U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 42/19

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

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

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0022-19, SF-0107-19, LA-0150-19, and SD-0081-19 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/ or call D11 Waterways Management Branch at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

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

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

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

CALIFORNIA-POTENTIAL DISCREPANT FIXED AIDS TO NAVIGATION DUE TO POWER OUTAGES ANNOUNCEMENT

The National Weather Service has issued warnings for a Diablo and Santa Ana wind event where the risk of a wildfire is of significantly greater impact to Coast Guard units and infrastructure that may including prolonged precautionary power outages. Due to potential power outages, mariners are advised that there could possibly be fixed Aids to Navigation that are without power and therefore not generating the required light configuration. Local Coast Guard Command Centers will update the maritime community of these aids effected by the power outages via local Broadcast Notice to Mariners on VHF-FM chan. 16. For more details or comments contact LTJG Katherine Clark at Katherine.R.Clark@USCG.MIL, 510-437-5984.

LNM: 41/19

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

Chart 18649 LNM: 45/16

NORTHERN CALIFORNIA-HUMBOLDT BAY-SEASONAL AID DISESTABLISHMENT

Humboldt Bay Lighted Bell Buoy 2 (LLNR 8135) will be temporary disestablished for the 2019-2020 winter season from November thru May. The buoy is scheduled for re-establishment and back on-station station May 2020. A Synthetic AIS for the aid position is active and will be available year-round for this aid position. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18620 18622 LNM: 42/19

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

NOAA Sanctuaries requests a voluntary Vessel Speed Reduction within the San Francisco Traffic Seperation Scheme (SF TSS) until 15 Nov 19. Vessels 300 gross registered tons or larger transiting the SF TSS (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.), see enclosure VSRMap2019_SF.pdf. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16. NOAA is asking for the public’s help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18640 18680 LNM: 17/19

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

NOAA Voluntary Whale Advisory Vessel Speed Reduction Zone to reduce the impact of ship strikes on whales - NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Whale Advisory Zone do so at speeds not in excess of 10 knots. These areas contain populations of endangered blue, humpback, and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.). The NOAA Voluntary Whale Advisory Zone extends from approximately Dana Point to Pt. Arguello and vessels are requested to transit at 10 knots or less anywhere in this zone, see enclosure VSRMap2019_SC.pdf. Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the Extended Area To Be Avoided to reduce the overlap of ships and endangered whales. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public’s help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18700 18720 18740 LNM: 19/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY- WATERWAYS ANALYSIS AND MANAGEMENT SYSTEM ANNOUNCEMENT

The United States Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study for San Diego Bay to validate the adequacy of the existing aids to navigation system and to gain a better understanding of the uses of the waterway and general safety issues. The information collected from this survey will be used to assess what may be done to enhance safe navigation of the waterway and to anticipate and plan our budgeting processes. Interested companies or individuals wishing to provide feedback can do so by completing a short user survey here: https://www.surveymonkey.com/r/SanDiegoBay. This Survey is scheduled to remain open through 30 November 2019. For more details or comments contact LTJG Katherine Clark at Katherine.R.Clark@USCG.MIL, 510-437-5984.

LNM: 36/19

SOUTHERN CALIFORNIA-SANTA MONICA BAY-WATERWAYS ANALYSIS AND MANAGEMENT SYSTEM ANNOUNCEMENT

The United States Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study for Santa Monica Bay to validate the adequacy of the existing aids to navigation system and to gain a better understanding of the uses of the waterway and general safety issues. The information collected from this survey will be used to see what may be done to enhance safe navigation of the waterway and to anticipate and plan our budgeting processes. Interested companies or individuals wishing to provide feedback can do so by completing a short user survey here: https://www.surveymonkey.com/r/SantaMonicaWAMS. This Survey is scheduled to remain open through 31 October 2019. For more details or comments contact LTJG Katherine Clark at Katherine.R.Clark@USCG.MIL, 510-437-5984.

LNM: 33/19

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	ADRIFT	18022	SD-0039-18	52/16	
5	Point Loma Light	REDUCED INT	18773	SD-0100-17	36/17	
365	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
380	Noonday Rock Lighted Bell Buoy 28	MISSING	18645	SF-0161-18	44/18	
448	Dart Tsunami Warning Lighted Buoy Station 46411	ADRIFT	18010	SF-0100-19	40/19	
562	NOAA Environmental Lighted Buoy 46027	MISSING	18603	HB-0008-19	17/19	
2295	Oceanside Breakwater Light 1	DAYMK MISSING	18758	SD-0020-19	16/19	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2641	Isthmus Cove Harbor Reefs Light	STRUCT DEST/TRLB	18757	LA-0094-18	29/18	
2670	Santa Catalina Island West End Light	LT EXT	18757	LA-0113-19	34/19	
2826	Anaheim Bay Channel Light 11	STRUCT DEST/TRLB	18749	LA-0143-19	41/19	
3595	Port Hueneme Entrance Lighted Whistle Buoy PH	MISSING	18724	LA-0042-19	14/19	
3625	Port Hueneme Channel Lighted Buoy 6	LT EXT	18725	LA-0126-19	37/19	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0092-19	36/19	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
4645	Oakland Outer Harbor Light 7	STRUCT DMGD/TRLB	18650	SF-0089-18	23/18	
4650	Oakland Outer Harbor Light 9	STRUCT DEST/TRLB	18650	SF-0058-18	26/18	
5180	Redwood Creek Entrance Light 2	STRUCT DEST/TRLB	18651	SF-0153-15	34/15	
5240	Redwood Creek Light 13	STRUCT DMGD/TRLB	18651	SF-0201-17	41/17	
5665	Richmond Harbor Channel Lighted Buoy 2	OFF STA	18650	SF-0093-19	37/19	
5775	Castro Rocks Lighted Buoy 2CR	LT EXT	18649	SF-0103-19	41/19	
6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14	
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036-17	05/17	
6540	**Suisun Bay Channel Lighted Buoy 22**	**SINKING**	**18658**	**SF-0107-19**	**42/19**	
6785	San Joaquin River Light 30	STRUCT DEST/TRLB	18660	SF-0018-19	05/19	
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-19	23/19	
7170	Sacramento River Deep Water Ship Channel Light 1	STRUCT DEST/TRLB	18659	SF-0078-19	25/19	
7240	Sacramento River Deep Water Ship Channel Light 16	STRUCT DEST/TRLB	18660	SF-0127-18	34/18	
7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17	
7780	Bodega Harbor Channel Light 2	STRUCT DMGD	18643	SF-0184-17	34/17	
7785	**Bodega Harbor Channel Range A Front Light 3**	**LT EXT**	**18643**	**SF-0106-19**	**42/19**	

7795	Bodega Bay Harbor Light 4	STRUCT DEST/TRLB	18643	SF-0193-18	52/18
7865	Bodega Harbor Channel Daybeacon 18	STRUCT DMGD/TRUB	18643	SF-0256-17	50/17
7885	Bodega Harbor Channel Daybeacon 22	STRUCT DEST/TRUB	18643	SF-0069-12	01/13
7954	Bodega Harbor Channel Daybeacon 35	STRUCT DEST/TRUB	18643	SF-0001-19	02/19
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
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
2015	San Diego Bay Channel Lighted Buoy 33	WATCHING PROPERLY	18773	SD-0081-19	42/19	42/19
2395	Dana Point Breakwater Light 3	WATCHING PROPERLY	18746	LA-0146-19	41/19	42/19
7000	Stockton Channel Range D Rear Light	WATCHING PROPERLY	18663	SF-0104-19	42/19	42/19
7155	Stockton Channel Light 45	WATCHING PROPERLY	18663	SF-0105-19	42/19	42/19

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20	Ocean Beach Pier Fog Sound Signal	SS INOP	18765	SD-0002-19	05/19	
158	Scripps Waverider Lighted Research Buoy 092	OFF STA	18746		45/18	
1765	Harbor Island East Basin Channel Buoy 2	OFF STA	18773	SD-0028-19	19/19	
1790	Harbor Island East Basin Channel Buoy 10	OFF STA	18773	SD-0044-19	27/19	
1900	Glorietta Bay Channel Lighted Buoy 8	LT IMCH	18773		50/18	
2065	Coronado Cays Channel Light 2	LT EXT	18773	SD-0047-19	29/19	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
3339.2	REDONDO HARBOR LIGHT	LT EXT	18744	LA-0181-18	52/18	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	
4826	Bay Farm Island Light 1	LT EXT	18650	SF-0014-19	05/19	
4826.15	Bay Farm Island Light 3	LT EXT	18650	SF-0014-19	04/19	
5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT/RAC INOP	18653	SF-0026-19	07/19	
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING	18653		36/18	
6623	New York Slough Koch West Light	LT IMCH	18659		39/18	
6624	New York Slough Koch East Light	LT EXT	18659		39/18	
6645.5	Delta Diablo Outfall Lighted Buoy	BUOY DMGD	18659		39/18	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

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

None

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

None

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)	Project Date	Ref. LNM

None

Advance Notice(s)

NORTHERN CALIFORNIA-SANTA CRUZ-DREDGE OPERATIONS

The Santa Cruz Port District will conduct dredge operations at the entrance to Santa Cruz Harbor, CA from 01 Nov 19 until April 2020 between the hours of 0700-1600. During dredge operations the following aids will be temporarily disestablished:
Santa Cruz Harbor buoy 1 (LLNR 4090)
Santa Cruz Harbor Lighted Buoy 2 (LLNR 4095)
Santa Cruz Harbor Buoy 3 (LLNR 4100)
Santa Cruz Harbor Buoy 4 (LLNR 4105)
A temporary yellow/red anchorage buoy with a Fl Y 1s will be utilized outside of the naviagational channel at 36-57-37N 122-00-00W. Dredge TWIN LAKES along with support tug DAUNTLESS will monitor VHF-FM Chan. 08, 09, and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the dredge. For more details or comments contact Santa Cruz Harbor on VHF-FM Chan. 09 and 16 or at 831-475-6161.

Chart 18685 LNM: 41/19

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

None

Proposed Change Notice(s)

HUMBOLT BAY - HUMBOLDT BAY ENTRANCE CHANNEL RANGE

The U.S. Coast Guard is proposing to upgrade the lighting system on Humboldt Bay Entrance Range Front Light. The result will increase the distance the range is able to be seen from 10 NM to 12 NM.

The U.S. Coast Guard is seeking public comment on this permanent change. Please direct questions, comments, or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18620 18622

LNM: 35/19

PROPOSAL TO TERMINATE MEDIUM FREQUENCY BROADCASTS OF NAVIGATION TELEX (NAVTEX)

The U.S. Coast Guard (USCG) is soliciting comments through 12 Nov 19, regarding the proposal to terminate medium frequency broadcasts of Navigation Telex (NAVTEX) and provide the same information over satellite. The Federal Register Notice, released by the USCG, can be found at the link below. https://www federalregister.gov/documents/2019/09/11/2019-19675/proposed-termination-of-us-coast-guard-medium-frequency-mf-broadcast-of-navigational-telex-navtex. The Federal Register Notice will be posted for 60 days.

LNM: 40/19

SAN FRANCISCO BAY - PROPOSED RANGE UPGRADE

The U.S. Coast Guard is proposing to increase the brightness of Oakland Outer Harbor Ranges A, B, and Center due to the background lighting of the Oakland Stadium. This change will make identifying the ranges much easier.

The U.S. Coast Guard is seeking public comment on this permanent change. Please direct questions, comments or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18650

LNM: 33/19

SOUTHERN CALIFORNIA-NEWPORT BAY CHANNEL-AID CONVERSION

The U. S. Coast Guard is proposing to make the temporary buoy for Newport Bay Channel Light 11 (LLNR 2470) a permanent buoy and is seeking public comment on this permanent change. Please direct questions, comments, or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18754

LNM: 38/19

SECTION VII - GENERAL

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

ARIZONA-BULLHEAD CITY-COLORADO RIVER-DAVIS DAM

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

LNM: 16/18

COLORADO RIVER-LAKE HAVASU-MARINE EVENT

"Another Dam Race" paddling event from 0700-1200 on 02 Nov 19. The event will consist of 800 participants racing on outrigger canoes, stand up paddle boards, kayaks, and surf skis. The race course begins at the River Lodge Resort, Parker Dam, CA and ends at the Blue Water Resort and Casino, Parker, AZ. Mariners are requested to transit the area with caution. For more details or comments contact John Burns at 602-513-3067.

LNM: 42/19

NORTHERN CALIFORNIA - HUMBOLDT BAY - HUMBOLDT BAY LIGHT 21

Humboldt Bay Light 21 (LLNR 8270) has been reported knocked down. Wreckage is currently in the vicinity of position 40-48-26N 124-10-10W. Buoy "WR21" is on station. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz, Signals Management Specialist, at (510) 437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18622

LNM: 36/19

NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS

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

Charts: 18010 18645

LNM: 52/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

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

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

Chart 18649 LNM: 41/18

NORTHERN CALIFORNIA-DELTA & RIVERS-DUTCH SLOUGH-BRIDGE

JERSEY ISLAND ROAD BRIDGE-Contra Costa County will be conducting bridge structural repairs and installing fiberglass jackets around bridge piers, Mon-Fri, 0700-1530, through 25 Oct 19. Contractor Vortex Marine Construction will be utilizing 4'x12' work floats tied to piers during the project. For conditions at the bridge, mariners can contact Vortex Marine at 510-715-0541. Mariners are requested to transit the work site with caution. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3515.

