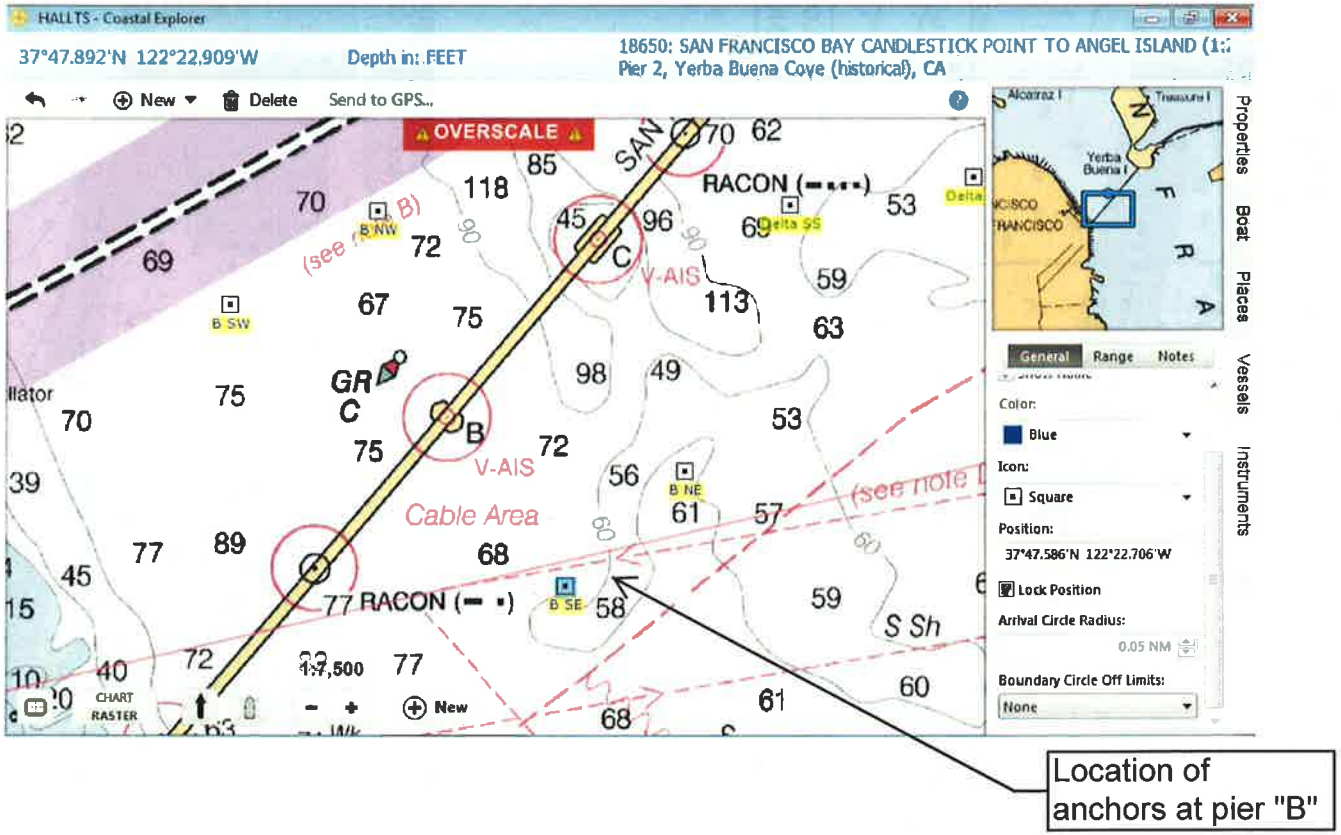
Fender Repair Project
Western Span San Francisco/Oakland Bay Bridge
Mile 8.9
San Francisco Bay

Locations of Anchors at Pier "B", "D", and "E"



