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

LOCAL NOTICE TO MARINERS

District: 11 Week: 23/16

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

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2016 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 46th 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-0013-16, SF-0108-16, LA-0089-16, and SD-0067-16 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.uscg.mil/D11/DP/LnmRequest.asp or call BM1 Alfred Albert 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

Some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa, and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach. Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so. For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

LNM: 43/09

MARINE SAFETY INFORMATION BULLETIN

The Harbor Safety Committee of the San Francisco Bay Region adopted a proposal to establish anchorage berthing schemes in general anchorages 7, 8, and 8A. These berthing schemes will provide more efficient use and greater predictability of the available space in these anchorages. All existing regulations governing the use of these anchorages remain in effect. Vessels using these anchorages should strive to let go their anchor in the center of the drop bucket. For more details or comments contact Sean Kelley, Sector San Francisco VTS Director at 415-399-7402. For additional information see MSIB 15-07.pdf in the enclosure section.

LNM: 47/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

NOAA Sanctuaries request a voluntary Vessel Speed Reduction from May 1-November 15 within the SF TSS. 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-WHAL 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, location, the number of whales, the species (if known) and a description of the animals. Please report sightings to whales@noaa.gov. You can also report whales through WhaleAlert, a free application available at http://westcoast.whalealert.org
<https://urldefense.proofpoint.com/v2/url?u=http-3A__westcoast.whalealert.org&d=BQMFaQ&c=0NKfg44GVknAUXkWXjNxQ&r=dusC9qxFbed8mXsF9BZqWs6srVGAA59Jim4MDdZwCr8&m=11lCAVb2bZ9a4X70cmR_gfmgEvBvxTE52yqLmOr5nJ0&s=vK-xe75wgriSDsqWnKi8O3qcnqQQ_2F6U97ngYenR44&e=>

For more details or comments please contact Michael Carver at Michael.carver@noaa.gov

Chart 18645 LNM: 17/16

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard began AIS Application Specific Message (AIS-ASM) testing. The test transmissions may occur at any time, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words “USCG TEST” within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI’s=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text “USCG TEST”. For further information on AIS messages, DACs, and FI’s visit http://www.navcen.uscg.gov/?pageName=AISMessages

LNM: 31/15

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	OFF STA	18022	SD-0103-15	37/15	
30	Mission Bay North Jetty Light 1	MISSING	18765	SD-0005-16	05/16	
365	Mile Rocks Light	LT EXT/SS INOP	18649	0585-13	52/13	
370	Point Bonita Light	REDUCED INT	18649	SF-0096-16	22/16	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1500	San Diego Bay Entrance Range Front Light	DAYMK DMGD	18773	SD-0062-15	24/15	
2280	Mission Bay North Jetty Light 1	MISSING	18765	SD-0005-16	05/16	
2295	Oceanside Breakwater Light 1	LT EXT	18758	SD-0057-16	19/16	
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**	**AIS INOP**	**18749**	**LA-0083-16**	**23/16**	
3455	**Marina Del Rey Light 3**	**SS INOP**	**18744**	**LA-0086-16**	**23/16**	
3870	**Morro Bay Channel Lighted Buoy 7**	**OFF STA**	**18703**	**LA-0087-16**	**23/16**	
4220	Point Bonita Light	REDUCED INT	18649	SF-0096-16	22/16	
4245	Mile Rocks Light	LT EXT/SS INOP	18649	0585-13	52/13	
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18652	SF-0153-15	34/15	
5480	Southampton Shoal Light	REDUCED INT	18653	SF-0076-16	18/16	
5480	Southampton Shoal Light	SS INOP	18653	SF-0073-16	17/16	
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14	
6325	Suisun Bay North Channel Light 2	MISSING/TRLB	18657	SF-0240-15	01/16	
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13	

6630	New York Slough Light 7	LT EXT	18659	SF-0078-16	18/16
6630	New York Slough Light 7	TRLB/STRUCT DMGD	18659	0468-13	42/13
6645	New York Slough Light 11	TRLB/STRUCT DEST	18659	SF-0014-14	02/14
6665	San Joaquin River Daybeacon 1	MISSING/TRUB	18659	SF-0017-16	04/16
6760	San Joaquin River Light 25	STRUCT DMGD/TRLB	18660	SF-0083-15	21/15
6855	San Joaquin River Light 46	LT EXT/DAYMK MISSING/STRUCT DMGD/TRLB	18660	SF-0236-15	51/15
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15
6935	Stockton Channel Light 6	LT EXT	18660	SF-0072-16	18/16
7005	**Stockton Channel Range E Front Light**	**LT EXT**	**18663**	**SF-0106-16**	**23/16**
7510	Sacramento River Deep Water Ship Channel Light 67	TRLB/DAYMK MISSING	18662	0565-13	50/13
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
7990	Bodega Harbor Channel Daybeacon 44	MISSING/TRUB	18643	SF-0230-15	50/15
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14
8415	Lake Tahoe Lighted Danger Buoy B	LT EXT	18665	SF-0232-15	51/15
8462	Lake Tahoe Buoy 0	MISSING	18665	SF-0084-16	19/16

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
10	San Diego Bay Approach Lighted Whistle Buoy SD	WATCHING PROPERLY	18772	SD-0064-16	23/16	23/16
125	Long Beach Light	WATCHING PROPERLY	18751	LA-0085-16	23/16	23/16
1485	San Diego Bay Approach Lighted Whistle Buoy SD	WATCHING PROPERLY	18772	SD-0064-16	23/16	23/16
3012	Long Beach Light	WATCHING PROPERLY	18751	LA-0085-16	23/16	23/16
3122	Los Angeles Main Channel Range Front Light	WATCHING PROPERLY	18751	LA-0089-16	23/16	23/16
3900	Morro Bay Channel Daybeacon 17	WATCHING PROPERLY	18703	LA-0088-16	23/16	23/16
4310	Alcatraz Bell Buoy	WATCHING PROPERLY	18650	SF-0104-16	23/16	23/16

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4317.2	**Alcatraz Wildlife Protection Area Buoy ALCZ3**	**SINKING**	**18650**	**SF-0107-16**	**23/16**	
5156	San Mateo-Hayward Bridge Racon M	RAC INOP	18653	SF-0095-16	21/16	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2070	Coronado Cays Channel Daybeacon 3	REBUILT/RECOVERED	18773	SD-0009-16	03/16	23/16

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
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	
1500	**San Diego Bay Entrance Range Front Light**	**DISCONTINUED**	**18773**	SD-0068-16	**23/16**	
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15	
3855	Morro Bay Channel Lighted Buoy 4	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	
3856	Morro Bay Channel Lighted Buoy 4A	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	
3860	Morro Bay Channel Lighted Buoy 5	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	
3860	Morro Bay Channel Lighted Buoy 5	RELOCATED DUE TO SHOALING	18703	LA-0010-16	07/16	
3865	Morro Bay Channel Lighted Buoy 6	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	
3875	Morro Bay Channel Lighted Buoy 8	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	
3880	Morro Bay Channel Buoy 10	DISCONTINUED FOR DREDGING	18703	LA-0071-16	18/16	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

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

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR CGD01
(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W
Green can

