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

LOCAL NOTICE TO MARINERS

District: 11 Week: 34/17

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

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

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0016-17, SF-0184-17, LA-0144-17, and SD-0094-17 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

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

BRIDGE INFORMATION- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the DelayRept0207.pdf included in the Enclosures section of this Local Notice to Mariners.

MARINE SAFETY INFORMATION BULLETIN

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

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

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

LNM: 45/16

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

NOAA Sanctuaries request a voluntary Vessel Speed Reduction until 15 Nov 17 within the San Francisco Traffic Seperation Scheme. Vessels 300 gross registered tons or larger transiting the San Francisco Traffic Separation Scheme (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe 877-767-9425 or to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public’s help in tracking whales. Please report

sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org

Charts: 18640 18680 LNM: 17/17

SAN FRANCISCO BAY-MAIN SHIP CHANNEL

The U.S. Coast Guard District 11 changed the characteristics of:

San Francisco Main Ship Channel Lighted Bell Buoy 1 (LLNR 4160)
37-46-11.157N
122-37-55.637W
(Q)FL G, Nominal Range 5NM
Installed Physical AIS lantern.

San Francisco Main Ship Channel Lighted Whistle Buoy 2 (LLNR 4165)
37-45-48.008N
122-37-44.496W
(Q)FL R, Nominal Range 5NM
Installed Physical AIS lantern.

Chart 18649 LNM: 29/17

SANTA BARBARA CHANNEL-TSS SPEED REDUCTION

Vessel transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from June through November, should exercise caution and reduce speed, for more details see (SB Channel Slow speed zone.pdf) in the enclosure section. These areas contain populations of endangered blue, humpback and fin whales that are federally 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.).

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel Traffic Separation Scheme between Point Arguello and the eastern end of Santa Cruz Island do so at speeds not in excess of 10 knots due to endangered whales in the area.

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

Charts: 18720 18721 LNM: 22/17

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	ADRIFT	18022	SD-0168-16	52/16	
10	San Diego Bay Approach Lighted Whistle Buoy SD	RAC INOP	18772	SD-0091-17	33/17	
30	Mission Bay North Jetty Light 1	TRLB	18765	SD-0005-16	05/16	
365	Mile Rocks Light	LT EXT	18649	SF-0151-17	27/17	
448	Dart Tsunami Warning Lighted Buoy Station 46411	ADRIFT	18010	HB-0001-17	03/17	
485	Blunts Reef Lighted Bell Buoy 40	MISSING	18623	HB-0015-17	32/17	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
525	Trinidad Head Light	REDUCED INT	18605	HB-0016-17	31/17	

1485	San Diego Bay Approach Lighted Whistle Buoy SD	RAC INOP	18772	SD-0091-17	33/17
1493	San Diego Bay Approach Lighted Bell Buoy 4	OFF STA	18772	SD-0079-17	28/17
2280	Mission Bay North Jetty Light 1	TRLB	18765	SD-0005-16	05/16
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14
3180	Cerritos Channel Lighted Buoy 1	LT EXT	18751	LA-0072-17	16/17
3855	Morro Bay Channel Lighted Buoy 4	OFF STA	18703	LA-0108-17	24/17
3865	Morro Bay Channel Lighted Buoy 6	OFF STA	18703	LA-0108-17	24/17
4245	Mile Rocks Light	LT EXT	18649	SF-0151-17	27/17
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18651	SF-0153-15	34/15
5240	Redwood Creek Light 13	STRUCT DMGD	18651	SF-0178-17	33/17
5460	Berkeley North Breakwater Light 4	LT EXT	18653	SF-0035-17	05/17
5885	San Pablo Bay Channel Light 5	MISSING	18654	SF-0149-17	26/17
5895	Point Pinole Light P	DAYMK DMGD	18654	SF-0123-16	26/16
5925	San Pablo Bay Channel Light 12	STRUCT DEST/TRLB	18654	SF-0050-17	06/17
6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036--17	05/17
6325	Suisun Bay North Channel Light 2	STRUCT DMGD/TRLB	18657	SF-0004-14	01/14
6665	San Joaquin River Daybeacon 1	STRUCT DEST/TRUB	18659	SF-0017-16	04/16
6760	San Joaquin River Light 25	STRUCT DEST/TRLB	18660	SF-0083-15	21/15
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0119-17	22/17
7125	Stockton Channel Range J Rear Light	REDUCED INT	18663	SF-0012-17	03/17
7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17
7780	**Bodega Harbor Channel Light 2**	**STRUCT DMGD**	**18643**	**SF-0184-17**	**34/17**
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
185	Anacapa Island Light	WATCHING PROPERLY	18729	LA-0139-17	33/17	34/17
3115	Los Angeles Main Channel Entrance Light 8	WATCHING PROPERLY	18751	LA-0138-17	34/17	34/17
4190	San Francisco Main Ship Channel Lighted Bell Buoy 7	WATCHING PROPERLY	18649	SF-0179-17	34/17	34/17
6750	San Joaquin River Light 23	WATCHING PROPERLY	18660	SF-0183-17	34/17	34/17
6960	Stockton Channel Light 12	WATCHING PROPERLY	18660	SF-0182-17	34/17	34/17
7275	Sacramento River Deep Water Ship Channel Light 23	WATCHING PROPERLY	18661	SF-0181-17	34/17	34/17

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5140	Coyote Point Light 1	STRUCT DEST	18651	SF-0166-17	31/17	
5535	Corte Madera Channel Light 5	STRUCT DEST/TRLB	18649	SF-0173-17	33/17	
6691	Gaylord Turning Basin Daybeacon 3	STRUCT DEST	18660		36/16	

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
5	Point Loma Light	Other	18773	SD-0039-17	13/17	
280	Point Sur Light	Reduced Intensity	18686	SF-0045-17	06/17	
296	NOAA Environmental Lighted Buoy 46044	DISCONTINUED	18680	SF-0068-15	18/15	
448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15	
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15	
2470	Newport Bay Channel Light 11	TRLB	18754	LA-0176-15	50/15	
2805	Anaheim Bay East Jetty Light 6	TRLB	18749	LA-0108-14	35/14	
3775	Santa Barbara Harbor Lighted Buoy 7	DISCONTINUED	18725	LA-0176-16	51/16	
3785	Santa Barbara Harbor Lighted Buoy 11	DISCONTINUED	18725	LA-0176-16	51/16	
3855	Morro Bay Channel Lighted Buoy 4	DISCONTINUED	18703	LA-0079-17	17/17	
3856	Morro Bay Channel Lighted Buoy 4A	DISCONTINUED	18703	LA-0079-17	17/17	
3860	Morro Bay Channel Lighted Buoy 5	DISCONTINUED	18703	LA-0079-17	17/17	
3865	Morro Bay Channel Lighted Buoy 6	DISCONTINUED	18703	LA-0079-17	17/17	
3870	Morro Bay Channel Lighted Buoy 7	DISCONTINUED	18703	LA-0079-17	17/17	
3875	Morro Bay Channel Lighted Buoy 8	DISCONTINUED	18703	LA-0079-17	17/17	
4317	Alcatraz Wildlife Protection Area Buoy ALCZ1	DISCONTINUED	18650		24/17	
4317.2	Alcatraz Wildlife Protection Area Buoy ALCZ3	DISCONTINUED	18650	SF-009-17	24/17	
5180	Redwood Creek Entrance Light 2	TRLB	18651	SF-0153-15	34/15	
6165	Napa River Light 8	TRLB	18654	SF-0123-14	34/14	
6665	San Joaquin River Daybeacon 1	TRUB	18659	SF-0017-16	04/16	
6760	San Joaquin River Light 25	TRLB	18660	SF-0083-15	21/15	
6785	San Joaquin River Light 30	TRLB	18660	SF-0179-16	43/16	
6865	San Joaquin River Light 47	TRLB	18660	SF-0113-15	26/15	
7885	Bodega Harbor Channel Daybeacon 22	TRUB	18643	0669-12	01/13	
7990	Bodega Harbor Channel Daybeacon 44	TRUB	18643	SF-0230-15	50/15	
8320	Hookton Channel Light 8	TRLB	18622	HB-0036-14	47/14	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

Main Panel 2245 NEW YORK HARBOR CGD01

(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W

Green can

Corrective Action	Object of Corrective Action	Position

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

18640 27th Ed. 01-OCT-15 Last LNM: 04/12 NAD 83 34/17

ChartTitle: **San Francisco to Point Arena**

Main Panel 1816 SAN FRANCISCO TO POINT ARENA. Page/Side: A

(Temp) CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 CGD11 at 37-46-11.185N 122-37-55.943W
CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1
Add Magenta circle Chart No. 1: S17.2 and label AIS

CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 CGD11 at 37-46-11.185N 122-37-55.943W
Change San Francisco Main Ship Channel Lighted Bell Buoy 1 from Iso G 6s to QG

Change position of San Francisco Main Ship Channel Lighted Bell Buoy 1 to 37-46-11.185N 122-37-55.943W

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 CGD11 at 37-45-48.008N 122-37-44.496W
CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2
Add Magenta circle Chart No. 1: S17.2 and Label AIS

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 CGD11 at 37-45-48.008N 122-37-44.496W
Change San Francisco Main Ship Channel Lighted Whistle Buoy 2 from Iso R 6s to QR

18645 28th Ed. 01-MAY-13 Last LNM: 05/17 NAD 83 34/17

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

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

(Temp) CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 CGD11 at 37-46-11.185N 122-37-55.943W
CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1
Add Magenta circle Chart No. 1: S17.2 and label AIS

CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 CGD11 at 37-46-11.185N 122-37-55.943W
Change San Francisco Main Ship Channel Lighted Bell Buoy 1 from Iso G

6s to QG

Change position of San Francisco Main Ship Channel Lighted Bell Buoy 1 to 37-46-11.185N 122-37-55.943W

CGD11

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 at 37-45-48.008N 122-37-44.496W
CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2
Add Magenta circle Chart No. 1: S17.2 and Label AIS

CGD11

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 at 37-45-48.008N 122-37-44.496W
Change San Francisco Main Ship Channel Lighted Whistle Buoy 2 from Iso R 6s to QR

18649 **68th Ed.** **01-JUN-13** **Last LNM: 32/14** **NAD 83** **34/17**

ChartTitle: **Entrance to San Francisco Bay**

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

CGD11

(Temp) CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 at 37-46-11.185N 122-37-55.943W
CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1
Add Magenta circle Chart No. 1: S17.2 and label AIS

CGD11

CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 at 37-46-11.185N 122-37-55.943W
Change San Francisco Main Ship Channel Lighted Bell Buoy 1 from Iso G 6s to QG

Change position of San Francisco Main Ship Channel Lighted Bell Buoy 1 to 37-46-11.185N 122-37-55.943W

CGD11

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 at 37-45-48.008N 122-37-44.496W
CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2
Add Magenta circle Chart No. 1: S17.2 and Label AIS

CGD11

CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 at 37-45-48.008N 122-37-44.496W
Change San Francisco Main Ship Channel Lighted Whistle Buoy 2 from Iso R 6s to QR

18654 **45th Ed.** **01-JAN-11** **Last LNM: 32/14** **NAD 83** **34/17**

ChartTitle: **San Pablo Bay**

Main Panel 1846 SAN PABLO BAY. Page/Side: N/A

CGD11

CHANGE San Pablo Bay Channel Light 12 at 38-02-58.915N 122-19-46.897W
CHANGE San Pablo Bay Channel Light 12
Add Magenta circle Chart No. 1: S17.2 and label AIS

CGD11

CHANGE San Pablo Bay Channel Lighted Buoy 7 at 38-01-51.904N 122-22-26.832W
CHANGE San Pablo Bay Channel Lighted Buoy 7
Remove Magenta circle Chart No. 1: S17.2
Remove AIS label

18656 **56th Ed.** **01-AUG-10** **Last LNM: 21/12** **NAD 83** **34/17**

ChartTitle: **Suisun Bay**

Main Panel 1849 SUISUN BAY. Page/Side: N/A

NOS

CHANGE Depth Legend - Suisun Bay Side Channel to:; 34 FT JUL 2017 (NOS NW-26500) 38-02-08.500N 122-07-47.500W

NOS

CHANGE Tabulation - Suisun Bay 38-10-25.000N 121-51-23.000W
http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=274702;
Tabulation - Suisun Bay (NOS NW-26499)

18657 **19th Ed.** **01-NOV-05** **Last LNM: 21/12** **NAD 83** **34/17**

ChartTitle: **Carquinez Strait**

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

NOS

CHANGE Depth Legend - Suisun Bay Side Channel to:; 34 FEET FOR A WIDTH OF 400 FT JUL 2017 (NOS NW-26500) 38-02-08.500N 122-07-47.500W

NOS

CHANGE	Tabulation - Suisun Bay http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=274701; Tabulation - Suisun Bay (NOS NW-26499)	38-01-51.000N	122-05-28.000W

18658 **31st Ed.** **01-SEP-07** **Last LNM: 21/12** **NAD 83** **34/17**

ChartTitle: **SUISUN BAY-Roe Island and vicinity**

Main Panel 1851 SUISUN BAY ROE ISLAND AND VICINITY. Page/Side: N/A

CHANGE	Tabulation - Suisun Bay http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=274703; Tabulation - Suisun Bay (NOS NW-26499)	NOS 38-02-11.000N	122-02-30.000W

18661 **30th Ed.** **01-MAR-09** **Last LNM: 12/12** **NAD 83** **34/17**

ChartTitle: **Sacramento and San Joaquin Rivers Old River, Middle River and San Joaquin River extension;Sherman Island Extension 1854 UNION ISLAND INSET. Page/Side: A**

CHANGE	Fixed Bridge Label; FIXED BRIDGE HOR CL 63 FT VERT CL 8 FT (NOS NW-26504)	NOS 37-56-11.000N	121-36-02.000W
CHANGE	Fixed Bridge; Chart No. 1: D22 (NOS NW-26504)	NOS 37-56-21.460N	121-36-36.760W

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

CHANGE	Fixed Bridge Label; FIXED BRIDGE HOR CL 63 FT VERT CL 8 FT (NOS NW-26504)	NOS 37-56-20.000N	121-36-18.000W
CHANGE	Fixed Bridge; Chart No. 1: D22 (NOS NW-26504)	NOS 37-56-20.930N	121-36-36.580W

18680 **32nd Ed.** **01-MAY-13** **Last LNM: 33/16** **NAD 83** **34/17**

ChartTitle: **Point Sur to San Francisco**

Main Panel 1866 POINT SUR TO SAN FRANCISCO. Page/Side: N/A

(Temp)	CHANGE	San Francisco Main Ship Channel Lighted Bell Buoy 1 CHANGE San Francisco Main Ship Channel Lighted Bell Buoy 1 Add Magenta circle Chart No. 1: S17.2 and label AIS	CGD11 at 37-46-11.185N	122-37-55.943W
	CHANGE	San Francisco Main Ship Channel Lighted Bell Buoy 1 Change San Francisco Main Ship Channel Lighted Bell Buoy 1 from Iso G 6s to QG Change position of San Francisco Main Ship Channel Lighted Bell Buoy 1 to 37-46-11.185N 122-37-55.943W	CGD11 at 37-46-11.185N	122-37-55.943W
	CHANGE	San Francisco Main Ship Channel Lighted Whistle Buoy 2 CHANGE San Francisco Main Ship Channel Lighted Whistle Buoy 2 Add Magenta circle Chart No. 1: S17.2 and Label AIS	CGD11 at 37-45-48.008N	122-37-44.496W
	CHANGE	San Francisco Main Ship Channel Lighted Whistle Buoy 2 Change San Francisco Main Ship Channel Lighted Whistle Buoy 2 from Iso R 6s to QR	CGD11 at 37-45-48.008N	122-37-44.496W