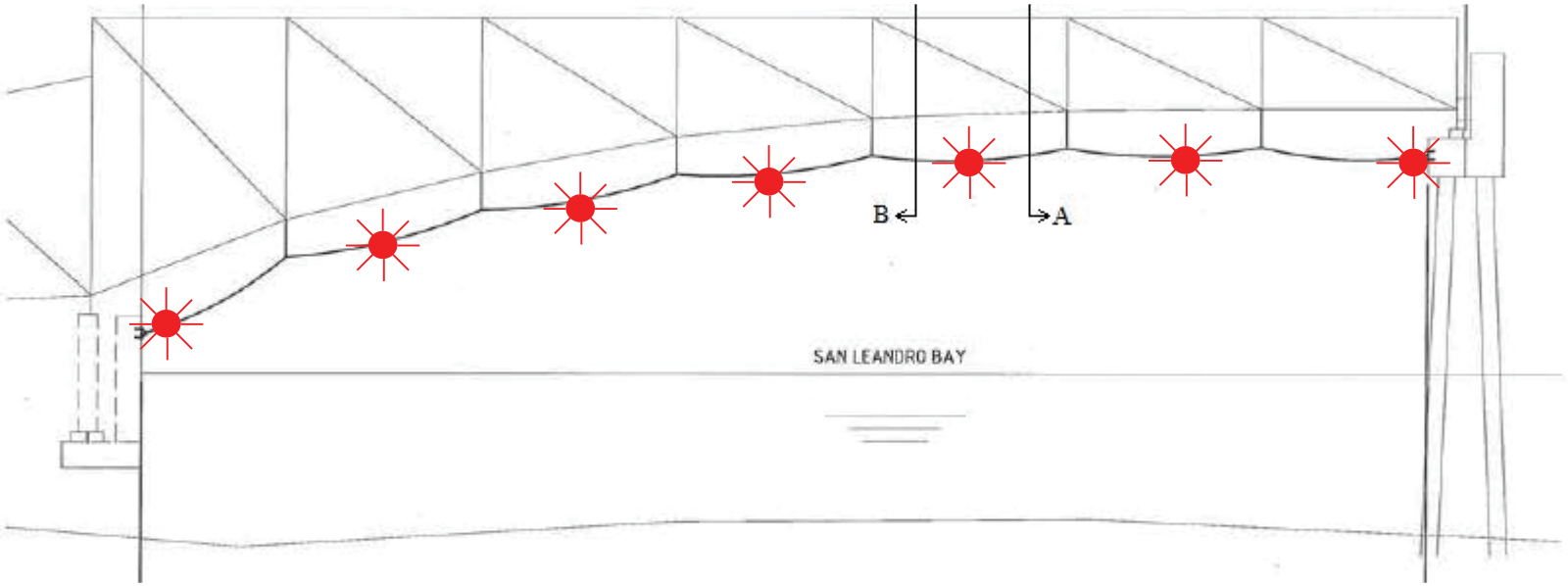
Enclosure 2:




HALLTS - Coastal Explorer
37°47.892'N 122°22.909'W
Depth in: FEET
18650: SAN FRANCISCO BAY CANDLESTICK POINT TO ANGEL ISLAND (1:
Pier 2, Yerba Buena Cove (historical), CA
New
Delete
Send to GPS...
OVERSCALE
RACON
V-AIS
Cable Area
GR
C
B
1:7,500
CHART
RASTER
New
Properties
Boat
Places
Vessels
Instruments
General
Range
Notes
Color:
Blue
Icon:
Square
Position:
37°47.586'N 122°22.706'W
Lock Position
Arrival Circle Radius:
0.05 NM
Boundary Circle Off Limits:
None
Location of anchors at pier "B"

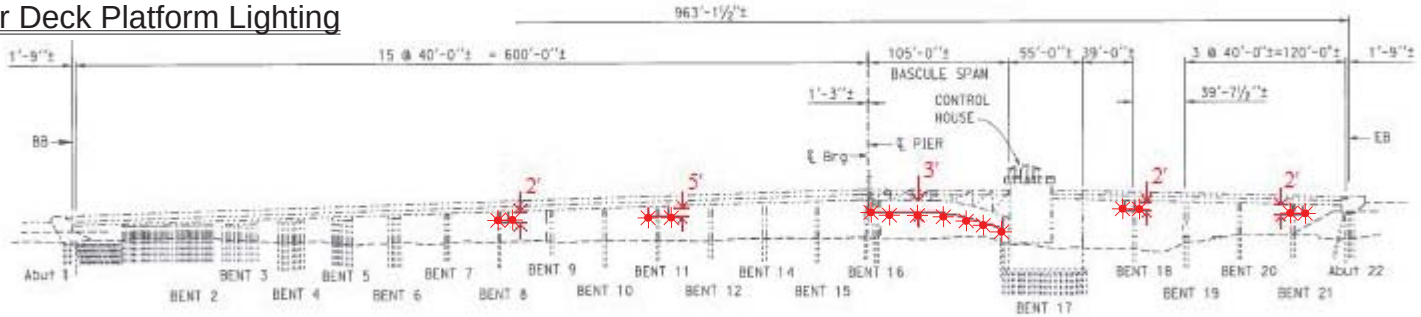
Buoy log booms will be set up to divert river traffic away from any block nets, turbidity curtains, bridge trestle and falsework; the river traffic will be directed through the designated trestle bay opening. Opening shall be wide enough to compensate all water traffic; width of a single bay will be as wide as 24'-6". Buoy lines will be anchored on shore and then either attached to the trestle itself or anchored to the bottom of the riverbed to keep the line in place.
McHenry Ave Bridge Replacement Project
Mile 29.5
Stanislaus River
Buoy Line to direct waterway users floating downstream.
A temporary bridge, providing 20' of horizontal clearance and 7' of vertical clearance, at ordinary high water, will remain in place during the construction of the replacement bridge.
Stanislaus River
Google
2D