Charts: 18660 18661 LNM: 33/19

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

NEW WOODWARD ISLAND BRIDGE CONSTRUCTION-The new bridge completely spans the waterway and provides approximately 25 feet of vertical clearance at mean high water and 80 feet of horizontal clearance between piers 4 and 5, the main navigation span. Exact navigational clearances will be provided to the Coast Guard once the bridge owner completes construction and the navigation span surveyed. The 80' wide navigational channel, marked by lighted channel buoys, is still in place, available for vessel passage. (See WoodwardConstruction_Lighting.pdf at the end of this notice for the construction lighting configuration). Installation of dolphin piles for pier protection and removal of the existing ferry docks is the only work remaining. Work is being conducted Monday through Saturday, 0700-2000. One spudded 45' x 200' material barge, one spudded 60' x 160' 230-ton crawler crane barge, the LINDA T work boat and several skiffs will be moored at various locations during the remainder of the work. The crane barge and LINDA T will be monitoring VHF-FM Chan. 09, 16 and 80A and can be moved for navigational safety if 4.5 hours notification is given to the contractor. After the workday, the barges will be left on-site. The upstream and downstream corners of each barge will be lighted at night with steady burning red lights. For more information contact the contractor at 415-686-3938 or the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 41/19

NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE

MOKELUMNE RIVER (CA RT 12) SWING BRIDGE-The drawspan will be secured in the closed-to-navigation position from 2200 on 17 OCT 19 through 0600 on 18 OCT 19 to conduct emergency repairs. The bridge span provides 7 feet of vertical clearance from mean high water to low steel in the closed position. Vessels that can transit the bridge while closed can continue to do so at any time. The bridge will not be able to open in the event of an emergency. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 42/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

PAINTERSVILLE DRAWBRIDGE-In order to complete maintenance, the drawbridge will be operating a single leaf operation on 21 Oct 19, 2100 to 0500 the following day. During single leaf operation the navigation span provides a horizontal clearance of 77'. Mariners should contact the bridge operator four hours prior to transiting the bridge to determine what leaf is operational. For more details or comments contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18662 LNM: 39/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE-The drawspan will be secured in the closed-to-navigation position from 0730-1130 on 20 Oct 19, to allow community participation in the Making Strides Against Breast Cancer walk. The bridge provides 30' of 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 Bridge Office at 510-437-3515.

Chart 18662 LNM: 37/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

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

Chart 18662 LNM: 28/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

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

Chart 18662 LNM: 28/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE-The drawspan will be secured in the closed-to-navigation position from 1700-2130 on 02 Nov 19, to allow community participation in the Leukemia & Lymphoma Society's "Light the Night" walk. In the event of an emergency, the drawspan can be operated normally.

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

The bridge provides 30' vertical clearance above mean high water when closed. Vessels that can transit the bridge in the closed-to-navigation 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: 41/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RIO VISTA DRAWBRIDGE-A temporary change in the drawspan operation schedule will be in place until 10 Jan 20. Separate temporary operating schedules for Commercial and Recreational vessels are as follows. The proposed temporary operating schedule changes are as follows:

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

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

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

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

Chart 18661 LNM: 18/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

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

Chart 18662 LNM: 11/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE-The drawspan will be secured in the closed-to-navigation position from 0830-0930 on 26 Oct 19, to allow community participation in the Be the Gift 5k Walk/Run. The bridge provides 30' of 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 Bridge Office at 510-437-3515.

Chart 18662 LNM: 41/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

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

Chart 18664 LNM: 13/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-SURVEY OPERATIONS

Taber Drilling will conduct exploratory boring operations on the Sacramento River at various locations 1000yds upstream of the “I” Street Bridge, Monday through Friday, 0700-1600 until 18 Oct 19. Operations will be conducted from an anchored 24' X 14' drill barge and can be moved during the workday for navigational safety with 1-hour advance notification. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662 LNM: 37/19

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

REPLACEMENT NAVY DR BRIDGE-Construction of the replacement bridge is complete. Removal of the existing bridge is still in progress. The replacement bridge provides 18 ft of vertical clearance at mean high water and 90 ft of horizontal clearance in the middle navigation span. Mariners should use the middle and south east navigation spans until the remaining replaced bridge is completely removed from the waterway. Work is conducted Monday through Saturday from 0600 to 1900. For conditions at the bridge, mariners can contact the contractor at 925-200-9175 or 760-846-5842. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 33/19

NORTHERN CALIFORNIA-DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE

THREE MILE SLOUGH DRAWBRIDGE-The drawspan is secured in the closed-to-navigation position due to operational failure. Estimated time of repair unknown. The bridge provides 12’ of vertical navigational clearance at mean high water when closed. Vessels able to transit the bridge while closed can continue to do so at any time. Through 20 Oct 19, a 10’ wide platform will be installed below low steel on the western side of the bridge, reducing vertical clearance by 4’. The upstream and downstream lower edges of the platform will be lighted at night with steady burning red lights. For more details or comments contact the Coast Guard Bridge at 510-437-3516.

Chart 18661 LNM: 39/19

NORTHERN CALIFORNIA-DELTA & RIVERS-TURNER CUT-BRIDGE

ZUCKERMAN BROTHERS DRAWBRIDGE-The phone number for the bridge tender has been permanently changed to 209-227-6092.

Chart 18661 LNM: 41/19

NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARDOUS CONDITIONS

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

Chart 18622 LNM: 50/18

NORTHERN CALIFORNIA-ISLAIS CREEK-BRIDGE

THIRD STREET DRAWBRIDGE-A 60' X 60' crane barge will be spudded down just west of the bridge on either the north shore or the south shore and may partially obstruct the navigational clearances of the bridge (See Islais_Creek_Barge_Location.pdf). In-water work is taking place Monday through Friday 0600-1430 through 18 Oct 19. For on-site information mariners can contact the contractor at 510-773-4485.

Chart 18649 LNM: 40/19

NORTHERN CALIFORNIA-MARE ISLAND STRAIT-DREDGE OPERATIONS

Mare Island Dry dock LLC. is conducting maintenance dredging at Mare Island Shipyard, Dry Dock 02-04 and berths 13-15 at 38-05-49N 122-15-54W until 30 Nov 19. Vessels will transport dredged material north on the Napa River to the Dutchman Slough. Dredge barge SONNIE DELIGHT, barge GRETA JEAN; along with tug TRIG LIND will be on site monitoring VHF-FM Chan. 11. Mariners are requested to transit the area with caution. For more details or comments contact Skyler Coleman at 707-291-6367.

Chart 18655 LNM: 32/19

NORTHERN CALIFORNIA-MONTEREY BAY-USV OPERATIONS

Liquid Robotics, Inc. is conducting 24/7 autonomous, unmanned maritime vehicle operations offshore Monterey Bay, CA until 30 Dec 19. Operations will consist of scientific ocean data collection conducted continuously between the following coordinates:
36-46-49N 122-22-22W
36-45-19N 122-08-08W
The Wave glider 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), copper/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 Operation Center at 408-636-4205 or by email at support@liquidr.com.

Chart 18685 LNM: 41/19

NORTHERN CALIFORNIA-MONTEREY BAY-WATER QUALITY SURVEY

Kinnetic Laboratories in conjunction with Central Coast Long-term Environmental Assessment Network (CCLEAN) have deployed two water-quality samplers in Monterey Bay, CA at 36-53-20N 121-55-30W and 36-42-40N 121-54-40W until 11 Nov 19. The samplers are 3' below the surface and are marked by 4' white buoys, with two horizontal orange stripes, with a warning label, and Fl Y 4s light characteristic. Mariners are requested to transit the area with caution and remain 400' away from the buoys. For more details or comments contact Greg Cotten at 831-239-6192.

Chart 18685 LNM: 41/19

NORTHERN CALIFORNIA-MOSS LANDING-DREDGE OPERATIONS

Pacific Dredge Company is conducting dredge operations at Moss Landing Harbor in Moss Landing, CA from until 30 Nov 19. A 12" dredge pipeline will be utilized during operations starting from the south end of the harbor and ending at the SF-12 disposal site at 36-48-07N 121-47-34W. The dredge pipeline will be marked with 30" cylindrical buoys inside the harbor, 36" can buoys outisde the harbor, and an 8'x10' pontoon at the end of the dredge pipeline near the disposal site. The dredge pipeline marker buoys and pontoon will have a flashing amber light characteristic. A dredge barge with spuds along with support tugs KATHLEEN and CADET will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Walt Jellison at 619-359-9071.

Charts: 18680 18685 LNM: 37/19

NORTHERN CALIFORNIA-MOSS LANDING-WAVEGLIDER DATA COLLECTION

Monterey Bay Aquarium Research Institute (MBARI) is conducting 24/7 autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 31 Dec 19. Vehicles will be deployed in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-12N and 37-12-00N and will extend shoreward as far West as 122-58-35W. Operations consist of scientific ocean data collection. The Waveglider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from MBARI, moving at speeds of ~1kt, and designed to give way or part if encountered by a vessel. It is approximately 6.5' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 3' above the water surface, supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700, waveglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Chart 18685 LNM: 52/18

NORTHERN CALIFORNIA-OAKLAND HARBOR-DREDGE OPERATIONS

Dutra Construction Company is conducting maintenance dredge operations in the Port of Oakland at Berths 24, 25, 26, 30, 32, 33, 35, 37, 55 and 59. Operations will be conducted 24 hours per day 7 days a week until 30 Nov 19. Dredged material will be disposed of at MWRP (Montezuma Wetlands Restoration Project). Clamshell dredge DB 24 and/or DB BEAVER along with tugs SARAH REED and BECKY T will be on scene monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

NORTHERN CALIFORNIA-OAKLAND HARBOR-DREDGE OPERATIONS

Chart 18649 LNM: 40/19

NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT

NOAA has deployed two research buoys at the following coordinates:
36-07-03N 125-08-00W
36-01-40N 125-06-21W
These are 3' yellow octagonal research buoys with Fl W 4s light characteristics. Mariners are requested to transit the area with caution. For more details or comments contact Danny Devereaux at 206-526-6177.

Charts: 501 18010 18020 18022 LNM: 37/19

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

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

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

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

Chart 18654 LNM: 10/18

NORTHERN CALIFORNIA-PINOLE SHOAL-SHOALING

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

Charts: 18654 18655 LNM: 05/19

NORTHERN CALIFORNIA-PITTSBURG-DREDGE OPERATIONS

Pacific Dredge Company will conduct dredge operations in Pittsburg Marina Basin II located in Pittsburg, CA at 38-02-09N 121-52-56W, 24 hours a day until 30 Nov 19. 03 split hull dump scows, 01 dredge barge with clamshell excavator along with tug CONNER and TOMMY will be on scene. All dredged material will be disposed of at SF-9 Carquinez Strait Disposal Site. All vessels will monitor VHF-FM Chan.16. Mariners are requested to transit the area with caution. For more details or comments contact Walt Jellison at 619-359-9071.

Charts: 18656 18659 LNM: 36/19

NORTHERN CALIFORNIA-RICHARDSON BAY-OBSTRUCTION TO NAVIGATION

There is a sunken 18' pleasure craft in Richardson Bay, CA at approximate position: 37-52-06N 122-29-07W. Mariners are requested to transit the area with caution. For more details or comments contact LT Emily Rowan at 415-399-7443.

Chart 18649 LNM: 38/19

NORTHERN CALIFORNIA-SACRAMENTO RIVER-DREDGE OPERATIONS

Ross Island Sand & Gravel Company will conduct maintenance dredge operations in Sacramento Deep Water Ship Channel 24 hours a day 7 days a week until 15 Nov 19. Dredge operations will start at River Mile 10.8 at 39-02-03N 121-42-50W and finish at River Mile 21.4 at 39-05-49N 121-43-43W. The submerged dredge pipe will come ashore at 38-02-39N 121-42-55W, 38-04-09N 121-40-32W and at 38-06-22N 121-36-55W. D/V DREDGE 8 will conduct operations and will monitor VHF-FM Chan. 13, 16, and 79. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7434.

Chart 18661 LNM: 40/19

NORTHERN CALIFORNIA-SACRAMENTO RIVER-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction between the I Street Bridge and Tower Bridge at Raley's Landing in Sacramento, CA during daylight hours until May 2020. Crane barge 12 along with a work boat and small skiffs will be on scene monitoring VHF-FM Chan. 09, 16, and 68A. Mariners are requested to transit the area with caution. For more details or comments contact Todd Bruce at 707-974-9937.

Chart 18649 LNM: 41/19

NORTHERN CALIFORNIA-SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE

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

Chart 18660 LNM: 22/16

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

Dutra Construction Company will conduct marine construction at four separate sites along the Sacramento and San Joaquin Rivers, CA during daylight until 15 Nov 19. Operations will be conducted within the following coordinates:
Site 01 Sherman Island
38-03-54N 121-46-44W
38-03-59N 121-46-32W
38-03-55N 121-46-29W
38-03-50N 121-46-40W
Site 03 Twitchell Island

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

38-05-36N 121-38-50W
38-05-38N 121-38-45W
38-05-33N 121-38-41W
38-05-31N 121-38-46W
Site 04 Twitchell
38-05-54N 121-39-43W
38-05-53N 121-39-30W
38-05-49N 121-39-31W
38-05-49N 121-39-43W
Site 05 Twitchell
38-05-51N 121-40-08W
38-05-53N 121-39-55W
38-05-49N 121-39-55W
38-05-47N 121-40-07W
Tug BECKY T along with a crane barge and material barge will be on scene monitoring VHF-FM Chan. 09, 16, 77, and 80A. Mariners are requested to transit the area with caution and be advised of the newly installed permanent piles. For more details or comments contact Jason Tse at 415-300-5336.

Charts: 18656 18659 18661 LNM: 35/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

GOLDEN GATE BRIDGE-Four 54' temporary under deck platforms; one 525' and one 1375' north of the south tower and one 625' and one 1375' south of the north tower have been installed at the bridge. Temporary platforms reduce vertical clearance at the bridge by no more than 14'. As the work progresses, the two outer platforms will be moved towards the towers and the two inner platforms moved towards the centerline of the bridge. The bridge's maintenance travelers are in use during the project and will remain outboard of the furthest north and furthest south temporary platforms. The temporary platforms and maintenance travelers are lighted at night with all-round red lights (see PlatformLighting_GG_Bridge.pdf at the end of this notice to see the lighting plan and initial locations of the temporary platforms). For navigational safety the maintenance travelers can be moved by contacting the Golden Gate Bridge at 415-923-2220. Work is being conducted Monday through Saturday, 0700-1700 and 2100-0500. For conditions at the bridge, mariners can contact the contractor at 415-716-0384. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 40/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST SPAN)-Temporary platforms will be installed under the bridge deck at piers D and E from 2200, 26 Oct 19 to 0800 on 27 Oct 19, and at piers A and B between 2200, 02 Nov 19 to 0800 on 03 Nov 19. A Westar tug will be utilized to hold into position at each pier a material barge carrying the temporary platforms, which will be lifted into place by cranes from the bridge deck. Once a platform has been lifted and secured under the bridge deck, the tug/barge will move to the next pier location and repeat the process. There will be no effect to the bridge clearances after installation of the platforms. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 42/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

THIRD STREET DRAWBRIDGE-The drawspan will be secured in the closed-to-navigation position for rehabilitation through 27 Mar 20. Scaffolding is installed underneath the length of the drawspan, and will be marked with steady burning red lights at night. A 20' wide navigational opening close to the south bank between piers 4 and 6 will be available for small craft to transit through the bridge. The navigational opening will provide a vertical clearance of 3ft over mean high water, and be marked with steady burning green lights at night (see enclosure 3rdSt_PlatformLighting.pdf at the end of this notice).