18685 **34th Ed.** **01-SEP-12** **Last LNM: 33/16** **NAD 83** **34/17**

ChartTitle: **Monterey Bay;Monterey Harbor;Moss Landing Harbor;Santa Cruz Small Craft Harbor**

Inset 1869 SANTA CRUZ SMALL CRAFT HARBOR. Page/Side: N/A

CHANGE	Depth Legend - Santa Cruz Harbor to:; 6 FT MAY 2017 (NOS NW-26498)	NOS 36-57-47.850N	122-00-07.750W
CHANGE	Depth Legend - Santa Cruz Harbor to:; 8 FT MAY 2017 (NOS NW-26498)	NOS 36-57-38.050N	122-00-03.430W
ADD	Sounding in Fathoms & Fractions; 1/2 (NOS NW-26498)	NOS 36-57-38.740N	122-00-03.350W
ADD	Sounding in Fathoms & Fractions; 1/2 (NOS NW-26498)	NOS 36-57-48.860N	122-00-07.180W
ADD	Sounding in Fathoms & Fractions; 1/2 (NOS NW-26498)	NOS 36-57-48.900N	122-00-08.400W

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)

LA/LB-LED CONVERSION

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

Charts: 18020 18022 18740 18746 LNM: 34/15

SAN DIEGO BAY-SOUND SIGNAL DISESTABLISHMENT

The U.S. Coast Guard is planning to disestablish San Diego Bay Pier B Sound Signal (LLNR 1800). Direct any questions, comments, or feedback to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Chart 18773 LNM: 17/17

SAN DIEGO-MISSION BAY NORTH JETTY LIGHT-LOCATION CHANGE

The U.S. Coast Guard is planning to permanently reestablish Mission Bay North Jetty Light (LLNR 30) with original characteristics of a lighted tower, a fog horn and a weather station. This reestablished aid will be located approximately 175 feet landward from the tip of jetty. Advanced notice of implementation will be provided once scheduled. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Charts: 18022 18740 18765 LNM: 11/17

SAN FRANCISCO BAY AREA-ADDITION OF LIGHT

The U.S. Coast Guard is planning to add a 4nm green light with characteristc Fl (2 +1) 6s to the Alcatraz Bell Buoy (LLNR 4310) in October, 2017. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Charts: 18649 18650 LNM: 49/16

SAN FRANCISCO BAY-CARQUINEZ STRAIT-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Carquinez Light 22 (LLNR 6235). Advanced notice of implementation will be provided once scheduled. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil.

Charts: 18656 18657 LNM: 09/15

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)

NEWPORT BAY-PROPOSED ATON DISCONTINUANCE

CALIFORNIA - Eleventh District - NEWPORT BAY (Chart 18754) - Newport Bay :

The U.S. Coast Guard is proposing to discontinue and establish Private Aids to Navigation (PAtoN) for Newport Bay Channel Light 5 (LLNR 2450), Newport Bay Channel Light 6 (LLNR 2455), Newport Bay Channel Lighted Buoy 8 (LLNR 2460), Newport Bay Channel Light 10 (LLNR 2465), Newport Bay Channel Light 11 (LLNR 2470) and Newport Bay Channel Light 12 (LLNR 2475). The City of Newport has requested to take ownership, remove pile markers and establish lighted Private Aids to Navigation buoys for all listed aids in Newport Bay due to concerns of vessel safety and improve channel marking. Please direct any questions, comments, or feedback by September 3, 2017 to LT Marcia Medina at 510-437-5984 or Marcia.A.Medina@uscg.mil.

Chart 18754 LNM: 31/17

SAUSALITO COAST GUARD MOORING BUOY CHANGE

The U.S. Coast Guard is proposing to change the current configuration of the Coast Guard Mooring Buoy located at 37-51-05.1N, 122-28-22.8W from a CG sphere to a 2NR buoy. Contact LT Amber Napralla with any questions, comments or concerns at 510-437-3801 or Amber.L.Napralla@uscg.mil

Charts: 18649 18650 18653 LNM: 34/17

AGUA HEDIONDA LAGOON-BRIDGE

BRIDGE REMOVAL-The City of Carlsbad's contractor, Pulice Construction, is in the process of removing a pipeline utility bridge from the waterway, just east of the North County Transit District Railroad Bridge, Monday through Friday, 0700 to 1600, through 29 Sep 17. All mariners transiting the site should do so with caution. For conditions at the removal site, mariners can contact the contractor at 619-929-7883, 619-717-1694 or the City's consultant at 760-607-7530, 760-802-4634. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18740 LNM: 17/17

ALAMEDA-DREDGING OPERATIONS

Dutra Construction Company will be conducting dredging operations at the U.S Coast Guard Island Berths 1-3 until 30 Nov 17. Dredged material will be disposed of at an offshore disposal site. Clamshell DB 24, DB BEAVER, along with tugs HEIDI BRUSCO, BECKY T and ARTHUR BRUSCO will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dennis Slayers at 415-497-5289.

Chart 18650 LNM: 29/17

ARCATA BAY-VARIOUS TRIBUTARIES-BRIDGE

Construction has begun on 5 pedestrian bridges. (1) Old Jacoby Creek, 40-50-25N 124-04-56W; (2) Jacoby Creek, 40-50-36N 124-05-05W; (3) Gannon Slough, 40-50-47N 124-04-56W; (4) Butcher Slough, 40-51-23N 124-05-26W; (5) Unnamed waterway, 40-51-48N 124-05-36W. Mariners are requested to transit these areas with caution. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18622 LNM: 29/17

BENICIA-BENICIA MARINA-DREDGING

Salt River Construction is conducting dredging operations in Benicia Marina at 38-02-36N 122-09-26W until 30 Nov 17. The self-contained dredge/dump barge DB2, and tug HAYBEN BAY TUG will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18657 LNM: 31/17

BODEGA BAY-DREDGING OPERATIONS

Curtin Maritime will be conducting maintenance dredging in Bodega Bay Harbor, Bodega Bay until 15 Oct 17. Material will be dredged within the federal navigation channel as well as Spud Point Marina, and will be transported to the disposal site SF-DODS or SF-08. Temporary Barge mooring for empty dump scows will be located at 38-18-28N 123-02-46W and 38-18-29N 123-02-39W. Clam shell dredge DB BEN WESTON, split hull scows LONG POINT, ARROW POINT, BASALT, PT VASHON, as well as support tugs BERNADINE C, SEANNA C, KELLY C, SARA C will be on scene Monitoring VHF-FM Chan 01, 13,and 14. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Sam Bice at 206-550-3916.

Chart 18643 LNM: 33/17

COLORADO RIVER – VICINITY OF PALO VERDE, CA/CIBOLA, AZ - BRIDGE

A temporary floating bridge will be deployed across the Colorado River in position 33-22-40N 114-42-27W from 9-13 Sep 17 in support of U.S. Marine Corps exercises. The upstream and downstream edges of the bridge will be lighted at night with steady burning red lights (See floating_bridge_lighting.pdf in enclosure section). The U.S. Coast Guard will establish a temporary safety zone in certain portions of the Colorado River between the towns of Palo Verde, CA & Cibola, AZ. The safety zone will be encompassed by these coordinates: 33-23-25N, 114-42-39W; 33-23-25N, 114-42-33W; 33-22-18N, 114-42-14W; and 33-22-21N, 114-42-21W. Unauthorized persons and vessels will be prohibited from entering this zone. The safety zone will be enforced from 0400, 14 SEP 17 through 1400, 15 SEP 17. Mariners are urged to use extreme caution with transiting the bridge site when the safety zone is not in effect. For conditions at the bridge deployment site, contact Mr. George Ellis 760-763-7803. For further information contact the Coast Guard Bridge Office at 510-437-3516.

LNM: 34/14

DELTA & RIVERS-BISHOP CUT-BRIDGE

EIGHT MILE ROAD BRIDGE - Portions of the clearance gauges are illegible. Mariners are requested to use caution while transiting the bridge. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 25/17

DELTA & RIVERS-DISAPPOINTMENT SLOUGH-BRIDGE

DISAPPOINTMENT SLOUGH (RINDGE TRACT) BRIDGE-Portions of the clearance gauges are illegible. Mariners are requested to use caution while transiting the bridge. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 29/17

DELTA & RIVERS-MIDDLE RIVER-BRIDGE

BACON ISLAND RD BRIDGE - Portions of the clearance gauges are illegible. Mariners are requested to use caution while transiting the bridge. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 25/17

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

AVAILABILITY OF PUBLIC NOTICE-All interested parties are notified that an application, dated August 3, 2017, has been received from the California Department of Transportation by the Commander, Eleventh Coast Guard District for approval of location and plans for the modification of a bridge across a navigable waterway of the United States. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. A Coast Guard Bridge Permit Amendment will be required for this project.

WATERWAY AND LOCATION: Sacramento River, mile 59.0, (94.95 km), between the City of Sacramento, Sacramento County and the City of West Sacramento, Yolo County, California.

Public Notice (11-144), dated August 16, 2017, is being published on the Coast Guard Navigation Website. The public notice contains a detailed description of the proposed bridge modification project and includes location maps and bridge drawings with navigational clearances. Interested parties may access Active Public Notices for Bridge Projects for the Eleventh Coast Guard District at the following web site https://www.navcen.uscg.gov/D11BN. The public notice may also be obtained by calling the Eleventh Coast Guard District Bridge Office at (510) 437-3516, by writing to Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg 50-2, Alameda, CA 94501-5100, by email request at Carl.T.Hausner@uscg.mil or by facsimile request at (510) 437-5836.

Mariners are requested to comment on the proposed modification project and navigational safety issues. Interested parties are requested to express their views in writing. Comments will be received for the record at the address given in Public Notice (11-144) through September 14, 2017.

Chart 18662 LNM: 33/17

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RIO VISTA DRAWBRIDGE-The 160 ft X 35 ft Dredge #8 will be anchored upstream and downstream from the bridge, from 06-15 Sep 17, to conduct emergency dredging. 200 ft anchor lines will extend perpendicular from the dredge ladder toward each levee (See RV_Dredge_Anchor_Diagram.pdf at the end of this notice for location). Work will take place 24 hours a day, 7 days a week. For the safety of navigation the dredge can be moved with one-hour advance notice For conditions near the bridge, mariners can contact Dredge #8 at 503-349-7434. For further information mariners can contact the contractor at 503-349-7436 or the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 30/17

DELTA & RIVERS-SACRAMENTO RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct dredging operations in Sacramento River Deep Water Channel until 22 Sep 17. The submerged dredge pipe will come ashore at two locations, the lower end of Decker Island 38-05-10N 121-44-08W, and also near Sandy Beach 38-08-08N 121-41-43W. Vessel DREDGE 8 will be dredging in the vicinity of Rio Vista at 38-04-29N 121-45-45W and 38-09-32N 121-41-03W and will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7436.

Chart 18661 LNM: 29/17

DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

REPLACEMENT NAVY DR BRIDGE CONSTRUCTION-Construction of the replacement bridge is in progress. Work will be conducted Monday through Saturday from 0600 to 1900. Two trestles will be erected from each bank out into the river just upstream of the existing bridge. 24 feet of horizontal clearance will be provided for vessel traffic from the channel-ward end of the north shore trestle to the swing span fender system. The upstream and downstream edges of the trestles will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels (see Trestle_Lighting_NavyDr.pdf in the enclosure section of this notice). Mariners are advised to use the north channel of the bridge; the south channel of the bridge will be impassable during this phase of construction. For conditions at the bridge mariners can contact the contractor at 925-200-9175 or 760-846-5842. For further project information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 29/17

DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

CA RT 4 HWY (GARWOOD FERRY) BRIDGE-Rock slope protection (RSP) will be placed, via excavator, above the mean low water mark directly underneath the bridge on the west levee embankment from 11 Sep to 16 Oct 17. No in-water equipment will be utilized. Bridge clearances will not be permanently affected, as the RSP will not exceed the original scope of the as-built levee. Mariners are requested to use caution transiting the bridge. For conditions at the bridge, mariners can contact Caltrans at 209-471-4008 or the contractor at 714-510-5010. For further information contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 30/17

DELTA & RIVERS-STANISLAUS RIVER-BRIDGE

MCHENRY RD REPLACEMENT - San Joaquin County's contractor has started in water work to replace the bridge. To facilitate construction a temporary bridge will be built. Waterway users will be directed, via bouy lines, to the opening in the temporary bridge. The temporary bridge will provide at least 20 ft of horizontal clearance and 7 ft of vertical clearance at ordinary high water. The vertical clearance is subject to fluctuation if upstream dam releases increase or decrease. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

LNM: 29/17

HUMBOLDT BAY-EUREKA-MARINE CONSTRUCTION

West Coast Contractors will be performing marine construction in Humboldt Bay at 40-46-40N 124-11-42W until 30 Aug 17. There will be various small boats working in the area monitoring VHF-FM Chan 16. Mariners are requested to transit the area with caution. For more details or comments contact the Chevron terminal office at 707-444-7850.

HUMBOLDT BAY-EUREKA-MARINE CONSTRUCTION

Chart 18622 LNM: 31/17

HUMBOLDT BAY-SHOALING

Due to severe winter storms, shoaling has occurred at the entrance of Humboldt Bay. Soundings taken by the Army Corp of Engineers show that severe shoaling has occurred in the approach and entrance channels of Humboldt Bay. Therefore Humboldt Bar Pilots have temporarily reduced the deep draft limit to 28.5ft. based on a +6.0 ft. tide until maintenance dredging can be performed.

Chart 18622 LNM: 11/17

LAKE TAHOE-FIREWORKS DISPLAY

Monte Foundation will be sponsoring a fireworks display involving a pyrotechnics barge on 03 Sep 17 between 2030-2100 in vicinity of 39-13-24N, 120-04-53W. A safety zone will be enforced during this time. No vessels may transit within 1,000 feet of the loaded fireworks barge. Mariners are to use caution when transiting the area. For more details or comments contact LTJG C. Ramirez at 415-399-2001.

Chart 18665 LNM: 31/17

LONG BEACH-ANAHEIM BAY-TEMPORARY BUOY

The U.S. Coast Guard has established a temporary lighted buoy at 33-43-33.809N 118-06-02.318W to mark the end of the damaged Anaheim Bay East Jetty. The buoy displays a Fl Red 2.5s characteristic. It will be discontinued when Anaheim Bay East Jetty Light 6 (LLNR 2805) is reestablished. Direct any questions to LT Amber Napralla at 510-437-2978 or Amber.L.Napralla@uscg.mil.

