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

LOCAL NOTICE TO MARINERS

District: 11 Week: 39/17

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-0017-17, SF-0211-17, LA-0158-17, and SD-0107-17 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

SANTA BARBARA CHANNEL-TSS SPEED REDUCTION

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, 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	
5	Point Loma Light	REDUCED INT	18773	SD-0100-17	36/17	
30	Mission Bay North Jetty Light 1	TRLB	18765	SD-0005-16	05/16	
275	NOAA Environmental Lighted Buoy 46028	OFF STA	18700	SF-0194-17	36/17	
365	Mile Rocks Light	LT EXT	18649	SF-0151-17	27/17	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
525	Trinidad Head Light	REDUCED INT	18605	HB-0016-17	31/17	
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	
3010	**Long Beach Channel Approach Lighted Whistle Buoy LB**	**LT EXT**	**18749**	**LA-0158-17**	**39/17**	
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 DEST/TRLB	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/TRLB	18654	SF-0193-17	36/17	
5895	Point Pinole Light P	DAYMK DMGD	18654	SF-0123-16	26/16	
5922	Pinole Shoal Range Front Light	LT IMCH	18654	SF-0204-17	37/17	

5925	San Pablo Bay Channel Light 12	STRUCT DEST/TRLB	18654	SF-0050-17	06/17
6145	**Napa River Light 3**	**LT EXT**	**18654**	**SF-0210-17**	**39/17**
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
6733	**San Joaquin River Light 17A**	**LT EXT**	**18660**	**SF-0209-17**	**39/17**
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
4170	San Francisco Main Ship Channel Lighted Buoy 3	WATCHING PROPERLY	18649	SF-0208-17	39/17	39/17
6730	San Joaquin River Light 17	WATCHING PROPERLY	18660	SF-0189-17	35/17	39/17
8185	Humboldt Bay Lighted Bell Buoy 7	WATCHING PROPERLY	18622	HB-0017-17	38/17	39/17

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
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
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

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

(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.

18661 **30th Ed.** **01-MAR-09** **Last LNM: 12/12** **NAD 83** **39/17**

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	Bridge Construction; Chart No. 1: D.d, with magenta screen extending 500 feet from bridge (NOS NW-26548)	NOS 37-56-49.300N	121-20-20.100W
ADD	bridge note; CAUTION - Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution. (NOS NW-26548)	NOS 37-52-22.800N	121-24-53.300W

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

DELETE	Fixed Bridge Label; FIXED BRIDGE HOR CL 100 FT VERT CL AT HW 15 FT LW 19 FT (NOS NW-26548)	NOS 37-56-41.000N	121-20-14.400W
CHANGE	Bridge Construction; Chart No. 1: D.d, with magenta screen extending 500 feet from bridge (NOS NW-26548)	NOS 37-56-48.800N	121-20-19.800W
ADD	Bridge Construction Label; Bridge under construction (NOS NW-26548)	NOS 37-56-42.000N	121-20-15.000W
ADD	bridge note; CAUTION - Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution. (NOS NW-26548)	NOS 37-57-21.900N	121-23-55.400W

18663 **6th Ed.** **01-APR-06** **Last LNM: 12/12** **NAD 83** **39/17**

ChartTitle: **San Joaquin River Stockton Deep Water Channel Medford Island to Stockton**

Main Panel 1945 SAN JOAQUIN RIVER MEDFORD ISLAND TO STOCKTON. Page/Side: N/A

DELETE	Fixed Bridge Label; FIXED BRIDGE HOR CL 100 FT VERT CL AT HW 15 FT LW 18 FT (NOS NW-26548)	NOS 37-56-45.900N	121-20-11.900W
CHANGE	Bridge Construction; Chart No. 1: D.d, with magenta screen extending 500 feet from bridge (NOS NW-26548)	NOS 37-56-48.800N	121-20-19.800W
ADD	Bridge Construction Label; Bridge under construction (NOS NW-26548)	NOS 37-56-45.900N	121-20-11.900W
ADD	bridge note; CAUTION - Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution. (NOS NW-26548)	NOS 37-56-44.600N	121-21-20.000W

18749 **44th Ed.** **01-OCT-15** **Last LNM: 21/09** **NAD 83** **39/17**

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

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

ADD	Sunken vessel Chart No. 1 symbol K 24	CGD11 33-43-30.120N	118-05-55.200W

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

ADD	Sunken vessel Chart No. 1 symbol K 24	CGD11 33-43-30.120N	118-05-55.200W

18773 **43rd Ed.** **01-MAY-12** **Last LNM: 02/12** **NAD 83** **39/17**

ChartTitle: **San Diego Bay**

Main Panel 1920 SAN DIEGO BAY. Page/Side: N/A

CHANGE	Sounding in Feet; 37 (NOS NW-26545)	NOS 32-39-52.350N	117-07-26.090W

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. Date of implementation of this change will be published once scheduled. Direct any questions to LT Amber Napralla at 510-437-3801 or Amber.L.Napralla@uscg.mil

Charts: 18020 18022 18740 18746 LNM: 34/15

NEWPORT BAY - PROPOSED ATON DISCONTINUANCE

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

Chart 18754 LNM: 31/17

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

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

None

SECTION VII - GENERAL

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

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, until 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

ARIZONA-PARKER-MARINE EVENT

The International Water Ski Racing Association will sponsor the U.S. Open Water Ski Racing Nationals weekend event in Havasu Springs Resort Parker, AZ from 0800-1600, 07-08 Oct 17. Mariners are requested to transit the area with caution. For more details or comments contact the event sponsor, Dusty Schulz at 818-439-0592.

LNM: 39/17

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

CARLSBAD-GEOPHYSICAL SURVEY

Etrac Inc. will conduct a geophysical survey offshore Carlsbad, CA in the vicinity of 33-08-01N 117-21-50W until 30 Sep 17. Operations consist of a commercial survey boat approximately 30 feet in length, a 3D multi-beam sonar system, and commercial grade differential GPS with sub-meter accuracy or better. M/V TIKAANI will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact the project manager Nick George at 415-462-0421.

Chart 18774 LNM: 39/17

CARQUINEZ STRAIT-BRIDGE

1958 1-80 HIGHWAY BRIDGE-Maintenance travelers will reduce the vertical clearance of the bridge by 7 ft, 0800 to 1400, Monday through Thursday, 09 Oct 17 through 09 Nov 17. The travelers can be moved for navigational safety with 2.5 hours advance notice. During periods of low visibility, the bottom 4 corners of the platform will be lighted with steady burning red lights. For conditions at the bridge and the location of the platform, mariners can contact the “I-80 Carquinez Bridge Maintenance Platform” on VHF-FM CH 16, 13, 14 or via telephone at (510) 230-3869, (510) 543-3037, (510) 715-6997, or (951) 318-8602. For further information contact the Coast Guard Bridge Office at (510) 437-3516.

Chart 18656 LNM: 35/17

CHANNEL ISLANDS-HYDROGRAPHIC SURVEY

NOAA ship RAINIER will be conducting a hydrographic survey in the areas surrounding San Miguel and Santa Rosa Islands within the Channel Islands National Marine Sanctuary until 10 Nov 17. RAINIER is a 231' white hulled vessel, and deploys 28' hydrographic survey launches and 19' skiffs for inshore work. Request that no vessel come within 500 yards during surveying operations due to being restricted in ability to maneuver. RAINIER and small boats will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact CDR Benjamin Evans at 541-272-9430.

Charts: 18720 18727 18728 18729 LNM: 39/17

DELTA & RIVERS-NAPA RIVER-BRIDGE

MARE ISLAND DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0800-1130 on 08 Oct 17, to allow community participation in the Waterfront Weekend Triathlon event. In the event of an emergency, the drawspan can be open normally. The bridge

DELTA & RIVERS-NAPA RIVER-BRIDGE

provides 13ft vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18655 LNM: 38/17

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0900-1100 on 01 Oct 17, and from 0700-1000 on 07 Oct 17, to allow community participation in the JDRF One Walk event and the Sacramento Century Challenge, respectively. In the event of an emergency, the drawspan can be open with one hour advance notice. The bridge provides 30ft vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Project Manager at 510-437-3461.

Chart 18662 LNM: 37/17

DELTA & RIVERS-SACRAMENTO RIVER-HYDROGRAPHIC SURVEY

San Diego State University will be conducting a hydrographic survey of the Sacramento and San Joaquin Delta in the vicinity of 38-02-38N 121-50-01W between 0600-1900 until 09 Oct 17. The operations will include towed side scan sonar and towed sub-bottom chirp sonar by a 20ft pontoon boat. Mariners are requested to transit the area with caution. For more details or comments contact Shannon Klotsko at 703-944-5976.

Charts: 18656 18661 LNM: 39/17

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

I-5 STOCKTON VIADUCT TWIN BRIDGES- A 2ft-wide platform will be placed below the steel of the bridge, at various locations, to facilitate structural maintenance and repairs from 16-27 Oct 17. The platform will reduce vertical clearance by 4ft. The upstream and downstream bottom corners of the platform will be lighted at night with steady burning red lights. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 36/17

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 until 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-SAN JOAQUIN RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct dredging operations in Stockton Deep Water Ship Channel from 01-07 Oct 17. The submerged dredge pipe will come ashore at 38-01-01N 121-47-53W. Vessel DREDGE 8 will be dredging in the vicinity of West Island 38-01-18N 121-48-30W 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 18659 LNM: 39/17

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

FORT BRAGG-BUOY DEPLOYMENT

Integral Consulting Inc. will deploy one yellow spherical Wave-Rider buoy marked with a FL Y 2s light, offshore in the vicinity of the Fort Bragg at 39-22-04.8N, 123-54-36.0W from 28 Sep 17 and will be removed on 28 Sep 18. The buoy has a watch circle diameter of 500 m. Mariners are requested to transit the area with caution. For more details or comments contact Levi Kilcher at 303-384-7192.

Chart 18626 LNM: 39/17

HUMBOLDT BAY-DREDGING

Mercer Fraser Company is conducting dredging operations in Humboldt Harbor until 15 Oct 17. Dredge LOS CERRITOS will be dredging the inner

HUMBOLDT BAY-DREDGING

harbor of USCG Station Humboldt Bay 40-46-00N 124-13-00W. Disposal will be at the designated offshore Humboldt Open Ocean Disposal Site (HOODS) using tender tug AJAX. Mariners are requested to transit the area with caution. Tug AJAX will be monitoring VHF-FM Chan. 13, 14, and 82. For more details or comments contact Leroy Zerlang at 707-498-4618.

Chart 18622 LNM: 36/17

HUMBOLDT BAY-DREDGING

Mercer Fraser Company is conducting dredging operations in the City of Eureka Boat Basin until 15 Oct 17. Dredge LOS CERRITOS will be dredging and disposal will be at the designated offshore Humboldt Open Ocean Disposal Site (HOODS) using tender tug AJAX. Mariners are requested to transit the area with caution. Tug AJAX will be monitoring VHF-FM Chan. 13, 14, and 82. For more details or comments contact Leroy Zerlang at 707-498-4618.