C & W Diving Services will conduct rehabilitation of bridge fenders and operator house until 15Dec19, utilizing a 115'x40' flexiboat spudded barge and a 135'x35' material barge, moored on the east side of bridge. For navigational safety, the vessels can be moved with 1-hour notice by calling the contractor at 619-843-7782 or via VHF-FM Chan. 16 or 82A. Both vessels will be marked by steady burning red lights at night. Mariners are requested to transit the area with caution. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 30/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

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

Chart 18649 LNM: 23/15

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Salt River Construction Corporation will conduct dredge operations in Sausalito Yacht Harbor at 37-51-33N 122-28-43W until 30 Nov 19. Tug HAYDEN BAY and a self contained dump barge will monitor VHF-FM Chan. 13, 14 and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 38/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Dutra Construction Company will conduct maintenance dredge operations at Pier 39 Marina east harbor in San Francisco Bay, CA, 24 hours a day 7

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

days a week until 30 Nov 19. Dredged material will be disposed of at SFDODS (San Francisco Deepwater Ocean Disposal Site. Operations will be conducted by DB DUTRA, 03 split hull scows along with tugs ARTHUR BRUSCO and SEA W. All vessels will monitor VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-455-8031.

Chart 18650 LNM: 40/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

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

Chart 18653 LNM: 26/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Dutra Construction Company will conduct dredging operations at Yerba Buena Island, CA at 37-48-39N 122-22-00W, 24 hours a day 7 days a week until 30 Nov 19. Dredged material will be disposed of at SFDODS (San Francisco Deepwater Ocean Disposal Site) and MWRP (Montezuma Wetlands Restoration Project). DB BEAVER and/or DB 24, excavator barge 390, 04 split hull scows, 02 hopper barges along with tug PHYLLIS T will be on scene monitoring VHF-FM Chan 13,14 and 80. Mariners are requested to transit the area with caution. For more details or comments contact Superintendent Dennis Salyers 415-497-5289.

Charts: 18649 18650 LNM: 40/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

The Corp of Engineers will conduct dredge operations in the San Francisco Main Ship Channel until 18 Oct 19. Dredge ESSAYONS will be on scene conducting operations and will dispose of dredged material at OBDS (Ocean Beach Demonstration Site), and SF-8 (San Francisco Bar Channel Disposal Site). Mariners are requested to transit the area with caution and all vessels will monitor VHF-FM Chan. 13 and 16. For more details or comments contact the ESSAYONS Master at 503-709-8459 or 503-804-5546.

Chart 18649 LNM: 40/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

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

Chart 18650 LNM: 18/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGE OPERATIONS

Dutra Construction Company is conducting dredge operations near Amport Benicia Pier at 38-02-30N 122-08-01W until 30 Nov 19. Dredged material will be disposed of at the Montezuma Wetland and SF-09 disposal sites. Clamshell dredges DB BEAVER or DB 24 along with tugs SARAH REED and PHYLLIS T will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18657 LNM: 42/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION

Dutra Construction Company is conducting marine construction in the vicinity of Woodward Island, CA 24 hours a day 7 days a week until 18 Oct 19. Crane Barge CB-1 and various assist tugs will monitor VHF-FM Chan. 09 and 16 or at 707-974-7481. A temporary anchorage will required for operations and will be located at 37-54-48N 121-30-51W and 37-56-24N 121-33-55W. Mariners are requested to transit the area with caution. For more details or comments contact project engineer Jacob Burke at 415-720-7012.

Chart 18661 LNM: 12/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION

Power Engineering Construction Company will conduct marine construction of the Treasure Island Ferry Terminal and north breakwater in San Francisco Bay, CA daily from 0600-1700 until 31 Dec 20. DB PACIFIC and RINGER will be on scene conducting operations and will utilize temporary anchorage locations at the following coordinates:

34-49-05N 122-22-24W
37-49-02N 122-22-22W
37-49-00N 122-22-21W
37-48-58N 122-22-37W
37-48-55N 122-22-32W
37-48-54N 122-22-31W
37-48-53N 122-22-28W

Temporary anchorage locations will be marked with 72" white round buoys with orange stripes and a flash characteristic of Fl W 2s. All vessels will monitor VHF-FM Chan. 14. Mariners are requested to transit the area with caution. For more details or comments contact Wayne Stonecipher at 510-502-1510.

Charts: 18649 18650 LNM: 38/19

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

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

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

Chart 18650 LNM: 16/15

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PETALUMA RIVER

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

Chart 18654 LNM: 41/18

NORTHERN CALIFORNIA-SAN FRANCISCO-AIS IMPROPER TRANSMISSION

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

Chart 18649 LNM: 44/18

NORTHERN CALIFORNIA-SAN FRANCISCO-GEOPHYSICAL SURVEY

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

Chart 18650 LNM: 19/19

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

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

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

NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGE

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

Chart 18649 LNM: 37/18

NORTHERN CALIFORNIA-SAN MATEO BRIDGE-MARINE CONSTRUCTION

DRS Marine, Inc. is contracted with Alpha Pacific Engineering & Contracting to make repairs on the PG&E footings of the powerline towers along the Pittsburg-San Mateo Bridge. The work area will begin on the first powerline tower at the east end of the bridge at 37-36-58N 122-09-22W, 0700-1700 daily until 31 Oct 19. A supply barge marked with fixed white lights on each corner of the barge will be on scene during operations. For more details or comments contact Richard Williams at 707-648-3483.

Charts: 18651 18680 LNM: 30/19

NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMARINE CABLE

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

Charts: 18654 18655 LNM: 38/17

NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMERGED OBSTRUCTION

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

Charts: 18654 18655 LNM: 47/17

NORTHERN CALIFORNIA-SANTA CRUZ-HAZARDOUS CONDITIONS

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

Chart 18685 LNM: 46/17

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

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

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

36-47-53N 121-58-34W
36-38-53N 121-54-30W
34-02-38N 121-54-30W
34-05-08N 120-31-24W
33-50-56N 120-07-06W
34-01-06N 119-19-00W
36-22-13N 122-18-53W
Mariners are requested to transit the area with caution. For more details or comments contact Keith Wycoff at 831-656-2567.

Charts: 18685 18700 18720 LNM: 48/18

NORTHERN CALIFORNIA-SUISUN BAY-DREDGE OPERATIONS

R.E. Staite Engineering Inc. will conduct maintenance dredge operations in Suisun Bay, CA 24hrs per day 7 days a week until 30 Nov 19. Dredge operations will be performed by DB PT. LOMA and DB 24 at the following coordinates:
38-02-32N 122-07-07W
38-03-49N 122-00-59W
38-02-46N 121-53-56W
38-01-33N 121-49-27W
All vessels will monitor VHF-FM Chan. 14, 16 and 78. Dredged material will be disposed of at the Montezuma upland site and mariners are requested to transit the area with caution. For more details or comments contact Jeff Casey at 415-559-5452 or 619-233-0178.

Charts: 18657 18658 LNM: 39/19

NORTHERN CALIFORNIA-SUISUN BAY-PEYTONIA SLOUGH-BRIDGE

UPRR RAILROAD BRIDGES AT PEYTONIA SLOUGH-Mile 1.8 and at a nearby unnamed slough at position 38-12-59N 122-03-21W. UPRR will be conducting bridge deck replacements, using heavy construction equipment at these two bridge sites, during the nighttime from 19-26 Oct 19. Mariners are requested to transit the area with caution. For more details, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18656 LNM: 41/19

NORTHERN CALIFORNIA-SUISUN MARSH-BOAT LOCKS

The California Department of Water Resources have installed flashboards across the maintenance channel at the Suisun Marsh Salinity Control Structure, located 2.2 nautical miles from the easterly end of Montezuma Slough at 38-05-36N 121-53-07W. The boat lock will operate daily from 0700-1700 until 31 May 20. Signs and lights are currently posted to warn vessels to avoid the use of the maintenance channel on the east side of the facility. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. VHF-FM Chan. 13 will be monitored during hours of operation. The boat lock is located on the east side of the channel and provides the following clearances: 16 feet horizontally; 9' over the sill at MLLW; 70' in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights. Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50' out from the existing levee. Marker buoys have been placed to identify the area. Mariners are requested to transit the area with caution and be advised that the Salinity Control Structure operations can at times create currents at the site greater than currents in other areas of Montezuma Slough. For more details or comments contact Reza Shahcheraghi at 916-574-2299.

Chart 18656 LNM: 39/19

SOUTHERN CALIFORNA-SAN PEDRO CHANNEL–BOEING XL USV OPERATIONS

Boeing is conducting sea trials for an extra-large unmanned under sea vehicle (USV) called ECHO VOYAGER in the vicinity of the San Pedro Channel and Northeast of Santa Catalina Island until 31 Oct 19 in the areas bound by the following coordinates:
OPAREA 1:
33-42-25N 118-19-55W
33-39-43N 118-21-36W
33-41-13N 118-24-37W
33-43-48N 118-22-48W
OPAREA 3:
33-26-33N 118-26-55W
33-25-33N 118-23-59W
33-25-35N 118-21-19W
33-29-14N 118-18-35W
33-31-34N 118-23-31W
33-28-10N 118-26-55W
M/V AMERICAN ISLANDER and Range Boat SB2 will be on scene and monitoring VHF-FM Chan. 16. Mariners are requested to keep 500 yds distance from the USV and M/V AMERICAN ISLANDER. Mariners are requested to transit the area with caution. For more details or comments contact the project manager Ross Peterson at 714-262-1580.

Chart 18022 LNM: 21/19

SOUTHERN CALIFORNIA CALIFORNIA-ANAHEIM BAY-POTENTIAL OBSTRUCTION TO NAVIGATION

There is a potential obstruction to navigation in Anaheim Bay, CA at 33-44-00N 118-05-34W. The obstruction is a destroyed structure with a pile exposed 3' above the waterline. It is marked with a green buoy displaying a Fl G Q light characteristic. Mariners are requested to transit the area with caution. For more details or comments contact BM1 Alex Eckhoff at 310-521-3892.

Chart 18749 LNM: 41/19

SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT

Marine BioEnergy Inc. have deployed temporary buoys near Catalina Island and they will remain on scene until 31 Dec 19. These will be 7' yellow buoys with Fl Y 4s light characteristic, deployed in the following coordinates:
33-28-13N 118-29-33W
33-30-58N 118-32-25W
33-30-38N 118-30-56W
Mariners are urged to transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. For more details or comments contact Cindy Wilcox at 818-653-9017 or 818-952-6018.

Charts: 18746 18757 LNM: 02/19

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

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

Charts: 18720 18740 18756 LNM: 24/19

SOUTHERN CALIFORNIA-ENCINITAS-DREDGE OPERATIONS

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

Chart 18774 LNM: 02/18

SOUTHERN CALIFORNIA-ESTERO BAY-UNDERWATER OPERATIONS

Longitude 123, Inc. will conduct underwater operations in Estero Bay, CA in the vicinity of position 35-24-40N 120-53-25W, Monday-Saturday 24 hours a day until 30 Nov 19. During operations 04 white temporary steel buoy moorings with a blue stripe and FL W light characteristic will be utilized at the following coordinates:
35-24-32N 120-53-19W
35-24-48N 120-53-27W
35-24-55N 120-53-07W
35-24-40N 120-52-56W
M/V DANNY C and D/B VENTURA will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and maintain a safe distance 500'. For more details or comments contact Dan Holmes 805-256-4833.

Charts: 18022 18700 18703 LNM: 36/19

SOUTHERN CALIFORNIA-ESTERO BLUFFS STATE PARK-SUBMERGED ANCHOR CABLE

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

Chart 18703 LNM: 43/17

SOUTHERN CALIFORNIA-GULF OF SANTA CATALINA-OCEANOGRAPHIC OPERATIONS

Scripps Institution of Oceanography research vessel ROBERT GORDON (Call sign WSQ-2674) will conduct oceanographic operations from 0800-2000 on 26 Oct 19. Operations will be conducted within 02-05 nm of the following coordinates:
32-39-24N 117-19-30W
32-40-06N 117-24-36W
32-35-54N 117-29-36W
R/V ROBERT GORDON SPROUL will be restricted in her ability to maneuver during operations and will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18765 LNM: 42/19

SOUTHERN CALIFORNIA-GULF OF SANTA CATALINA-OCEANOGRAPHIC OPERATIONS

Scripps Institution of Oceanography research vessel ROBERT GORDON (Call sign WSQ-2674) will conduct oceanographic operations from 0600-2000 on 19 Oct 19. Operations will be conducted within 02 nm of the following coordinates:
32-42-00N 117-22-30W
32-43-54N 117-26-18W
R/V ROBERT GORDON SPROUL will be restricted in her ability to maneuver during operations and will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18765 LNM: 41/19

SOUTHERN CALIFORNIA-IMPERIAL BEACH-WAVERIDER BUOY

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

Chart 18765 LNM: 35/18

SOUTHERN CALIFORNIA-LONG BEACH MIDDLE HARBOR-MARINE CONSTRUCTION

SOUTHERN CALIFORNIA-LONG BEACH MIDDLE HARBOR-MARINE CONSTRUCTION

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

Chart 18751 LNM: 24/19

SOUTHERN CALIFORNIA-LONG BEACH OUTER HARBOR-OBSTRUCTION TO NAVIGATION

There is a sunken 46' sail vessel at approximate position: 33-43-10N 118-08-14W,north of Long Beach Commercial Anchorage F, in approximately 52' water. Depth of water, to the mast, at MLLW is 32.5'. Mariners are requested to transit the area with caution. For more details or comments contact D11 Waterways Management at 510-437-2980.