Corrective Action	Object of Corrective Action	Position

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

18685 34th Ed. 01-SEP-12 Last LNM: 11/12 NAD 83 23/16

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

CHART CA - Monterey Bay. Page/Side: N/A

		CGD11	
RELOCATE	Moss Landing Harbor Channel Buoy 1	from 36-48-20.591N	121-47-31.524W
		to 36-48-20.000N	121-47-33.000W

18703 26th Ed. 01-MAR-13 Last LNM: 12/10 NAD 83 23/16

ChartTitle: **Estero Bay;Morro Bay**

Inset 1878 MORRO BAY. Page/Side: N/A

RELOCATE	Morro Bay Channel Lighted Buoy 7	from 35-22-06.079N	120-51-52.585W
		to 35-22-05.035N	120-51-53.574W

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s) **Project Date** **Ref. LNM**

None

Advance Notice(s)

LA/LB-LED CONVERSION

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

Charts: 18020 18022 18740 18746 LNM: 34/15

SACRAMENTO RIVER-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Sacramento River Deep Water Ship Channel Light 67 (LLNR 7510). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18662 LNM: 33/14

SAN FRANCISCO BAY-CARQUINEZ STRAIGHT-ATON DISCONTINUANCE

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

Charts: 18652 18656 18657 LNM: 09/15

SAN JOAQUIN RIVER-AID ESTABLISHMENT

The U.S. Coast Guard is planning to permanently establish a lighted buoy on the east side of San Joaquin River across from San Joaquin River Light 56 (LLNR 6890). This aid will be established at approximate position: 38-04-07.54N 121-33-31.76W. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18660 18661 LNM: 16/15

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

None

Proposed Change Notice(s)

None

SECTION VII - GENERAL

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

ARIZONA-LOWER COLORADO RIVER-MARINE EVENT

Parker Area Chamber of Commerce will sponsor The 39th Great Western Tube Float involving approximately 8,000 participants floating down a portion of the Colorado River from the La Paz County Park in Parker, AZ to the Blue Water Resort and Casino, Parker, AZ, from 0700 to 1600 on Saturday, 11 Jun 16. A Coast Guard Marine Event and Special Local Regulation is established and enforced encompassing all navigable waters from La Paz County Park to the Blue Water Resort and Casino. The Special Local Regulations will support the safety of the marine event participants. Mariners are requested to transit the area with caution and avoid the regulated area. For more details or comments contact Ms. Mary Hamilton at 760-238-6773.

LNM: 23/16

CALIFORNIA COAST-WHALES

NOAA is asking for the public's help in tracking whales. If you see whales, record the date and location, number of whales, species (if known) and a description of the animals. Please email the information to whales@noaa.gov.

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

Whales are federally protected under the 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.).

Charts: 18007 18022 LNM: 49/14

CAMBRIA-FIREWORKS

The Cambria American Legion will sponsor a fireworks display from the beach at Shamel Park at 2100 on 04 Jul 16. There will be a 280ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Chart 18700 LNM: 23/16

CAYUCOS-FIREWORKS

The Cayucos Chamber of Commerce will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from the Cayucos Pier. There will be a 420ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18700 LNM: 23/16

DANA POINT-FIREWORKS

The City of Dana Point will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located near the Dana Point Harbor breakwater at 33-27-22N 117-41-21W. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18746 LNM: 23/16

DELTA & RIVERS-DISCOVERY BAY-WERNER DREDGER CUT-BRIDGE

ORWOOD RD BRIDGE REPLACEMENT- Work will resume 15 Jun 2016. A temporary trestle will be installed just south of the existing bridge. A temporary orange boom has been placed on the south side of the existing bridge to the north side of the EBMUD pipeline bridge. The piers of the pipeline bridge and the piers of the existing Orwood Rd Bridge will be lighted at night with fixed red lights (see Orwood_Lighting_Diagram2.pdf in enclosure section). A 17ft wide navigation channel has been established on the eastern portion of the project site for the transit of vessels. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18661 LNM: 25/15

DELTA & RIVERS-MIDDLE RIVER-BRIDGE

BACON ISLAND ROAD DRAWBRIDGE-The drawspan is secured in the closed-to-navigation position, due to structural damage. Estimated time of repairs is unknown. The bridge provides 8ft vertical clearance above Mean High Water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 23/16

HUMBOLDT BAY-DREDGING

The Corps of Engineers will be conducting dredging operations at Humboldt Bay and Harbor through 01 Jul 16. Disposal will be at the designated offshore Humboldt Open Ocean Disposal Site (HOODS). Dredge BAYPORT will be dredging until 14 Jun 16. Mariners are requested to transit the area with caution. Hopper dredge BAYPORT and dredge ESSAYON will be monitoring VHF-FM Chan. 16. For more details or comments contact the ESSAYON Master at 503-804-5546 or via cell at 503-709-8459.

Chart 18622 LNM: 17/16

HUMBOLDT BAY-DREDGING

The Corps of Engineers will be conducting dredging operations in Humboldt Harbor from 14 Jun 16 through 30 Jun 16. Dredge ESSAYONS will be performing annual maintenance dredging on the Humboldt Bar and entrance channel. Disposal will be at the designated offshore Humboldt Open Ocean Disposal Site (HOODS). Mariners are requested to transit the area with caution. Dredge ESSAYONS will be monitoring VHF-FM Chan. 16. For more details or comments contact ESSAYONS Master at 503-709-8459 or 503-804-5546.

Chart 18622 LNM: 23/16

HUMBOLDT BAY-HOOKTON CHANNEL-SUNKEN VESSEL

A sunken 96.6ft sailing vessel has sunk in the vicinity of Hookton channel at 40-43-54N 124-13-09W. The vessel's mast is out of the water at low tide and is marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18622 LNM: 09/16

HUMBOLDT BAY-SHOALING

Due to shoaling at the south jetty tip of Humboldt Bay Bar, swells in excess of 8ft may have an adverse affect in the main shipping channel. Mariners are requested to transit the area with caution and contact U. S. Coast Guard Sector Humboldt Bay on VHF-FM Chan. 16 for assistance. For more details or comments contact U.S. Coast Guard Sector Humboldt Bay at 707-839-6113.

Chart 18622 LNM: 08/16

LAGUNA BEACH-FIREWORKS

The Irvine Cove Community Association will sponsor a fireworks display on 04 Jul 16 conducted from a barge located offshore in the vicinity of Irvine Cove. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18746 LNM: 23/16

LAGUNA BEACH-FIREWORKS

The Emerald Bay Service District will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located in Emerald Bay in approximate position 33-32-55.63N 117-48-39.98W. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18746 LNM: 23/16

LONG BEACH TO CATALINA ISLAND-MARINE EVENT

The Long Beach Boat and Ski Club will sponsor the 68th annual Catalina Ski Race in Long Beach Harbor from 0830-1200 on 16 Jul 16. Approximately 60 powerboats with skiers in tow will race between Island White and Island Grissom. Racers will exit Queens Gate to a turn marker boat located off Avalon, and finish near the Queen Mary. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the race. Coast Guard and Long Beach Lifeguard vessels will be on scene with the race committee vessels to regulate spectators near the race course. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. During the event, mariners can contact PATCOM via VHF-Chan. 16 with any questions or concerns. In the event of inclement weather, the race will be postponed until 17 Jul 16. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18746 18749 18751 LNM: 22/16