Chart 18622 LNM: 38/17

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

LA JOLLA-UNDERSEA OPERATIONS

The Space and Naval Warfare Systems Center (SPAWAR) Pacific will be conducting surface and undersea operations off the coast of La Jolla, CA until 29 Sep 17 within the following positions:

32-51-57N 117-22-30W
32-48-39N 117-22-30W
32-48-39N 117-30-32W
32-51-57N 117-30-32W

Rigid Hull Inflatable Boat 0804 will be on scene monitoring VHF-FM Chan. 16 and 81A. Mariners are requested to transit the area with caution and maintain a minimum safe distance of 1nm from the undersea operation site due to risk of entanglement. For more details or comments contact Michael Koppi at 619-341-2497.

Chart 18765 LNM: 35/17

LAKE HAVASU-MARINE EVENT

Offshore Racing Organization will sponsor a high speed boat racing marine event on Lake Havasu, AZ involving 30 powerboats from 29 Sep 17 until 10 Oct 17 0800-1800. The event will involve boats racing throughout Lake Havasu from Thompson Bay to California Bay. Mariners are requested to transit the area with caution. For more details or comments contact Todd Taylor at 928-230-1769.

LNM: 39/17

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

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

Chart 18744 LNM: 17/17

MARINE EVENT-LAKE HAVASU

International Jet Sports Boating Association will sponsor a personal watercraft racing marine event involving 400 craft on Lake Havasu, AZ from 30 Sep 17 until 08 Oct 17 0600-1800. Mariners are requested to transit the area with caution. For more details or comments contact Scott Frazier at 650-796-8676.

LNM: 39/17

MONTEREY BAY-CAPITOLA-FIREWORKS DISPLAY

The Monte Foundation will sponsor a pyrotechnics display from the Capitola Pier at 36-58-10N 121-57-12W from 2000 to 2030 on 08 Oct 17. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18685 LNM: 37/17

MONTEREY BAY-WATER QUALITY SURVEY

Kinnetic Laboratories in conjunction with Central Coast Long-term Environmental Assessment Network (CCLEAN) has deployed two water-quality samplers in Monterey Bay at 36-53-20N 121-55-30W and 36-42-40N 121-54-40W until 30 Oct 17. The samplers are 1 meter below the surface and are marked by white buoys, with two horizontal orange stripes, with a warning label, and Fl Y 15min. Mariners are requested to transit the area with caution and remain 400ft away from the buoys. For more details or comments contact Greg Cotten at 831-239-6192 or Jon Toal at 831-457-3950.

Chart 18685 LNM: 36/17

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

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 21 Dec 17. Vehicles will be deployed in the vicinity of Moss Landing and operate continuously between latitudes 35-07-14N and 37-12-00N and will extend shoreward from as far West as 122-58-35W. Operations consist of scientific ocean data collection. The Waveglider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from MBARI, moving at speeds of ~1kt, and designed to give way or part if encountered by a vessel. It is approximately 6.5' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700, waveglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Chart 18685 LNM: 39/17

NAPA-RIVER PARK MARINA-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the City of Napa, River Park Marina at 38-16-43N 122-17-03W until 01 Nov 17. Dredged material will be disposed of at the SF-09. Clamshell dredge DB 3, tugs SARAH REED and SEA W 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 18654 LNM: 39/17

NORTHERN CALIFORNIA-CORDELL BANK NATIONAL SANCTUARY

NOAA will be deploying a submerged passive acoustic listening buoy in position 37-52-50N 123-26-07W at a depth of 500 meters, with the top of the mooring being 400 meters below the surface from 30 Sep- 04 Oct 17. R/V FULMAR will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Danielle Lipski 415-464-5264.

Charts: 18010 18640 LNM: 38/17

NORTHERN CALIFORNIA-MONTEREY-DREDGING

The City of Monterey will be sponsoring dredge operations in Monterey Marina 36-36-12N 121-53-27W until 31 Jan 18. Hours of operation will be from 0700-1700, Mon-Thu. The 43 x 19ft dredge platform TENACITY will be on site monitoring VHF-FM Chan. 73. Mariners are requested to transit the area with caution. For more details or comments contact City of Monterey Harbor Master at 831-646-3950.

Chart 18685 LNM: 39/17

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

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

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.

GERALD DESMOND BRIDGE REPLACEMENT PROJECT - A 160 ft X 60 ft barge will transfer equipment and materials from pier echo to the east and west shorelines approximately 130 feet north of the existing bridge, 0600 to 1730, Monday through Friday, occasionally Saturday, 01 Oct 17 through 01 May 18. The barge will be spudded and an assist tug will be on-scene at all times. Each corner of the barge will be lighted at night with steady burning red lights. Mariners can request the barge be moved for navigational safety with one hour advance notice by contacting SFI Water Traffic Coordinator at 562-240-9413 or by VHF-FM Chan. 16 and 74. When not actively engaged in transfer operations, the barge will be moored at pier echo. (For typical barge mooring and lighting see Barge_Lighting_GeraldDesmond.pdf at the end of this notice.) For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 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 $90,063.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 41/16

SAN DIEGO 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' x 100' 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 contact 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 has been replaced with a Mariner Radio Activated Sound Signal (MRASS). 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-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 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-ENCINITAS TO DEL MAR-HYDROGRAPHIC SURVEY

Merkel & Associates will be conducting a nearshore survey along the shoreline of Encinitas to Del Mar until 14 Nov 17 in an area bound by the following coordinates:

33-05-01N 117-19-38W
32-52-17N 117-15-25W
33-05-11N 117-18-47W
32-52-15N 117-15-11W

Work will be conducted from a 22-foot Weldcraft OCEAN KING (CF 3862 UC) and will be monitoring VHF/FM Chan. 16. Mariners are requested to transit the area with caution. For more comments and details contact Keith Merkel at 858-560-5465.

Chart 18740 LNM: 36/17

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 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-MISSION BAY-BRIDGE

NORTH INGRAHAM STREET BRIDGE- During nighttime hours only until 28 Feb 18, the City of San Diego will be using a 35ft-wide mobile work platform at various locations of the bridge, as part of a pipeline replacement project. The work platform will reduce vertical clearance by 6ft, and will be marked by red lights. The work platform will be removed and not utilized during daylight hours.

Chart 18765 LNM: 36/17

SAN DIEGO-OBSTRUCTION TO NAVIGATION

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

Charts: 18765 18772 18773 LNM: 18/17

SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

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

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

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

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

Charts: 18765 18772 LNM: 22/17

SAN DIEGO-SAN DIEGO BAY-DREDGE OPERATIONS

R.E. Staite Engineering, Inc. will be conducting dredge/fill operations in Northern San Diego Bay at 32-43-36.35 N, 117-10-47.76W from 02-13 Oct 17. Vessels derrick barge DB POINT LOMA, harbor tug KILLEEN, assist tug METOLA, and push boat JEANNIE R will be on scene monitoring VHF-FM

SAN DIEGO-SAN DIEGO BAY-DREDGE OPERATIONS

Chan.16. Mariners are requested to transit the area with caution. For more details or comments contact Christopher Lieder at 619-980-4558.

Chart 18773 LNM: 39/17

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 DIEGO-SAN DIEGO BAY-US NAVAL BASE POINT LOMA-DOCKING OPERATIONS

The U.S. Navy will be conducting docking operations in the vicinity of San Diego Bay at 32-41-17N 117-14-02W from 0410-0810 on 28 Sep 17. ARCO will be on scene monitoring VHF-FM Chan 14. Mariners are requested to observe a 700YD no-wake zone when transiting the area. For more details or comments contact Commander Submarine Squadron Eleven Command Duty Officer at 619-571-5136.

Chart 18773 LNM: 39/17

SAN DIEGO-US NAVAL BASE POINT LOMA-DOCKING OPERATIONS

The U.S. Navy will be conducting docking operations in San Diego Bay at 32-41-17N 117-14-02W from 0630-1030 on 03 Oct 17. ARCO will be on scene monitoring VHF-FM Chan 14. Mariners are requested to observe a 700YD no-wake zone when transiting the area. For more details or comments contact Commander Submarine Squadron Eleven Command Duty Officer at 619-571-5136.

Chart 18773 LNM: 39/17

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-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-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of San Francisco, Pier 35 at 37-48-35N 122-24-19W until 29 Oct 17. Dredged material will be disposed of at SF-10 or SF-11 disposal site. Clamshell dredge DB 24 along with tugs ARTHUR BRUSCO 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: 36/17

SAN FRANCISCO BAY-FIREWORKS DISPLAY

Hornblower Cruises will sponsor a pyrotechnics event involving barge conducting a pyrotechnics display near Pier 3 in San Francisco at 37-48-15N 122-23-27W from 2100-2130 on 07 Oct 17. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18650 LNM: 37/17

SAN FRANCISCO BAY-FLEET WEEK REGULATED AREAS

The Captain of the Port has designated two regulated areas in the navigable waters of San Francisco Bay for Fleet Week parade of Navy ships and Blue Angels demonstrations from 06-09 Oct 17 (See Fleet Week.pdf in the enclosure section). Coast Guard units will be enforcing the regulations in 33 CFR 100.1105 that establish regulated areas. Both regulated areas Alpha and Bravo will include all navigable waters from the surface to the seafloor encompassed by the following coordinates:

Regulated Area Alpha:
37-48-40N 122-28-38W
37-49-10N 122-28-41W
37-49-31N 122-25-18W
37-49-06N 122-24-08W
37-47-53N 122-22-42W
37-46-00N 122-22-00W
37-46-00N 122-23-07W

SAN FRANCISCO BAY-FLEET WEEK REGULATED AREAS

Regulated Area Bravo:
37-48-27.5N 122-24-04W
37-49-31 N 122-24-18W
37-49-00 N 122-27-52W
37-48-19 N 122-27-40W

Regulated area Alpha for the Navy Parade of Ships will be enforced from 1030-1230, 06 Oct 17. Regulated area Bravo for the U.S. Navy Blue Angels Activities will be enforced from 1245-1800 on 05 Oct, 1100-1800 on 06 Oct and 1145-1700 on 07-08 Oct 17. Under the provisions of 33 CFR 100.1105 a vessel may not enter the regulated area, unless it receives permission from the Captain of the Port.

Additionally, no person or vessel may enter or remain within 500yds ahead of the lead Navy parade vessel, within 200yds astern of the last parade vessel, and within 200yds on either side of all parade vessels. No person or vessel shall anchor, block, loiter in, or impede the transit of ship parade participants or official patrol vessels.

Chart 18649 LNM: 37/17

SAN FRANCISCO BAY-FOSTER CITY-DREDGING

Salt River Construction is conducting dredging operations for the Foster City intake structure dredging project at 37-32-45N 122-15-10W until 30 Nov 17. The self-contained dredge/dump barge DB1, DB4, JOHNNY B, DANNY B, MIWOK CHIEF, and BRANDY BAR 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 18651 LNM: 39/17

SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE

AVAILABILITY OF PUBLIC NOTICE - The purpose of this notice is to solicit public comments on the proposed modification to the City of San Francisco's Third Street Drawbridge, mile 0.4 over Islais Creek. 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: Islais Creek, mile 0.4 (0.64 km), at the City of San Francisco, San Francisco County, California.