Bay Farm Island (CA RT 61) Drawbridge
Mile 0.0
San Leandro Bay
Under Deck Platform Lighting - Main Span



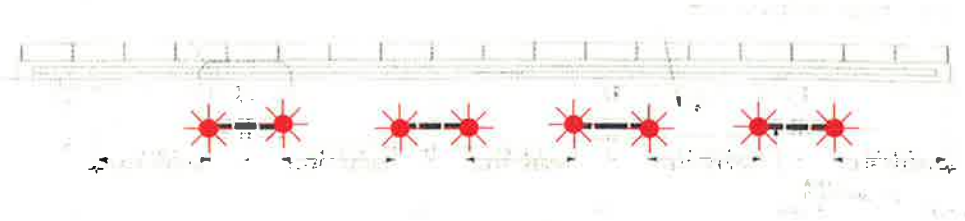
The temporary under deck platform reduces vertical clearance in the span by approximately 3 feet. The upstream and downstream low deck of the platform is lighted at night with steady burning red lights so as to be seen by approaching vessels at 2000 yards.

Bay Farm Island (CA RT 61) Drawbridge
Mile 0.0, San Leandro Bay
Under Deck Platform Lighting



The upstream and downstream lower corners of the under deck platforms between bents; 8-9, 10-12, 17-18, and 21-22, are lighted at night with steady burning red lights so as to be seen by approaching vessels at a distance of 2000 yards.

Brookhurst St Bridge
Mile 0.51
Talbert Channel
Temporary Platform Lighting
Preventative Maintenance Project



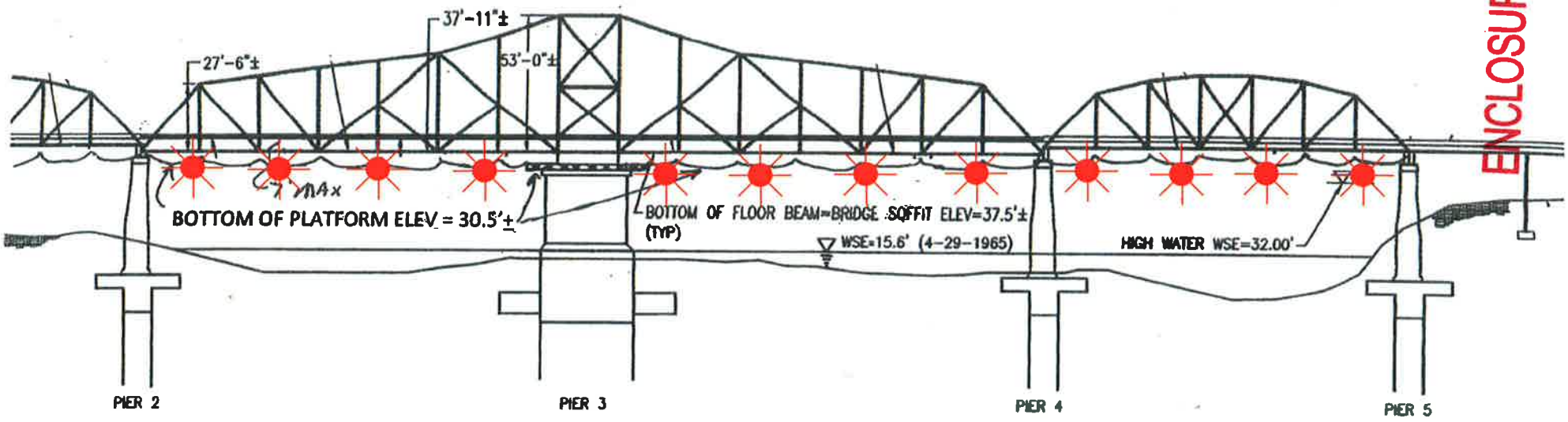
ELEVATION

The upstream and downstream corners of each platform is lighted at night with steady burning all-round red lights so as to be seen by approaching vessels at a distance of 500 yards.