Chart 18749 LNM: 48/14

LONG BEACH-AQUACULTURE FACILITY

The Catalina Sea Ranch, LLC will be installing an Aquaculture Facility until 06 Sep 17 in an area bound by the following positions:

33-36-49N 118-06-28W
33-36-49N 118-06-03W
33-36-28N 118-06-03W
33-36-28N 118-06-28W

This includes using vessels to install helical screw anchors on the ocean floor to support 600 foot long lines for suspension of mussel growing lines. M/V ENTERPRISE will be on scene and monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Tony White at 813-495-0881.

Chart 18746 LNM: 33/17

LONG BEACH-MARINE CONSTRUCTION

Connoly-Pacific Co. will be building a containment dike in East Basin, Long Beach at 33-45-19.130N 118-12-40.136W from 0700-1530 Mon-Fri until 30 Aug 17. Dive operations will occur from 0630-1530 on weekdays during daylight hours to remove mooring piles. The derrick barge LOS ANGELES is aware of active terminal at Berth F and will stay clear of vessel traffic. Tug DURANGO and derrick barge LOS ANGELES will be on site monitoring VHF FM Chan. 13, 16, 78, 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18751 LNM: 11/16

LONG BEACH-MIDDLE HARBOR-MARINE CONSTRUCTION

Manson Construction Company is conducting continuous filling operations until 15 Sep 17 in the vicinity of Long Beach Middle Harbor within the following coordinates:

33-45-02N 118-13- 59W
33-45-21N 118-12-36W
33-46-04N 118-13-19W

Tugs ELMER and JEFFREY M along with Derrick barges VALHALLA, VULCAN, NJORD, and H.R. MORRIS will monitor VHF-FM Chan. 13, 16, and 71. Mariners are requested to transit the area with caution. For more details or comments contact Dylan Porter at 562-283-7100 or dylan.porter@polb.com.

Charts: 18749 18751 LNM: 12/16

LONG BEACH–TREASURE ISLAND

John S. Meek Company, Inc. will be performing marine construction from a barge at the Southwest corner of Treasure Island in Long Beach, California at 33-45-08N 118-07-39W until 31 Aug 17. There will be a 70'x50' Flexi-Float barge with crane assembled and used onsite. The barge and vessels on scene will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments please contact Jeremiah Jilk at 310-830-6323.

Chart 18749 LNM: 23/17

LOS ANGELES-ATMOSPHERIC SURVEY

Naval Air Systems Command deployed 2 atmospheric survey mooring buoys at 34-01-30N 118-55-29W and 34-04-10N 119-05-29W , they will remain deployed until 15 Oct 17. The mooring buoys are yellow in color with a flashing yellow light (FL Y 4s). Mariners are requested to transit the area with caution. For more details contact Robi Garcia at 805-989-5040 or roberto.m.garcia@navy.mil.

Chart 18720 LNM: 09/17

LOS ANGELES-DIVING OPERATIONS

American Marine Corporation will be conducting diving operations offshore of the Hyperion Treatment Facility until 29 Sep 17 on the one mile and five mile outfalls of El Segundo. The M/V LOKALIA will be on scene monitoring VHF-FM Chan. 16. Mariners are advised to use caution when

LOS ANGELES-DIVING OPERATIONS

transiting the area. For more details or comments contact Michael Dunn at 310-547-2455.

Chart 18744 LNM: 17/17

LOS ANGELES-NEWPORT BEACH-DOCK CONSTRUCTION

Associated Pacific Constructors, Inc. will be constructing a new dock by bulkhead US 126 until 15 Sep 17 in vicinity of 33-37-12N 117-55-45W. Tug BREE-TESSA and barge MERI will be on site monitoring VHF-FM Chan. 10, 16, and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-234-5055.

Chart 18754 LNM: 32/17

LOS ANGELES-NEWPORT HARBOR-DREDGING

Associated Pacific Constructions will be conducting dredging operations in Newport Harbor at 33-36-31N 117-54-58W until 20 Sep 17. Two mooring cans will be placed to mark the dredging area, each mooring is 40" dia. X 8' and painted white with a single yellow light with reflector tape. AMERICAN SPIRIT, BALANA, dump scow 1, and assist vessel BREE TESSA will be on scene and monitoring VHF-FM Chan. 14,16 and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-234-5055.

Chart 18754 LNM: 24/17

MONTEREY BAY-RESEARCH BUOY DEPLOYMENT

Ocean Engineer has deployed a temporary lighted research buoy within the Monterey Marine Sanctuary in approximate position 36-45-54N 122-07-30W. The surface buoy will be yellow and marked with a flashing yellow light that flashes every four seconds (FL Y 4s) and will remain on station until 15 Sep 17. For more information contact Danny Devereaux at 206-526-6177.

Chart 18010 LNM: 25/17

MOSS LANDING - WAVEGLIDER DATA COLLECTION

The Monterey Bay Aquarium Research Institute (MBARI) will be conducting 24/7 autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 29 Sep 17. Vehicles will be deployed in the vicinity of Moss Landing and operate continuously between latitudes 35-04-20N and 37-07-15N and will extend shoreward from as far West as 122-35-92W. 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 1 meter above the water surface supporting a flag. Mariners are advised to use caution when transiting the area. For further information, authorities and mariners can contact MBARI at 831-775-1700, waveglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Chart 18685 LNM: 25/17

OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

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

Chart 18649 LNM: 20/16

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

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

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

Chart 18749 LNM: 10/15

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

VINCENT THOMAS BRIDGE – Painting of the under deck of the bridge is in progress. A 100 ft long platform has been erected below low steel of the bridge, just to the east of the west channel margin red light, reducing vertical clearance by 6 ft. Once a 100 ft section is complete the platform will be moved to the east 100 ft and work continued. The platform will migrate towards the east until it reached 100 ft west of centerline of the bridge span. Each corner and every 20 ft along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V_Thomas_Platform_Lighting.pdf at the end of this notice). Work will take place during daylight hours, Monday through Friday. For conditions at the bridge mariners can contact 213-479-4138, 213-479-1144 or 310-261-9552. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

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

LNM: 29/17

SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE

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

Chart 18660 LNM: 22/16

SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33 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 $40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 41/16

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE MAINTENANCE-Scaffolding installed between piers 13-14, 20-21 and 1/2 of the East Channel Span (piers 19-20), reduces vertical clearance by not more than 8ft and is lighted at night with red lights. RACON "T" (LLNR 1859) has been re-installed to the 18-19 West Channel Span and has resumed normal service. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Charts: 18772 18773 LNM: 21/14

SAN DIEGO BAY-DIVING OPERATIONS

Scripps Institution of Oceanography will be conducting diving operations in San Diego Bay at 32-40-56N, 117-08-39W until 15 Nov 17. The R/V SALLYANN will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and to maintain a minimum safe distance of 1000 yards from the dive site if transiting outside of the channel, due to risk of entanglement. For more details or comments contact Professor Sarah Giddings at 510-406-4574 or Principal Engineer Brian Woodward at 858-245-5559.

Chart 18773 LNM: 23/17

SAN DIEGO BAY-NAVAL BASE-PIER CONSTRUCTION

Marathon Construction Corp. will be conducting pier construction in Naval Base San Diego at 32-41-01.26N 117-07-52.31W until 15 Dec 17. A 60' x 120' crane spud barge will be spudded and anchored down adjacent to Pier 2. A 50'x100' material spud barge will be moored next to the crane barge on site. Mariners are requested to transit the area with caution. For more details or comments conact Project Manager Tim Meyer 619-843-8975.

Chart 18773 LNM: 21/17

SAN DIEGO BAY-OCEANOGRAPHIC MOORING

Scripps Institution of Oceanography will be deploying 1 bottom-mounted mooring with oceanographic equipment in San Diego Bay off of the Red Channel marker 26, at 32-40-56N 117-08-39W until 15 Nov 17. There will be no surface expression, only a bottom-mounted instrument and a subsurface buoy 17ft above the bottom. Mariners are requested to transit the area with caution and to maintain a minimum safe distance of 1000 yards from the dive site if transiting outside of the channel, due to risk of entanglement. For more details or comments contact Professor Sarah Giddings at 510-406-4574 or Principal Engineer Brian Woodward at 858-245-5559.

Chart 18773 LNM: 23/17

SAN DIEGO BAY-POINT LOMA LIGHT

Point Loma Light (LLNR 5) sound signal is inoperative. A Mariner Radio Activated Sound Signal (MRASS) has been temporarily installed until the self activating sound signal can be repaired. Sound signal can be activated by keying the microphone 5 times within 10 seconds on VHF-FM Chan. 81A.

Chart 18772 LNM: 14/17

SAN DIEGO BAY–FIREWORKS–SAFETY ZONE

Fireworks America will sponsor the San Diego Symphony Summer Pops fireworks displays in San Diego Bay on 25-26 Aug 17, 31 Aug 17, and 1-3 Sep 17 between 2100-2200. There will be a tug and barge combination located off of South Embarcadero Marina Park. A 400 foot radius safety zone, encompassing all navigable waters around the barge, will be enforced from 2100-2200 at 32-42-11 N, 117-10-04W. All mariners are to avoid the safety zone and use due caution when transiting outside this area. For more details or comments contact Ms. Britney Cutler at 619-938-8277.

Chart 18773 LNM: 26/17

SAN DIEGO-B STREET PIER-CONSTRUCTION

There will be construction at B Street Pier Cruise Ship Terminal in the Port of San Diego at 32-43-04N 117-10-31W until 01 Sep 17. The operation includes the use of 15 barges constructed of wood with a foam core. Each barge measures 4' by 8'. Barges will remain secured under the B Street Pier during construction. Mariners are requested to transit the area with caution. For more details or comments contact Bryan Davey 619-971-4271 or Eric Guerreiro 858-869-3933.

Chart 18773 LNM: 13/17

SAN DIEGO-DEL MAR-LOS PEÑASQUITOS LAGOON-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE-Work has begun to replace the existing railroad bridge. A temporary bridge has been

SAN DIEGO-DEL MAR-LOS PEÑASQUITOS LAGOON-BRIDGE

erected alongside the existing bridge to facilitate construction of the replacement bridge. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765 LNM: 31/15

SAN DIEGO-MARINE CONSTRUCTION

Nova-Shimmick JV will be conducting pile driving operations and marine construction in San Diego Bay, in the vicinity of the Naval Base Point Loma Harbor Drive Annex at 32-43-33N 117-12-56W until 31 Oct 17. Crane barge BMC-32, support barge DANA, tug LINDA M, and survey vessel TONY N will be on site monitoring VHF/FM Chan. 16 and 66. Mariners are requested to transit the area with caution. For more comments or details contact Eric Kelley at 707-328-4973.

Chart 18773 LNM: 34/17

SAN DIEGO-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. will conduct marine construction in Shelter Island Boat Launch of San Diego Bay at 32-42-54N 117-13-21W until 28 Feb 18. The work will consist of boat launch facility improvements. DB POINT LOMA along with crane barges RES 180, RES 150, tugs KATHY C, KILLEEN, HAROLD M, and CLARENCE D will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Walt Jellison at 619-233-0178.

Chart 18773 LNM: 24/17

SAN DIEGO-MARINE EVENT

San Diego Maritime Museum is sponsoring the annual San Diego Maritime Museum Tall Ship Festival of Sail on 31 Aug 17 from 1330-1530. The route will start at the channel entrance near Ballast Point and head inbound to the Coronado Bridge and end at the Maritime Museum. Mock cannon battles will also be conducted intermittently in the vicinity of the Maritime Museum from 1100-1300 and 1500-1700 on 01-04 Sep 17. A special local regulation is established for the duration of the event within the San Diego Harbor. Mariners are requested to transit the area with caution and avoid the regulated area of the parade route in the vicinity of Maritime Museum during the mock cannon battles. For more details or comments contact Mark Gallant at 619-234-9153.

Chart 18773 LNM: 32/17

SAN DIEGO-MISSION BAY-MARINE EVENT

Thunderboats Unlimited, Inc is sponsoring the San Diego Bayfair 2017 event involving 150 participants racing powerboats in Mission Bay 32-46N 117-14W from 0700-1800 15-17 Sep 17. A special local regulation has been established encompassing the navigable waters of Mission Bay to include the Fiesta Island, Crown Point, and Ski Beach areas. De Anza launch ramp will be closed, but Cove Water area will remain open to the public and escorts will be available from Fisherman's Channel to De Anza Cove as the race schedule permits during intermissions. Contact Course Control on VHF-FM Chan. 66 during closure times. Mariners are requested to transit the area with caution. For more details or comments contact Thunderboats at www.sandiegobayfair.org until 08 Sep 17.

Chart 18765 LNM: 29/17

SAN DIEGO-OBSTRUCTION TO NAVIGATION

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

Charts: 18765 18772 18773 LNM: 18/17

SAN DIEGO-OCEANOGRAPHIC OPERATIONS

Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL will conduct surface to floor oceanographic operations in San Diego until 28 Aug 17. Operations will be conducted within a box opposite corners being: 32-54-00N 117-35-00W and 32-45-00N 117-23-00W. During over-the-side operations vessel will be restricted in ability to maneuver. Vessel will also deploy and recover autonomous vehicles (Wave Gliders) with instrumentation tethered up to 400-feet below the vehicles. R/V ROBERT GORDON SPROUL will monitor VHF-FM channels 16 & 13. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-536-9568.

Chart 18765 LNM: 34/17

SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

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

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

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

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

Charts: 18765 18772 LNM: 22/17

SAN DIEGO-SAN DIEGO BAY-MARINE CONSTRUCTION

Abbe & Svoboda, Inc. will conduct marine construction and repairs to the Broadway Pier in vicinity of 32-42-56N, 117-10-30W until 04 Dec 17. Crews will be working on and under the pier. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the pier. For more details or comments contact Project Manager Daniel Markwell at 619-659-1320.

Chart 18773 LNM: 31/17

SAN FRANCISCO BAY- SAUSALITO- FIREWORKS DISPLAY

Fireworks America will be conducting a fireworks display involving a pyrotechnics barge on 03 Sep 17 between 2145-2200 in vicinity of 37-51-13N, 122-28-36W. Mariners are to use caution when transiting the area. For more details or comments contact LTJG C. Ramirez at 415-399-2001.

Chart 18653 LNM: 31/17

SAN FRANCISCO BAY-BRIDGE

SAN MATEO-HAYWARD BRIDGE - Caltrans' contractor, Liberty Maintenance, is conducting maintenance during daylight hours, Monday through Saturday. A work platform has been installed below low steel of the bridge deck, from the western shore to the second pier west of the main channel span and from the 2nd pier east of the main channel span to the eastern start of the high rise, reducing vertical clearance in those spans by approximately 5 ft. The upstream and downstream low steel of the platform will be lighted at night with red lights placed every 75 ft. A 160ft X 50ft equipment barge and a 110ft X 30ft service barge will be moored, via spuds, at various locations on the north side of the bridge, each corner lighted at night with red lights (See San Mateo Lighting Plan in the enclosure section). There is no work in the main channel span. For details at the work site, mariners can contact Caltrans at 408-592-3785, or Liberty Maintenance at 330-272-4667, 516-369-8535, 330-509-4535, or 917-709-0742. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18651 LNM: 11/16

SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

THIRD STREET DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0500 to 1200 on 27 Aug 17, for the San Francisco Giant Race Half Marathon and from 1700 to 2230 on 07 Sep 17 for the J.P. Morgan Corporate Challenge Race. The bridge can be opened for emergencies upon one hour advance notice to the bridge operator. The bridge provides 3ft vertical clearance above mean high water when closed. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18650 LNM: 31/17

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LT Amber Napralla at 510-437-2978 or Amber.L.Napralla@uscg.mil.