Public Notice (11-145), dated September 21, 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; Carl.T.Hausner@uscg.mil or by facsimile; (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 (11-145) through October 20, 2017.

Chart 18649 LNM: 38/17

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-MARINE EVENT

Water World Swim will sponsor a swimming event involving 350 participants swimming from the Alcatraz to Aquatic Park in San Francisco Bay from 0830 to 0930 on 28 Sep 13. Mariners are requested to transit the area with caution . For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649 LNM: 39/17

SAN FRANCISCO BAY-MARINE EVENT

Dolphin Swim Club will sponsor a swimming event involving 60 participants swimming from the Alcatraz to Aquatic Park in San Francisco Bay from 0830 to 1000 on 28 Sep 13. Mariners are requested to transit the area with caution . For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649 LNM: 39/17

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

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 30 Nov 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: 39/17

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-RICHMOND-DREDGING

Curtin Maritime Corp will conduct continuous dredging operations in the vicinity of Richmond Inner Harbor Channel until 30 Dec 17. Material will be transported to upland disposal site at Cullinan Ranch. Clamshell Dredge DB BEN WESTON; scows LONG PT, PT VASHON, PT BASALT and ARROW PT; along with tugs SEANA C, KELLY C and BERNARDINE C will monitor VHF-FM Chan. 13, 14, and 01. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Steve Chew at 562-666-6971 or Sam Bice at 206-550-3916.

Chart 18653 LNM: 39/17

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-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 37-48-58N 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 continues on removal of pier “E-9” and the 12 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.

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

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-REDWOOD CITY-MARINE CONSTRUCTION

Manson Construction Co. will be performing work to the fendering system of Redwood City Wharves 3 and 4 until 31 Mar 18. Derrick barge operations will utilize spuds and anchors marked with white ball buoys to support pile driving and demolition. DB ANDREW and BARGE 61 will be monitoring VHF-FM Chan. 13, 14, and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the site. For more details or comments contact Field Engineer Nicole Egli at 562-400-3309.

Chart 18651 LNM: 35/17

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

SAN PABLO BAY–CARQUINEZ STRAIT

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

Charts: 18654 18655 LNM: 38/17

SANTA CRUZ-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

SOUTHERN CALIFORNIA-CARDIFF-SAN ELIJO

Ecosystems Management Associates Inc. will be conducting a geophysical survey off of Cardiff at the mouth of the San Elijo Lagoon in the vicinity of 33-00-56N 117-17-00W until 04 Oct 17. The operations will include a bathymetric survey using a Kongsberg EM3002 dual multi-beam sonar. Mariners are requested to transit the area with caution. For more details or comments contact Ryan Switzer at 619-987-8227.

Chart 18774 LNM: 39/17

SOUTHERN CALIFORNIA-MORRO BAY

Associated Pacific Constructors is conducting underwater operations in support of the Dynegy Morro Bay tanker berth pipeline for maintenance until 20 Oct 17 in position 35-22-01N 120-52-41W. M/V SURVEYOR will be moored using a three-point mooring configuration. Three anchors will be marked by orange or red plastic buoys which form a safety zone to which vessels are requested to maintain a minimum safe distance of 500 ft. The vessel will monitor VHF-FM Chan. 16. All Mariners are requested to transit the surrounding area with caution. For more details or comments contact Mark Steffy at 805-649-9364.

Chart 18703 LNM: 38/17

SOUTHERN CALIFORNIA-PORT OF LONG BEACH

John S. Meek Company will be installing a new concrete floating dock at Pier D, berth D-48, Port of Long Beach in position 33-46-13N 118-12-46W from 25 Sep 17 until 31 Mar 18. Mariners are requested to transit the area with caution. For more details or comments contact Chad Goodwin at 310-505-3903.

Chart 18751 LNM: 38/17

SOUTHERN CALIFORNIA-PT BUCHON TO PT ARGUELLO-OCEANOGRAPHIC SURVEY

Multiple institutions will be conducting surface and subsurface experiments between 35-11-51N and 34-39-17N and extend seaward to 122-48-05W until 03 Nov 17. Scientific ocean data collection moorings will be deployed in between depths of 15FT– 375FT and will have a 14in sphere or radar reflectors to increase visibility. Mariners are requested to transit the area with caution. For more details or comments contact Jamie MacMahan at 831-588-8727.

Chart 18720

SOUTHERN CALIFORNIA-PT BUCHON TO PT ARGUELLO-OCEANOGRAPHIC SURVEY

LNM: 35/17

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-MILITARY AIRCRAFT OPERATIONS

Military aircraft operations near San Clemente Island are encountering safety concerns with regards to vessels in the vicinity engaging in flying kites. All vessels shall follow 14 CFR 101 which outlines safety distances, reporting, and safety requirements. The regulations can be found at www.scisland.org. Mariners are requested to transit the area with caution. For more details or comments contact Nomer Oytas at nomer.oytas1.ctr@navy.mil.

Charts: 18762 18763

LNM: 35/17

SOUTHERN CALIFORNIA-SANTA BARBARA- GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey near the Santa Barbara Channel until 30 Mar 18 in an area bound by the following coordinates:

34-04-52N 119-03-51W
34-04-52N 119-55-15W
34-25-44N 119-03-51W
34-25-44N 119-55-15W

The Operations will include a echo sounder towed by personal watercrafts monitoring VHF-FM Chan. 16 and 82A. For more details or comments contact Jenny White at 831-460-7485.

Chart 18720

LNM: 35/17

SOUTHERN CALIFORNIA-SANTA BARBARA-EL ESTERO TREATMENT PLANT

City of Santa Barbara is replacing a 4ft concrete disk shaped bulkhead at the terminus of the El Estero Wastewater Treatment plant outfall at 34-23-31N 119-40-30W until 28 Sep 17. M/V C-FOREST will be engaged in diving operations and monitoring VHF-FM Chan. 16 and 68. Mariners are requested to minimize wake and transit the area with caution. For more details or comments contact Brian Huber at 714-724-6209 or Colin Martorana at 805-560-7581.

Chart 18725

LNM: 37/17

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	
297	*NOAA Environmental Lighted Buoy 46042*	36-47-04.782N 122-23-53.840W *	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.	39/17

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-FLEET WEEK REGULATED AREAS

Fleet Week.pdf

See link above.

LNM: 38/17

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

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

CONCORD-MARITIME PRACTICE DEMONSTRATION

MOTCO.pdf
See link above.
Chart 18656

LNM: 38/17

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

LNM: 29/17

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 BAY-SAN MATEO/HAYWARD BRIDGE

SanMateo_LightingPlan.pdf
See link above for barge location and lighting diagram

LNM: 11/16

SAN FRANCISCO-GEOPHYSICAL SURVEY

geophysical survey.pdf
See link above.

LNM: 16/17

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

C. T. Hausner
U.S. Coast Guard
Acting Chief Waterways Management Branch

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

BRIDGE NAME_____ DATE _____

MILE _____ WATERWAY _____

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

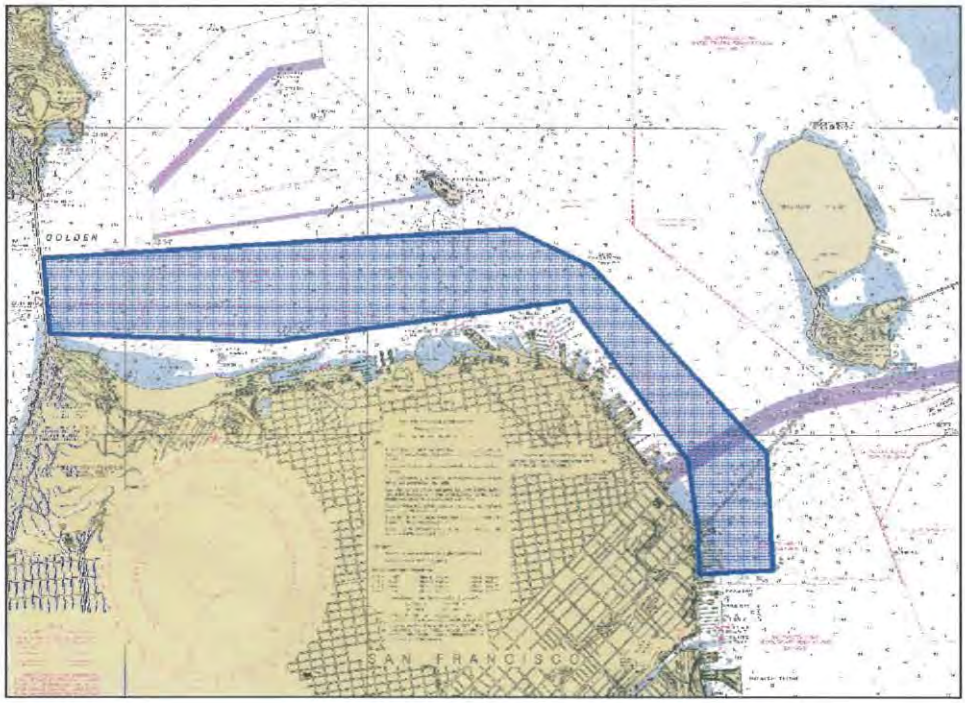
USCG D11(dpw) Bridge Administration
Building 50-2
Coast Guard Island
Alameda, CA 94501-5100
Cellular: (510) 219-4366, Work Phone: (510) 437-3516
Work Fax: (510) 437-5836

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

FLEET WEEK 2017

Chart 1
Regulated Area "Alpha" for Navy Parade of Ships

Friday, October 6th 10:30 a.m. to 12:30 p.m.