Charts: 18746 18749 18751 LNM: 44/18

SOUTHERN CALIFORNIA-LOS ANGELES-BUOY DEPLOYMENT

The Sanitation Districts of Los Angeles County have deployed two moorings located on the Palos Verdes Shelf at 33-46-04N 118-25-59W and 33-42-43N 118-20-01W until 01 Nov 19. The moorings have a surface buoy system that consists of a 6' spar approximately 2" in diameter with wraps of SOLAS reflective marine tape and a fluorescent orange radar reflector mounted at the top. Mariners are requested to transit the area with caution. For more details or comments contact Brent Haggin at 562-908-4288 Ext. 5672.

Chart 18746 LNM: 32/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION

Marine construction is being conducted at Vopak Berths 186-191 at 33-45-53N 118-15-09W in Los Angeles, CA until January 2020. A work boat and floating platforms will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Stephen Comley at 310-221-5957.

Chart 18751 LNM: 42/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION

Tetra Tech Inc. will conduct marine construction in Alamitos Bay, CA at 33-45-09N 118-07-27W, Monday thru Friday 0700-1600 until 01 Sep 20. Crane barge MEEK will conduct operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Steven Arteaga at 909-762-2243.

Chart 18749 LNM: 39/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT

Long Beach Yacht Club will sponsor the Campbell Cup sailboat race 1.5nm south of Seal Beach in Long Beach, CA from 1030-1730 on 19-20 Oct 19. This race will involve 16 participants racing in 40'-70' sailing vessels in length. Mariners are requested to transit the area with caution. For more details or comments contact John Busch at 562-598-9401 or VHF-FM Chan. 68.

Chart 18746 LNM: 39/19

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT

King Harbor Yacht Club will sponsor the His 'N hers Series #2 offshore King Harbor, CA from 1200-1900 on 20 Oct 19. This race will involve 20 participants racing in 20'-40' sailing vessels in length. Mariners are requested to transit the area with caution. For more details or comments contact Richard Reinhardt at 310-488-7129.

Charts: 18740 18744 LNM: 39/19

SOUTHERN CALIFORNIA-LOS ANGELES-SURVEY OPERATIONS

Vantuna Research Group will conduct sonar survey operations on the Palos Verdes Peninsula, Los Angeles, CA at 33-43-12N 118-20-42W until 13 Dec 19 during daylight hours. M/V NEOCLINUS will be conducting all operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Matt Robart at 541-231-9392.

Chart 18746 LNM: 37/19

SOUTHERN CALIFORNIA-MARINA DEL REY-MARINE CONSTRUCTION

Bellingham Marine Industries will conduct marine construction within Basin G, at the Marina del Rey Marina at 33-58-45N 118-26-43W until 15 Mar 20. Crane barges JOHN C and STEPHAN J will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Hal Brunette at 916-642-9878.

Chart 18744 LNM: 32/19

SOUTHERN CALIFORNIA-OFFSHORE MORRO BAY-CABLE RECOVERY OPERATIONS

Mertech Marine is conducting cable recovery operations offshore Morro Bay, CA until 12 Nov 19. Cable recovery operations will be conducted within the following coordinates:

A.
35-28-20N 122-06-30W
35-26-17N 121-32-16W
35-20-49N 120-51-57W
35-17-46N 120-53-21W
35-16-38N 121-54-38W

B.
35-22-27N 121-01-19W
35-22-16N 120-59-57W

SOUTHERN CALIFORNIA-OFFSHORE MORRO BAY-CABLE RECOVERY OPERATIONS

35-19-53N 121-00-29W
35-19-53N 121-01-30W
C.
35-19-46N 120-53-31W
35-19-10N 120-52-27W
35-17-46N 120-53-21W
35-18-22N 120-53-52W

Cable ship LAYLA along with support vessels BOLD HORIZON, JAB, SURVEYOR, and BALANA will be restricted in their ability to maneuver during operations and will monitor VHF-FM Chan. 6 and 16. Mariners are requested to transit the area with caution and maintain a minimum safe distance of 0.5 nm. For more details or comments contact Daan Vermeulen at 316-2916-3561.

Charts: 18700 18703 LNM: 33/19

SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY

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

Chart 18700 LNM: 41/18

SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY

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

Charts: 18700 18720 18721 LNM: 41/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

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

Charts: 18720 18725 LNM: 26/18

SOUTHERN CALIFORNIA-PORT HUENEME-MARINE CONSTRUCTION

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

Charts: 18724 18725 LNM: 11/19

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

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

Chart 18749 LNM: 33/19

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

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

GERALD DESMOND BRIDGE REPLACEMENT PROJECT-Main span construction the navigation channel continues. Before transiting the bridge construction site, all vessels should contact on-scene flag vessels on VHF-FM CH 13 and 79 to determine safe passage through the site. Mariners can also contact the SFI Water Traffic Coordinator at 310-809-0162 or 702-215-9740 for passing guidance. For conditions at the construction site mariners can contact the SFI Water Traffic Field Coordinator at 424-230-9925. See GDB_Channel_Safety_Flyer.pdf in the enclosure section of the notice for Safety Boat Contact Information. For more details view the website, www.NewGDBridge.com/Waterway, or contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 33/19

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

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

Chart 18762 LNM: 41/16

SOUTHERN CALIFORNIA-SAN CLEMENTE-GEOPHYSICAL SURVEY

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

Chart 18774 LNM: 25/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE

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

Charts: 18772 18773 LNM: 20/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-DREDGE OPERATIONS

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

Charts: 18772 18773 LNM: 13/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

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

Chart 18773 LNM: 19/19

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

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

Chart 18773 LNM: 15/19

SOUTHERN CALIFORNIA-SAN DIEGO COUNTY-GEOGRAPHICAL SURVEY

Merkel & Associates will be conducting nearshore geographical survey operations along the shoreline between Encinitas and Del Mar, CA until 15 Nov 19. The operations will be conducted from a 22' weldcraft surveying vessel. The surveying vessel will have limited mobility and will conduct parallel courses along the shoreline at speeds between 2 to 6 knots and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Keith Merkel at 858-560-5465.

Chart 18740 LNM: 35/19

SOUTHERN CALIFORNIA-SAN DIEGO MISSION BAY-OBSTRUCTION TO NAVIGATION

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

Chart 18765 LNM: 50/18

SOUTHERN CALIFORNIA-SAN DIEGO RIVER-BRIDGE

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

Chart 18765 LNM: 34/19

SOUTHERN CALIFORNIA-SAN DIEGO-MARINE CONSTRUCTION

The City of San Diego is conducting land based marine construction at the Cooks Crack Sea Cave in La Jolla, CA at 32-51-00N 117-16-15W until October 2019. Mariners are requested to transit the area with caution. For more details or comments contact Mike Rissi at 760-419-3183 or Jong Choi at 619-5493.

Charts: 18765 18774 LNM: 36/19

SOUTHERN CALIFORNIA-SAN DIEGO-OBSTRUCTION TO NAVIGATION

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

Charts: 18765 18772 18773 LNM: 18/17

SOUTHERN CALIFORNIA-SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

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

32-31-55N 117-11-11W
32-32-11N 117-11-58W
32-32-04N 117-12-07W
32-32-33N 117-11-56W

32-40-10N 117-19-23W
32-40-05N 117-19-34W
32-39-37N 117-19-32W
32-39-57N 117-19-39W
32-40-11N 117-16-56W

The M/V OCEANUS and M/V MONITOR III when in the area will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Mike Kelly at 619-758-2342.

Charts: 18765 18772 LNM: 22/17

SOUTHERN CALIFORNIA-SANTA BARBARA-ROV OPERATIONS

Aqueos Corporation will be conducting underwater pipeline inspection off of Platform Gail to the shoreline in Santa Barbara, CA from 18-31 Oct 19. Operations will include ROV pipeline inspections conducted on a 24 hour per day basis. M/V CLEAN OCEAN will monitor VHF-FM Chan. 16. For more details or comments contact Jason Smith at 805-676-4330 or 805-205-3156.

Charts: 18720 18721 LNM: 42/19

SOUTHERN CALIFORNIA-SANTA BARBARA-SAN DIEGO-OCEANOGRAPHIC OPERATIONS

M/V OCEANUS will conduct oceanographic operations offshore between Del Mar, CA and Point Conception, CA from 1000 04 Nov 19 until 1600 19 Nov 19. M/V OCEANUS will be restricted in her ability to maneuver and will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Angela Klemmedson at 541-867-0225.

Charts: 501 18020 18022 18720 18740 LNM: 39/19

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-AID DISCREPANCY

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

Chart 18757 LNM: 50/18

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-FISHING OPERATIONS

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

Chart 18720 LNM: 22/19

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-FISHING OPERATIONS

Ventura County Commercial Fisherman's Association member fishing vessels are conducting fishing operations in the vicinity of 33-35-13N 120-16-04W and 33-08-30N 119-52-03W from 17 Oct 19 until 15 Jan 20. Fishing gear will be marked by colored floats up to 30 inches in diameter and high flyer pole with radar reflector and light. Mariners are requested to use caution when transiting the area. Vessels may be contacted on VHF-FM Chan. 11 or 16. For more details or comments contact Tim Athens at 805-448-4455.

Chart 18720 LNM: 41/19

SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-MARINE CONSTRUCTION

Connolly Pacific is conducting marine construction and rock loading operations at Empire landing Quarry on Santa Catalina Island, CA during daylight hours until 31 Oct 19. Two offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Chart 18757 LNM: 27/19

SOUTHERN CALIFORNIA-SANTA MONICA-CABLE LAYING OPERATIONS

SubCom LLC. Will conduct cable laying operations offshore Hermosa Beach, CA between 33-48-46N 118-41-18W and 33-49-47N 118-39-35W from 19 Oct 19 until 06 Nov 19. Cable ship RECORDER will be on scene monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Sydney Sheridan at 1-732-578-7244.

Charts: 18720 18740

LNM: 28/19

SOUTHERN CALIFORNIA-VENTURA HARBOR-MARINE CONSTRUCTION

Associated Pacific Constructors Inc. will conduct marine construction in Ventura Harbor, CA at 34-14-48N 119-15-50W, Monday thru Friday 0700-1700 until 29 Nov 19. Crane barge D/B NEWPORT along with tug BALANA will be on scene monitoring VHF-FM Chan. 10, 16 and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Associated Pacific Constructors Inc. at 805-234-5055.

Chart 18725

LNM: 39/19

SUISUN BAY - ROE ISLAND RANGE FRONT/REAR

The U.S. Coast Guard is proposing to upgrade the lighting system on Roe Island Channel Range front and rear. The result will increase the distance the range is able to be seen from 9 NM to 13 NM.

The U.S. Coast Guard is seeking public comment on this permanent change. Please direct questions, comments, or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18656 18658

LNM: 35/19

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

Delay_Report_11-2017.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

NORTHERN CALIFORNIA-SOUTHERN CALIFORNIA-REDUCE WHALE STRIKES

Reduce Whale Ship Strike.pdf

See enclosure above.

LNM: 41/19

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

Trestle_Falsework_Lighting_Heim.pdf

See link above temporary trestle and falsework lighting.

LNM: 28/19

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

GDB_Channel_Safety_Flyer.pdf

See link above for safety flyer for vessels during Gerald Desmond Bridge Replacement over-the-channel work.

LNM: 29/19

SAN CLEMENTE ISLAND-SAFETY ZONES

MSSB 02-16 SCI Safety Zone.pdf

See link above.

LNM: 41/16

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

V_Thomas_Platform_Lighting1.pdf

See link above for platform lighting for Vincent Thomas Bridge.

LNM: 28/19

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

PlatformLighting_GG_Bridge.pdf

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 10 Sep 19.

LNM: 37/19

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

WoodwardConstruction_Lighting.pdf

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

LNM: 27/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-AIR DRAFT AWARENESS

Air draft marine safety bulletin.pdf

See link above.

LNM: 40/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

BonAirRd_Trestle.pdf

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

LNM: 29/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

3rdSt_PlatformLighting.pdf

See enclosure above.

LNM: 39/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RioWest_Platform_Lighting.pdf

See enclosure above.

LNM: 07/19

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

VSRMap2019_SF.pdf

See enclosure above.

LNM: 17/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Pioneer_Barge_Mooring.pdf

See enclosure above for the Pioneer Bridge Barge Mooring Diagram.

LNM: 21/19

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

VSRMap2019_SC.pdf

See enclosure above.