Chart 18649 LNM: 23/15

SAN FRANCISCO BAY-MARE ISLAND STRAIT-DREDGING

Mare Island Drydock LLC. will conduct maintenance dredging at Mare Island Shipyard Berth 12, Dry Dock 4 in 38-05-49N 122-15-54W until 15 Oct 17. Vessels will be transporting material north on the Napa River to the Dutchman Slough. Dredge barge SONNIE DELIGHT, barge GRETA JEAN; along with tugs TRIG LIND and SHELLEY 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 Kevin Tweed of Bay Marine Services at 415-798-0007.

Chart 18655 LNM: 30/17

SAN FRANCISCO BAY-NORTHERN WATERWAYS-BRIDGE-DIVE OPERATIONS

VARIOUS NORTH BAY BRIDGES- Caltrans will be conducting dive operations from 0800 to 1530, 21-25 Aug 17, on various piers at the following bridges:

CA RT 29/12 Bridge, mile 14.8, Napa River

Imola Ave (CA RT 121) Bridge, mile 17.6, Napa River

Third Street Bridge, mile 19.8, Napa River

CA RT 37 Bridge, mile 0.1, Sonoma Creek

U.S. 101 Bridge, mile 0.6, Corte Madera Creek

Bon Air Rd Bridge, mile 2.2, Corte Madera Creek

CA RT 37 Bridge, mile 1.0, Petaluma River

The dive vessel CALTRANS DIVE BOAT can be contacted via VHF-FM Chan. 16 or by cell at 916-715-4284. All mariners are requested to contact CALTRANS DIVE BOAT at least 30 minutes prior to transiting the bridge dive site and to use extreme caution when transiting the area. Since exact site dates have not been set, if you will be approaching any one of the above bridges during the dates and times of the scheduled dive operations, contact "CALTRANS DIVE BOAT" to determine if they are present at that bridge site. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516 or 510-219-4366.

Charts: 18649 18654 LNM: 33/17

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

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

Chart 18650 LNM: 16/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Oakland Channel until 30 Nov 17. Dredged material will be disposed of at the SF-DODS. Clamshell dredges DB 24 and/or BEAVER along with tugs ARTHUR BRUSCO, HEIDI L BRUSCO, SARAH REED, and BECKY T will be on site monitoring 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 415-497-5289.

Chart 18650 LNM: 33/17

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Oakland until 10 Sep 17. Dredged material will be disposed of at the SF-DODS. Clamshell dredges DB 24 and/or BEAVER along with tugs SARAH REED and BECKY T will be on site monitoring 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 415-497-5289.

Chart 18649 LNM: 32/17

SAN FRANCISCO BAY-PARADISE CAY-DREDGING OPERATIONS

Salt River Construction Corporation will be conducting dredging operations for the Paradise Cay Yacht Harbor, Tiburon, Marin County at 37-54-52N 122-28-32W until 30 Nov 17. Self contained dredge DB1, DB2, DB4 and dump barge BRANDY BAR will be on scene monitoring VHF-FM Chan. 13,14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 24/17

SAN FRANCISCO BAY-PORT OF SAN FRANCISCO PIER 33 AND 35-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of San Francisco, Pier 33 and 35 at 37-48-33N 122-24-18W from 0700-2000 on weekdays until 21 Oct 17. Dredged material will be disposed of at the Montezuma Wetlands Restoration Project disposal site. Derrick barge KELSO; along with tugs JEANETTE C and SARAH REED will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Adam Gehlert at 628-888-4583.

Chart 18650 LNM: 20/17

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

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

Chart 18649 LNM: 33/17

SAN FRANCISCO BAY-WEST MARINA BASIN-DREDGING

Dutra Construction Company will be conducting dredging operations in San Francisco West Marina Basin at 37-48-26N 122-26-34W until 08 Sep 17. Dredged material will be disposed of at SF-8 disposal site. Clamshell DB 24, or DB BEAVER, along with tugs SARA REED and BECKY 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 Operations Manager Dennis Salyers at 415-497-5289.

Chart 18650 LNM: 33/17

SAN FRANCISCO BAY– PIER DEMOLITION

CALTRANS will be carrying out pier demolition operations involving multiple barges, vessels, and submerged equipment near piers L and M of the old eastern span of the San Francisco-Oakland Bay Bridge in the San Francisco Bay. During the loading of piers L and M, scheduled to occur from approximately 0600 on 27 Aug 17 until 0600 on 01 Sep 17, the temporary safety zone will extend 1,000 feet around approximate position 37-49-05N, 122-20-48"W. At 0600 on 01 Sep 17 the safety zone will increase in size and encompass the navigable waters around and under the Pier L and M demolition site within a radius 1,750 feet in approximate position 37-49-05N, 122-20-48W (NAD 83) and will extend west, to encompass the navigable waters contained within the two tangential lines originating in approximate position 37-48-52N, 122-21-31W (NAD 83), extending at bearing 040°T and 097°T to the existing 1,750 foot radial safety zone. This safety zone will remain until midnight on 04 Sep 17 or as broadcasted via Broadcast Notice to Mariners. All vessels are forbidden from transiting within the safety zone unless given explicit permission from the Captain of the Port or his designated representative. Mariners are requested to transit the surrounding area with caution. For more details or comments contact LTJG C. Ramirez at 415-399-2001.

Chart 18649 LNM: 32/17

SAN FRANCISCO-GEOPHYSICAL SURVEY

U.S.G.S. Pacific Coastal and Marine Geology will conduct a geophysical survey offshore California until 20 Oct 17 see enclosure (geophysical survey.pdf) in the enclosure section for specific locations of survey operations. Personal watercrafts and jet skis will be onsite monitoring VHF-FM Chan. 16 and 82a. Mariners are requested to transit the area with caution. For more details or comments contact Jenny White at 831-460-7544.

Chart 18649 LNM: 16/17

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI-DEMOLITION-A Safety Zone has been established from 1000 feet west of position 37-48-

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

58N 122-21-07W and extends east to the Oakland shoreline. (see 2015-2017_East_SFOBB_Safety Zone.pdf in enclosure section) This safety zone has been established to protect mariners from the dangers associated with removal operations of the SFOBB. All vessels passing through the bridge east of YBI should use the "G" - "H" span of the Replacement SFOBB Eastern Span until demolition of the replaced bridge is complete. Unauthorized persons or vessels will be prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative.

Removal of the superstructure is complete. Red lights mark the upstream and downstream portion of the pier bases until their removal.

Work has begun on removing pier “K” and the 13 piers to the east. 3 crane barges; DB Oakland 140' x 70', DB Vancouver 210' x 60', DB Hagar 150' x 60' and several 200’ x 60’ flat deck barges will be anchored and moored during removal at the piers. Typical barge mooring configurations and lighting diagram can be found in the enclosure section (see Barge_Anchor-Lighting_Diagram.pdf). Divers will be deployed at various times during this work. For details at the work site for pier removal, mariners may contact Caltrans at 510-867-4545 or the Contractor at 360-580-3708.

REPLACEMENT SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI - A 99 foot X 99 foot crane barge, along with a 132 foot X 46 foot supply barge, will be spudded on the western face of pier "G" (SAS Tower) to facilitate the SAS tower grout replacement project. A gangway, spanning from Topedo Rd on YBI to supply barge, will facilitate crew access to the work site. The barges and gangway will be lighted at night with steady burning all-round red lights. (See GroutRepair_BargeLighting.pdf in the enclosure section) Work will take place Monday through Saturday, 0600 to 1800, until 01 Nov 2017. For further information mariners can contact the bridge owner at 510-385-7107 or 650-222-7242 or the contractor at 510-774-1204, 408-802-9336 or 925-413-4011. Mariners are urged to use caution when transiting the area of the work site.

For more details or comments concerning these two projects mariners can contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650 LNM: 43/08

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

Fender repair is in progress through 31 Aug 17. The DB Palormar is anchored on the south side of pier “C”. Five anchor lines extend approximately 600ft from the east, west, and south sides of pier “C” (See SFOBB_West_BargeLocation.pdf in the enclosure section). Each corner of the barge is lighted at night with all-round red lights (See SFOBB_West_BargeLighting.pdf in the enclosure section). The barge will be on-scene 24-hours a day until the end of construction. Mariners are requested to transit the area with caution. For further information, mariners can contact the DB PALOMAR, on VHF-FM 16, 13 or 14, or by telephone at 415-306-3297, 510-302-6097, or 510-703-4554.

Chart 18650 LNM: 06/17

SAN LUIS OBISPO BAY-DREDGING OPERATIONS

There will be dredging operations conducted in the vicinity of San Luis Obispo Bay at 35-10-25N 120-45-15W until 31 Aug 17. Activity will occur throughout all hours of the day and night. Equipment being used is a land-based crane with 50-horsepower Toyo submersible pump. Dredge material will be disposed of by West Bluff Beach. Mariners are requested to transit the area with caution. For more details or comments contact Chris Munson Planner/Analyst at 805-595-5431.

Chart 18704 LNM: 08/17

SAN LUIS OBISPO BAY-PISMO BEACH PIER-MARINE CONSTRUCTION

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

Chart 18700 LNM: 30/17

SAN LUIS OBISPO-MORRO BAY HARBOR-DREDGING

Camenzind Dredging Inc. will be conducting dredging operations in Morro Bay Harbor, San Luis Obispo between 35-21-50N 120-52-02W and 35-21-07N 120-50-44W, 24 hours a day, 7 days a week until 31 Oct 17. Dredged material will be disposed of at 35-20-51N 120-52-14W. The submerged pipeline will be marked with yellow floats and anchored with white buoys. A temporary shoal has developed presenting a hazard to navigation and is marked with 6 “DANGER” buoys with flashing yellow lights and radar reflectors. PAUL VINCENT, FESTER, and various skiffs will be monitoring VHF-FM Chan. 16 and 69. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager, Kurt Camenzind at 650-424-0367.

Chart 18703 LNM: 02/17

SANTA CRUZ-SHOALING

The Harbormaster’s office in Santa Cruz has reported shoaling in the outlying areas of Santa Cruz Harbor and shallow conditions along the east and west jetties on both sides of the marked federal entrance channel. Mariners are requested to transit the area with caution and be aware of shallow conditions, especially during low tides and large surf. Mariners are also advised while underway in the Santa Cruz Harbor to navigate within the federal marked channel and stay between the marked main channel buoys. For more comments or details contact Don Kinnamon at 831-475-6161 ext:14.

Chart 18685 LNM: 22/17

SANTA MONICA BAY-MARINE CONSTRUCTION

Techcom International will be performing underwater construction in Santa Monica Bay until 05 Sep 17. Tugs S BASS and PTS-1, along with multiple barges and divers will be working along the Hyperion One Mile Outfall in Santa Monica Bay in the vicinity of El Segundo. Operations will be conducted during daylight hours only in an area bound by the following positions:

33-55-26.79N 118-26-00.32W
33-55-21.35N 118-25-57.48W

SANTA MONICA BAY-MARINE CONSTRUCTION

33-55-01.29N 118-26-52.75W
33-55-06.74N 118-26-55.60W

Mariners are requested to transit the area with caution. For more details or comments contact Pacific Tugboat Service at 562-480-6722 or Travis@pacifictugboats.com.

Chart 18744 LNM: 25/17

SOUTHERN CALIFORNIA - OCEANOGRAPHIC OPERATIONS

The Scripps Institution of Oceanography research vessel SALLY RIDE will conduct surface to floor oceanographic operations off of Los Angeles, CA until 02 Sep 17 in the vicinity of position 32-00N 122-00W. During over-the-side operations, vessel SALLY RIDE will be restricted in her ability to maneuver. R/V SALLY RIDE will monitor VHF-FM channels 16 and 13. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18022 LNM: 33/17

SOUTHERN CALIFORNIA-LONG BEACH-HAZARDOUS OPERATIONS

The U.S. Navy is conducting continuous hazardous operations until 29 Aug 17, in an area bound by the following coordinates:
33-14-48N 117-32-24W
33-10-48N 117-37-36W
33-15-12N 117-42-24W
33-19-18N 117-37-12W

Due to high speed maneuvers and operations, both USNS JOHN GLENN and USNS BOB HOPE will be restricted in their ability to maneuver. Mariners are requested to transit the area with caution. Both ships will monitor VHF-FM Chan. 13 and 16. For more details or comments contact 832-917-4567 or 24 hours a day 832-917-7320.

Chart 18774 LNM: 34/17

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

SAN FRANCISCO BAY-SAN MATEO/HAYWARD BRIDGE

SanMateo_LightingPlan.pdf

See link above for barge location and lighting diagram

LNM: 11/16

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

Trestle_Lighting_Heim.pdf Pier_Removal_Plan_Drawing.pdf

See link above

LNM: 45/11

SAN FRANCISCO BAY-BRIDGE-SAN MATEO/HAYWARD BRIDGE

SanMateo_LightingPlan.pdf SMHaywardNavSpan_Lighting1.pdf

See link above for barge location and lighting diagram.

LNM: 11/16

OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

Embarcadero_Flexi _Float_Lighting.pdf

See Link Above.

LNM: 20/16

SAN CLEMENTE ISLAND-SAFETY ZONES

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

LNM: 41/16

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)-GROUT REPAIR

GroutRepair_BargeLighting.pdf
See link above for barge lighting and mooring location.

LNM: 44/16

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

SFOBB_West_BargeLocation.pdf SFOBB_West_BargeLighting.pdf
See links above for barge lighting and mooring location.

LNM: 06/17

SANTA BARBARA CHANNEL-2017 WHALE ADVISORY

SB Channel SlowSpeedZone.pdf
See link above.

LNM: 22/17

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)-DEMOLITION

2015-2017_East_SFOBB_SafetyZone.pdf Barge_Anchor-Lighting_Diagram.pdf
See links above for safety zone, barge mooring and lighting diagrams.

LNM: 22/17

DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

Trestle_Lighting_NavyDr.pdf
See link above for trestle lighting and location.

LNM: 29/17

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

V_Thomas_Platform_Lighting.pdf
See link above for platform lighting.

LNM: 29/17

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RV_Dredge_Anchor_Diagram.pdf
See link above for dredge location.

LNM: 30/17

COLORADO RIVER – VICINITY OF PALO VERDE, CA/ CIBOLA, AZ - BRIDGE

floating_bridge_lighting.pdf
See link above for temporary floating bridge lighting.

LNM: 34/17

SAN FRANCISCO-GEOPHYSICAL SURVEY

geophysical survey.pdf
See link above.