Navy Parade of Ships
37-47.386N 122-23.269W
37-47.828N 122-23.351W
37-48.877N 122-24.337W
37-48.604N 122-26.790W
37-48.660N 122-28.630W
37-49.155N 122-28.681W
37-49.342N 122-24.803W
37-49.098N 122-24.143W
37-47.876N 122-22.701W
37-47.120N 122-22.650W
37-47.094N 122-23.257W

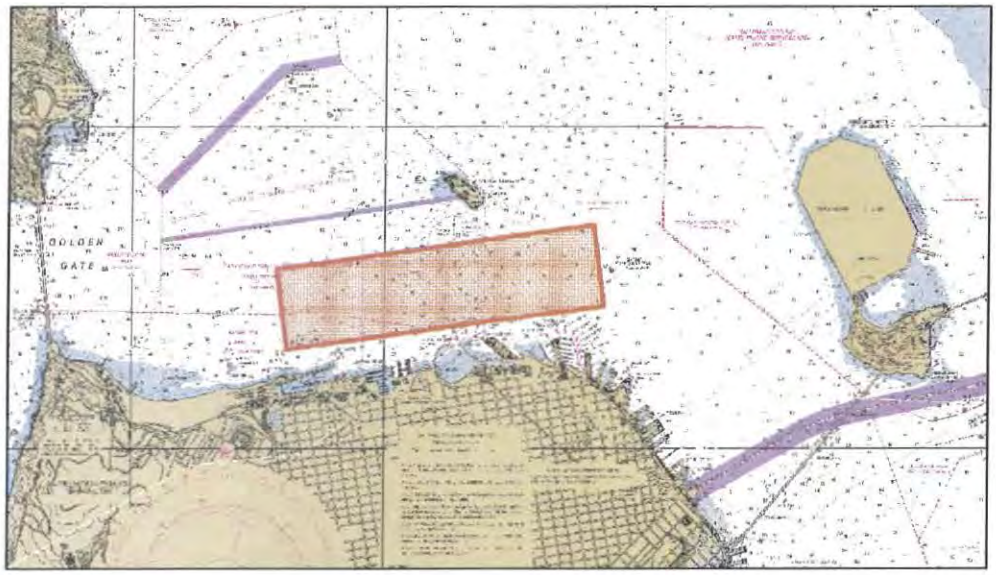
Encl: (1)

FLEET WEEK 2017

Chart 2

Regulated Area "Bravo" for U.S. Navy Blue Angels Activities

Thursday, October 5th	12:45 p.m. to 6:00 p.m.
Friday, October 6th	11:00 a.m. to 6:00 p.m.
Saturday, October 7th	11:45 a.m. to 5:00 p.m.
Sunday, October 8th	11:45 a.m. to 5:00 p.m.



Safety Air Box

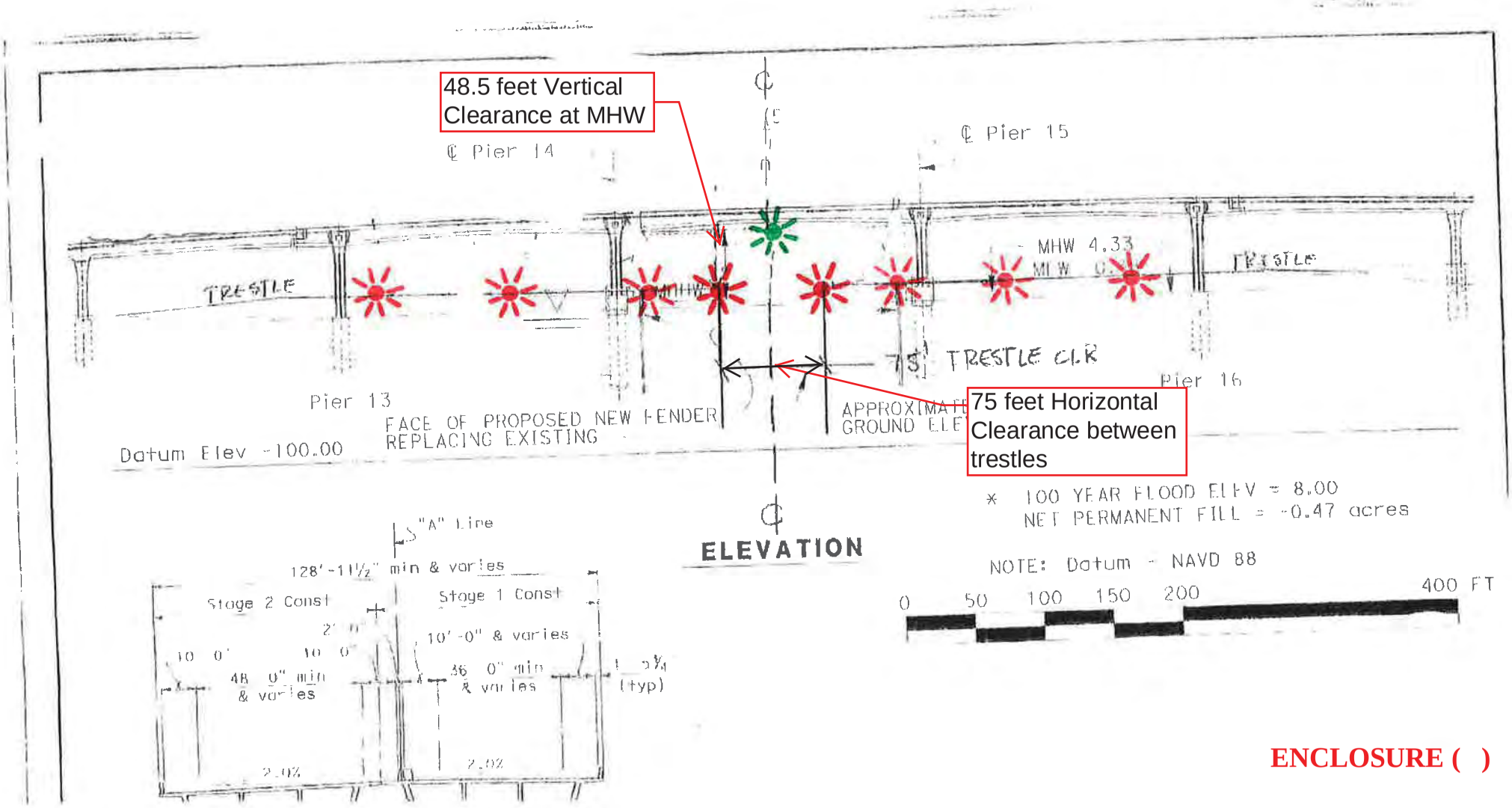
37-49.389N 122-24.354W
37-48.888N 122-24.272W
37-48.612N 122-26.786W
37-49.113N 122-26.868W

Encl: (2)

Replacement Schuyler Heim Bridge Project

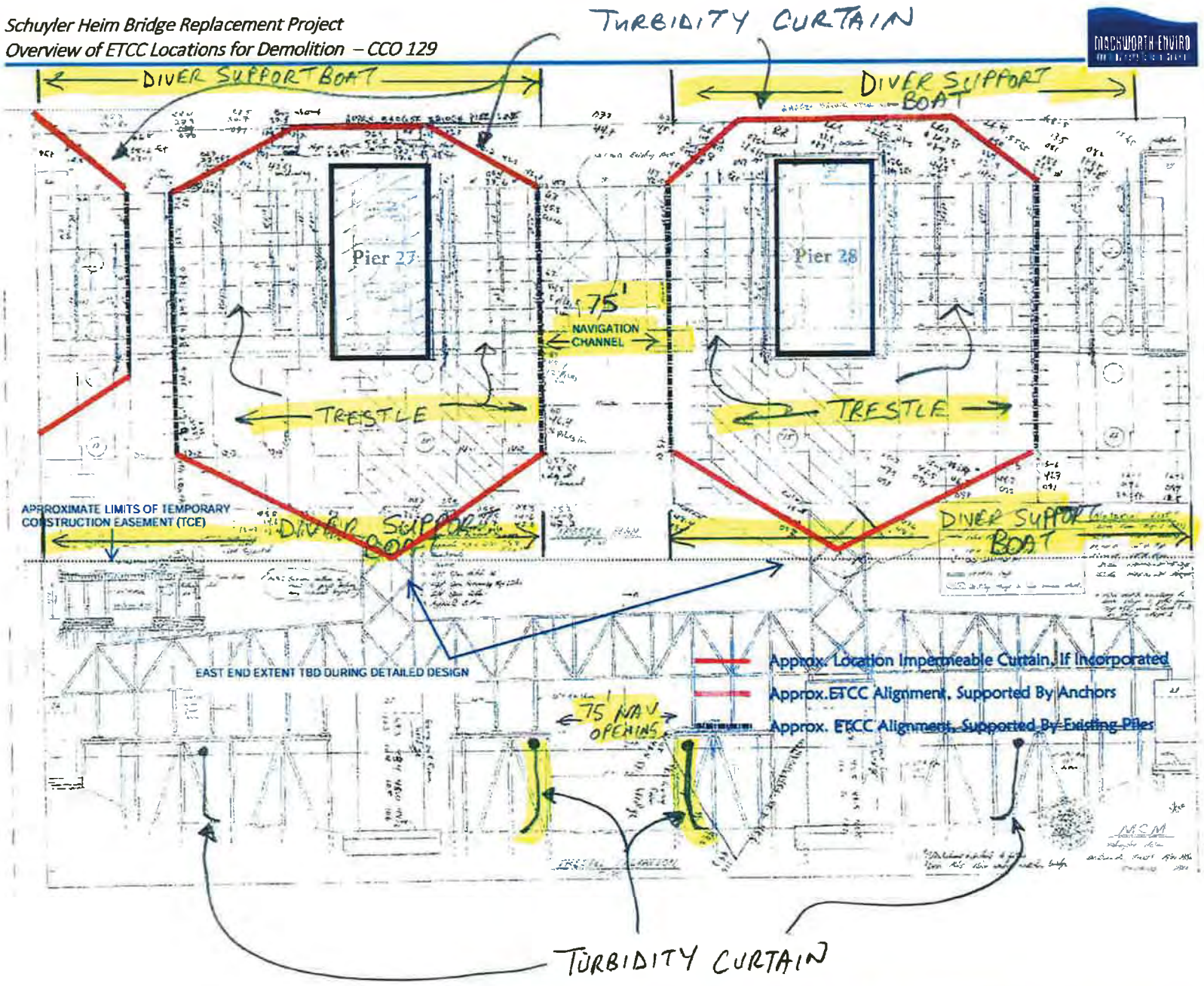
Temporary Lighting Diagram during Construction

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



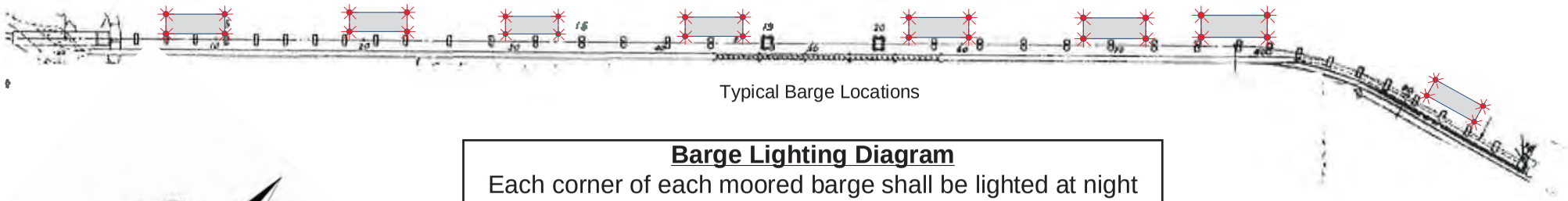
MACKWORTH GROUP, LLC
WWW.MACKWORTH-ENVIRO.COM

* 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

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.