LNM: 19/19

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Tower_Fender_Barge_Lighting.pdf

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

LNM: 27/19

RV_Temp_Platform_Lighting.pdf

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

LNM: 23/19

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

THOMPSON.BRETT.J.1186968197 Digitally signed by THOMPSON.BRETT.J.1186968197 Date: 2019.10.17 08:23:56 -07'00'

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

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

BRIDGE NAME: _____ DATE: _____

MILE :_____WATERWAY: _____

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

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

Signature _____

Telephone _____

Mariners may complete and return to:

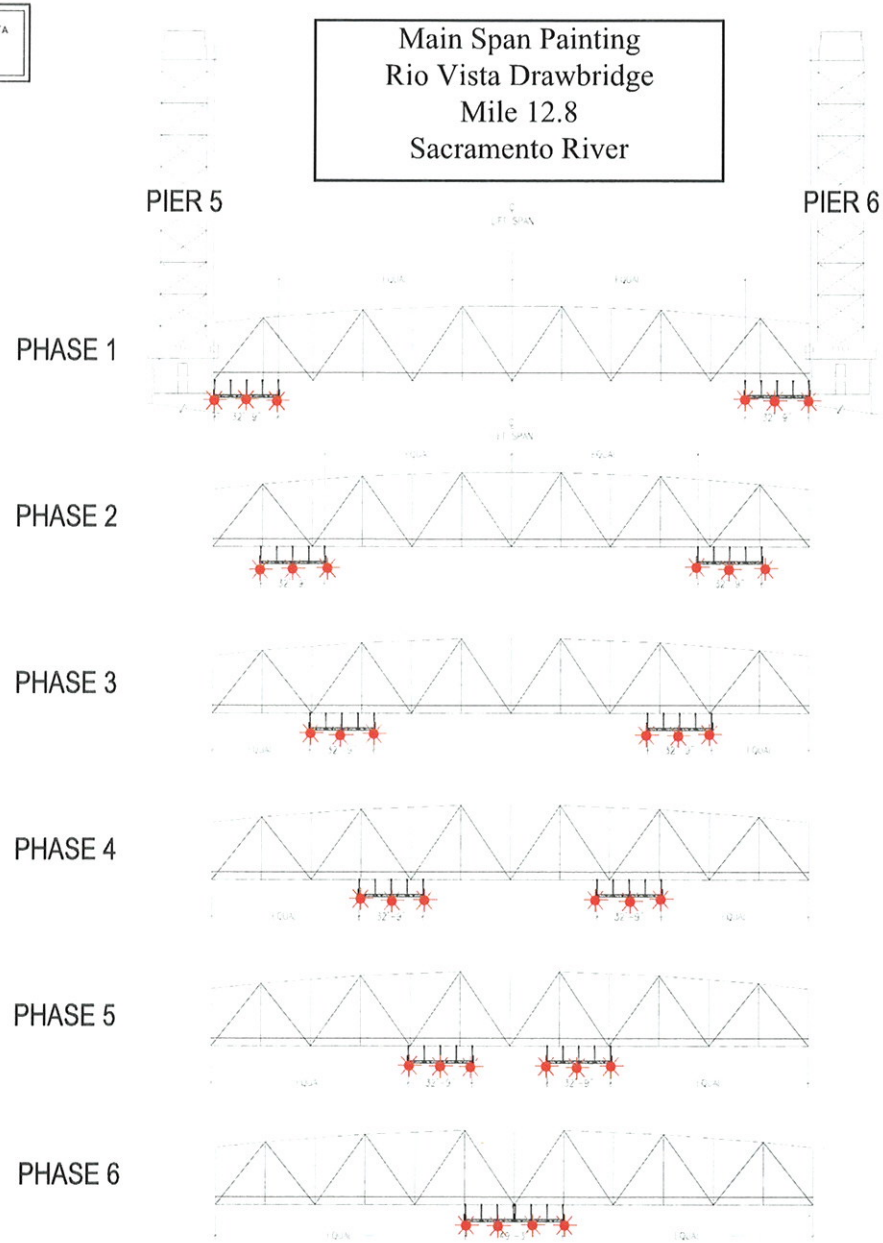
Commander (dpw) Fax: (510) 437-5836 Email: Carl.T.Hausner@uscg.mil
Eleventh Coast Guard District
Coast Guard Island, Building 50-2
Alameda, CA 94501-5100
Attn: Bridge Office

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

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

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

Main Span Painting
Rio Vista Drawbridge
Mile 12.8
Sacramento River



BALANCING TABLE

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

REVISIONS	
NO.	DATE
1	5-15-18

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

CERTIFIED COATINGS CO.
2320 CORDELIA ROAD
FAIRFIELD, CA 94518
PHONE (925) 686-1550
FAX (925) 671-7036

DHC
DH CHARLES ENGINEERING INC
135 Liverpool Drive, Suite C
Cardiff, CA 92007
(760) 436-9756 www.charlesengineering.com

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

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

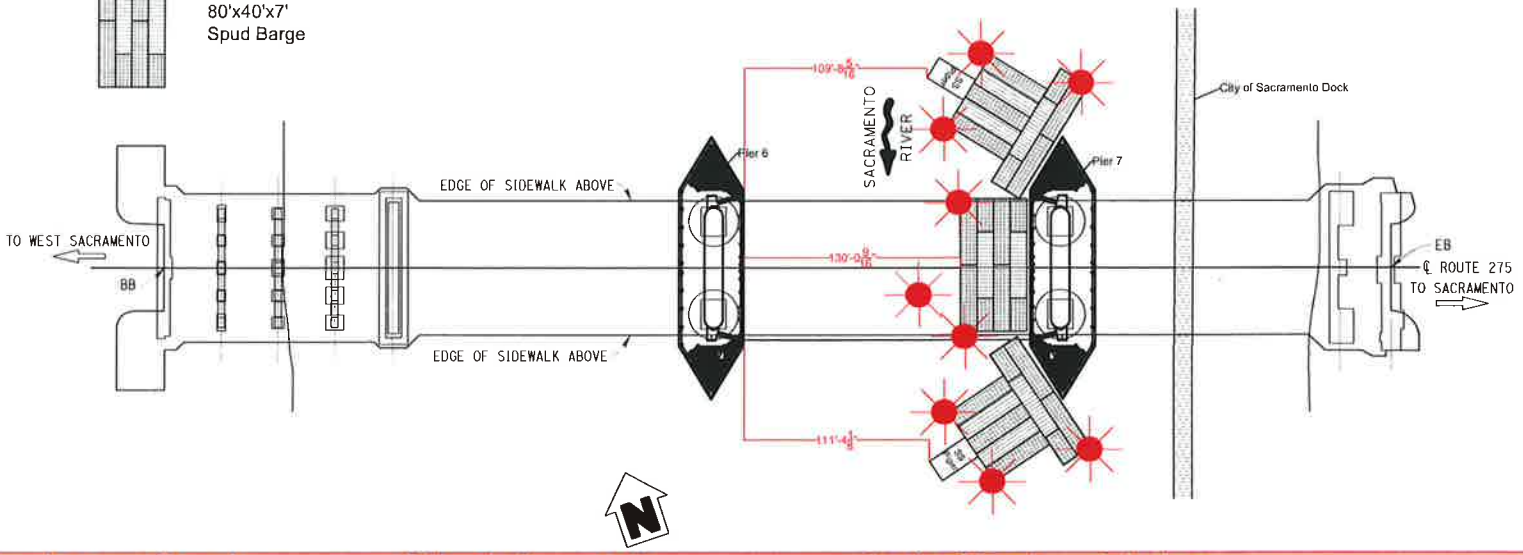
SS Piper
Tug Boat

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

80'x40'x7'
Spud Barge

Spud Barge and Euipment Locations

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



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

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

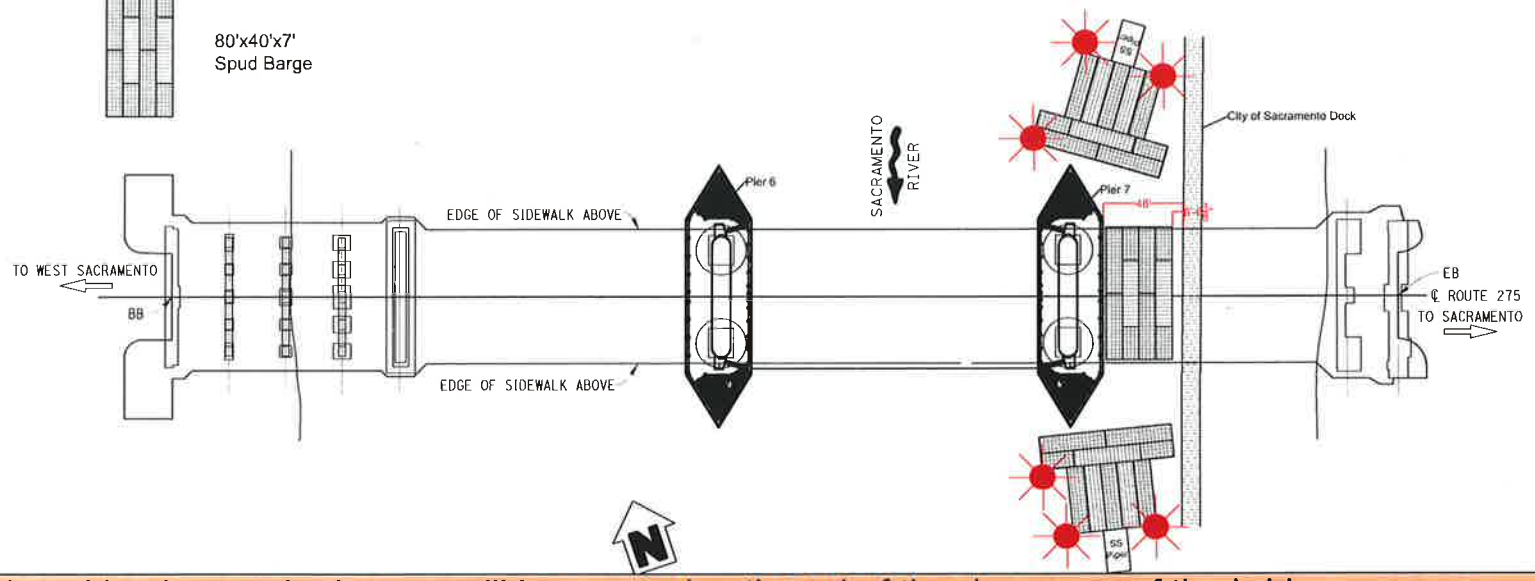
SS Piper
Tug Boat

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

80'x40'x7'
Spud Barge

Spud Barge and Euipment Locations

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



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

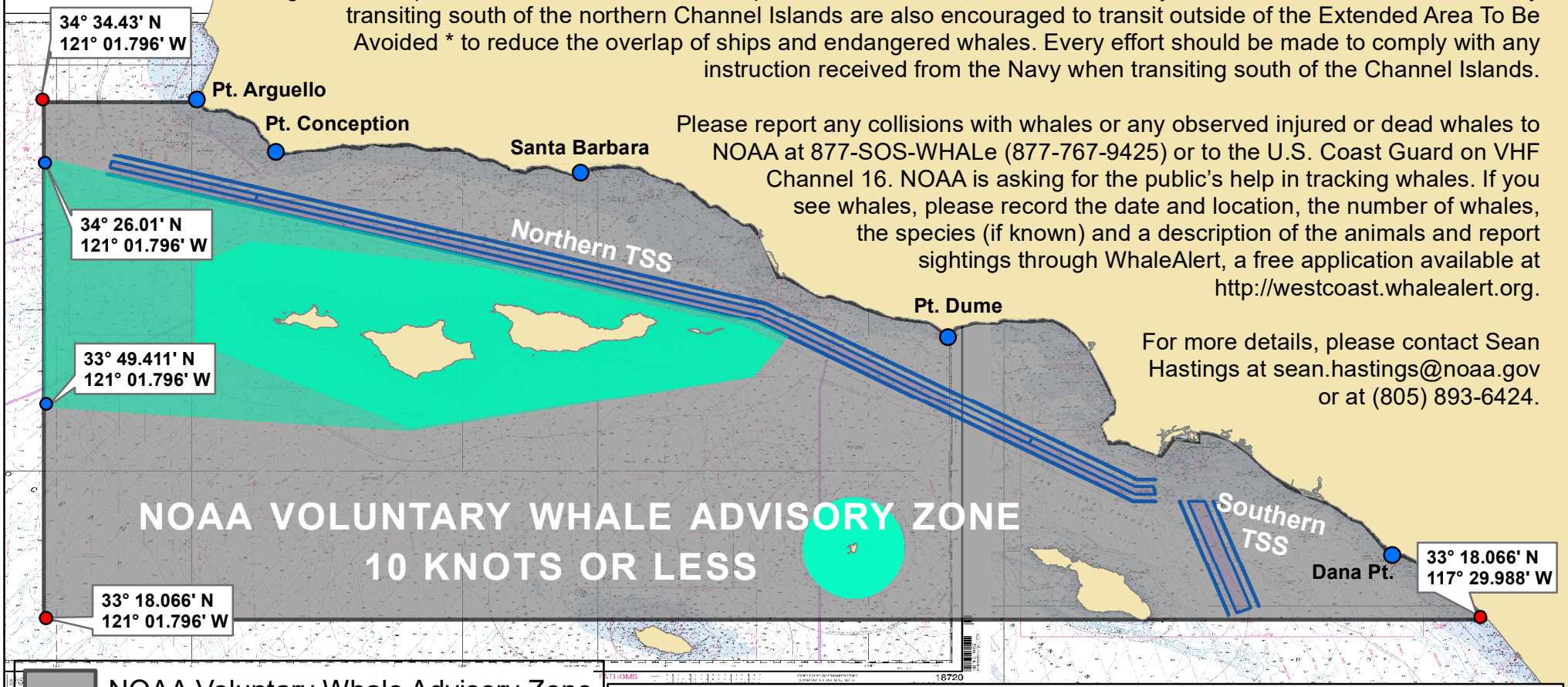
VOLUNTARY WHALE ADVISORY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

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

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

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

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



NOAA Voluntary Whale Advisory Zone

Extended Area To Be Avoided (ATBA)

Existing Areas To Be Avoided (ATBA)

Traffic Separation Scheme (TSS)