DETAIL 1

ENCLOSURE (2)

ENCLOSURE (7)



Temporary Platform Lighting

Jibboom St Rehabilitation Project

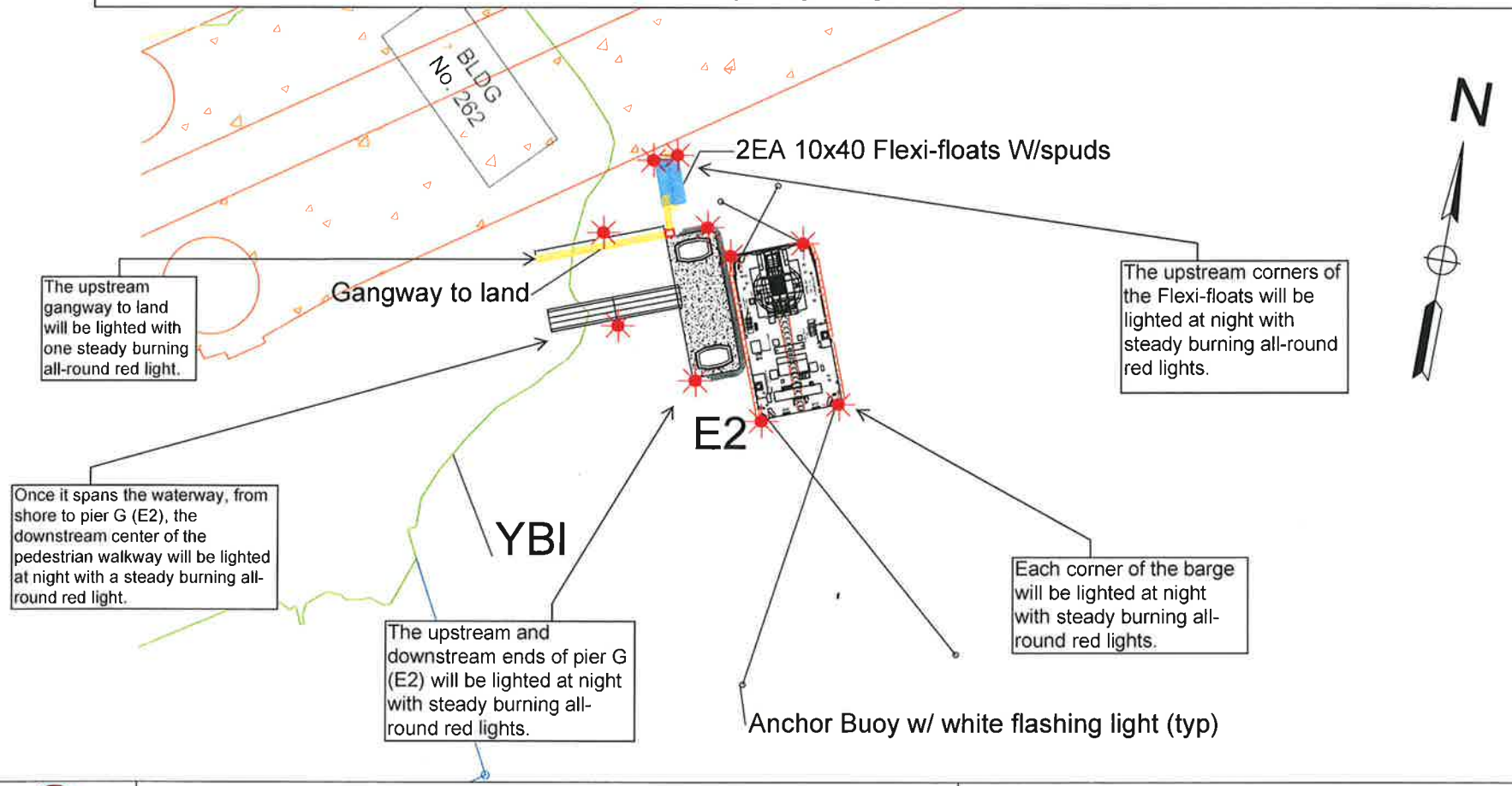
Mile 0.1

Sacramento River

The upstream and downstream bottom of the temporary below deck platform is lighted at night with steady burning all-round red lights, placed every 30 feet, visible at 300 yards from approaching vessels. The platform reduces vertical clearance at the bridge by approximately 7 feet.