LNM: 16/17

A. E. Wirts
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 _____
14. 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 send via fax or mail to:

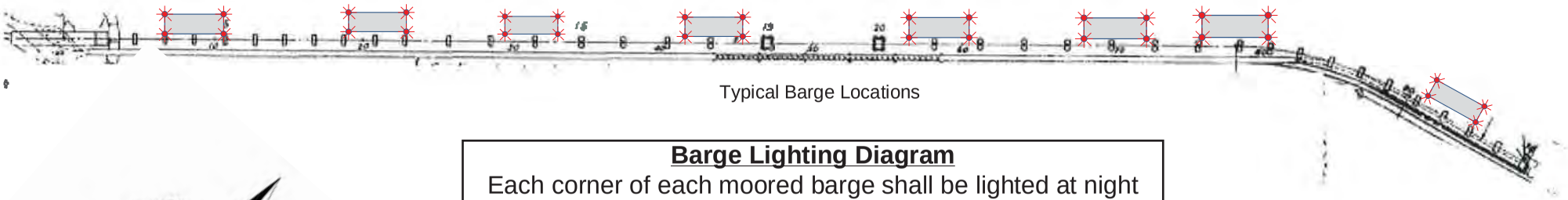
USCG D11(dpw) Bridge Administration
Building 50-2
Coast Guard Island
Alameda, CA 94501-5100
Cellular: (510) 219-4366, Work Phone: (510) 437-3516
Work Fax: (510) 437-5836

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

San Mateo-Hayward Bridge, mile 22.7, San Francisco Bay Maintenance - Work Platform and Barge Lighting Diagram

Below Deck Work Platform Lighting

The below deck platform will be lit at night with steady burning red lights placed upstream and downstream on the lowest hittable portion of the platform spaced every 75 feet.



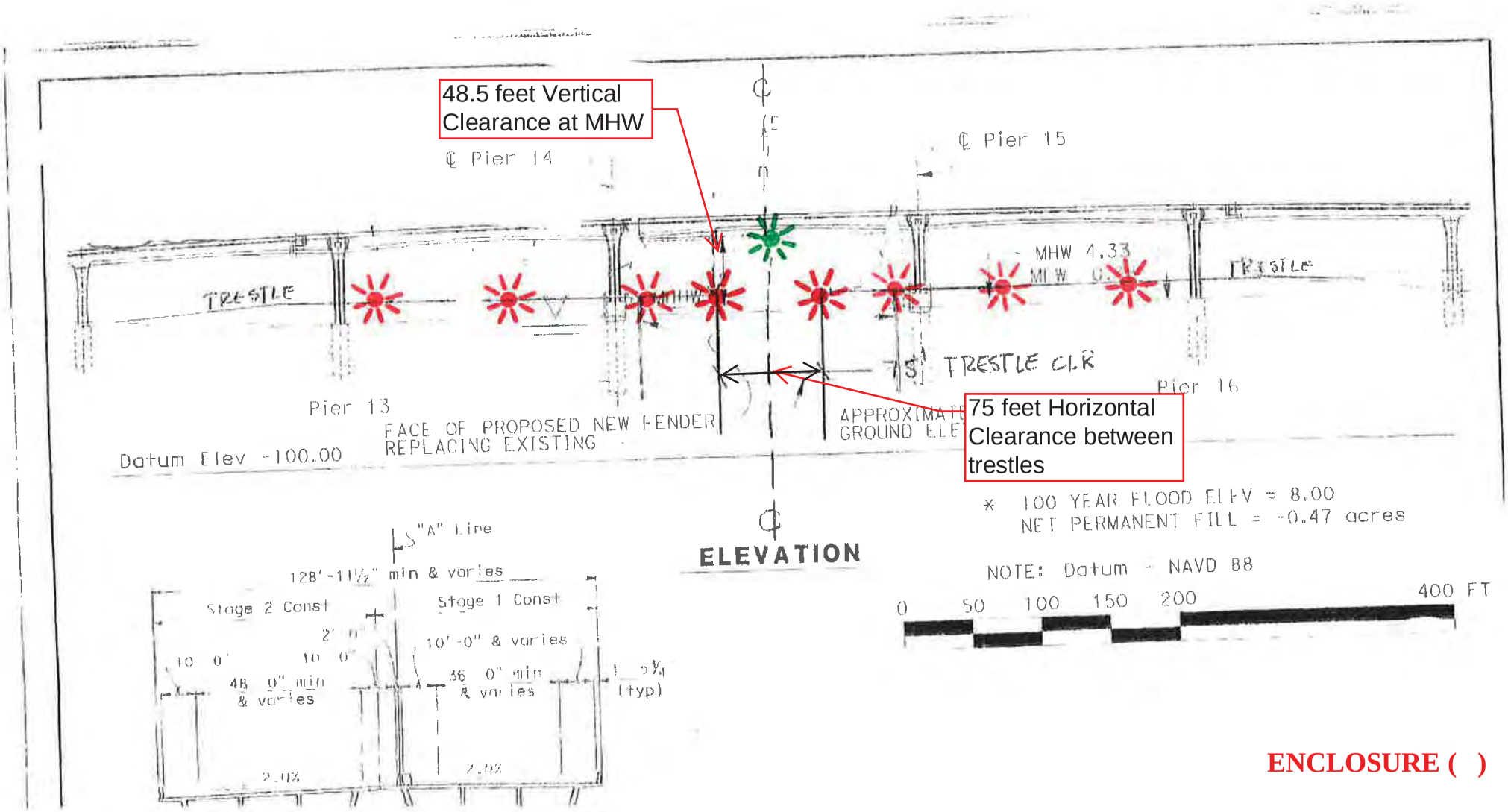
Barge Lighting Diagram

Each corner of each moored barge shall be lighted at night with steady burning all round red lights.

Replacement Schuyler Heim Bridge Project

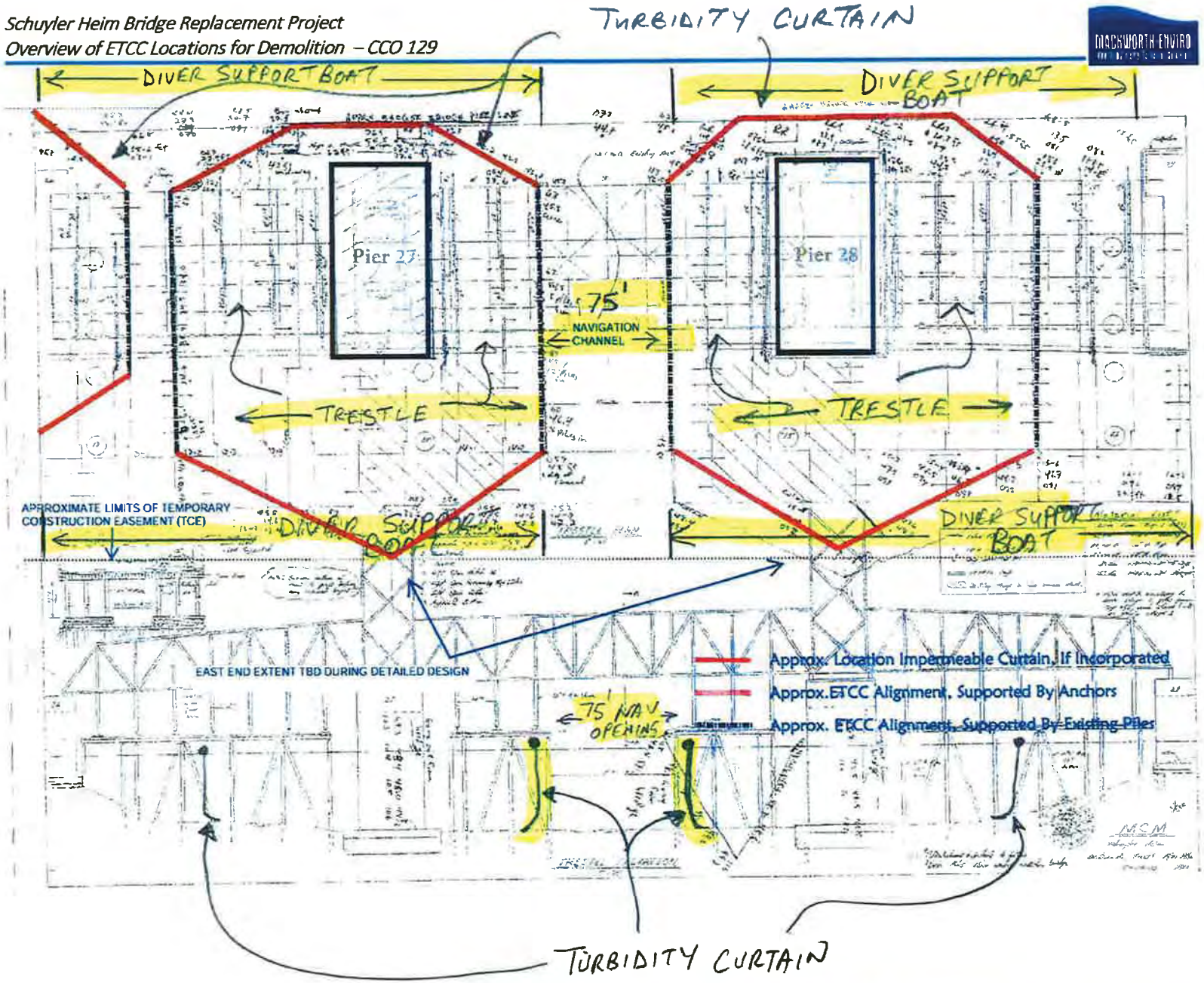
Temporary Lighting Diagram during Construction

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



ENCLOSURE ( )

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

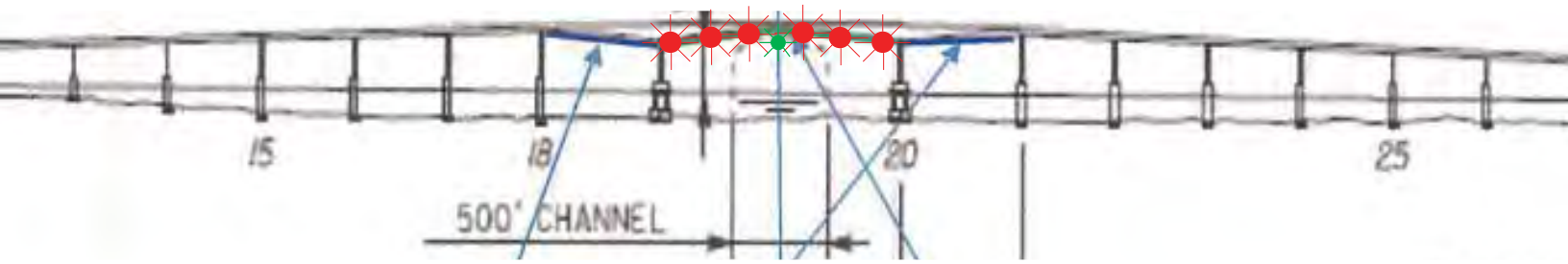


MACKWORTH GROUP, LLC
WWW.MACKWORTH-ENVIRO.COM

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

SHBRP - CCO 129 - TCP

San Mateo Hayward Bridge, mile 22.7, San Francisco Bay
Main Navigation Span Work Lighting Plan

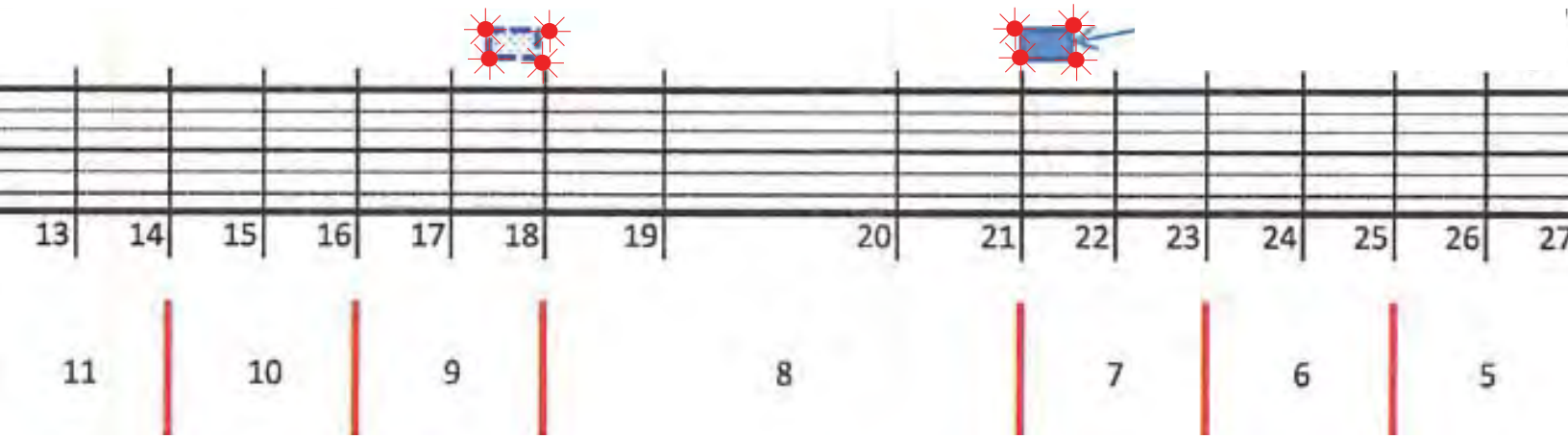


Work Platform Lighting Plan

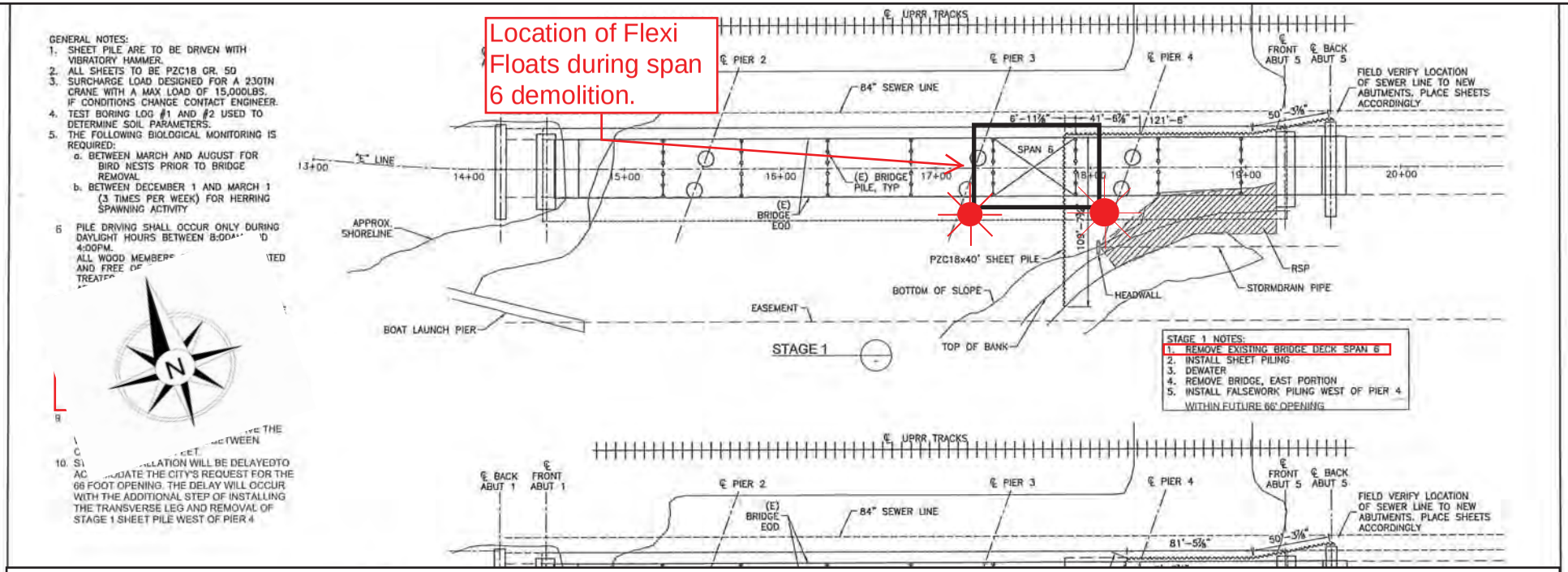
The platform beneath low steel, between piers 19-20, in the main navigation span shall be lighted at night with steady burning all-round red lights, spaced every 50 feet.