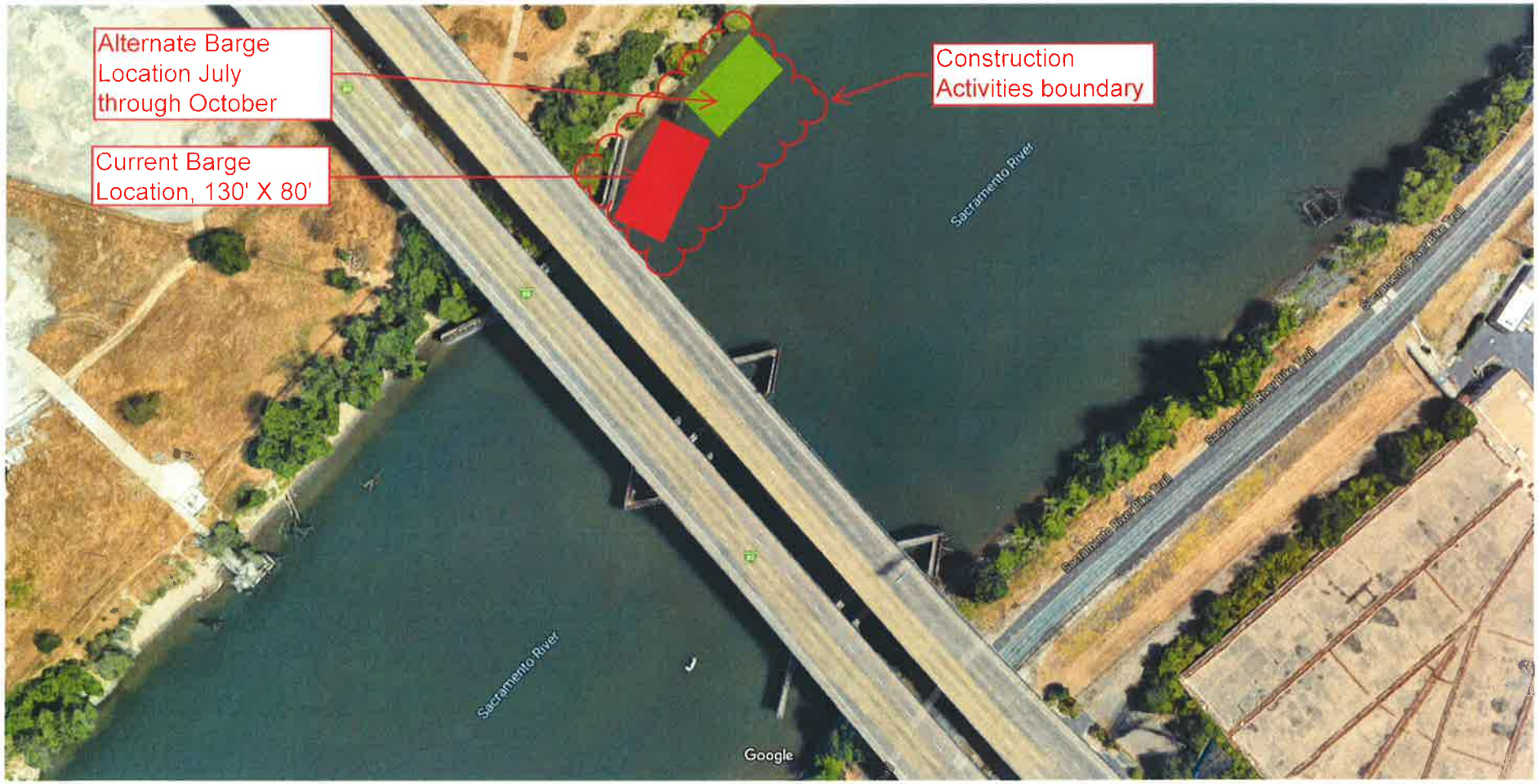
* NOTE: Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved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

NOAA Charts 18720 and 18740

Chart not for navigational purposes.

19 JUNE 2019

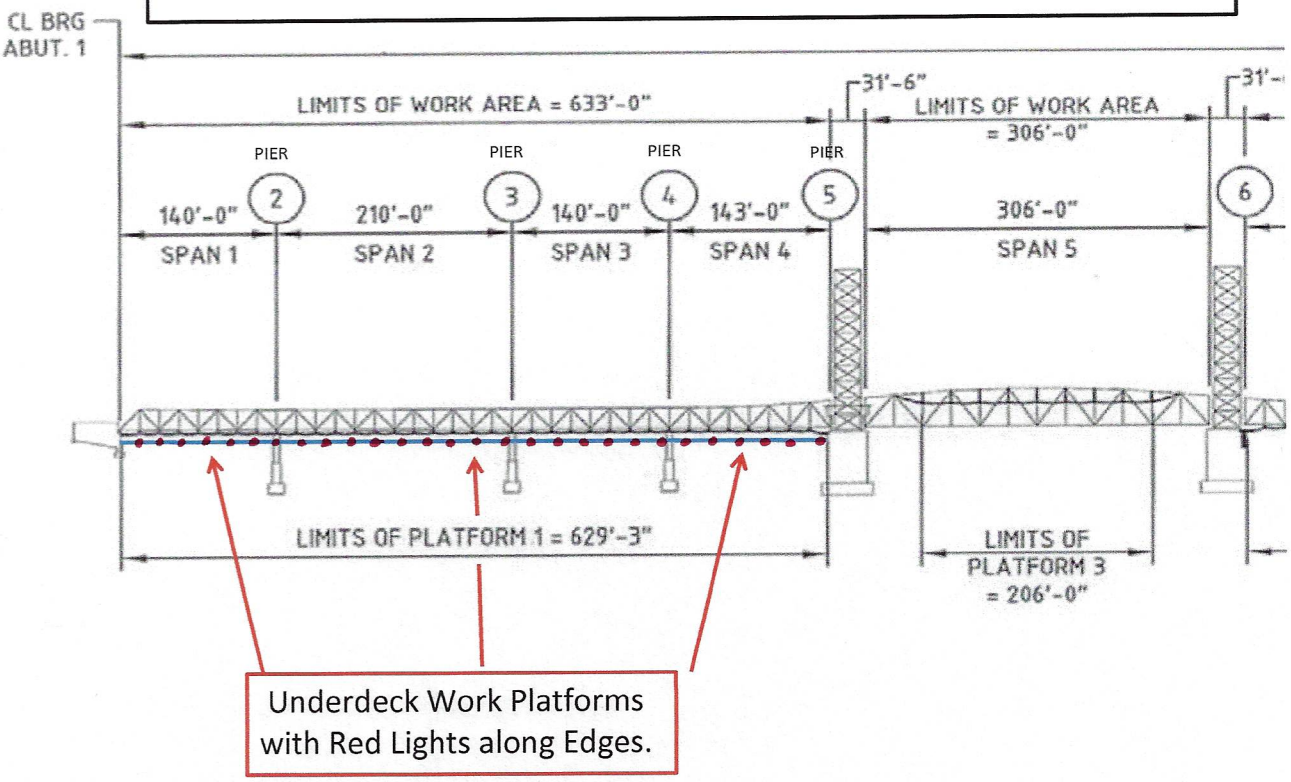
Temporary Barge Mooring
Pioneer Bridge, mile 58.2, Sacramento River



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

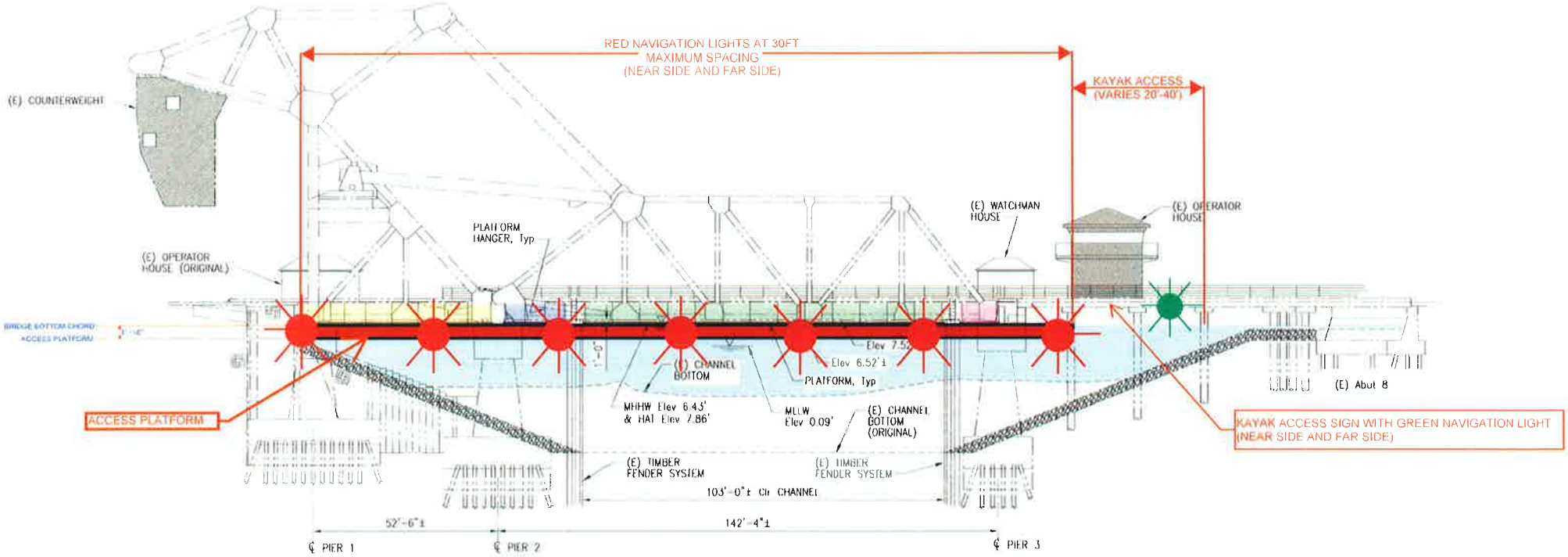
Cleaning and Repainting Project
Rio Vista Drawbridge
Mile 12.8
Sacramento River