Replaced Eastern Span San Francisco/Oakland Bay Bridge
Mile 8.9, over San Francisco Bay

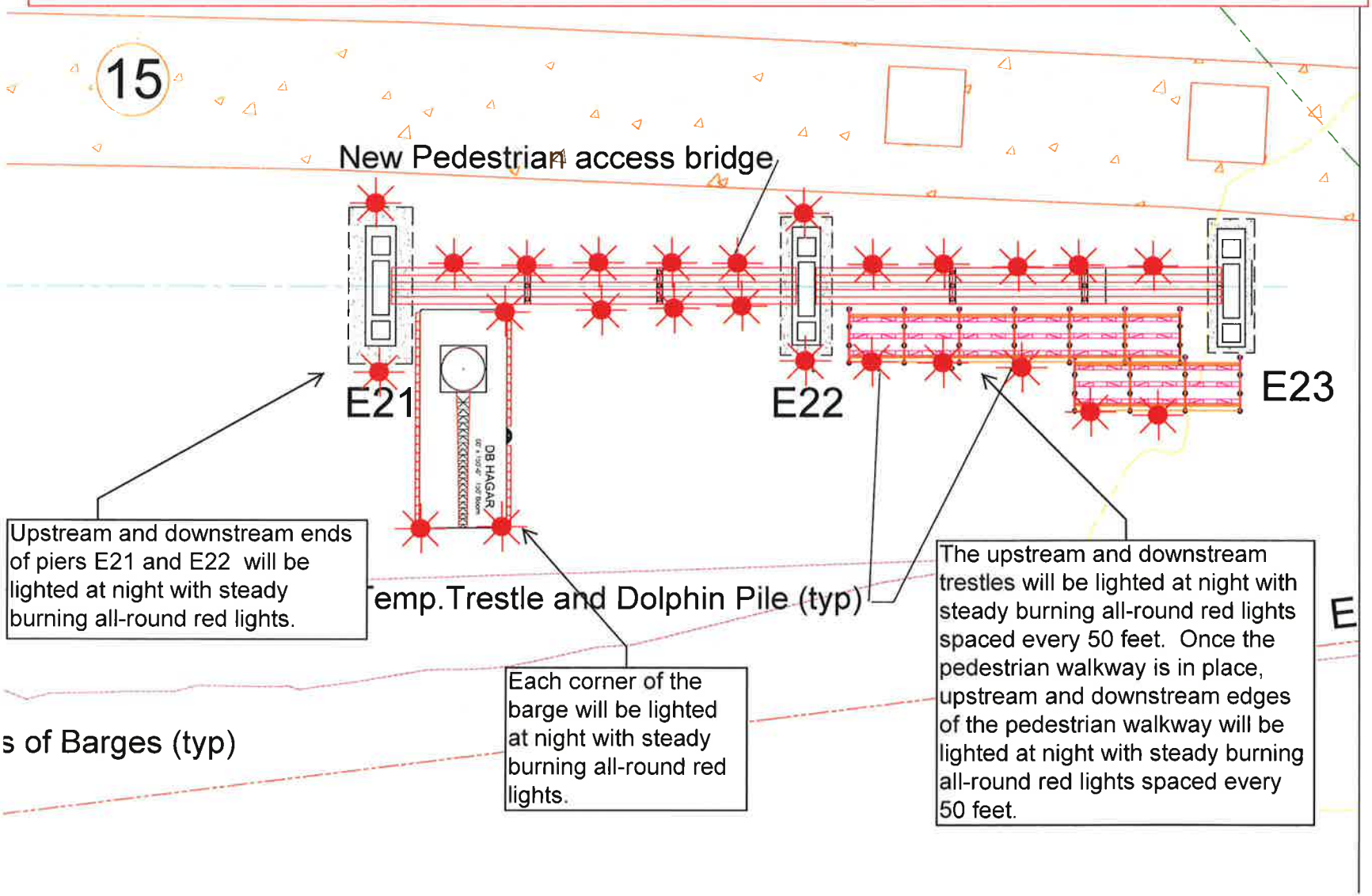
Conversion of Pier G (E2)
Lighting Diagram 1 of 2



KIEWIT/MANSON AJV	Title: Anchor Waiver - Pier E2			Notes/Comments: Typical Crane Barge and anchor setup at pier E2.
	Job: SFOBB East Side Foundation Removal Phase (Season 3)			
	Drawn By: Josh Norquist	Date: 3/5/18	Page 1 of 2	
	Checked By:	Scale: NTS		

Replaced Eastern Span San Francisco/Oakland Bay Bridge
Mile 8.9, over San Francisco Bay

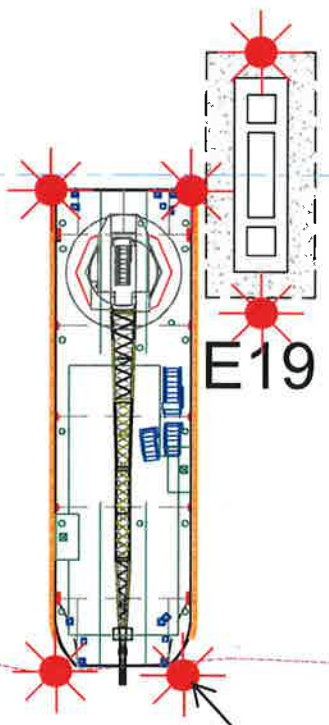
Conversion of Piers E21, E22, E23
Lighting Diagram 2 of 2



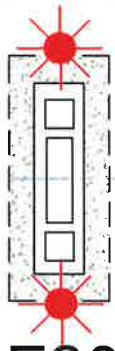
Replaced Eastern Span San Francisco/Oakland Bay Bridge
Mile 8.9, over San Francisco Bay
Pier Removal

Each corner of the barge is lighted at night with steady burning all-round red lights.