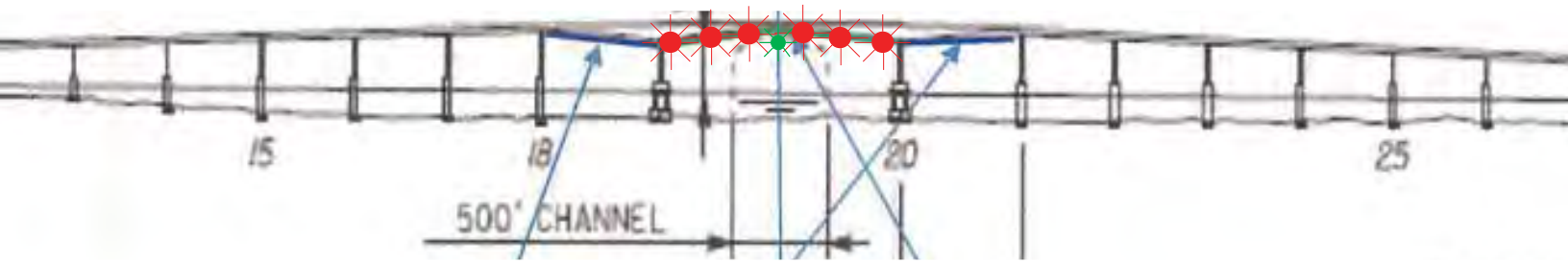


Typical Barge Locations

Barge Lighting Diagram

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

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

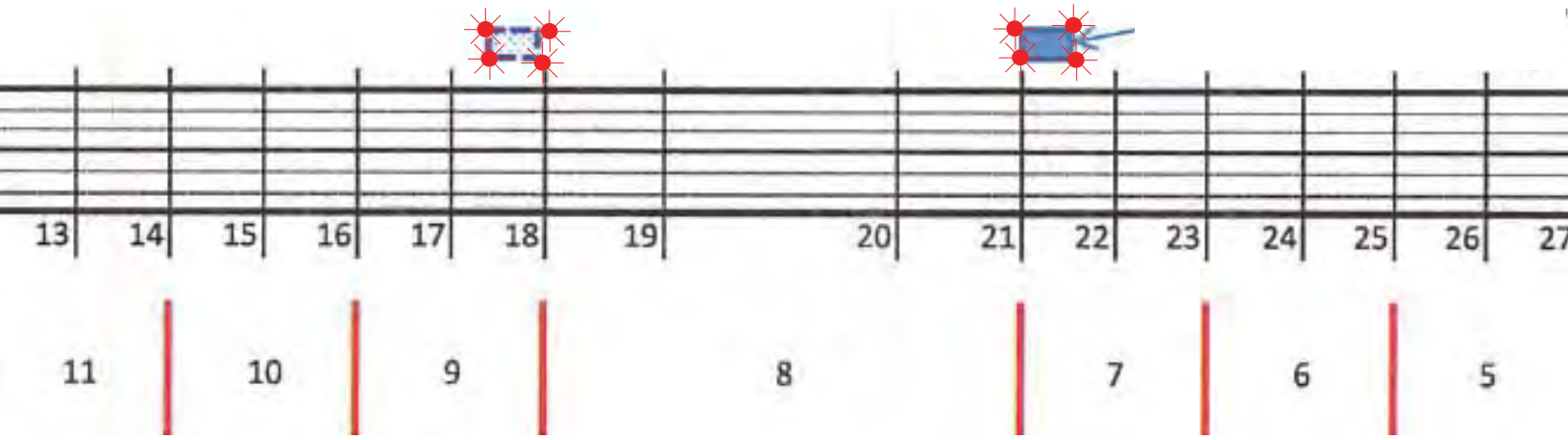


Work Platform Lighting Plan

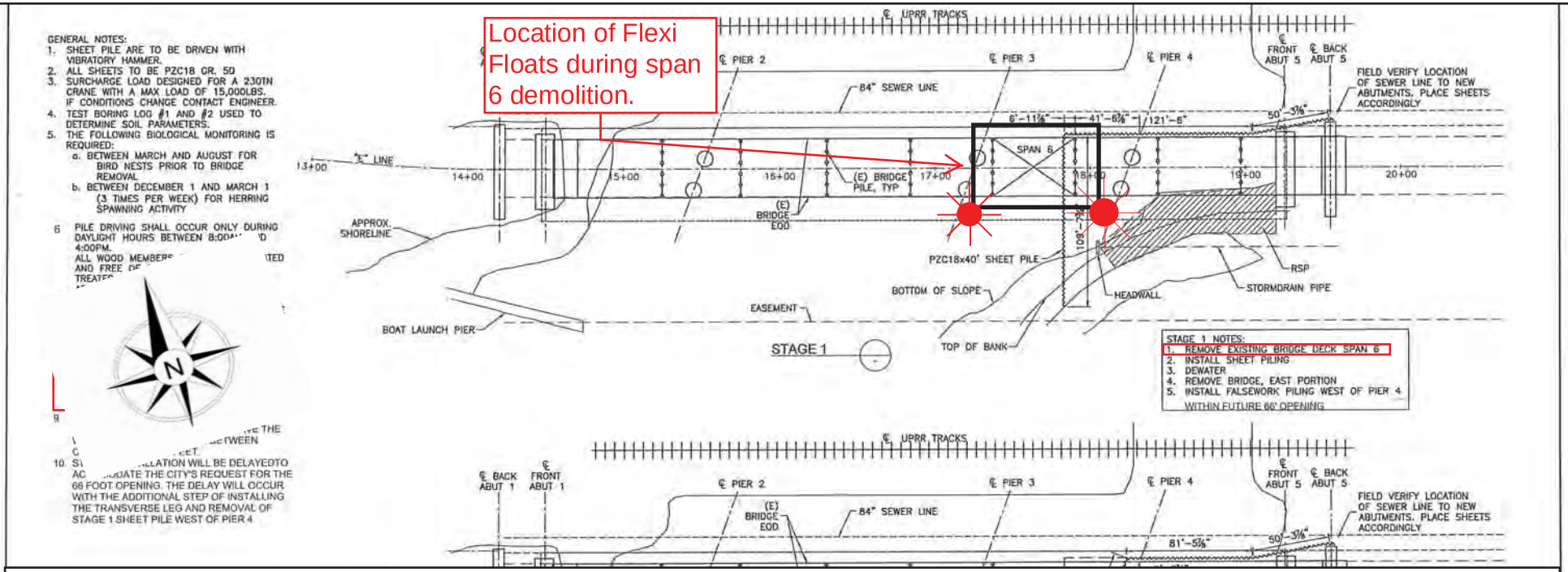
The platform beneath low steel, between piers 19-20, in the main navigation span shall be lighted at night with steady burning all-round red lights, spaced every 50 feet.

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



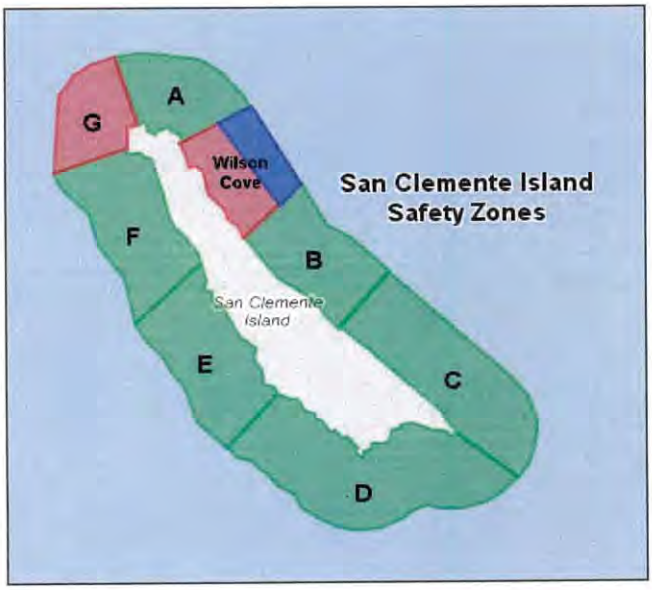
City of Oakland Contractor intends to use 3 to 4, 3 foot X 7.5 foot X 30 foot, flexi-float barges during the demolition of the eastern pier of the existing Embarcadero Rd Bridge. The downstream corners of each flexi-float barge shall be lighted at night with steady all-round red lights.

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.

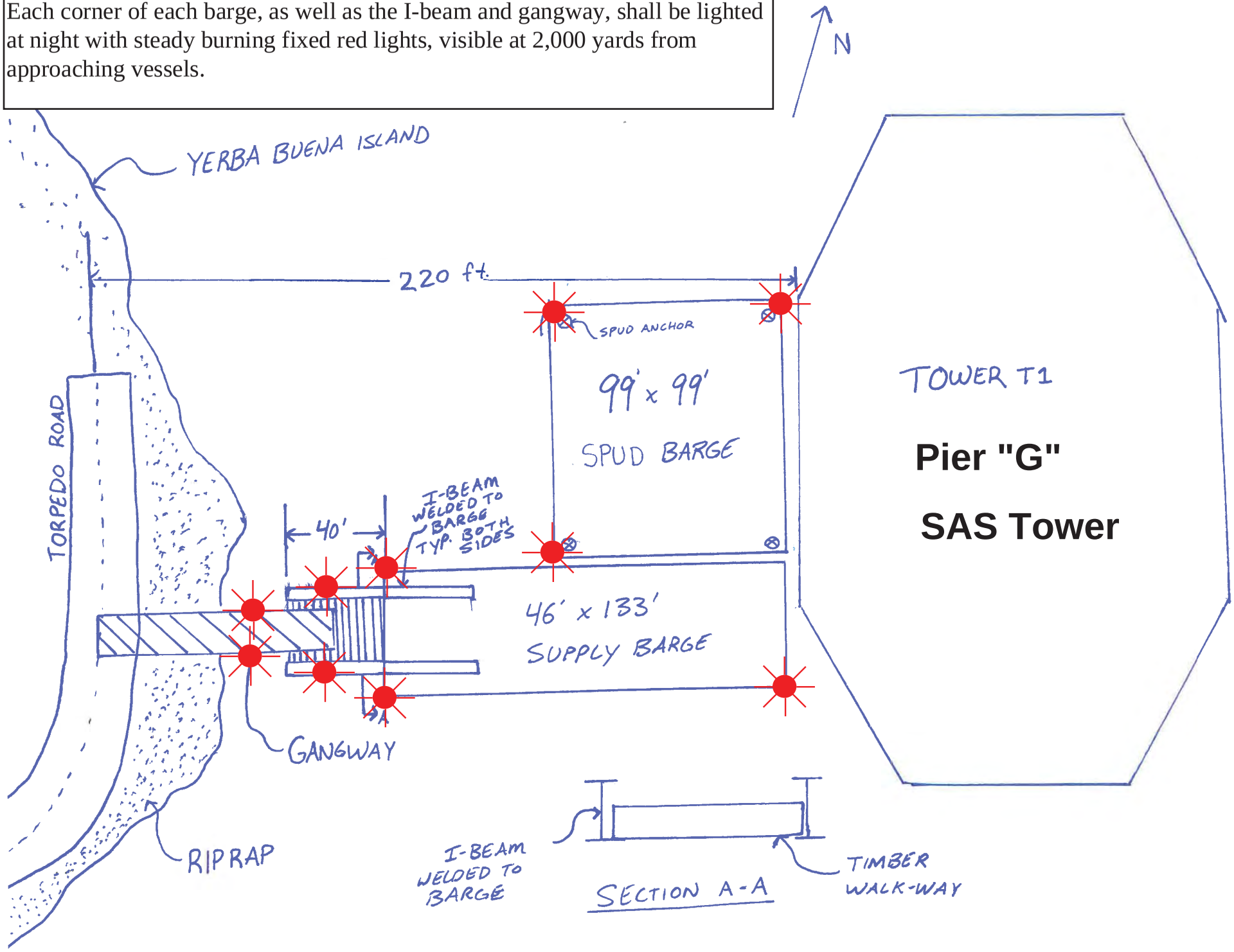
If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11MarineEventsSD@uscg.mil.