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



Span 1 thru Span 4

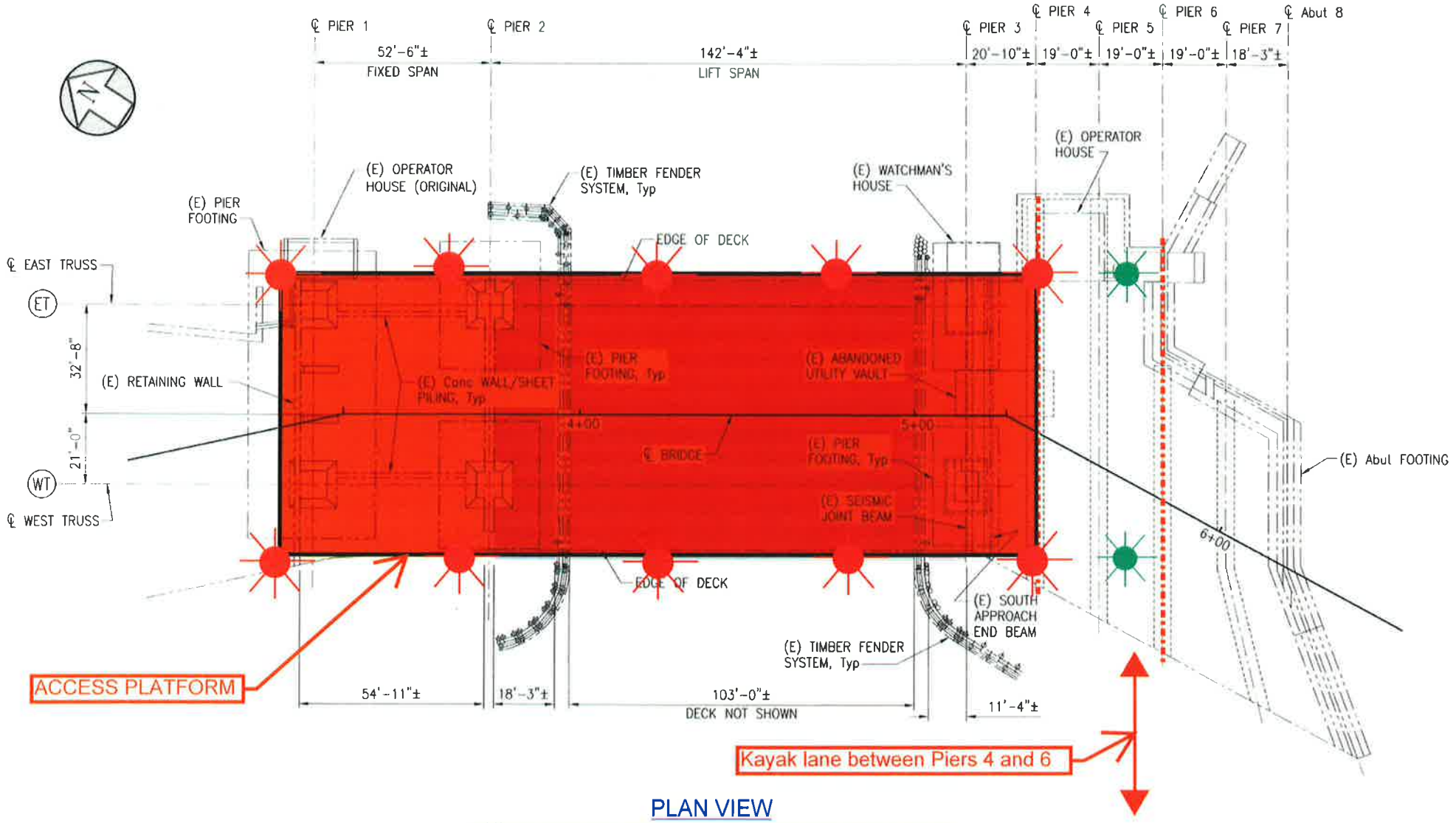
Under Deck Work



ELEVATION VIEW
THIRD STREET BRIDGE WITH ACCESS PLATFORM

3rd St Drawbridge Rehabilitation
Platform Lighting Plan and Alternate Channel

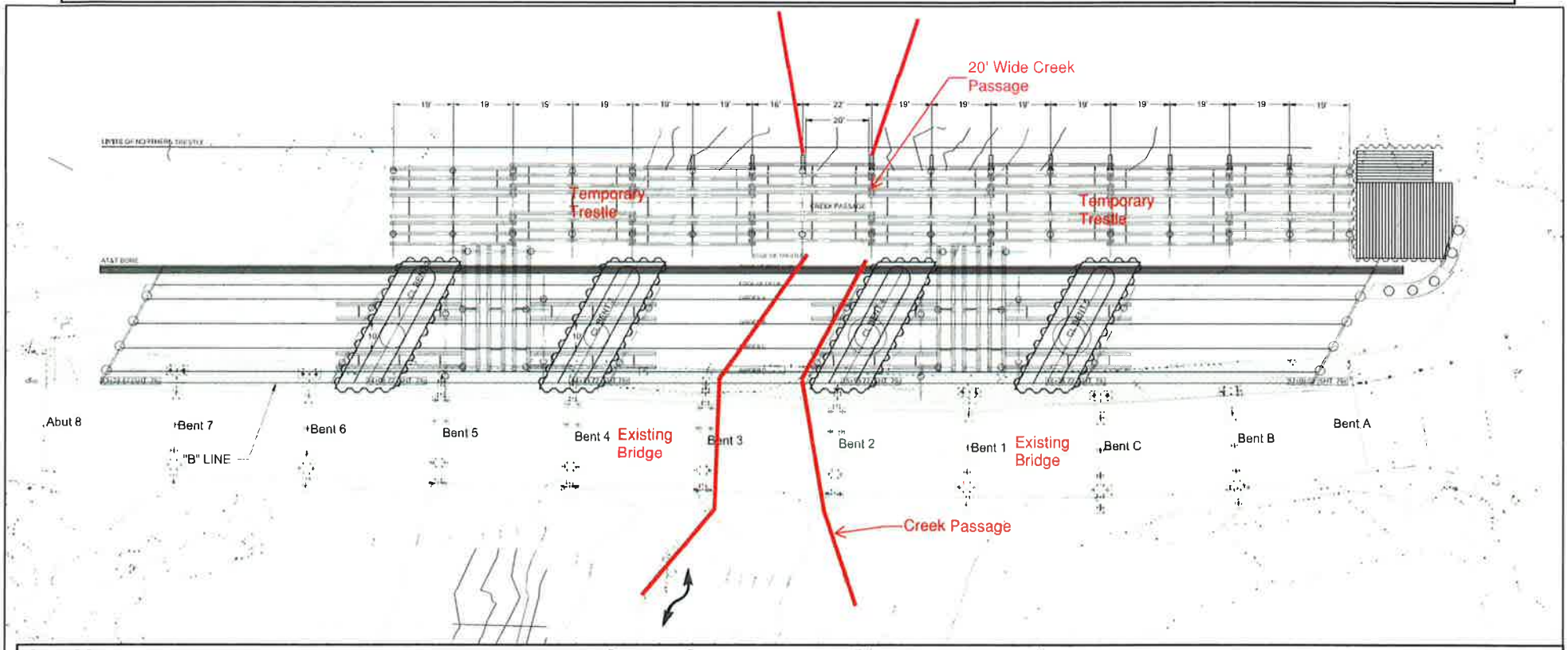
Platforms installed below low steel of the bridge reduces vertical clearance by 1.5 feet. The upstream and downstream lower edges of the platform is lighted at night with steady burning all-round red lights. An alternate channel south of the operators house, marked upstream and downstream with a all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



PLAN VIEW

THIRD STREET BRIDGE WITH ACCESS PLATFORM

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



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

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

September 24, 2018

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

Air Draft Situational Awareness

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

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

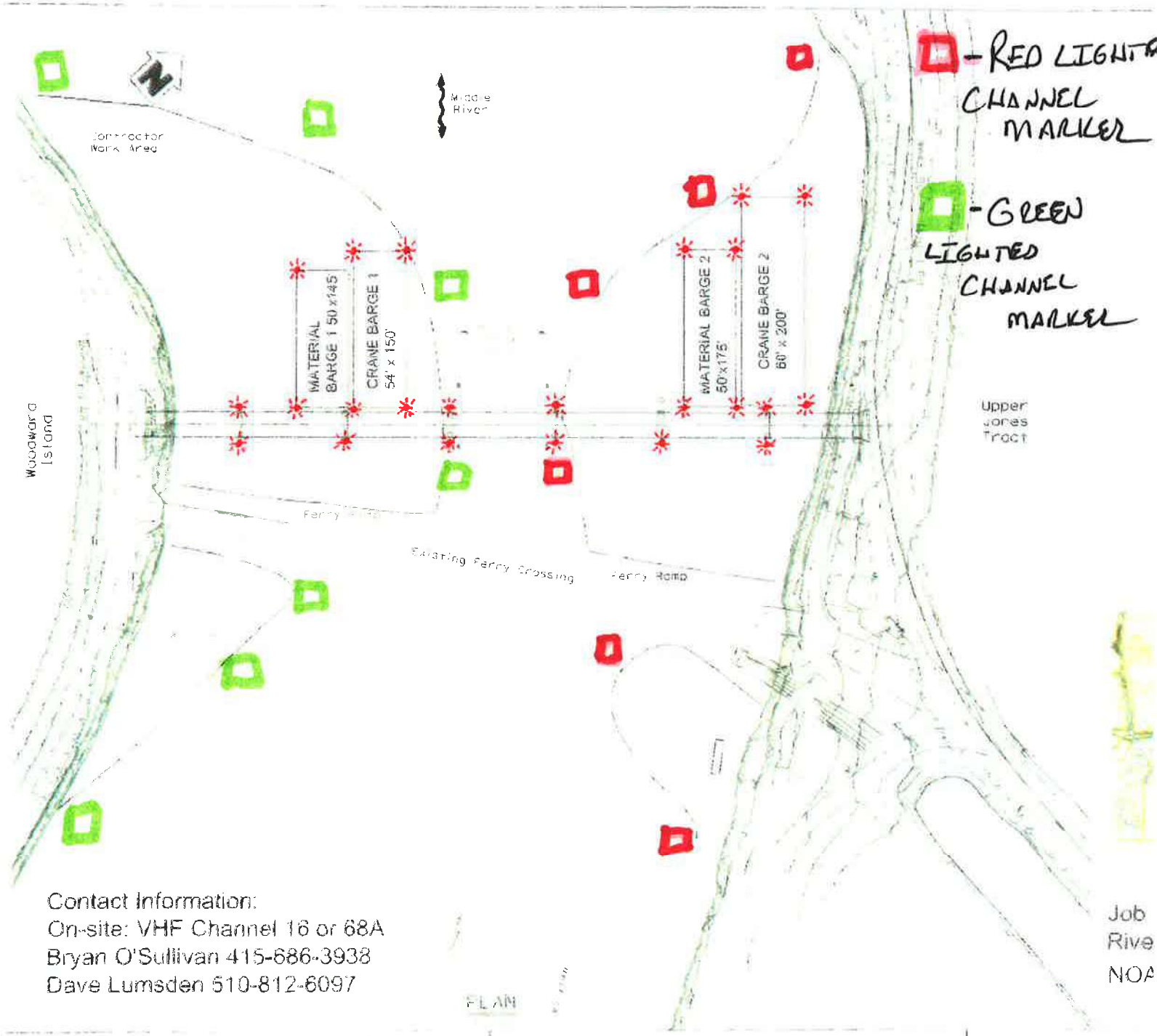
U.S. Coast Guard Sector San Francisco recommends that all vessel operators remain cognizant of their air draft at all times. More precisely, the calculation from both the vessel's highest fixed point and highest movable point to safely clear all overhead obstructions encountered while maneuvering in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

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

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

Sincerely

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



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

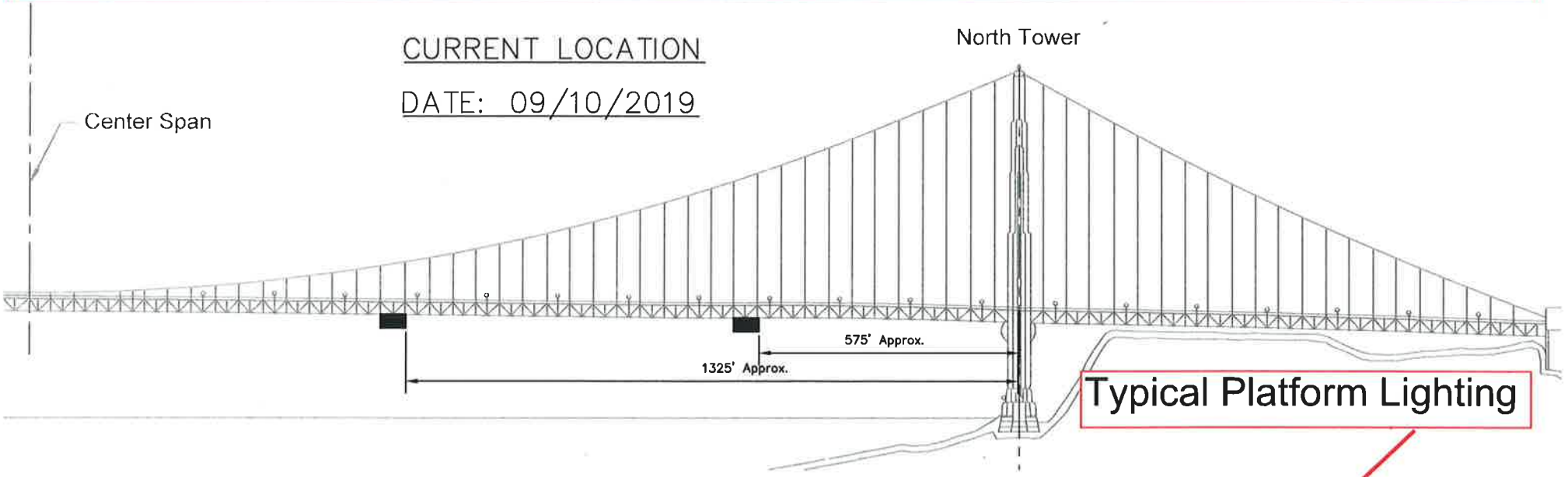
Woodward Island Bridge Project

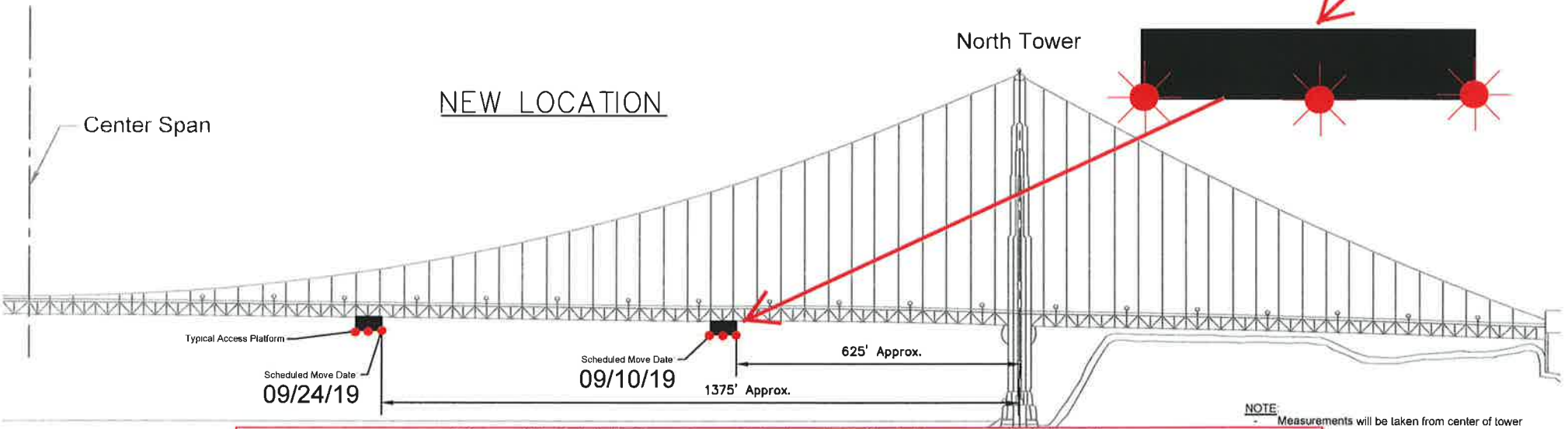
Normal Cha

USCG NAVIGATIONAL LIGHTING PLAN

ENCLOSURE (1)

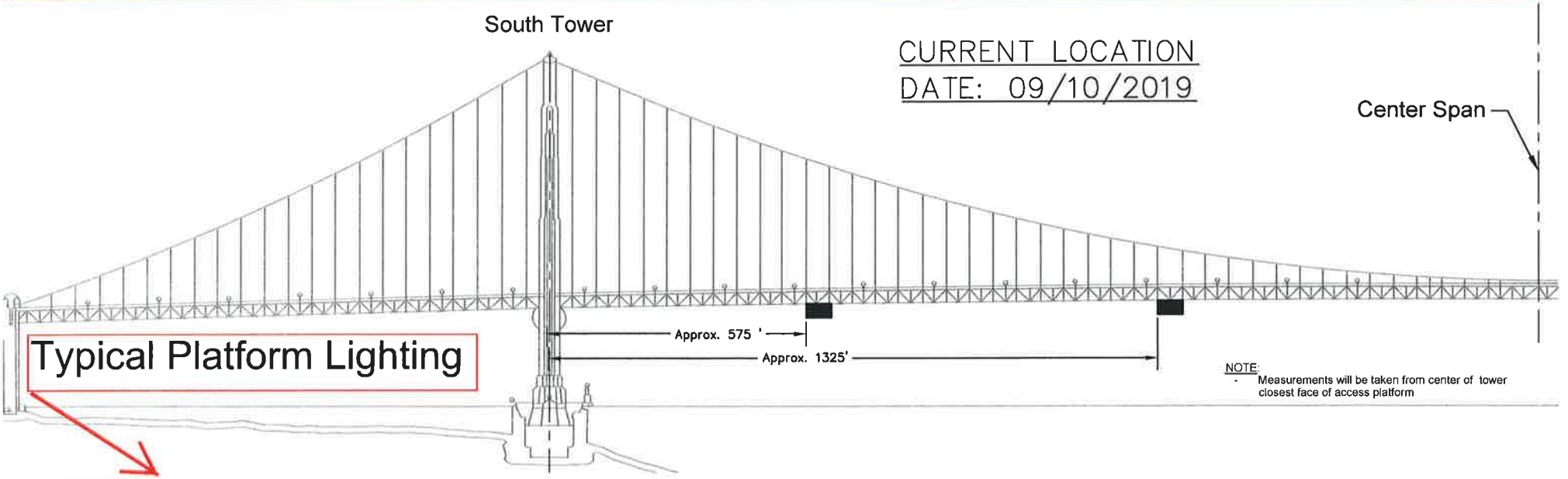
Temporary Access Platforms
Golden Gate Bridge, Mile 2.5, San Francisco Bay
Revised 10 Sep 19