Barge Lighting Plan

Each corner of each barge shall be lighted at night with steady burning all-round red lights



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



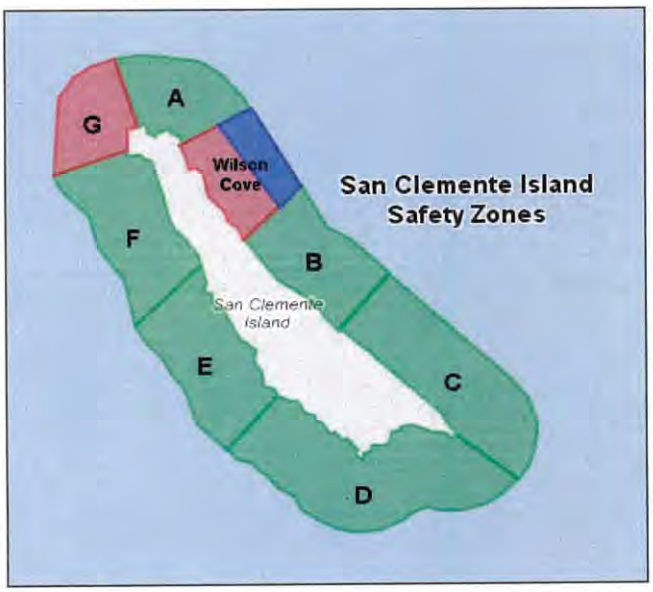
City of Oakland Contractor intends to use 3 to 4, 3 foot X 7.5 foot X 30 foot, flexi-float barges during the demolition of the eastern pier of the existing Embarcadero Rd Bridge. The downstream corners of each flexi-float barge shall be lighted at night with steady all-round red lights.

Maritime Safety and Security Bulletin: 02-16

Effective Date: October 3, 2016

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

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



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

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

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

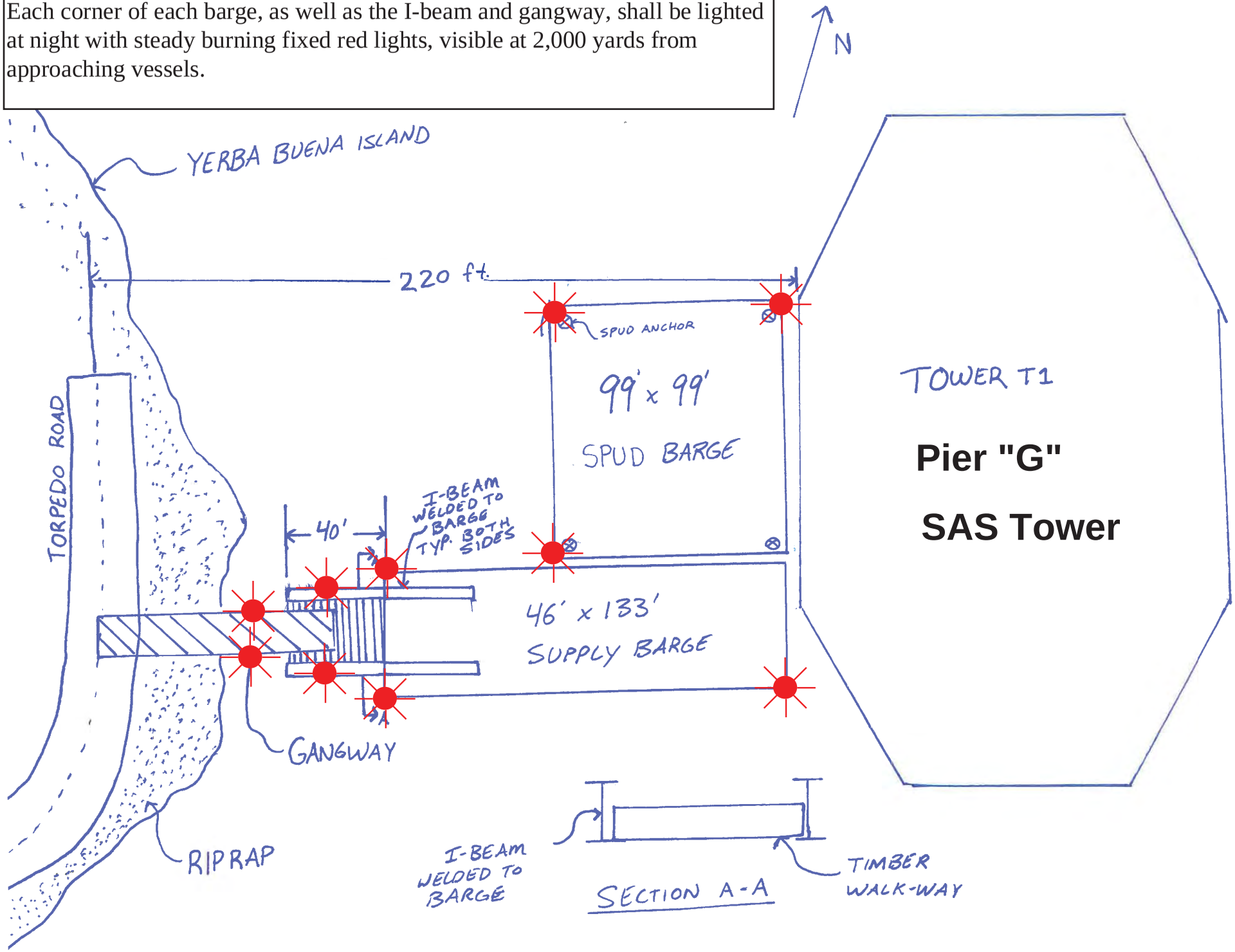
If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11MarineEventsSD@uscg.mil.

Sincerely,

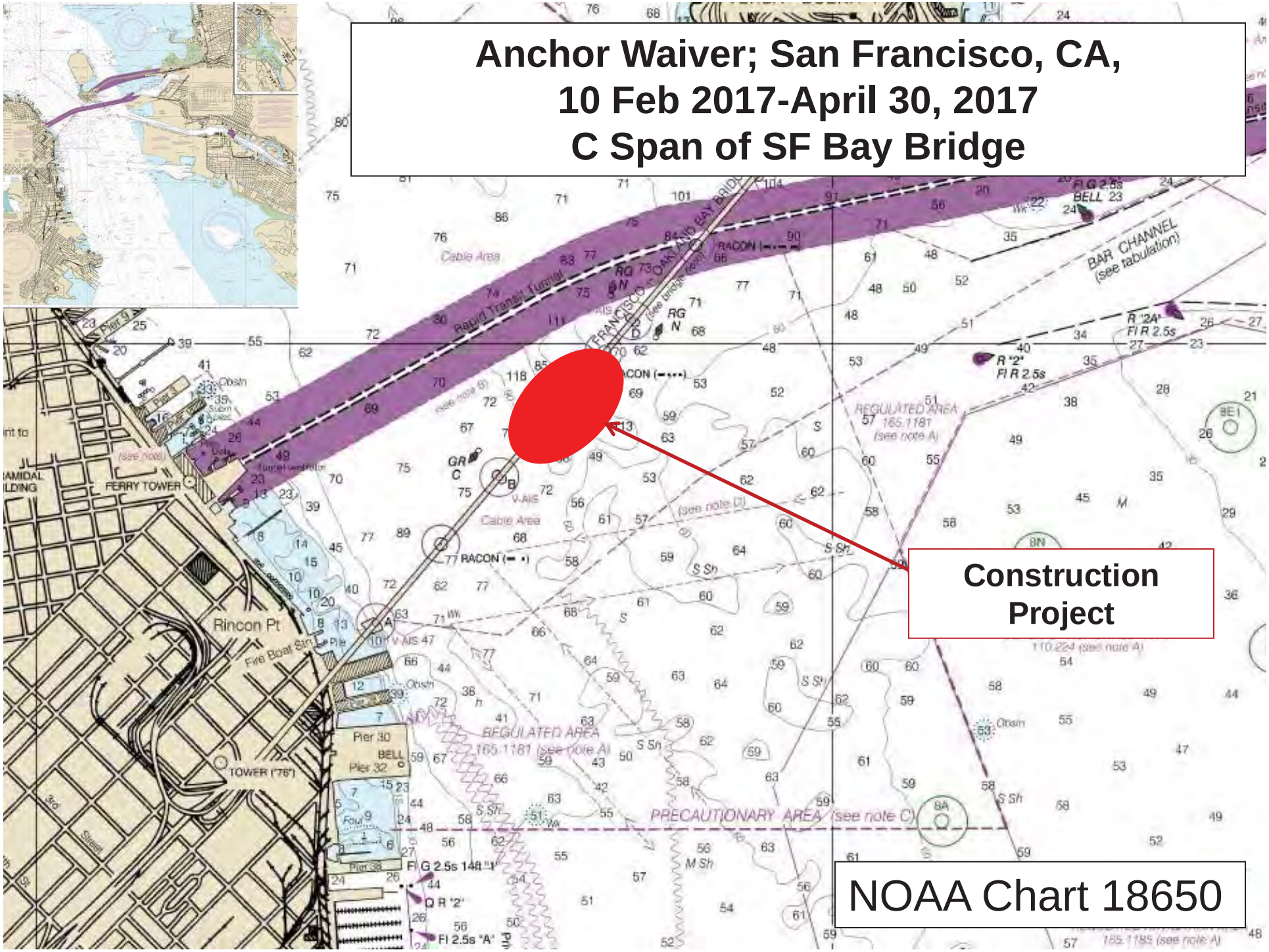
J. R. BUZZELLA
Captain, U. S. Coast Guard
Captain of the Port San Diego

SFOBB Pier G (T1) Grout Repair

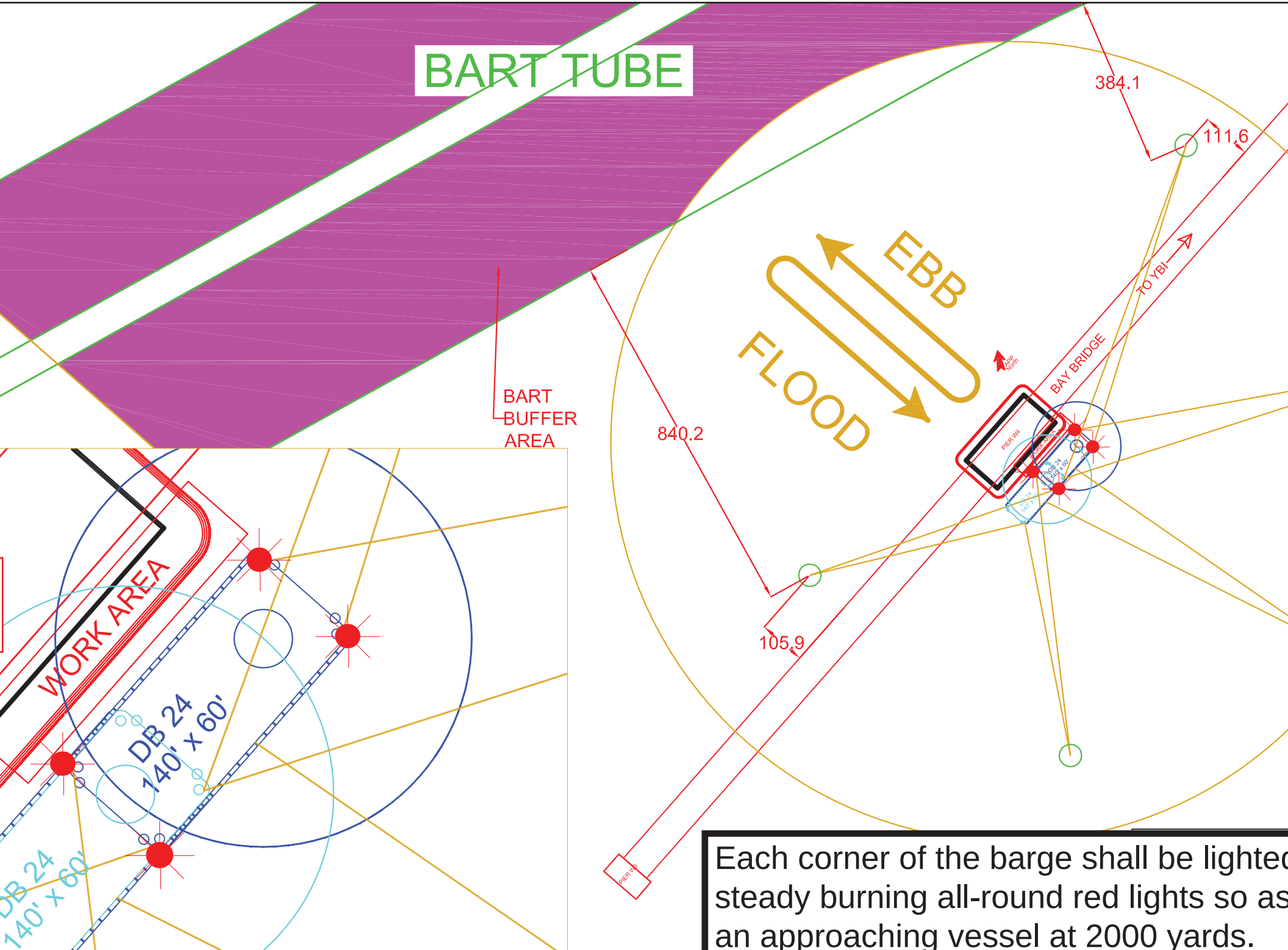
Each corner of each barge, as well as the I-beam and gangway, shall be lighted at night with steady burning fixed red lights, visible at 2,000 yards from approaching vessels.



Anchor Waiver; San Francisco, CA, 10 Feb 2017-April 30, 2017 C Span of SF Bay Bridge



Barge Lighting Diagram



Each corner of the barge shall be lighted
steady burning all-round red lights so as
an approaching vessel at 2000 yards.