LONG BEACH TO CATALINA ISLAND-MARINE EVENT

RPM Racing Enterprises will sponsor the Hot Products Long Beach to Catalina and Back Offshore National Championship PWC Race from 0900-1200 on 17 Jul 16. Approximately 40 personal watercrafts will race from the Queen Mary, through Queens Gate to a turn marker boat located off Avalon, and back to the Queen Mary. Coast Guard and Local Agency vessels will be on scene with the race committee vessels to regulate spectators near the race course. In the event that the Catalina Ski Race is postponed until 17 Jul 16, this race will shift its start time to begin after the finish of the Catalina Ski Race. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18746 18749 18751 LNM: 22/16

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 LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749 LNM: 48/14

LONG BEACH-FIREWORKS

The City of Long Beach will sponsor a fireworks display on 04 Jul 16 conducted from a barge located near the Shoreline Aquatic Park in Long Beach Harbor. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18751 LNM: 23/16

LONG BEACH-MARINE CONSTRUCTION

Connolly-Pacific Co. will conduct repairs to the Middle / Long Beach federal breakwater Mon-Fri during daylight hours until December 2016. Derrick barge LONG BEACH will place armor stone on damaged section of the Middle and Long Beach Breakwater and will use anchors to position itself along the breakwater to keep from the main channel. Tug DURANGO and derrick barge LONG BEACH will be on site monitoring VHF FM Chan. 13, 16, 73, 78, 79, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18751 LNM: 45/15

LONG BEACH-MARINE CONSTRUCTION

Connoly-Pacific Co. will be building a containment dike in East Basin, Long Beach at 33-45-19.130N 118-12-40.136W from 0700-0330 Mon-Fri until

LONG BEACH-MARINE CONSTRUCTION

August 2017. The derrick barge LOS ANGELES is aware of active terminal at Berth F and will stay clear of vessel traffic. Tug DURANGO and derrick barge LOS ANGELES will be on site monitoring VHF FM Chan. 13, 16, 78, 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18751 LNM: 11/16

LONG BEACH-MIDDLE HARBOR-MARINE CONSTRUCTION

Manson Construction Company is conducting continuous filling operations until September 2017, in vicinity of Long Beach Middle Harbor within the following coordinates:

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

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

Charts: 18749 18751 LNM: 12/16

LONG BEACH-NEWPORT BAY-GRAND CANAL-BRIDGE

PARK AVE BRIDGE REPLACEMENT–The City of Newport Beach's contractor, John S. Meek Company Inc., will be replacing the Park Ave Bridge over Grand Canal until 31 Jan 17. A temporary bridge will be constructed to facilitate construction of the replacement bridge. The Captain of the Port Los Angeles-Long Beach has established a temporary safety zone in support of navigation safety during construction (see SafetyZoneGrandCanal in the enclosure section). Persons and vessels are prohibited from entering into, departing from, transiting through, or anchoring within the designated area unless authorized by the Captain of the Port Los Angeles-Long Beach or her designated representatives. For conditions at the construction site mariners can contact the John S. Meeks Co at 310-505-7515; 310-482-7367; 310-505-3906; or the City of Newport Beach at 949-644-3321. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18754 LNM: 13/16

LOS ANGELES-MALIBU-OBSTRUCTION TO NAVIGATION

There has been a report of a mooring buoy sinking off of Malibu pier in the vicinity of 34-02-02N 118-40-21W. Mariners are requested to transit the area with caution and report any relevant observations regarding this buoy to the U.S Coast Guard on Chan. 16.

Chart 18744 LNM: 04/16

LOS ANGELES-SEAL BEACH-MARINE CONSTRUCTION

Connolly-Pacific Co. will conduct repairs to Seal Beach Jetty breakwater 0600-1730, Mon-Fri until August 2016. Derrick barge LONG BEACH will be mobilized and used to place armor stone on damaged head section of the East Jetty. The derrick barge will be anchored inside the jetty away from the channel. Tug DURANGO and derrick barge LONG BEACH will be on site monitoring VHF FM Chan. 13, 16, 79, 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18749 LNM: 16/16

LOWER COLORADO RIVER-LAUGHLIN, NV-FIREWORKS

Avi Resort and Casino will sponsor a fireworks show between 2000-2145 on 04 Jul 16 with a safety zone including all navigable waters of the lower Colorado River encompassed by the following coordinates:

35-01-05N 114-38-20W
35-01-05N 114-38-14W along the shoreline to 35-00-50N 114-38-13W
35-00-49N 114-38-18W along the shoreline to 35-01-05N 114-38-20W

Mariners are requested to transit the area with caution. For more details or comments contact Scott Beard at 702-420-4549.

LNM: 23/16

LOWER COLORADO RIVER-LAUGHLIN-MARINE EVENT

The Laughlin Tourism Commission/Las Vegas Events will sponsor a fireworks display to take place from a firing site on land across from the Colorado Belle Hotel and Casino on Colorado River from 2100-2200 on 02 Jul 16 and 04 Jul 16. A safety zone will be in effect around the following coordinates:

35-09-53N 114-34-15W
35-09-53N 114-34-07W along the shoreline to 35-09-25N 114-34-09W
35-09-06N 114-34-17W along the shoreline to 35-09-53N 114-34-15W

Mariners are advised to exercise caution while transiting the area. For further details or comments contact Alysia Hofstra at 818-771-9724.

LNM: 23/16

MARINA DEL REY-FIREWORKS

The County of Los Angeles will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located on the south side of the Marina Del Rey entrance channel at 33-57-58N 118-26-59W. There will be a 420ft fallout zone around the barge. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18744 LNM: 23/16

MONTEREY BAY-MARINE EVENT

Tri-California Events will be sponsoring the Triathlon at Pacific Grove involving 1,200 swimmers in the area of Lover's Point Beach from 0730 to 1200 on 11 Jun 16 swimming the Olympic distance course, and from 0840 to 1200 on 12 Jun 16 swimming the sprint distance. Support vessels will include 1 whaler boat, 1 State Parks PWC, and 6 kayaks around the course following the swimmers. Twelve orange inflatable buoys will be placed to mark the course on 10 Jun 16 and will be removed at the conclusion of the event on the 12 Jun 16. Mariners are requested to transit the area with caution. For more details or comments contact MST1 Kerry Bolen at 415-399-7440 or the race director at 831-373-0678.

Chart 18685 LNM: 23/16

MONTEREY BAY-MOSS LANDING-ROV OPERATIONS

The Monterey Bay Aquarium Research Institute (MBARI) will conduct continuous, unmanned maritime vehicle data collection operations off of Moss Landing between 36-33N 122-42W and 37-12N 122-42W until 10 Jun 16. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moves at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 6.5ft x 2ft (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 wavglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574 / 408-636-4205

Chart 18685 LNM: 20/16

MORRO BAY-FIREWORKS

The Morro Bay Chamber of Commerce will sponsor a fireworks display on 04 Jul 16 conducted from a barge located offshore Morro Bay State Park. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18703 LNM: 23/16

NEVADA-NELLIS AFB-GPS TESTING

GPS testing will be conducted at Nellis AFB, NV site with an approximate center point of 36-13-03N 115-03-07W and possible impact radius of 104nm from center point from 1500Z-2230Z on 18 Jun 16. Mariners transiting this area may experience a disruption in their GPS signal. Systems that rely on GPS, such as E-911, AIS and DSC, may be unreliable during the test periods. More information is available on the Coast Guard Navigation Center website WWW.NAVCEN.USCG.GOV. GPS users are encouraged to report any GPS service outages to the Navigation Information service (NIS) at 703-313-5900, or by using the NAVCEN website to submit a GPS problem report. For more details or comments contact the Navigation Information Service (NIS) watch stander at 703-313-5900.