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.



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.

34° 34.431' N
120° 51.948' W

34° 27.824' N
120° 51.948' W

Pt. Arguello

Pt. Conception

REDUCED SPEED
10 KNOTS

34° 22.153' N
120° 51.948' W

34° 9.08' N
119° 26.505' W

34° 4.34' N
119° 27.945' W

33° 27.6' N
120° 51.948' W

33° 27.6' N
117° 42.36' W

Dana Pt.

WHALE ADVISORY ZONE

0 5 10 20
Nautical Miles

Chart not for navigational purposes.

N

VOLUNTARY SPEED REDUCTION ZONE (10 KTS OR LESS)

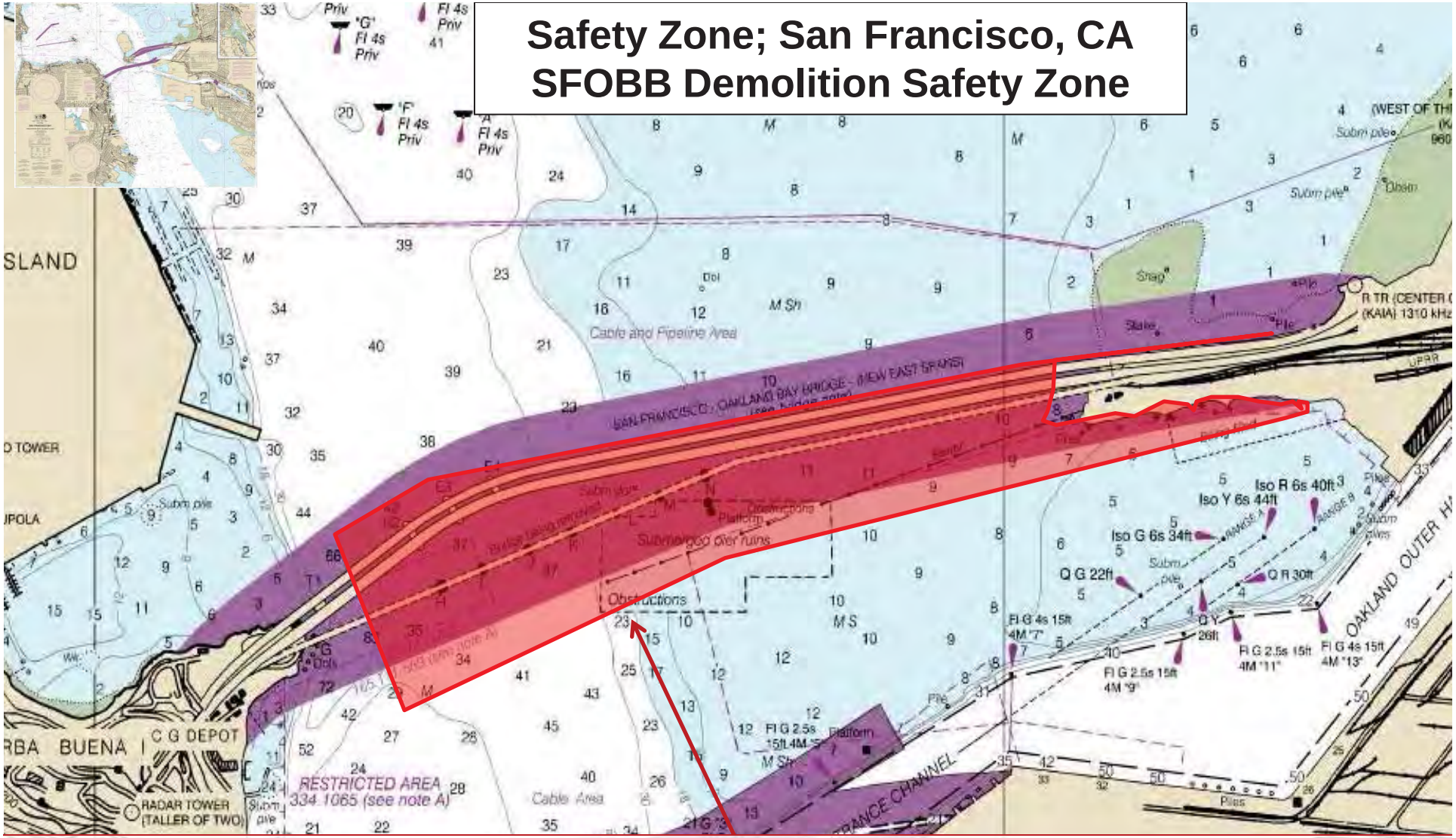
Shipping Lanes

NOAA Whale Advisory Zone

NOAA Charts 18720 and 18740

23 JUNE 2017

Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone

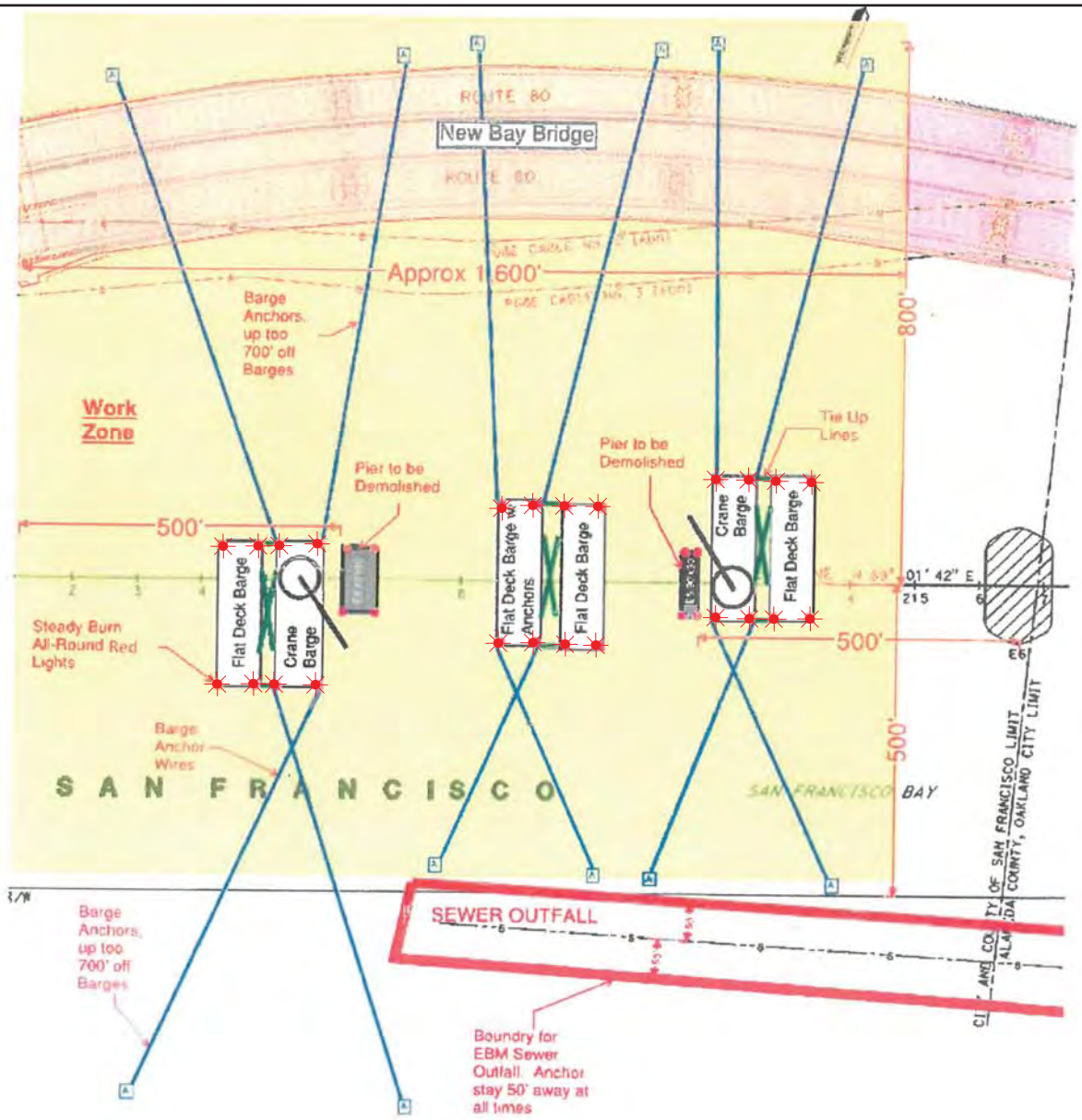


South Border:1000 feet south of the old SFOBB extending to Oakland shore line,
West Border:500 feet west of Pier H,
North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line
21 August 2015 – 31 December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