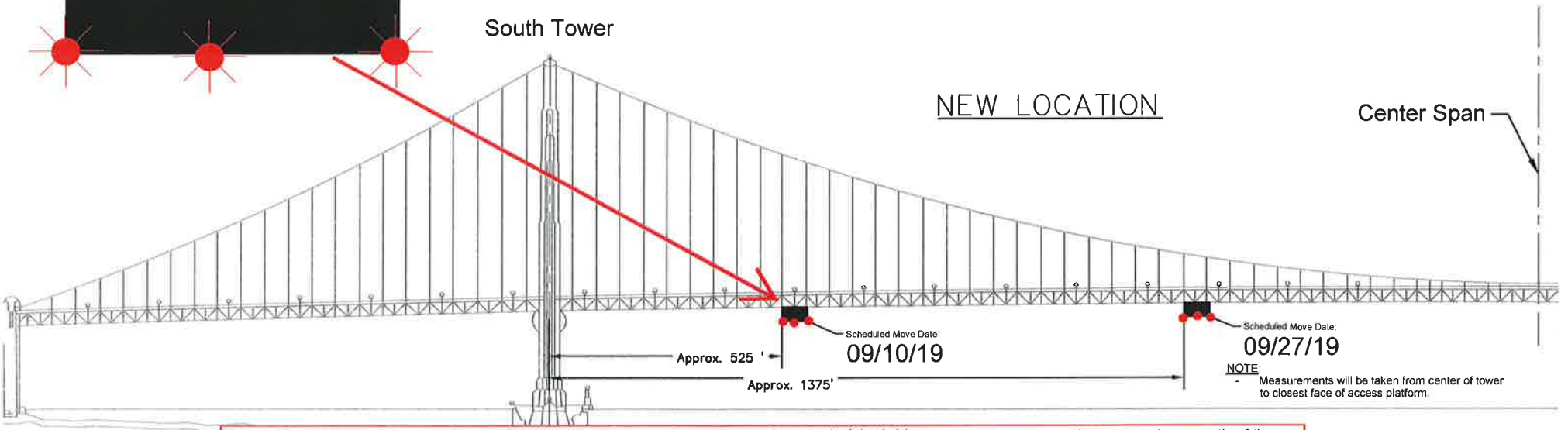


Four 54 foot wide temporary platforms will be installed in the main span below low steel of the bridge, two south of the north tower and two north of the south tower, reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platform will be lighted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

Temporary Access Platforms
Golden Gate Bridge, Mile 2.5, San Francisco Bay
Revised 10 Sep 19

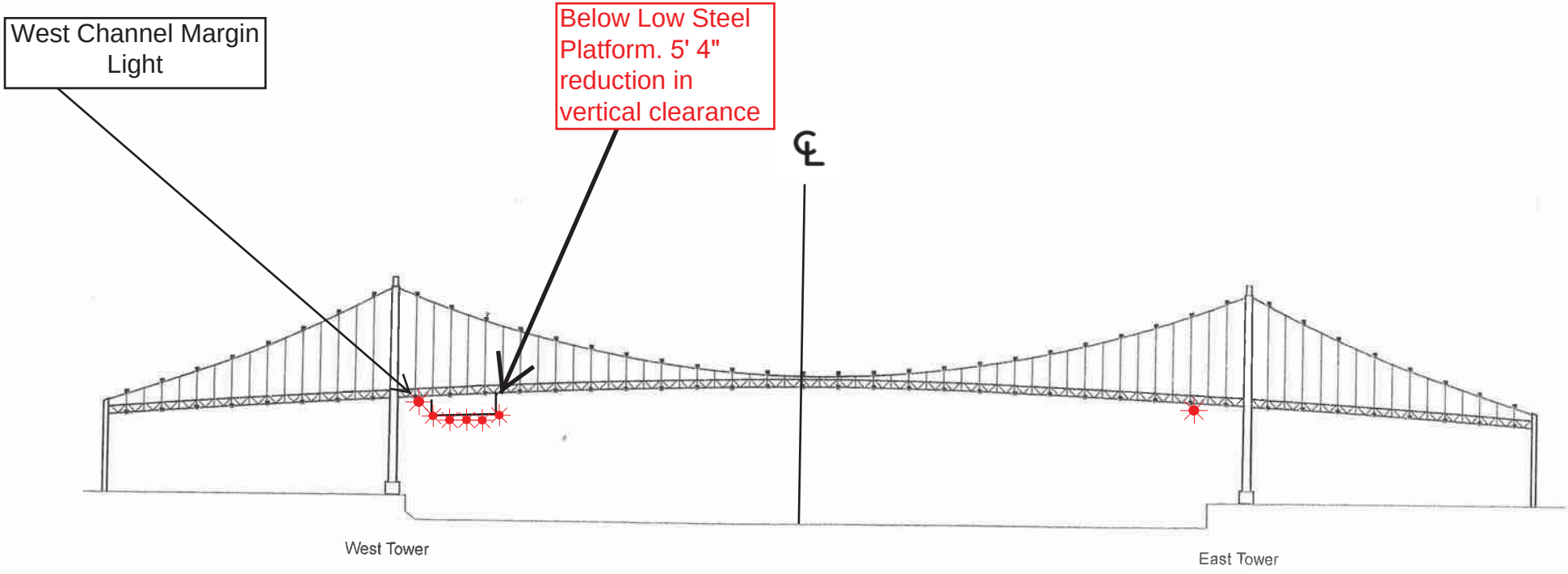


Typical Platform Lighting



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

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



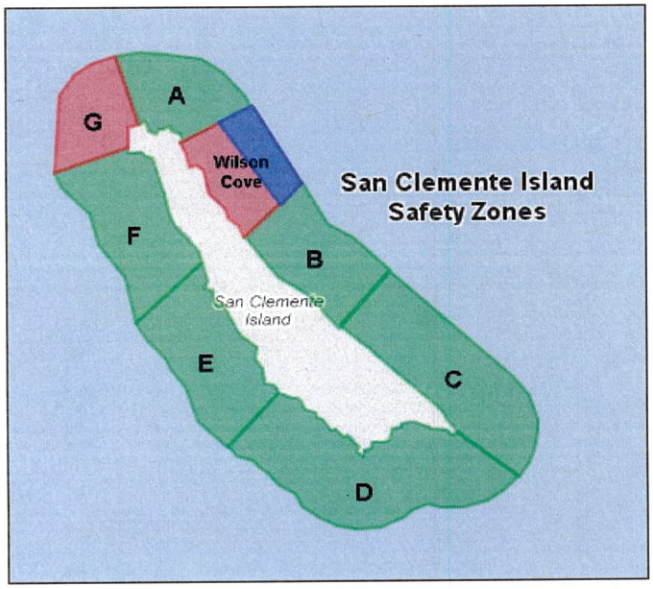
A 180 foot long under deck temporary platform will reduce vertical clearance by 5' 4". Each corner and every 50 feet along the the upstream and downstream side of the platform will lighted at night with steady burning red lights visible at 2000 yards by approaching vessels. In a duration of 1-year the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

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

Gerald Desmond Bridge
Replacement Project

Caltrans • Metro • Port of Long Beach • US Department of Transportation

SAFETY NOTICE
For Watercraft on Back Channel

Construction of the Gerald Desmond Bridge Replacement Project's main span has begun over the Back Channel.

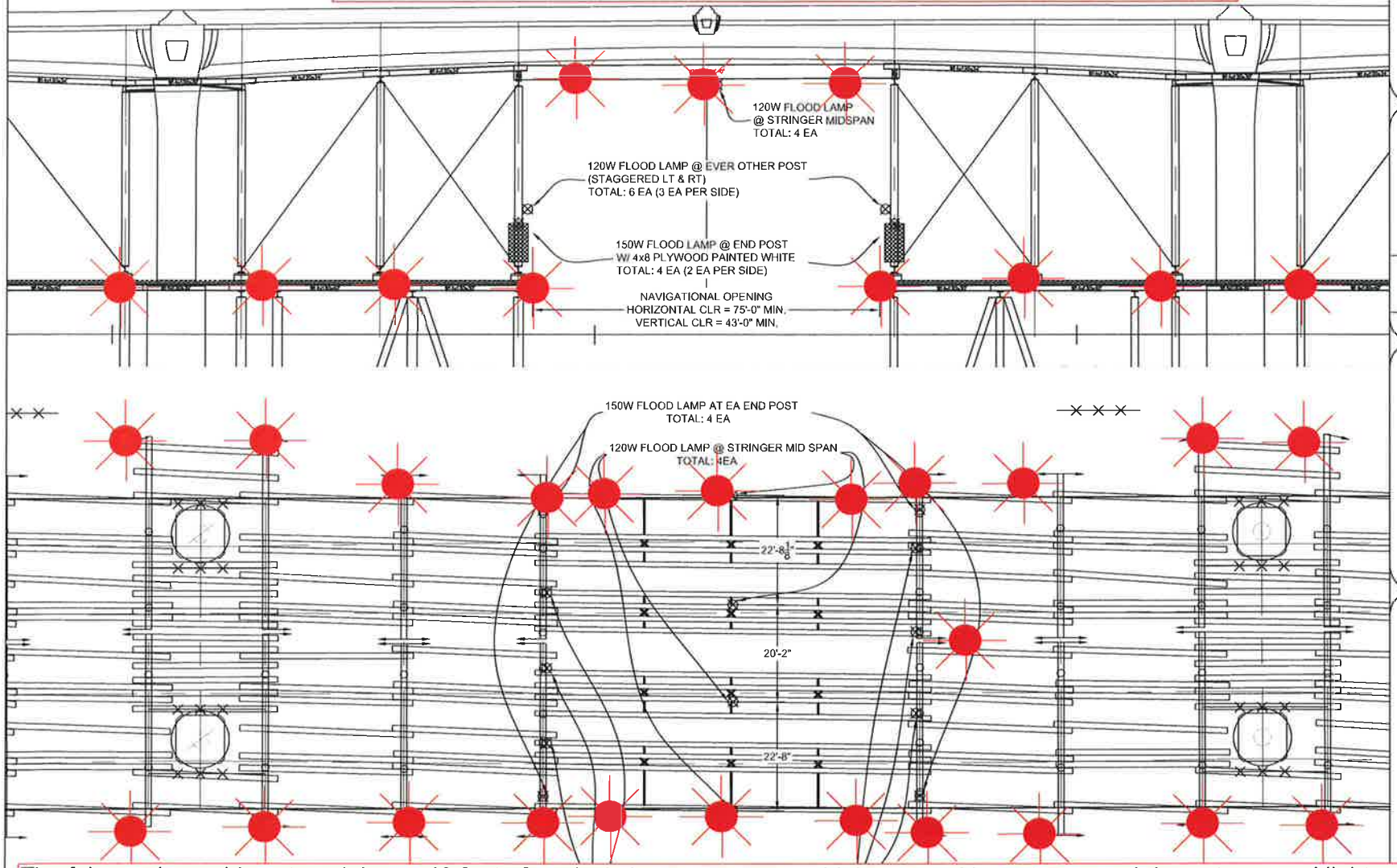
All recreational and commercial watercraft that travel through the channel between the hours of 6:00 a.m. and 2:30 a.m. Monday through Saturday are advised to be aware of and identify the stationed spotter boat (pictured) for safe passage under the Bridge Project.

For watercraft approaching the Bridge Project, Marine VHF radio channels 13 and 79 can be used to communicate with the spotter boat to determine safe passage.

For more information, visit: www.NewGDBridge.com/Waterway

If you have any questions about this announcement, please contact the **Bridge Project Communications Team at (562) 485.2780** or **info@GDBRProject.com.** Thank you!

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



REV	DATE	DESCRIPTION
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MCM CONSTRUCTION, INC.
GENERAL ENGINEERING CONTRACTORS
SACRAMENTO, CA

STAGE 3 FRAME FW

NAVIGATIONAL OPENING LTG

CALTRANS CONTRACT: 07-138204

Designed By: JSC

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

MCM CONSTRUCTION JOB NUMBER: 349

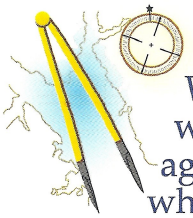
The falsework provides at a minimum 43 feet of vertical clearance at mean high water with upstream and downstream red lights marking low steel spaced at least every 20 feet.
The temporary trestles provide 75 feet of vertical clearance with upstream and downstream red lights every 75 feet.

ENCLOSURE (

5 things you can do TO REDUCE THE RISK OF A WHALE STRIKE

1 KNOW BEFORE YOU GO

Anticipate likely whale sightings by communicating with other mariners and subscribing to Whale Alert or other services. Find out about the seasonal movements and behavior of whales.



2 PLAN YOUR PASSAGE

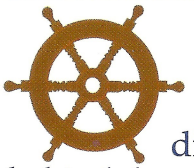
With advance planning, vessels may avoid whale concentrations with a minimal increase to passage time. If travel through whale aggregations cannot be avoided, plan to reduce speed in areas where whales are likely, especially if sighting conditions are poor.

3 DISCUSS WHALE AVOIDANCE

Bridge teams that discuss in advance what actions to take when whales are sighted near the ship's path can save valuable time when these events occur. Conducting avoidance drills can also be helpful.

4 KEEP A DEDICATED WATCH

Keep a consistent lookout, focusing on whales near the path of the ship. If you see one whale, keep looking, as there are likely more nearby! Specify the information needed (bearing, estimated distance, and direction of travel). Keeping critical distances in mind may help you avoid surprises at close range. For example, if ship speed is 18 knots, the **whale with the highest chance of surfacing** off your bow was 1.7 miles ahead on its previous surfacing (or 1.4 miles at 15 knots, both assuming a 5 to 6 minute dive time). Detecting whales at a greater distance opens up more options for avoiding a strike.



5 MAKE MODEST ADJUSTMENTS

When a whale comes up in the path of the ship, determine its direction of travel and identify the best course of action. Steering behind the whale is often most effective. A small decrease in speed when you first see the whale can make the difference between a strike and a near miss.