Chart 18687 LNM: 23/16

NEWPORT BEACH-TEMPORARY ANCHORAGE

The city of Newport Beach will be installing a temporary anchorage in the westernmost part of Newport Harbor near Lido Marina Village. The temporary anchorage will be in effect until 15 Sep 16 and is marked by four small, unlit buoys in the following coordinates:

33-37-07N 117-55-35W
33-37-08N 117-55-34W
33-37-05N 117-55-28W
33-37-01N 117-55-31W

Vessels will be permitted to anchor for short periods of time and the anchorage will be administered by the harbor patrol at 949-723-1002. For more details or comments contact Chris Miller at 949-644-3043.

Chart 18754 LNM: 23/16

NEWPORT HARBOR-MARINE CONSTRUCTION

Bellingham Marine Ind. will be driving pile in the Newport Harbor, specifically within the Rhine Channel just south of Woody's at 33-36-38N 117-55-40W from 15 Jun 16 through 31 Jul 16. A Flexi-float pile driving barge will be on scene monitoring VHF-FM Chan. 9 and 13. Mariners are requested transit the area with caution. For more comments or details contact John Wratten at 707-761-6270.

Chart 18754 LNM: 23/16

NOTHERN CALIFORNIA–HUMBOLDT BAY-WAVERIDER BUOY DEPLOYED

Scripps Institutions of Oceanography has deployed a waverider buoy 9nm northwest of Humboldt Bay at 40-53.76N 124-21.42W. The buoy is a 3ft diameter sphere with an attached telemetry whip antenna and is lighted with a flashing yellow light. The light timing sequence is a series of 5 flashes at 1 second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032.

Chart 18620 LNM: 22/16

OCEANSIDE-DREDGING

CJW Construction Inc. will be conducting dredging operations within the entrance channel ad the Oceanside Harbor at 33-12N 117-24W until 31 Jul 16. Dredge SANDCAT will be monitoring VHF-FM Chan. 78. Mariners are requested to transit the area with caution. For more details or comments contact Mike Munyon at 714-719-2944.

Charts: 18758 18774 LNM: 20/16

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- Construction of the replacement bridge continues Mon-Fri during daylight hours, and should be completed by Jun 2016. The southeast and northwest cofferdams protrude upstream and downstream into the channel, the corners are lighted at night with fixed red lights (see enclosure Cofferdam Lighting_US101_Petaluma.pdf at the end of this notice). Heavy equipment tires are attached

PETALUMA RIVER-BRIDGE

to the cofferdams to act as fendering. For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654 LNM: 26/13

PETALUMA RIVER-SHOALING

Shoaling has been reported at the Haystack Landing Railroad Bridge in Petaluma. The shoaling extends from the bridge pier on the north bank of the river, 80ft downstream and 140ft upstream from the bridge. The shoaling extends approximately 25ft into the channel. Mariners are requested to transit the area with caution. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18654 LNM: 51/15

PORT HUENEME-ATMOSPHERIC SURVEY

Naval Air Systems Command deployed a atmospheric survey mooring buoy at 34-05-52N 119-05-57W and will remain until 31 Oct 16. The Mooring Buoy is 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 roberto.m.garcia@navy.mil.

Chart 18724 LNM: 23/16

PORT OF LOS ANGELES-FIREWORKS

The City of San Pedro/Cabrillo Beach Boosters will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located in off of Cabrillo Beach in the Port of Los Angeles at 33-42-44.34N 118-16-47.84W. There will be an 800ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18751 LNM: 23/16

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

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION - Caltrans has installed turbidity curtains around the in-water piers in during pier removal over the next several months. The curtains lining the navigational channel through the trestles will be 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. Divers will be used to check the curtains as well as other work associated with bridge removal. Divers will be supported by dive vessels and support crews. The dive vessel will be on scene, out of the channel, during daylight hours, Mon-Sat, and moored off site when not in use. The dive vessel will monitor VHF-FM channel 13, 16, and 80A. The dive company, American Marine Corporation, will notify the Coast Guard Sector Los Angeles - Long Beach Command Center prior to deploying divers, if divers relocate, and upon conclusion of daily dive operations. The Coast Guard will issue a Broadcast Notice to Mariners during dive operations. Vessels needing to transit in the vicinity of dive operations are requested to contact AMERICAN MARINE DIVE VESSEL via marine radio at least 30 minutes prior to transiting the area to ensure diver safety. Mariners may contact USCG Sector LA/LB Command Center at 310-521-3805 for diving operation status. The main span of the being-demolished bridge has been removed and falsework removed from the channel. Two temporary eastern trestles remain in place at the replacement bridge site. The main navigation span of the bridge, between the temporary trestles, provides 48.5ft of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75ft of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Trestle_Lighting_Heim.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities are taking place from 0700 to 1530, Mon-Fri until May 2017. 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

REDONDO BEACH-FIREWORKS

The City of Redondo Beach/Pete Moffett Productions will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located in the vicinity of Redondo Beach Harbor in approximate position 33-50-31.178N 118-23-44.941W. There will be a 420ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18744 LNM: 23/16

SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE

Overhead power cables upstream of Sacramento River lights 11 and 12, in position 38-03.9N 121-47.15W have a reported reduced vertical clearance of 120.7 feet.

Chart 18660 LNM: 22/16

SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33 CFR 165.1131; 33CFR 165.1141). Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone Incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to $40,000.00. Furthermore, if a mariner holds a Merchant MarinerCredential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 04-15 SCI Safety Zone.pdf in the enclosure section.

Chart 18762 LNM: 39/15

SAN DIEGO - DIVING AND HIGH SPEED VESSEL OPERATIONS

The U.S. Navy will conduct day-only, research vessel operations, employing multiple craft involved in towing, high speed runs and maneuvering

SAN DIEGO - DIVING AND HIGH SPEED VESSEL OPERATIONS

until 24 Jun 16, in the areas bound by the following positions:
Area 1:
32-40N 117-12W
32-41N 117-11W
32-40N 117-12W
32-40N 117-11W
Area 2:
32-36N 117-14W
32-36N117-11W
32-34N 117-14W
32-34N 117-11W
Area 3:
32-50N 117-31W
32-50N 117-19W
32-40N117-31W
32-40N 117-19W
Mariners are requested to transit these areas with caution. For more details or comments contact Tom Jones at 619-553-7092 or CDR Anderson at 619-553-6115.