NOAA Chart 18650

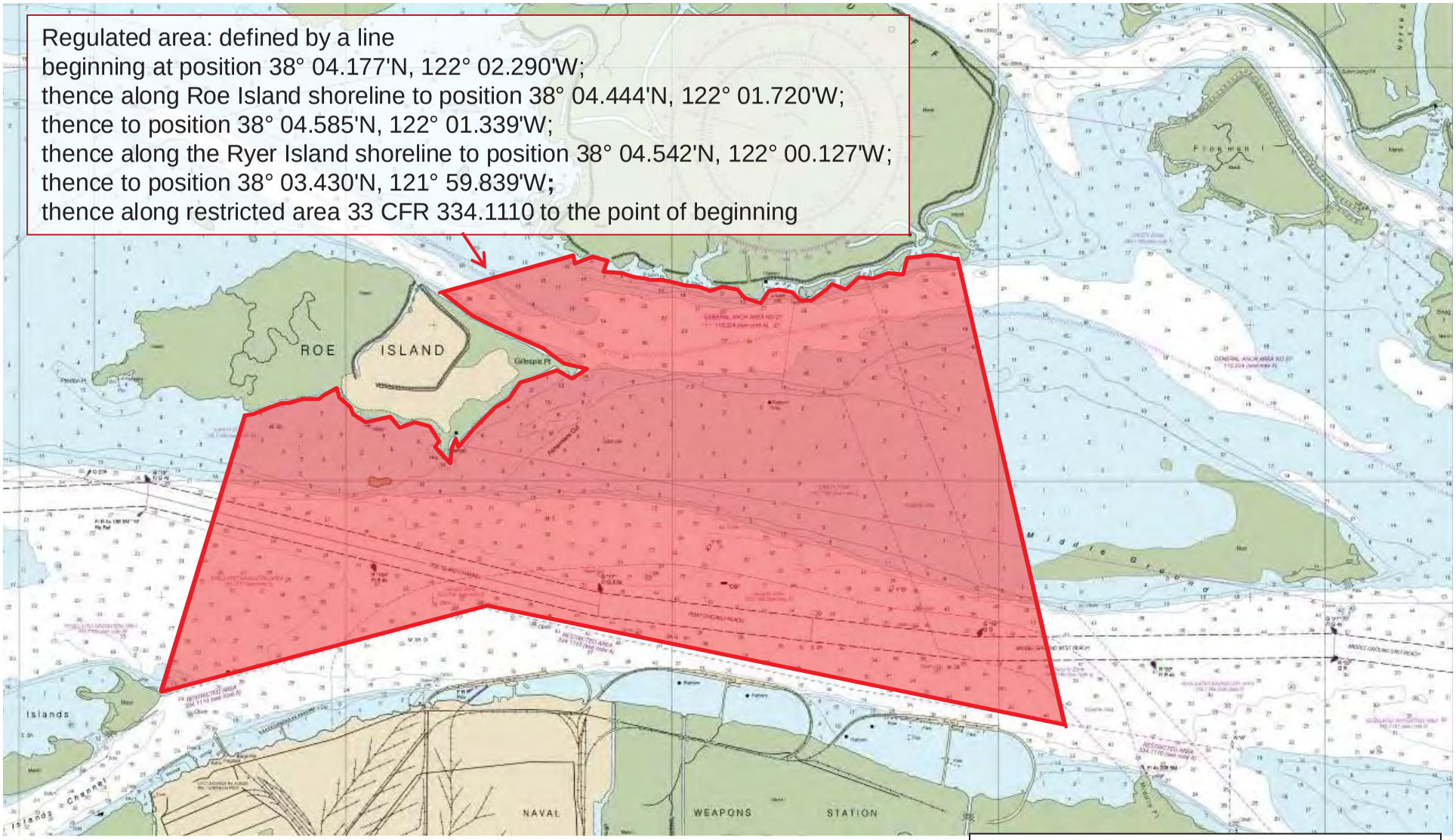
Typical Barge Lighting/Anchor Diagram
E6-E18 Pier Removal
Replaced Eastern Span San Francisco/Oakland Bay Bridge, Mile 8.9, San Francisco Bay

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'

Military Ocean Terminal Concord (MOTCO) Security Demonstration
Special Local Regulation
0930-1630, 25-27 Sep 2017

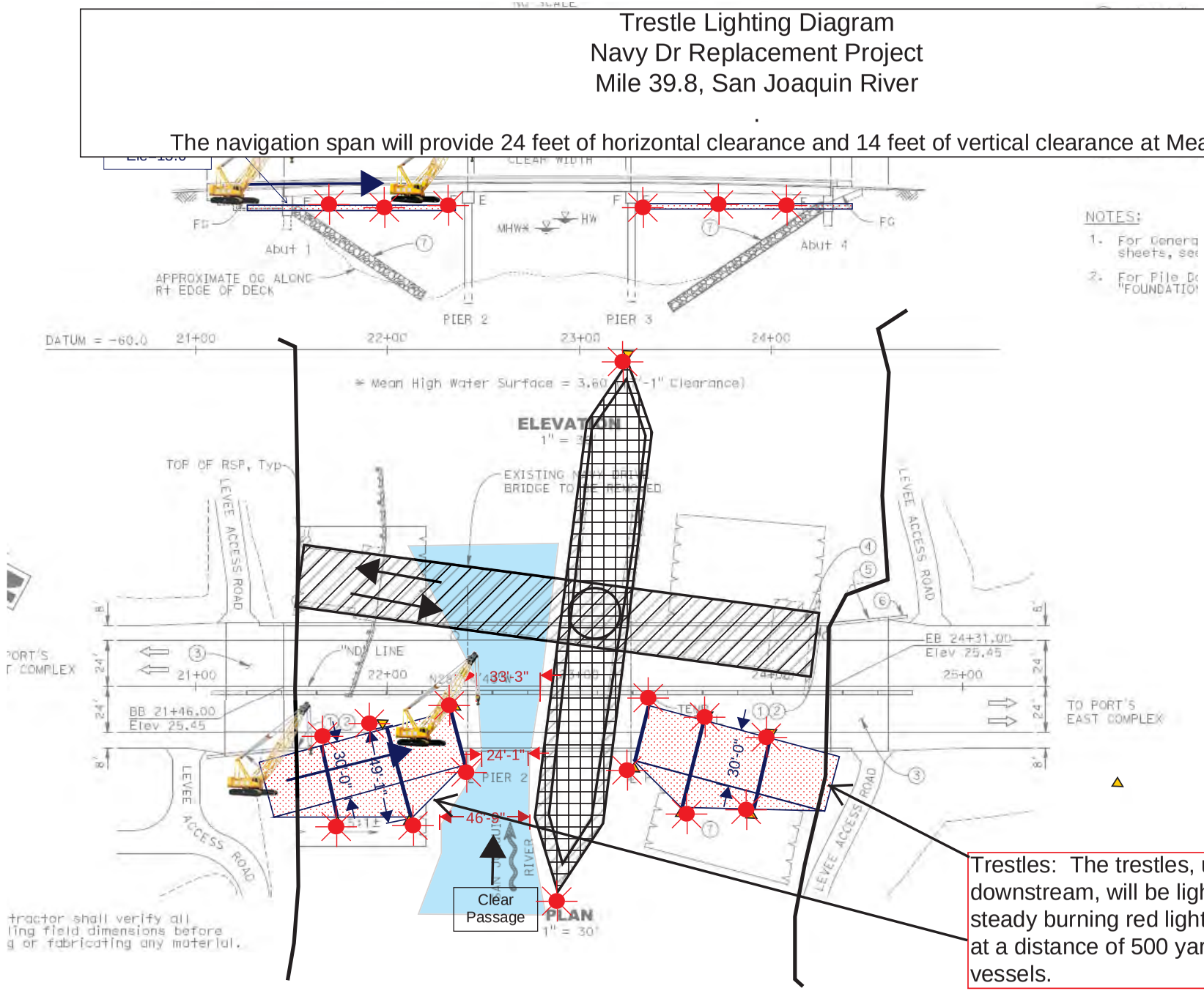


NOAA Chart 18658

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

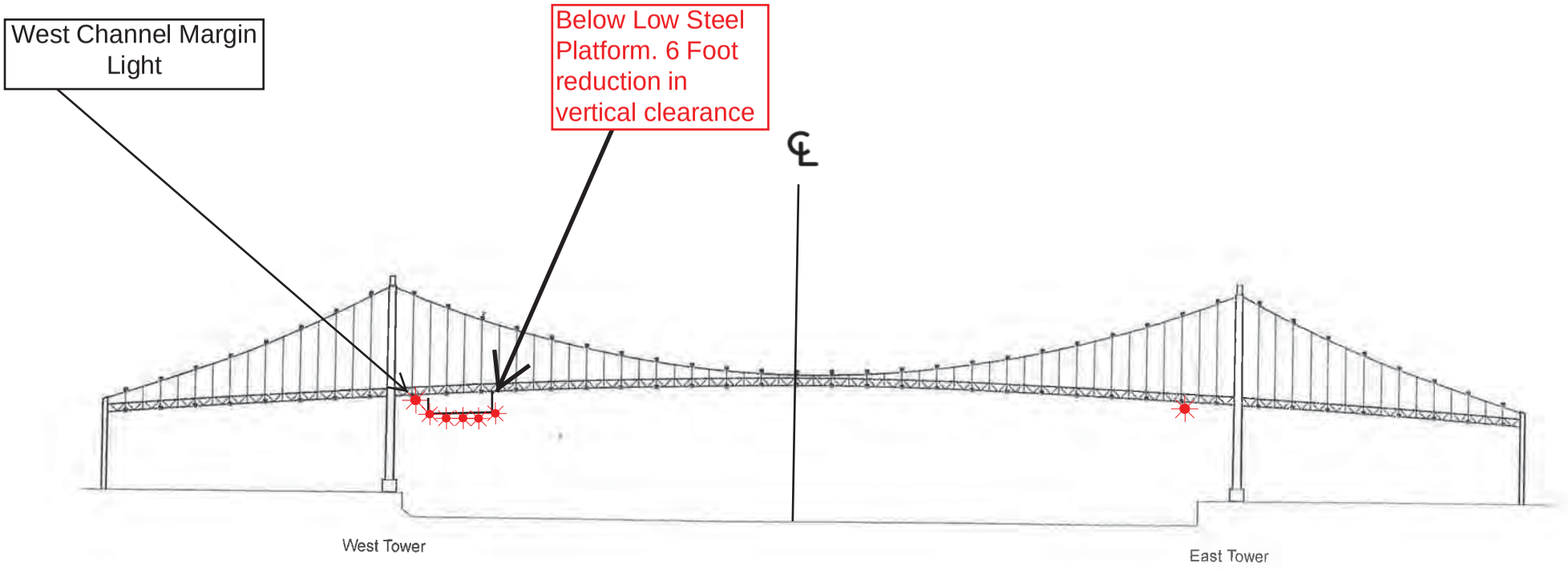
.