The upstream and downstream ends of piers E19 and E-20 are lighted at night with steady burning all-round red lights.



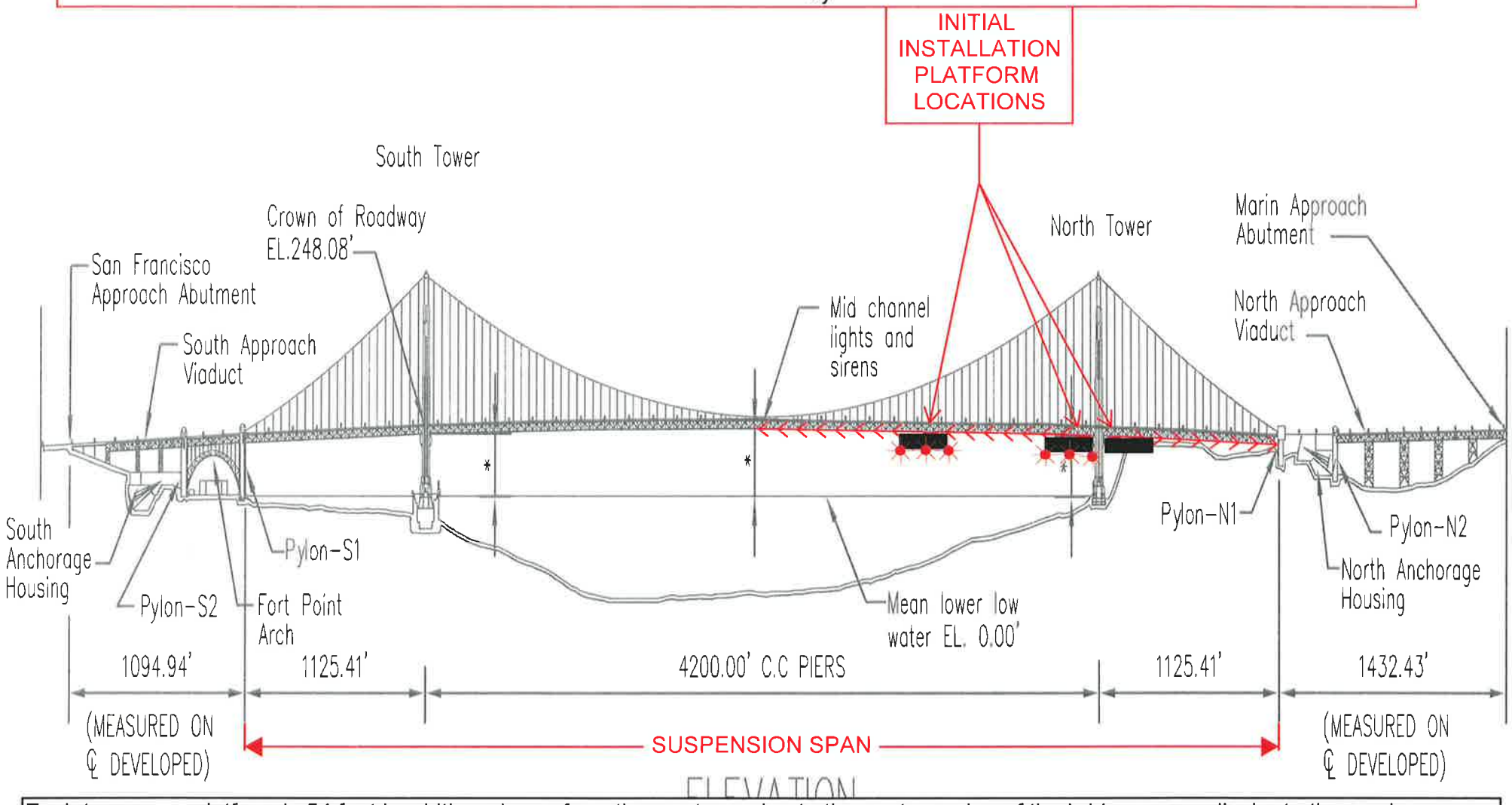
E19



E20

Typical barge location. The 210' X 60' barge will be moored at various locations in and around piers E-19 and E-20 during the duration of the removal of the piers.