Chart 18740 LNM: 22/16

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE- Scaffolding installed at spans 13-14 and 18-19, west of the west main navigational channel, has reduced the vertical clearance by not more than 8ft and is lighted at night with red lights. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18773 LNM: 21/14

SAN DIEGO BAY-FIREWORKS

The Port of San Diego Big Bay Boom and Coronado Fourth of July fireworks shows will from 0900-2120 on 04 Jul 16. There will be total of five tug and barge combinations located off Shelter Island, Harbor Island, North Embarcadero, South Embarcadero, and within Glorietta Bay. A 1,000ft safety zone around each of the barges within north San Diego Bay and 800ft safety zone around the barge in Glorietta Bay will encompass all navigable waters around each barge and will be enforced from 0800-2200 in the following locations:
Shelter Island Barge: 32-42-48N 117-13-12W
Harbor Island Barge: 32-43-18N 117-12-00W
North Embarcadero Barge: 32-42-54N 117-10-49W
South Embarcadero Barge: 32-42-12N 117-10-00W
Glorietta Bay: 32-40-36N 117-10-05W
Mariners are requested to transit the area with caution and to avoid the safety zones. For more details or comments for the Big Bay Boom contact Sandy Purdon at 619-822-1177. For more details or comments for the Coronado 4th of July fireworks contact Carina Herrera at 909-355-8120.

Chart 18773 LNM: 23/16

SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering, INC. is conducting marine construction in San Diego at 32-42-17N 117-14-00W until 17 Jun 16. The work consists of removal and replacement of San Diego Bay Entrance Range Front Light. Spud barge RES 180 will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Ross McDonald at 619-233-0178.

Chart 18773 LNM: 23/16

SAN DIEGO BAY-MARINE EVENT

St. Vincent De Paul Village is sponsoring a triathlon marine event from 0600-0900 on 26 Jun 16 that includes a swim consisting of 1200 participants. The swim portion of the triathlon will be in the Harbor Island Marina Basin adjacent to Spanish Landing Park. Mariners are requested to transit the area with caution. For more details or comments contact Tobias Panek at 255-417-9709.

Chart 18773 LNM: 23/16

SAN DIEGO BAY-PIER 1-MARINE CONSTRUCTION

Manson Construction Co. will conduct marine construction and dredging in vicinity of San Diego Pier 1 at 32-41-30N 117-08-44W until 15 Nov 16. The disposal site will be at LA-5 Disposal site. Derrick barge VALHALLA, VALKYRIE; along with tug JEFFREY M and scow Rockport, Freeport, and Gulfport will be on site monitoring VHF-FM Chan. 13 and 65. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the dredge site. For more details or comments contact Project Manager Eric Faria at 562-762-5396.

Chart 18751 LNM: 07/16

SAN DIEGO TO MONTEREY-GPS TESTING

GPS testing will be conducted at the China Lake, CA site with an approximate center point of 36-08-21N 117-38-46W and possible impact radius of 253nm from center point from 1630Z-2230Z on the following days:
09 Jun 16
21 Jun 16
23 Jun 16
28 Jun 16

SAN DIEGO TO MONTEREY-GPS TESTING

30 Jun 16

Mariners transiting this area may experience a disruption in their GPS signal. Systems that rely on GPS, such as E-911, AIS and DSC, may be unreliable during the test periods. More information is available on the Coast Guard Navigation Center website WWW.NAVCEN.USCG.GOV. GPS users are encouraged to report any GPS service outages to the Navigation Information service (NIS) at 703-313-5900, or by using the NAVCEN website to submit a GPS problem report. For more details or comments contact the Navigation Information Service (NIS) watch stander at 703-313-5900.

Chart 18022 LNM: 22/16

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-LA JOLLA-RESEARCH BUOY ARRAY

Scripps Institution of Oceanography has deployed an array of research buoys off of Point La Jolla. There are six white spheres and six green cylinders, all submerged to depths varying from 18 inches to 16ft. The array is located within an area marked by yellow, radar reflective surface buoys lighted with a Fl Y 4s characteristic. The surface buoys are located at the following positions:

32-52-54.08N 117-16-09.61W
32-52-52.06N 117-16-14.85W
32-52-39.50N 117-16-20.48W
32-52-28.20N 117-16-08.06W
32-52-30.37N 117-16.02.32W
32-52-43.63N 117-16-01.82W

The buoys will remain on scene until further notice. Mariners are requested to remain clear of the array and transit the nearby area with caution. For more details or comments contact Lisa Hazard at 858-822-2873.

Chart 18740 LNM: 06/15

SAN DIEGO-PIER 1-MARINE CONSTRUCTION

Manson Construction Co. will conduct marine construction and dredging at BAE Systems San Diego Pier 1 North Dry Dock and South Bay Mitigation Site until 15 Oct 16. Derrick barge VALHALLA, VALKYRIE; along with tug JEFFREY M; scows ROCKPORT, EASTPORT, GULFPORT and survey vessel BAYOU BENGAL will be on site monitoring VHF-FM Chan. 13, 16, and 65. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the dredge site. For more details or comments contact Project Manager Brad Hunter at 562-762-5241.

Chart 18773 LNM: 12/16

SAN DIEGO-SHELTER ISLAND-MARINE CONSTRUCTION

The Kona Kai Resort & Spa is conducting marine construction until 16 Jun 16 to replace a failing seawall in the vicinity of the Kona Kai Marina along the northern shore of the southwestern portion of Shelter Island at 32-42-34N 117-13-56W. All work is to be conducted from land and no vessels will be on scene monitoring construction activities. Mariners are advised to use caution when transiting the area. For more details or comments contact Ron Withall at 760-586-5413 or ron.withall@gmail.com.

Chart 18773 LNM: 17/16

SAN DIEGO–DANA POINT HARBOR–DREDGING

CJW Construction, Inc. will conduct dredging operations in Dana Point Harbor, main channel and in the vicinity of the sailing events center dock breakwater in position 33-27-22N 117-41-39W until 20 Jun 16. Dredge operations will monitor VHF-FM 78 during operations. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Project Manager – Mike Munyon at 714-719-2944.

Chart 18746 LNM: 04/16

SAN FRANCISCO BAY-BRIDGE

SAN MATEO-HAYWARD BRIDGE - Caltrans' contractor, Liberty Maintenance, will be conducting maintenance during daylight hours, Monday through Saturday. A work platform will be installed below low steel of the bridge deck from piers 2 to 18 and from piers 21 to 38, 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. RACON M at the center of the main ship channel is inoperative. (See San Mateo Lighting Plan in the enclosure section). The main navigation span of the bridge, between piers 19 and 20 will remain clear at this time. 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-BRIDGE

Dumbarton Railroad Bridge-All navigation lights are extinguished on Dumbarton Railroad Bridge. For more comments or details contact Coast Guard Bridge Office at 510-437-3514.

Chart 18651 LNM: 23/16

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

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 LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652 LNM: 23/15

SAN FRANCISCO BAY-FIREWORKS

The San Francisco Giants will sponsor a pyrotechnics event involving one barge conducting a fireworks display near Pier 48 in San Francisco Bay from approximately 2200-2230 on 24 JUN 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18649 LNM: 23/16

SAN FRANCISCO BAY-MARINE EVENT

IMG Worldwide will be sponsoring the Escape from Alcatraz Triathlon involving 1,800 swimmers racing from the south side of Alcatraz Island 1.5 miles to Little Marina Green Beach, adjacent to St. Francis Yacht Club from 0730-0845 on 12 Jun 16. The swimmers will start from the Hornblower's M/V SF BELLE. There will be approximately 100 support and safety vessels in the area for the event. Mariners are requested to transit the area with caution. For more details or comments contact MST1 Kerry Bolen at 415-399-7440 or the race director at 310-562-2217.