The navigation span will provide 24 feet of horizontal clearance and 14 feet of vertical clearance at Mean High Water



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

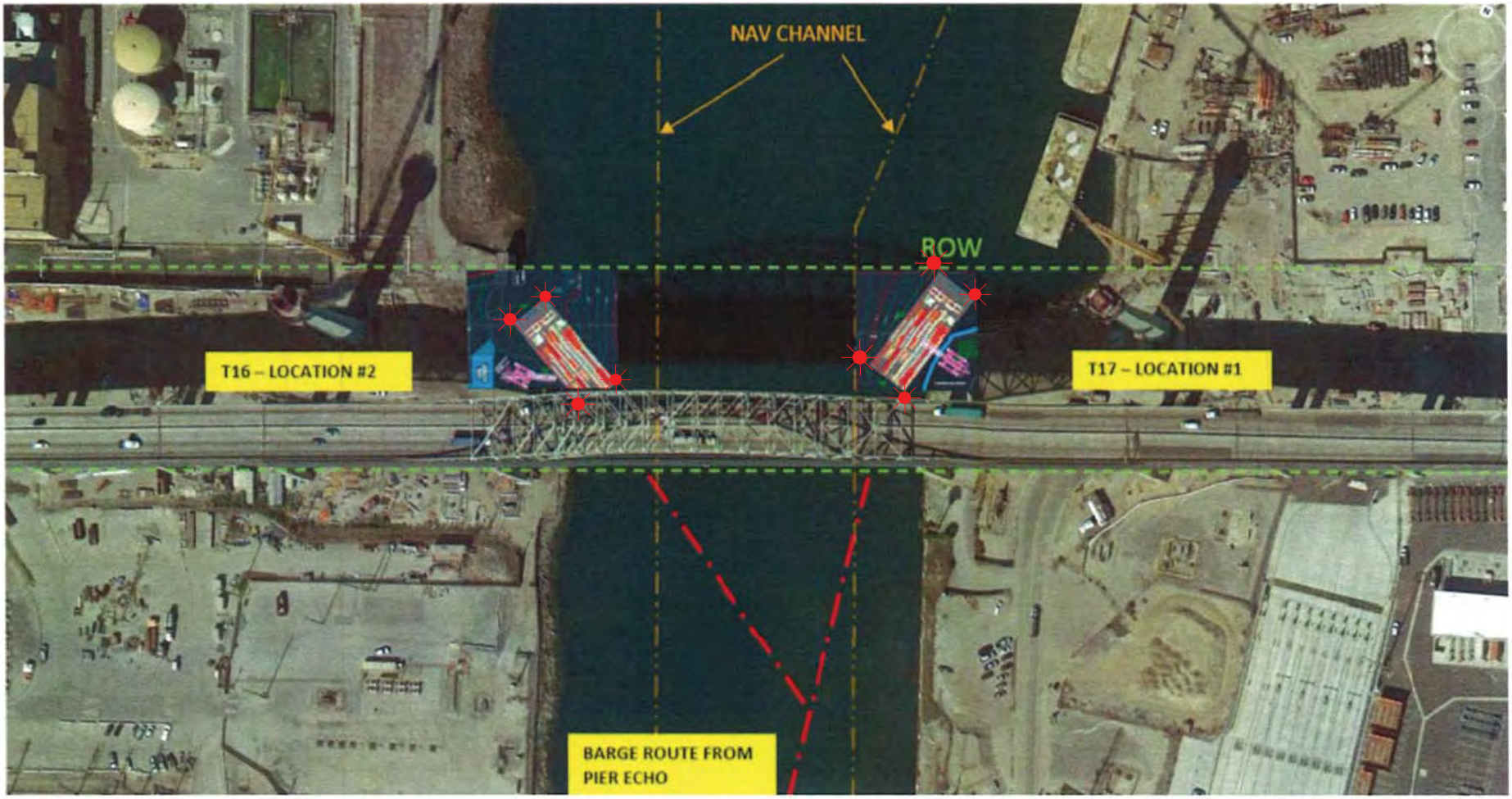
Vincent Thomas Highway Bridge
Mile 3.0
Los Angeles/Long Beach Harbor
Painting Project



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

Gerald Desmond Bridge Replacement Project
Equipment Staging

Barge Mooring and Lighting Diagram



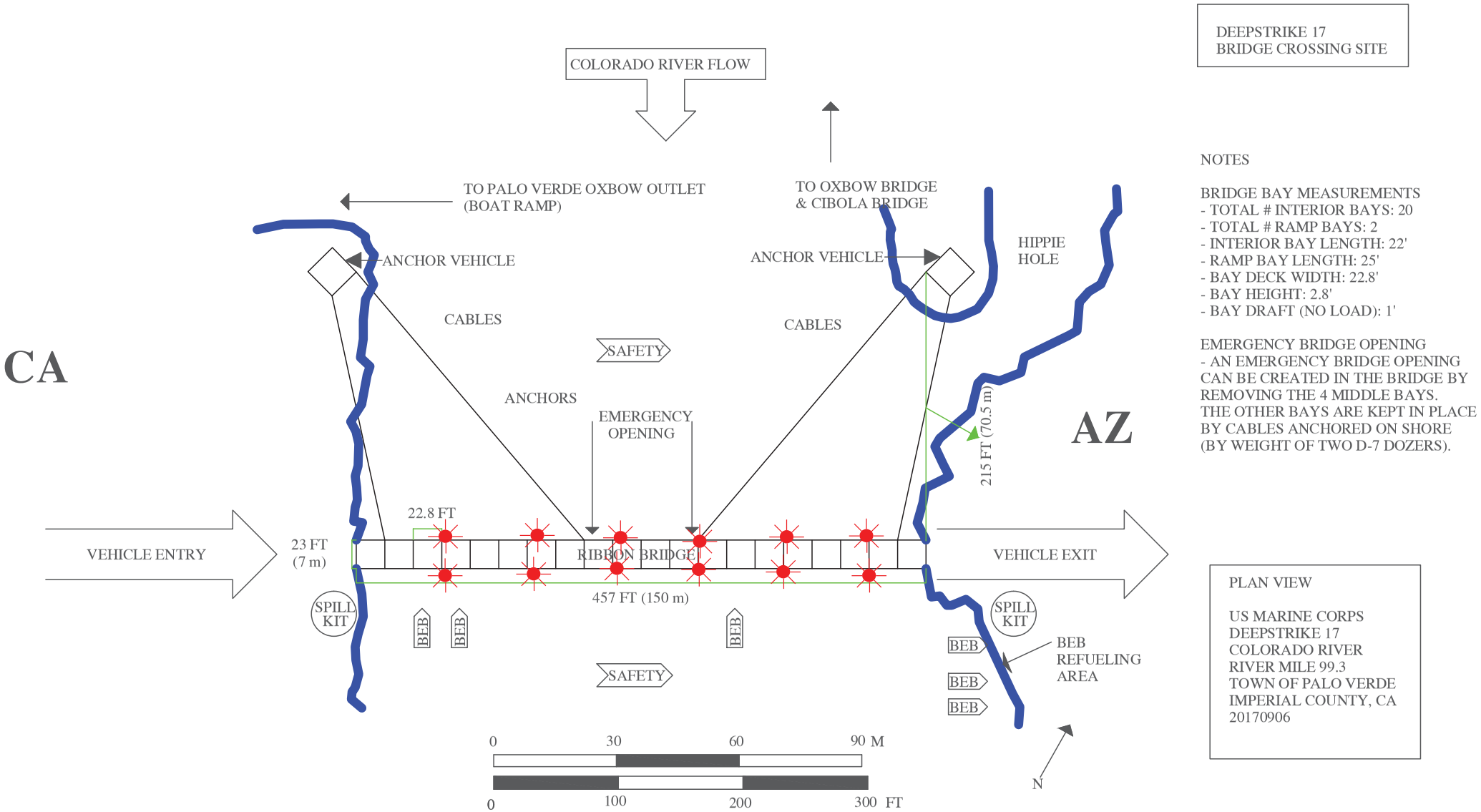
Each corner of each spudded 160' X 60' barge will be lighted at night with steady burninig red lights so as to be seen at 2000 yards by approaching vessels.

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

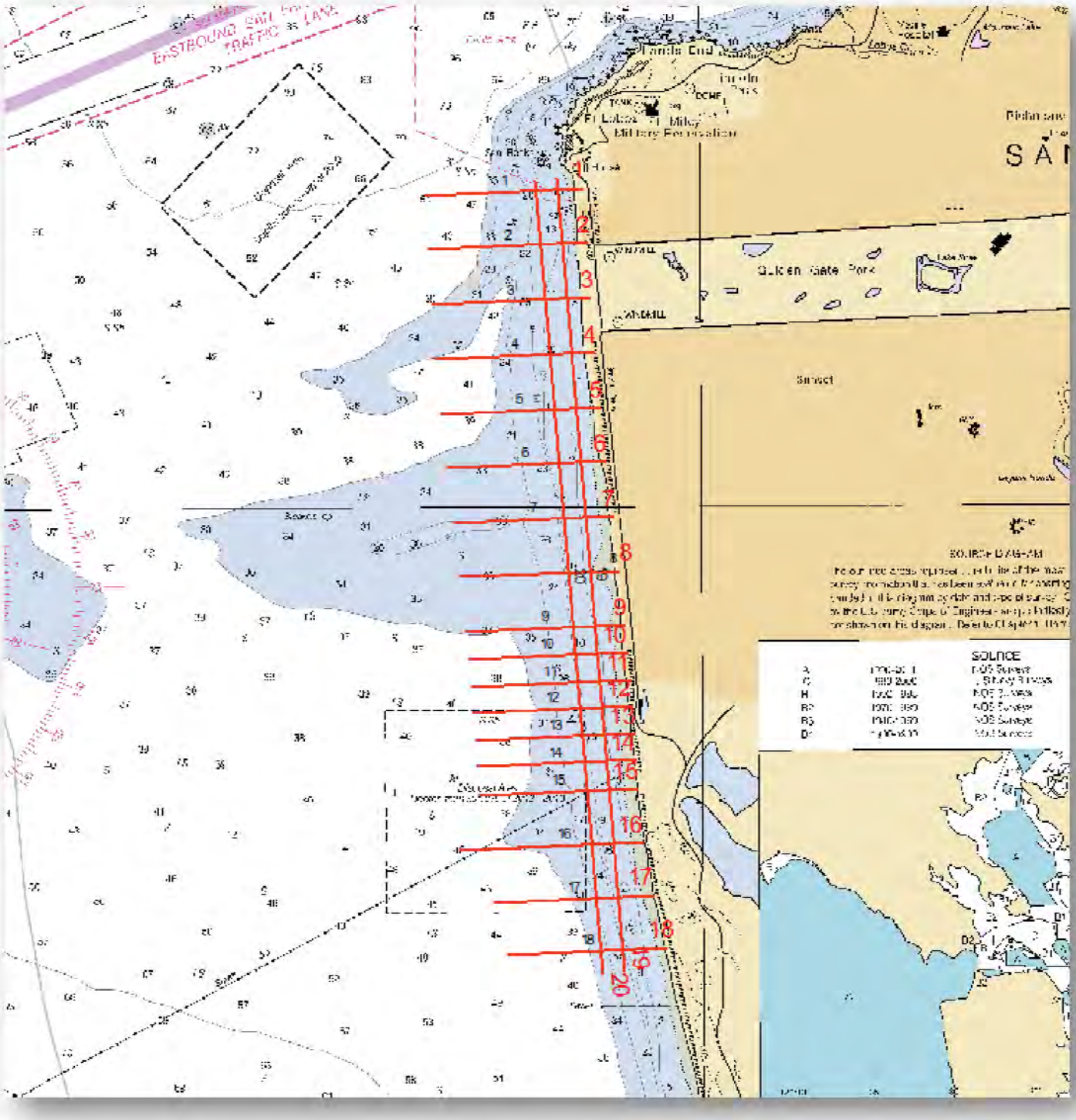
Enclosure (1)

Temporary Floating Bridge
Mile 99.3, Colorado River
Near Palo Verde, Imperial County, CA

Bridge Lighting Diagram



The upstream and downstream edges of the temporary floating bridge will be lighted at night with steady burning red lights, placed at intervals of 75 feet, so as to been seen by approaching vessels at 2000 yards.



Detail Map of Study Area