Lighting Diagram
Temporary Work Platform
Golden Gate Bridge
Mile 2.5
San Francisco Bay



Each temporary platform is 54 feet in width and runs from the western edge to the eastern edge of the bridge perpendicular to the roadway.

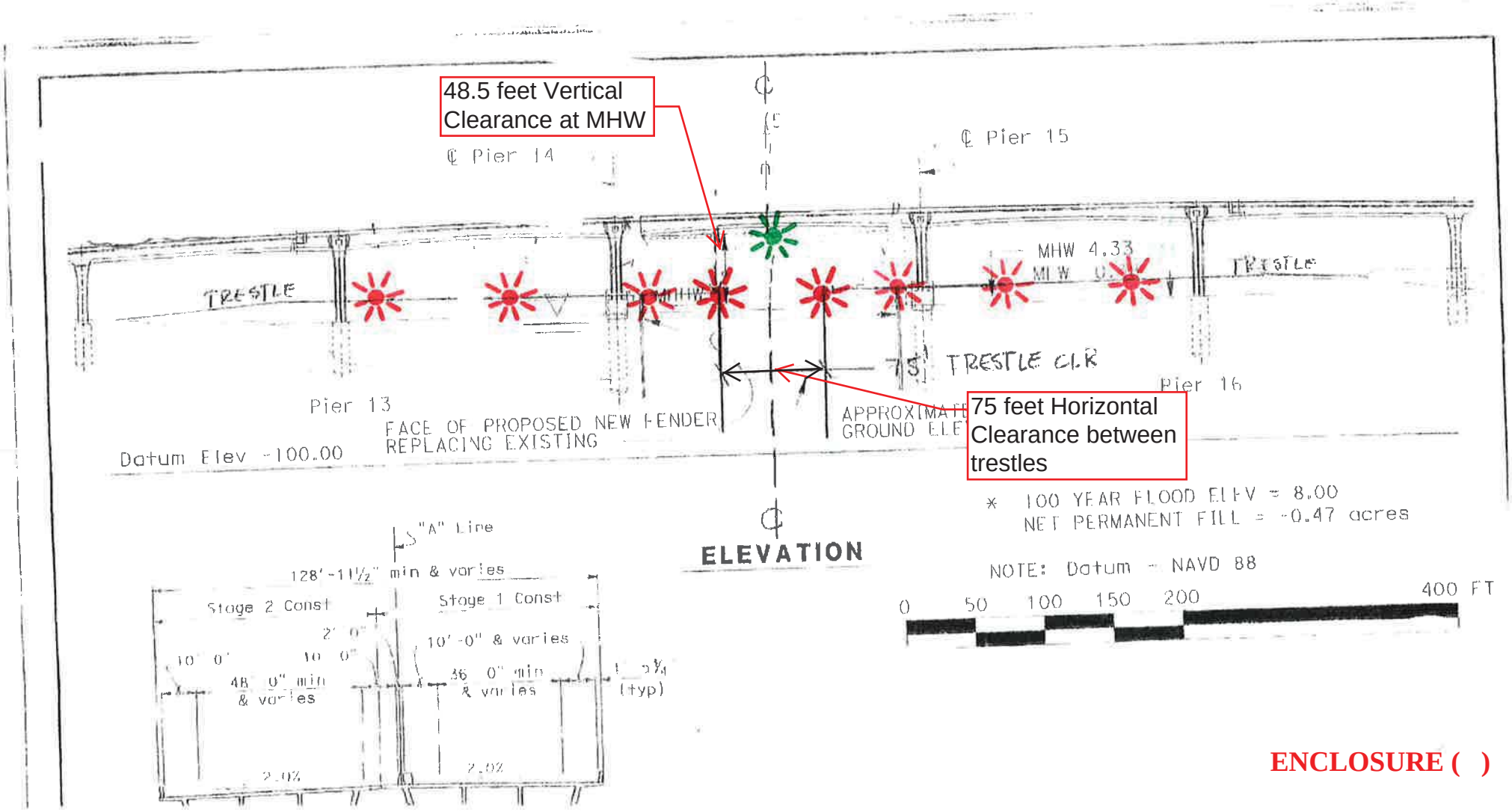
The temporary platforms reduce vertical clearance of the bridge by 14 feet.

The upstream and downstream lower edges of the temporary platform shall be lighted at night with three steady burning all-round fixed red lights, one at each corner and one on the centerline, visible at 2,000 yards from approaching vessels.