Chart 18649 LNM: 23/16

SAN FRANCISCO BAY-OAKLAND HARBOR-DREDGING

Camenzind Dredging Inc. will be conducting dredging operations in Oakland Middle Harbor Enhancement Area at 37-48-10N 122-20-00W until 15 Jul 16. A submerged pipeline operated by dredge PAUL VINCENT will be marked with yellow floats and anchors with white buoys. The Operations will remain continuous for the duration of the project. Dredge PAUL VINCENT, work boat FESTER and barge Fred will monitor VHF-FM Chan. 16 and 67. Mariners are requested. For more details or comments contact Project Manager Kurt Camenzind at 650-424-0367.

Charts: 18650 18652 LNM: 06/16

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 18652 LNM: 16/15

SAN FRANCISCO BAY-OAKLAND-SUNKEN VESSEL

A sunken 56ft vessel has been reported in the vicinity of 5th Ave. Marina, Oakland at 37-47-18.91N 122-15-51.60W. Approximately 2ft to 4ft of the vessel's mast is out of the water and also marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18652 LNM: 39/15

SAN FRANCISCO BAY-PARADISE CAY HARBOR-DREDGING

Salt River Construction will conduct dredging operations in the Paradise Cay Homeowners Channel at 37-54-53N 122-28-32W until 30 Nov 16. The dredge/dump barges DB1 and DB2, along with tug IRENE LAURITZEN will monitor VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 13/16

SAN FRANCISCO BAY-RESEARCH BUOY DEPLOYMENT

The Coastal Oceanography Group at UC Davis Bodega Marine Laboratory deployed two research buoys in the vicinity of South Bay and Rocky Point at 37-46-29.3N 122-21-56.1W and 37-52-26.4N 122-37-37.2W. The buoys will remain at these locations until 31 Jul 16. The buoys are marked at the surface with a yellow 14ft trawl float and 12ft spar buoy with radar reflector, flag and amber light. For more more details or comments contact David Dann at 707-875-1931.

Chart 18649 LNM: 14/16

SAN FRANCISCO BAY-SAN FRANCISCO FERRY TERMINAL-CONSTRUCTION

Manson Construction will be installing a marine barrier in the vicinity of San Francisco Ferry Plaza at 37-47-49N 122-23-21W until 30 Aug 16. 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: 37/15

SAN FRANCISCO BAY-SAN FRANCISCO MARINA-SHOALING

Shoaling has been reported extending from the south side of the North Jetty at the entrance to San Francisco Marina. An unlighted white buoy has been established at 37-48-30N 122-26-23W in 9ft of water to mark the shifting shoal. The northern entrance is subject to rapid shoaling and should be avoided due to unknown depths. It is recommended that vessels transiting the marina enter and exit from the south side of the floating wave attenuator. Mariners are requested to transit the area with caution. For more details or comments contact Lawrence O'Donnel at 415-831-6322.

Chart 18649 LNM: 11/15

SAN FRANCISCO BAY-SAN RAFAEL BAY-DREDGING

Salt River Construction Corporation will be conducting dredging operations in the Larkspur Creek Channel, in position 37-56.43N 122-31.12W, until 15 Sep 16. Self contained dredge, DB1 and dump bar Irene Lauritzen (call sign WYN154) will be monitoring VHF-FM Chan. 13,14 and 77. A

SAN FRANCISCO BAY-SAN RAFAEL BAY-DREDGING

temporary anchor buoy will be placed at 37-56.3N 122-28.52W for a dump scow. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-543-1024.

Chart 18653 LNM: 22/16

SAN FRANCISCO BAY-SUISUN BAY-MARINE CONSTRUCTION

Cherne Contracting Corporation will be conducting marine construction operations on the Tesoro Avon Wharf in Suisun Bay at 38-02-56N 122-05-27W until July 2016. The work will include the construction of a new Berth 1A and replacement of the existing trestle between the wharf and land. Two temporary mooring buoys have been established at 38-03-5.76N 122-06-29.5W and 38-03-51.4N 122-06-32.6W. Derrick barges VANCOUVER and GENERAL; along with multiple flat barges will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Glenn Olson at 253-377-4078.

Chart 18656 LNM: 28/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI -A Safety Zone has been established from 1000 feet west of pier "I" 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 "T1-E2" 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.

Work is in progress in removing the spans between piers I-N, Typical in-water equipment to be utilized are two 250' X 72' X 15' barges, two 99' X 99' crane barges, and a 133' X 46' material barge, spudded and anchored beneath the structure. Typical anchor lines will extend from each corner of the barges out 1500 feet. Each corner of the anchored barges shall be lighted at night will an all-round red lights. Red lights will mark the upstream and downstream portion of the pier bases until their removal. (see Barge-504Removal.pdf in enclosure section)

For details at the work site, mariners may contact Caltrans at 650-222-7242 or the Contractor at 510-774-1204. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650 LNM: 43/08

SAN FRANCISCO-OCEAN BEACH-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a near shore geophysical survey off of Ocean Beach until 09 Aug 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 6.5nm from shore to document the effects of large wave events on seafloor morphology. For more details or comments contact Jenny White at 831-460-7485.

Charts: 18649 18652 LNM: 16/16

SAN PABLO BAY-OSTRUCTION TO NAVIGATION

There has a been a report of an unknown unlit yellow can buoy at 37-53-09N 122-24-09W 0.5nm northwest of Southampton Shoal Light. Mariners are requested to transit the area with caution and report any relevant observations regarding this buoy to D11 Private Aids to Navigation Manager at 510-437-2984.

Chart 18640 LNM: 18/16

SAN RAFAEL CREEK-DREDGING

Salt River Construction Corporation will be conducting dredging operations in San Rafael Creek in the vicinity of the Marin Yacht Club, in position 37-58.22N 122-291W, until 31 Jul 16. Self contained dredge, DB2 and dump barge Brandy Bar (call sign WDH7323) or barge Irene Lauritzen (call sign WYN154) will be monitoring VHF-FM Chan. 13,14 and 77. A temporary anchor buoy will be placed in position 37-58.21N 122-29.97W for a dump scow. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-543-1024.

Chart 18652 LNM: 22/16

SANTA BARBARA-FIREWORKS

The City of Santa Barbara will sponsor a fireworks display on 04 Jul 16 conducted from a barge located in the vicinity of the Santa Barbara Harbor Entrance. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18725 LNM: 23/16

SANTA CATALINA ISLAND-FIREWORKS

The Catalina Island Chamber of Commerce will sponsor a fireworks display at 2100 on 04 Jul 16 conducted from a barge located in Avalon Bay. There will be a 1000ft fallout zone around the launch site. A safety zone pursuant to 33 CFR 165.1125 will be enforced for the fallout zone. Mariners are requested to transit the area with caution. For more details or comments Sector LA/LB Waterways Management at 310-521-3860.