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

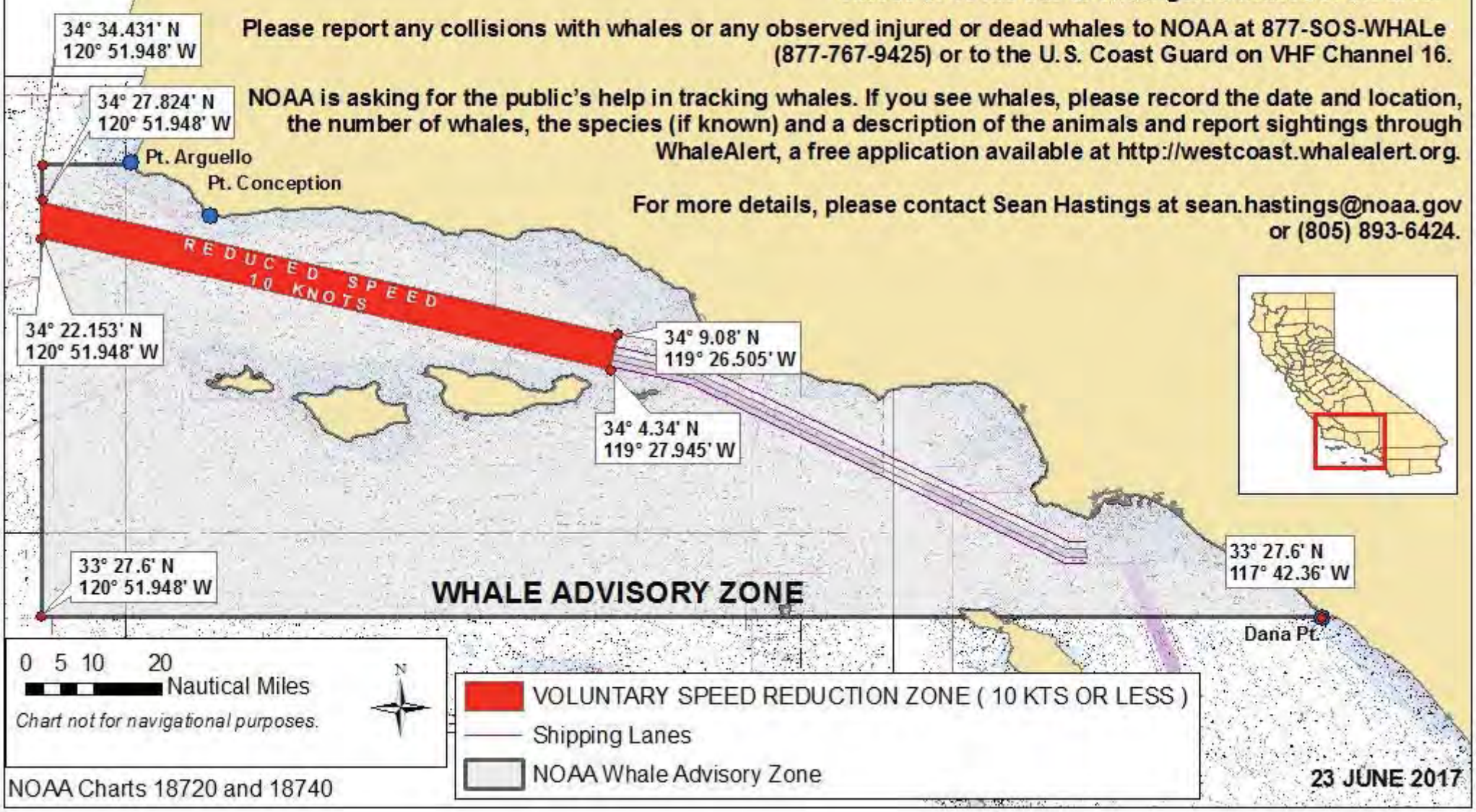
Vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from June through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales that are federally 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.).

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel Traffic Separation Scheme between Point Arguello and the eastern end of Santa Cruz Island do so at speeds not in excess of 10 kts due to endangered whales in the area.

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.

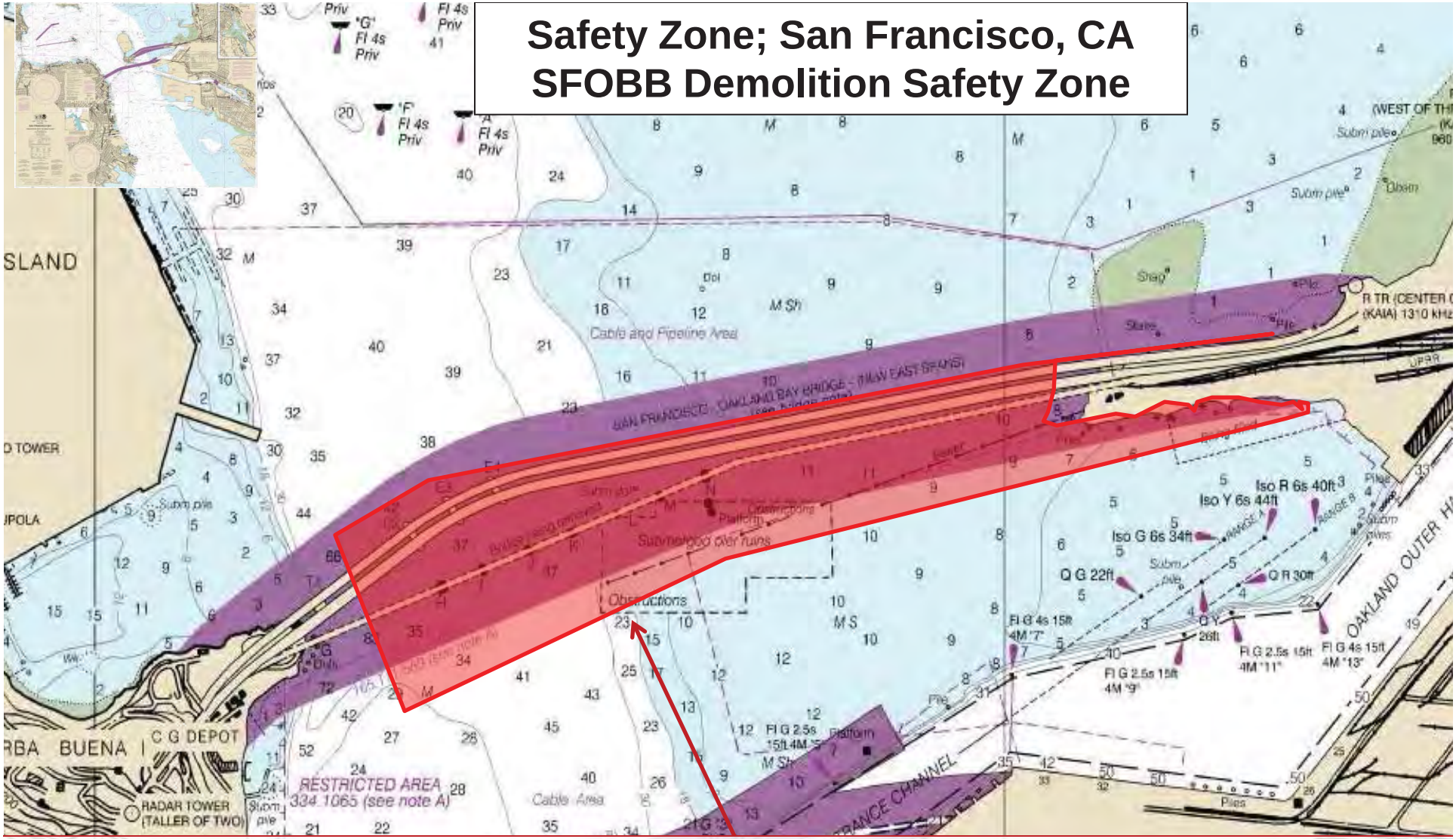
NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

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



NOAA Charts 18720 and 18740

Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone



South Border:1000 feet south of the old SFOBB extending to Oakland shore line,
West Border:500 feet west of Pier H,
North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line
21 August 2015 – 31 December 2017

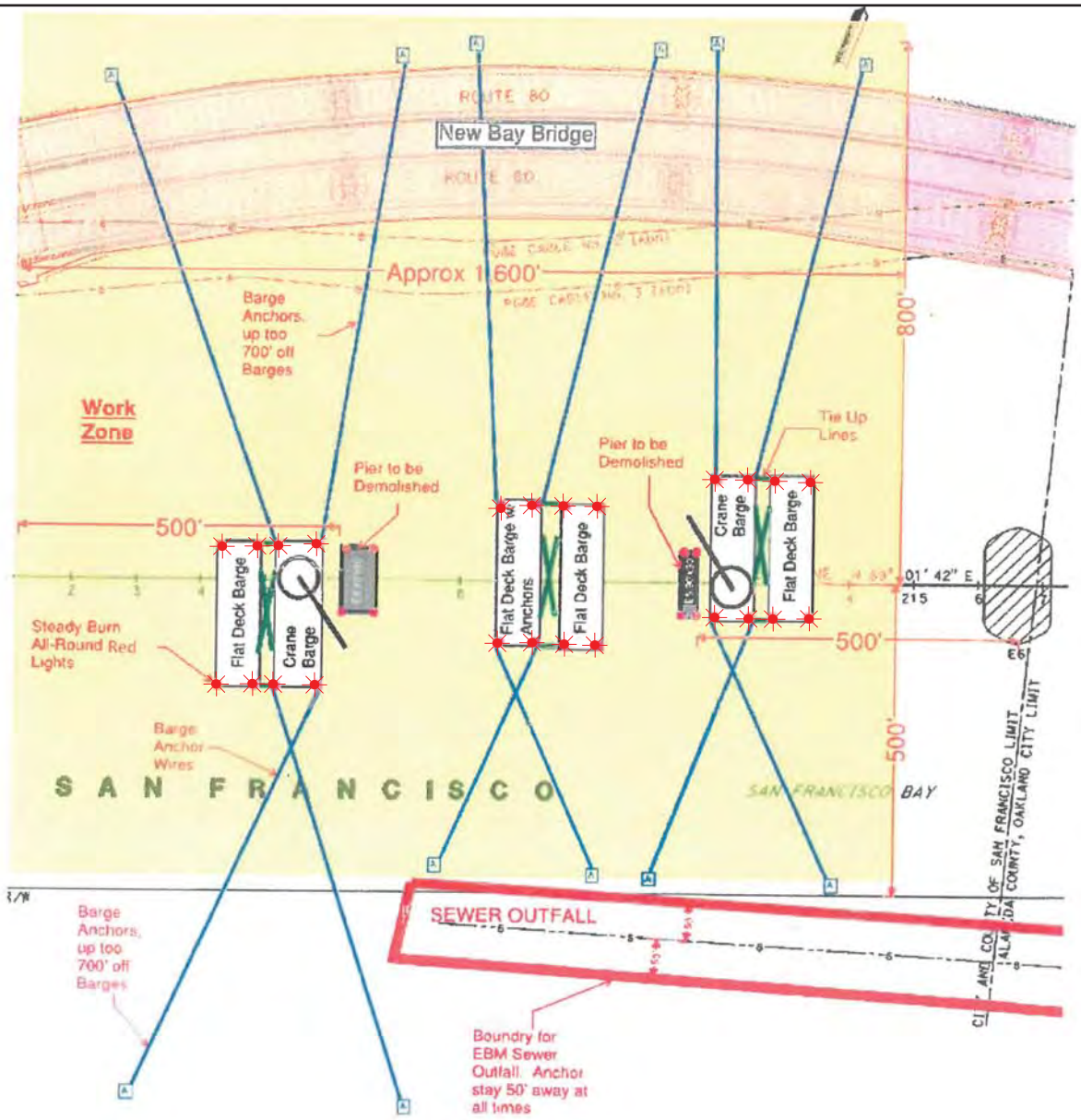
NOAA Chart 18650

Typical Barge Lighting/Anchor Diagram

E6-E18 Pier Removal

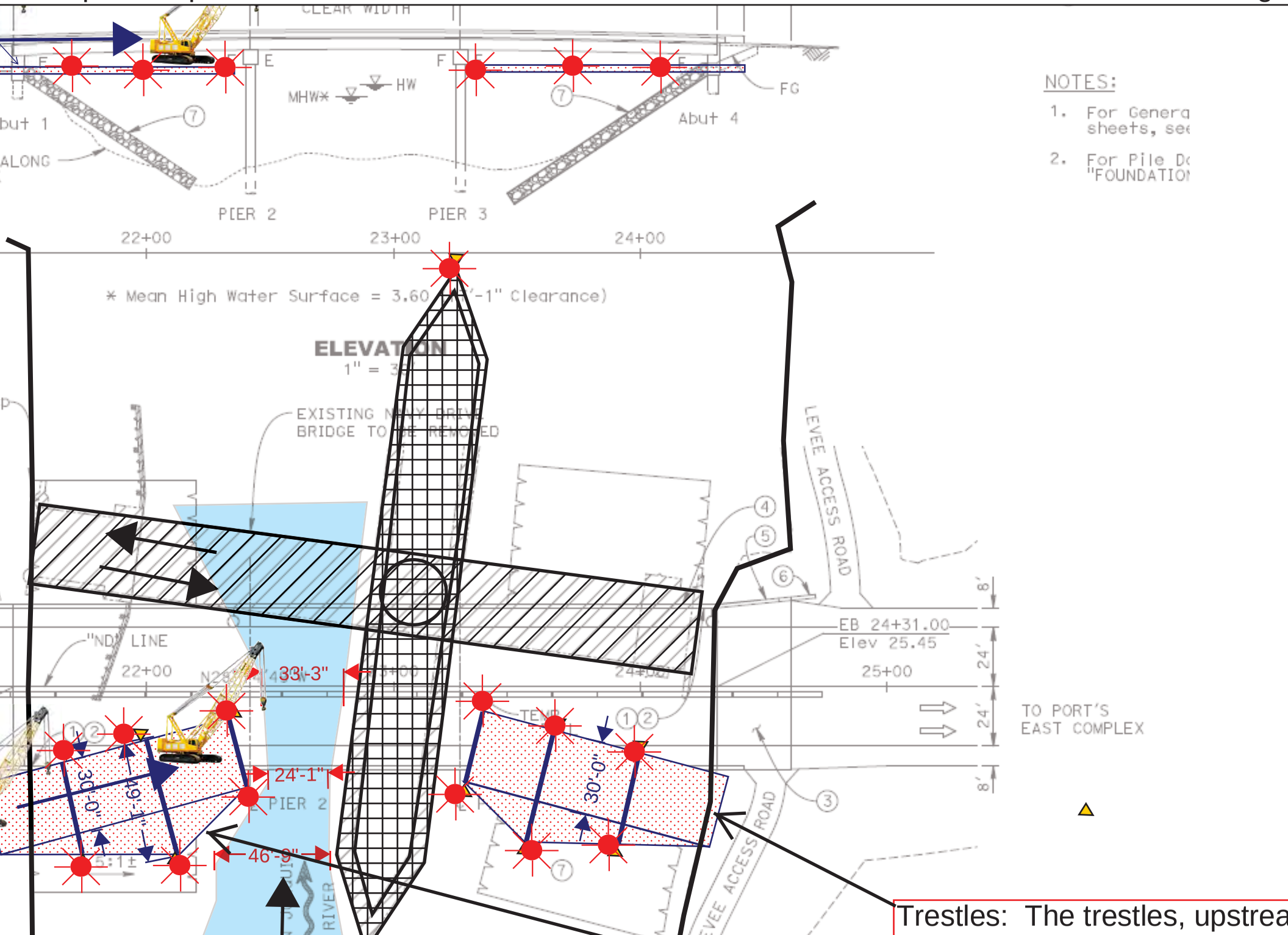
Replaced Eastern Span San Francisco/Oakland Bay Bridge, Mile 8.9, San Francisco Bay

Each corner of each barge will be lighted at night with steady burning red lights seen at a distance of 2000 yards by approaching vessels.
Barge anchor lines extend approximately 700 feet from each corner of each barge.