Replacement Schuyler Heim Bridge Project

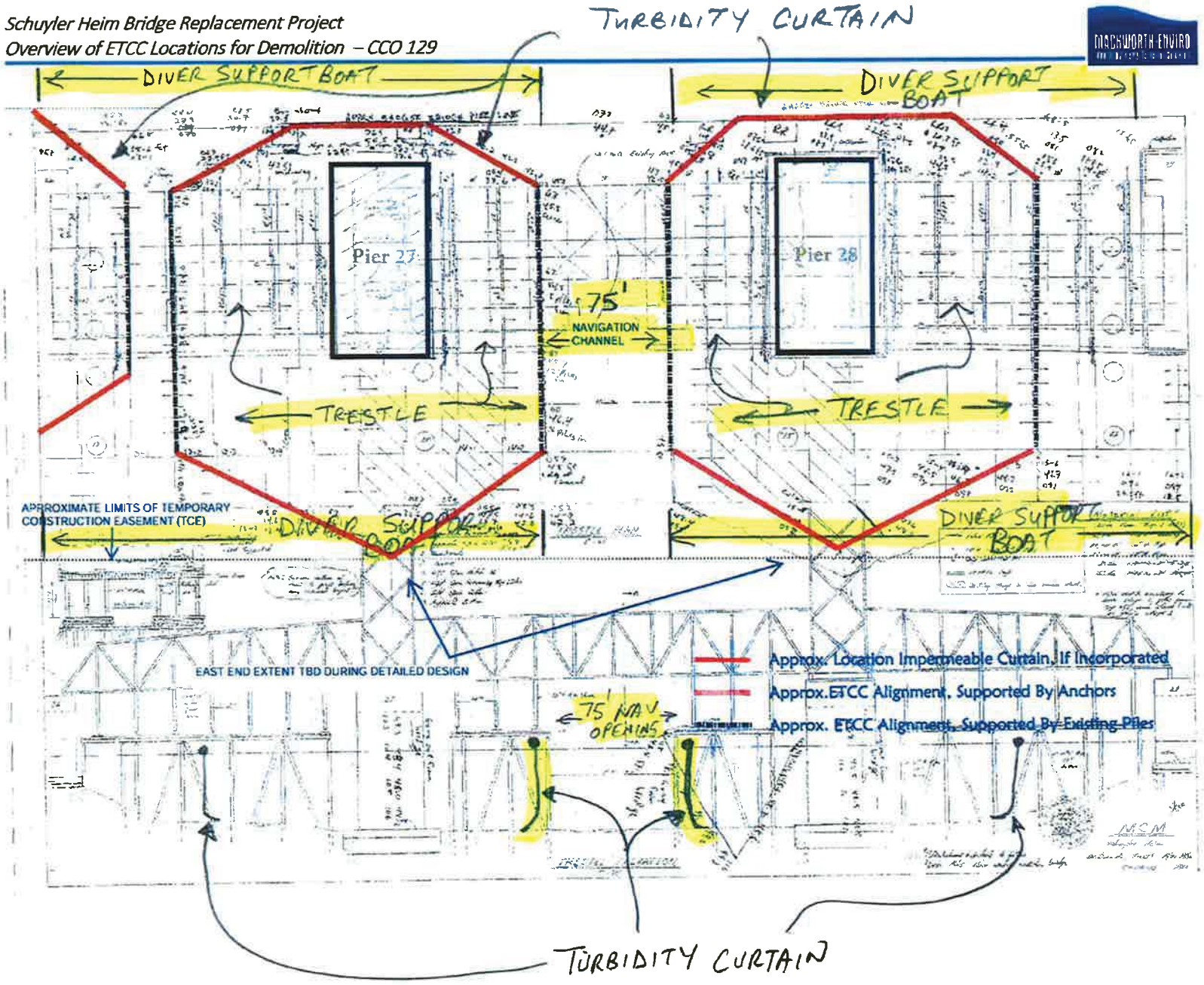
Temporary Lighting Diagram during Construction

The temporary trestles provide 75 feet of horizontal clearance and 48.5 feet of vertical clearance from Mean High Water to the lowest hittable portion of the bridge between the trestles.
The upstream and downstream trestles are lighted at night with steady burning all-round red lights. The center of the navigation span, between piers 14 and 15, is marked at night with all-round steady burning green lights.



ENCLOSURE ( )

Schuyler Heim Bridge Replacement Project
Overview of ETCC Locations for Demolition – CCO 129



- DIVERS IN/AROUND TURBIDITY CURTAIN AS NEEDED; SUPPORT BOAT ADJACENT TO TRESTLE, W/O WORKING IN NAVIGATION OPENING
- NO AFTER-HOURS MOORING DUE TO JOB SECURITY CONCERNS