Chart 18757 LNM: 23/16

SANTA CRUZ-SEASONAL ATON ESTABLISHMENT DELAYED

The establishment of the following seasonal AtoN has been delayed until dredging operations are completed in Santa Cruz Harbor:

Santa Cruz Harbor Buoy 1 (LLNR 4090)
Santa Cruz Harbor Lighted Buoy 2 (4095)

SANTA CRUZ-SEASONAL ATON ESTABLISHMENT DELAYED

Santa Cruz Harbor Buoy 3 (4100)
Santa Cruz Harbor Buoy 4 (4105)

Chart 18685 LNM: 17/16

SANTA CRUZ-SHOALING

The harbormaster's office in Santa Cruz has reported significant shoaling in the entrance to Santa Cruz due to recent weather events. Mariners are advised to exercise caution when operating in this area as actual water depths may vary from charted depths.

Chart 18685 LNM: 50/15

SOUTHERN CALIFORNIA-HERMOSA BEACH AND MILLENIUM BEACH-SEABED SURVEY

M/V Ocean Observer will conduct a sea floor survey from Hermosa and Millennium beaches to 200 miles seaward until 5 Jul 16. M/V Ocean Observer will monitor VHF-FM Chan. 14 and 16. Mariners are requested to transit the area with caution. For more details contact Tom W. Rueter at 907-562-8808

Chart 18700 LNM: 22/16

SOUTHERN CALIFORNIA–GULF OF SANTA CATALINA - USV OPERATIONS

The US Navy will be conducting unmanned surface vehicle (USV) operations 11 - 23 Jun 16 in the Gulf of Santa Catalina in a box bounded to the north by parallel 33-22.0N, to the south by parallel 32-43.0N, to the east by 117-26.0W and to the west by 118- 34.0W. Operations will be conducted from M/V MERLIN. The six USVs are 10-ft long and 3-ft wide with only a few inches of freeboard. All have 3-ft masts with orange flag and white fixed steady all around light. During these operations MERLIN and the USVs will be restricted in their ability to maneuver. MERLIN will monitor VHF FM Chan 16. Mariners are requested to transit the area with caution and maintain a safe distance of 1000-yds from MERLIN and the USVs. Questions regarding these operations should be directed to Anna Nguyen at (619) 553-5943 or Mark Gillcrist at (619) 203-1348.

Chart 18774 LNM: 22/16

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

MSIB Voluntary Traffic Lane 11-09.pdf

See link above.

LNM: 09/10

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

DELTA & RIVERS-DISCOVERY BAY-WERNER DREDGER CUT-BRIDGE

Orwood_Lighting_Diagram2.pdf

See Link Above

Chart 18661 LNM: 25/15

SAN CLEMENTE ISLAND SAFETY ZONE

MSSB 04-15 SCI Safety Zone.pdf

See link above.

LNM: 39/15

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

Trestle_Lighting_Heim.pdf Pier_Removal_Plan_Drawing.pdf

See Link Above

LNM: 45/11

MARINE SAFETY INFORMATION BULLETION

MSIB 15-07.pdf

See link above.

LNM: 47/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

2016 Speed Reduction Zone.pdf

See link above.

Chart 18645 LNM: 17/16

MONTEREY BAY-GEOPHYSICAL SURVEY

Geophysical Survey Operations.pdf

See link above.

LNM: 46/15

PETALUMA RIVER-BRIDGE

Cofferdam Lighting_US101_Petaluma.pdf

See link above.

LNM: 26/13

SAN FRANCISCO BAY-BRIDGE-SAN MATEO/HAYWARD BRIDGE

SanMateo_LightingPlan.pdf

See link above for barge and below deck lighting diagram.

LNM: 11/16

CARQUINEZ STRAIT-BRIDGE

Carquines Strait Bridge.pdf

See link above.

Chart 18655 LNM: 13/16

NEWPORT BAY-GRAND CANAL-BRIDGE

SafetyZoneGrandCanal.pdf

See link above for safety zone.

LNM: 13/16

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

2015-2017_East_SFOBB_SafetyZone.pdf Barge_Lighting_504RemovalSFOBB.pdf

See links above for safety zone, barge mooring and lighting diagrams.

LNM: 04/16

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

A.E. Wirts
U.S. Coast Guard
Chief Waterways Management Branch

U. S. Coast Guard
Sector Los Angeles – Long Beach

MARINE SAFETY INFORMATION BULLETIN 11-09

Los Angeles / Long Beach Harbor Safety Committee
Voluntary Western Traffic Lanes

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

Voluntary Western Traffic Lanes

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as "voluntary western traffic lanes."). The new voluntary western traffic lanes are not approved by the IMO, nor are they approved by any U.S. federal authority, including the U.S. Coast Guard. The LA/LB HSC developed theses lanes as a voluntary measure to promote vessel safety. The Coast Guard is taking separate action to study the increased traffic in this area.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx.

Pacific Missile Test Range, Point Magu

Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact "PLEAD CONTROL" on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact "PLEAD CONTROL", contact "SAN PEDRO TRAFFIC" on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

Whales

Mariners are further reminded that large whales, including Blue, Grey, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Santa Barbara Channel, both within the TSS as well as to the south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

Recreational and Fishing Vessels

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area. Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

Questions

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.