Barge Dimensions:
DB Oakland 140' x 70'
DB Vancouver 210' x 60'
DB Hagar 150' x 60'
Flat Deck Barges 200' x 60'

ation span will provide 24 feet of horizontal clearance and 14 feet of vertical clearance at Mean High



NOTES:

1. For Genera
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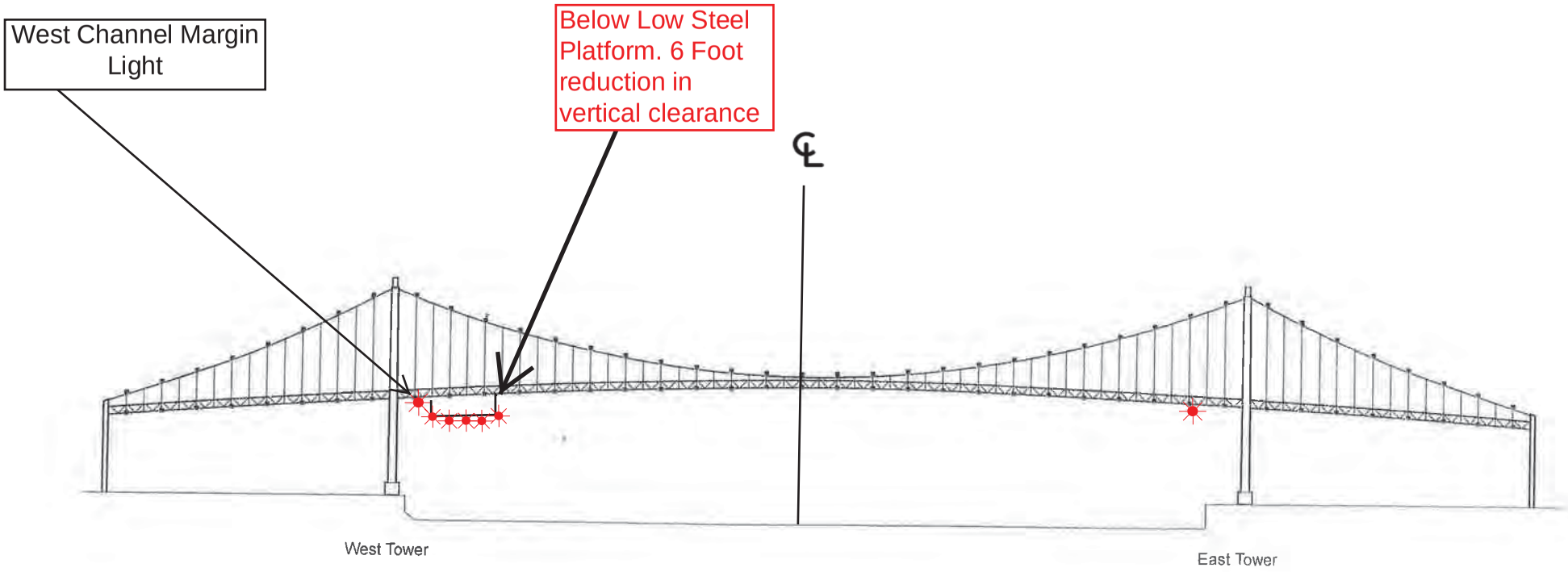
Trestles: The trestles, upstrea

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



A 100 foot long under deck temporary platform will reduce vertical clearance by 6 feet. Each corner and every 20 feet along the the upstream and downstream side of the platform will lighted at night with steady burning red lights visible at 2000 yards by approaching vessels. In a duration of 1-year the platform will progress from the western channel margin light to 100' west of the centerline of the bridge.

Rio Vista Drawbridge, mile 12.8, Sacramento River

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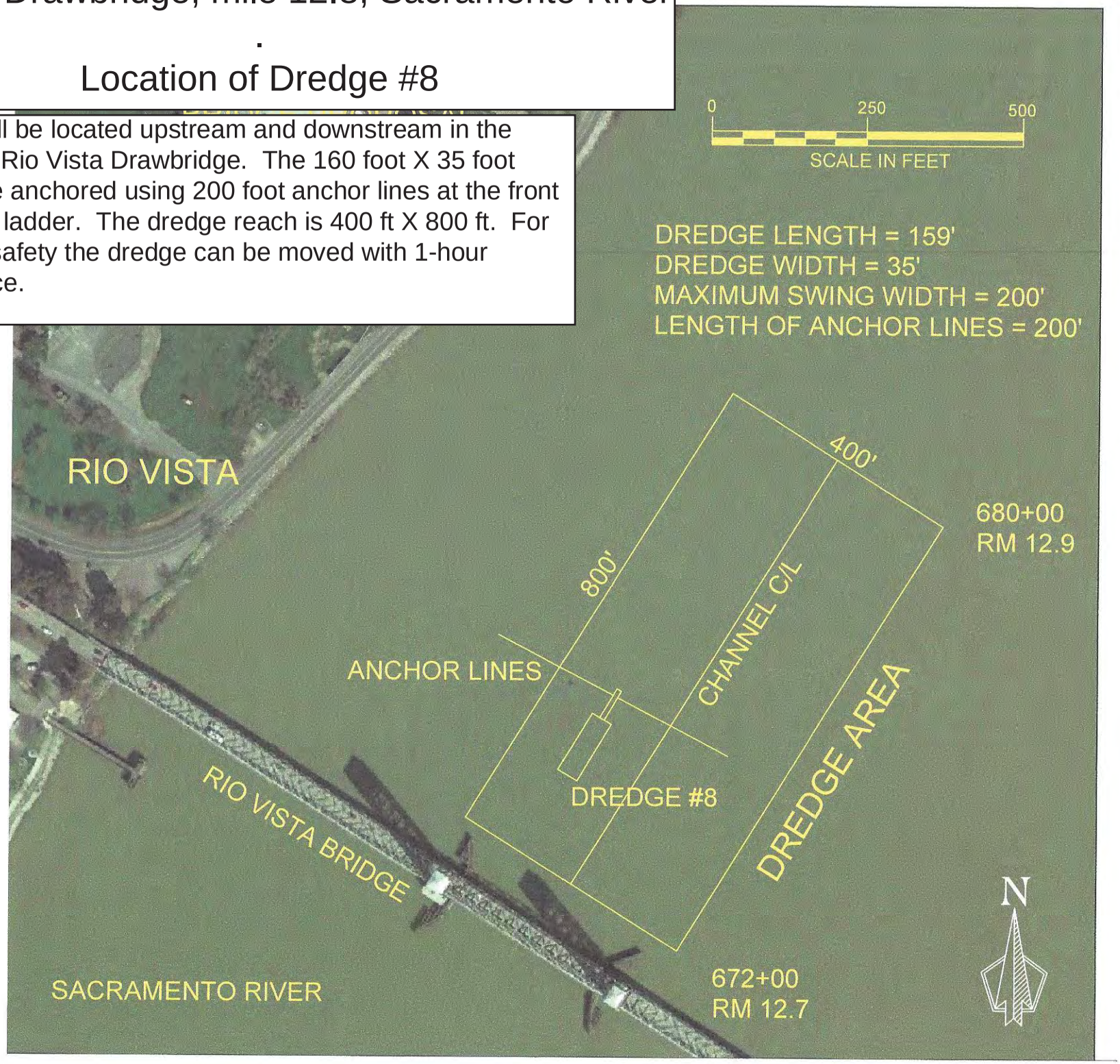
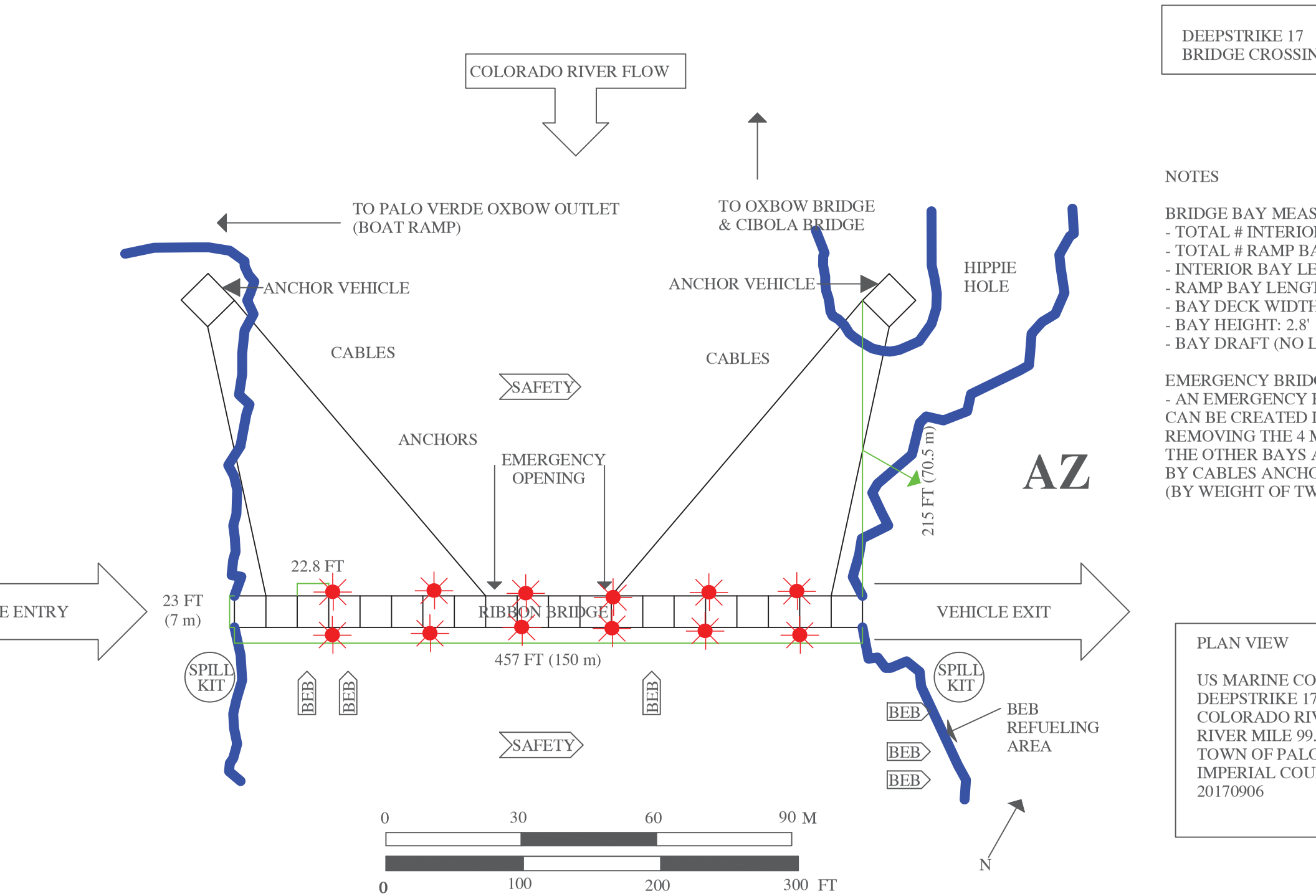
Location of Dredge #8

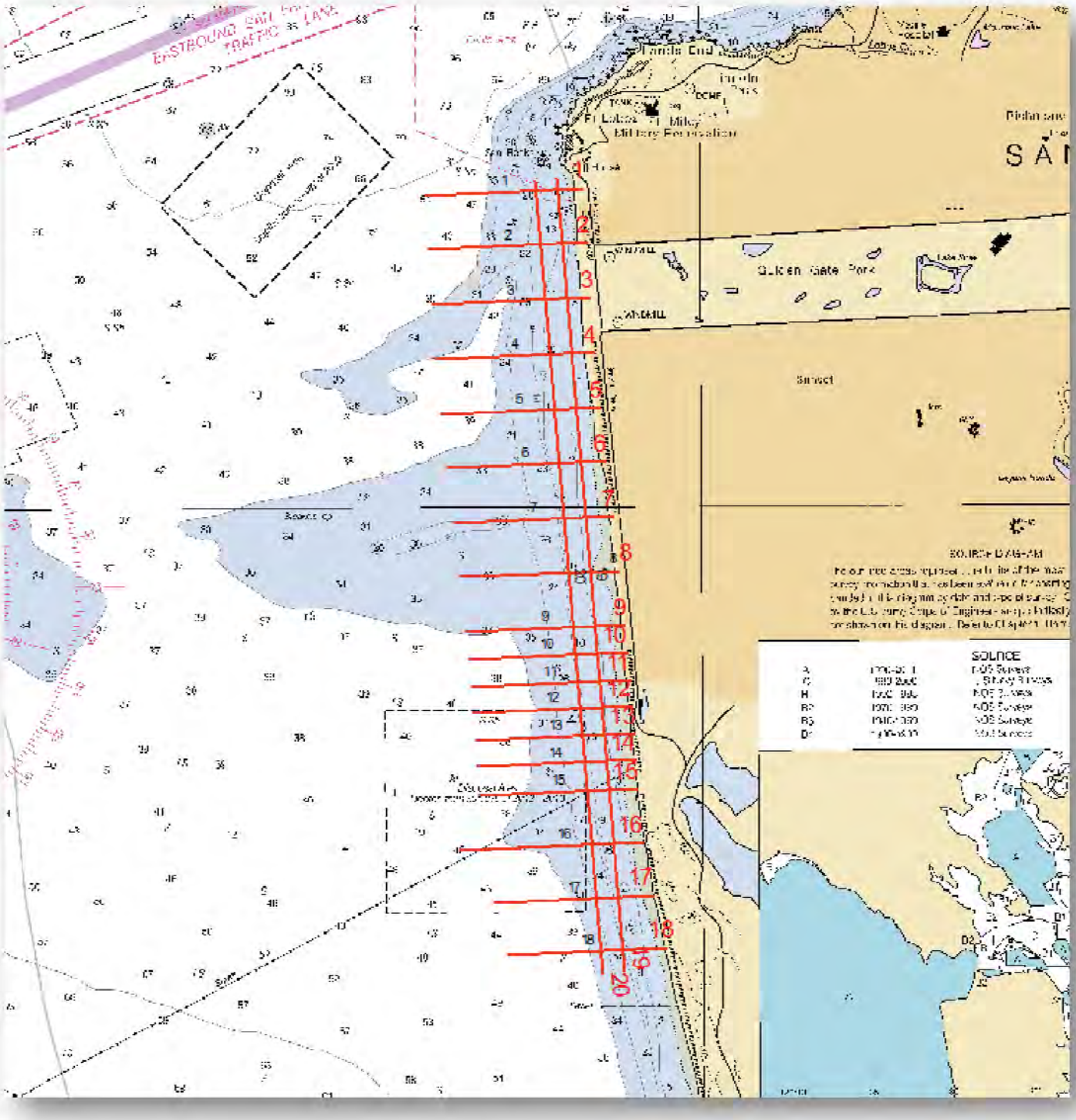
Dredge #8 will be located upstream and downstream in the vicinity of the Rio Vista Drawbridge. The 160 foot X 35 foot dredge will be anchored using 200 foot anchor lines at the front of the dredge ladder. The dredge reach is 400 ft X 800 ft. For navigational safety the dredge can be moved with 1-hour advance notice.



Bridge Lighting Diagram



pstream and downstream edges of the temporary floating bridge will b



Detail Map of Study Area