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 _____

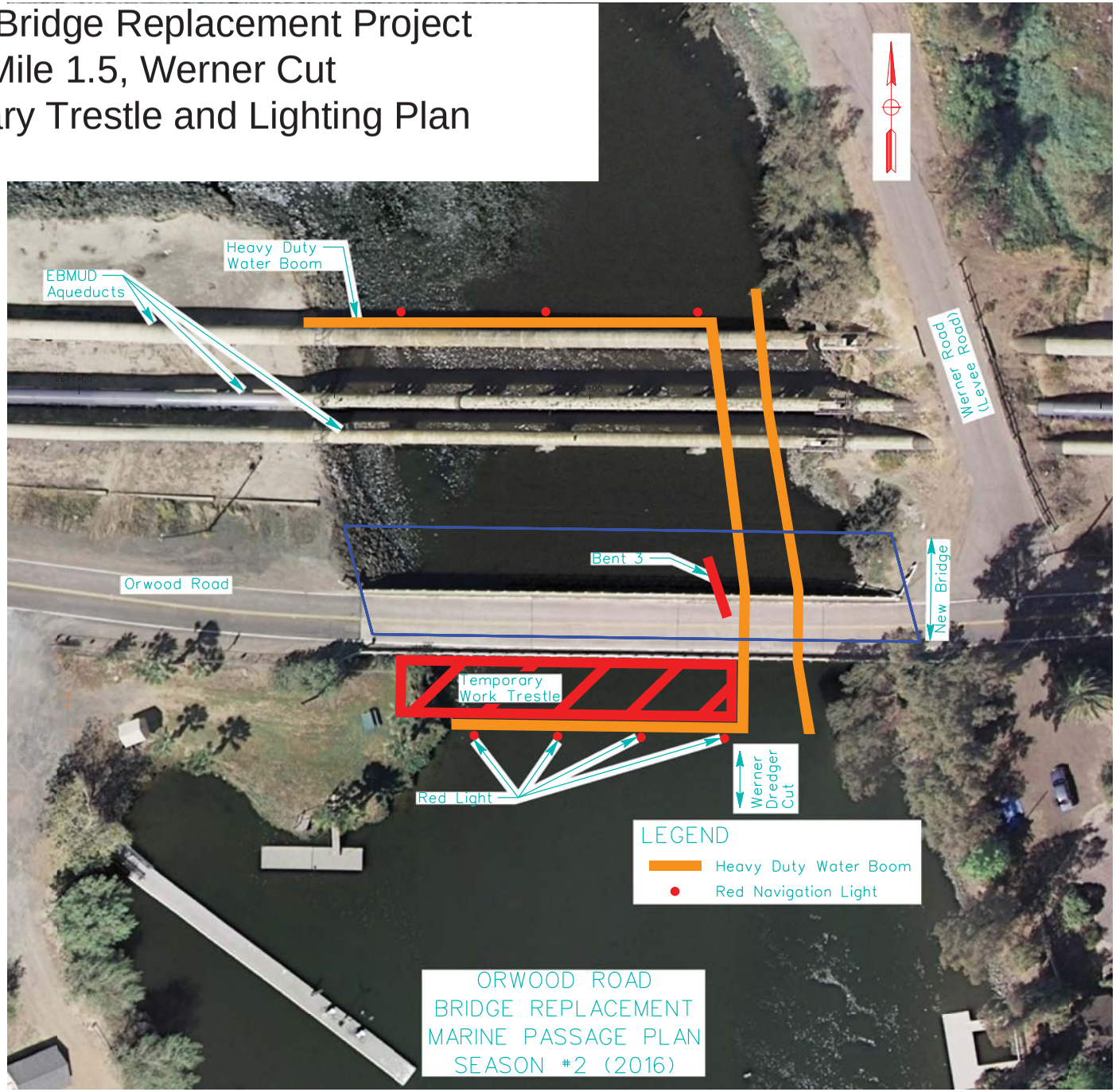
Telephone _____

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

Orwood Bridge Replacement Project
Mile 1.5, Werner Cut
Temporary Trestle and Lighting Plan

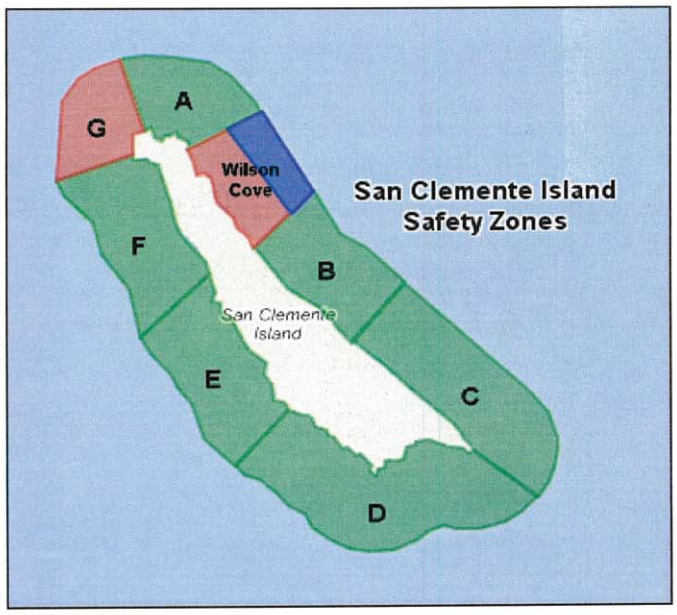


Maritime Safety and Security Bulletin: 04-15

Effective Date: 03 October 2015

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



https://www.scisland.org/

Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 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 D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil.

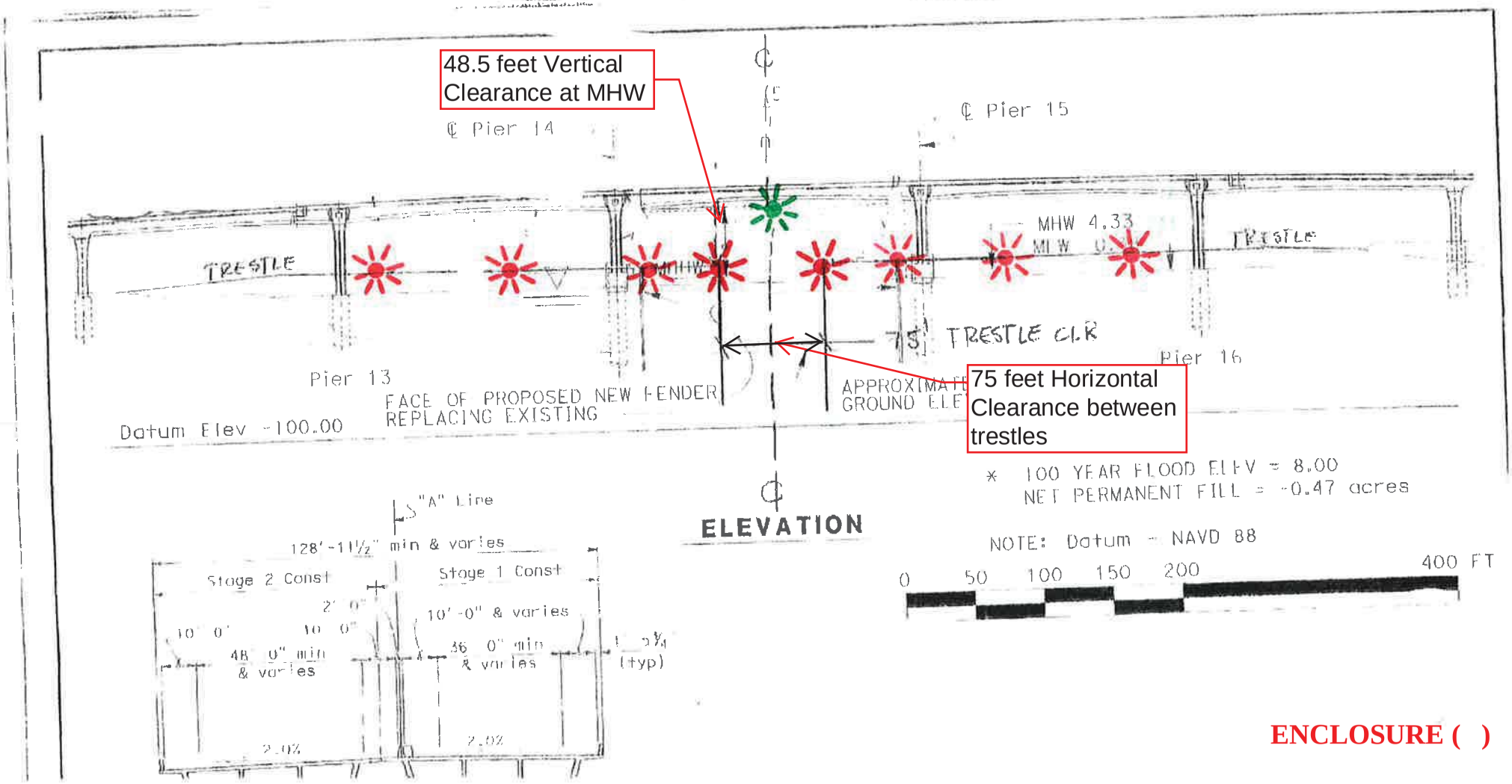
CAPT, USCG

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

Replacement Schuyler Heim Bridge Project

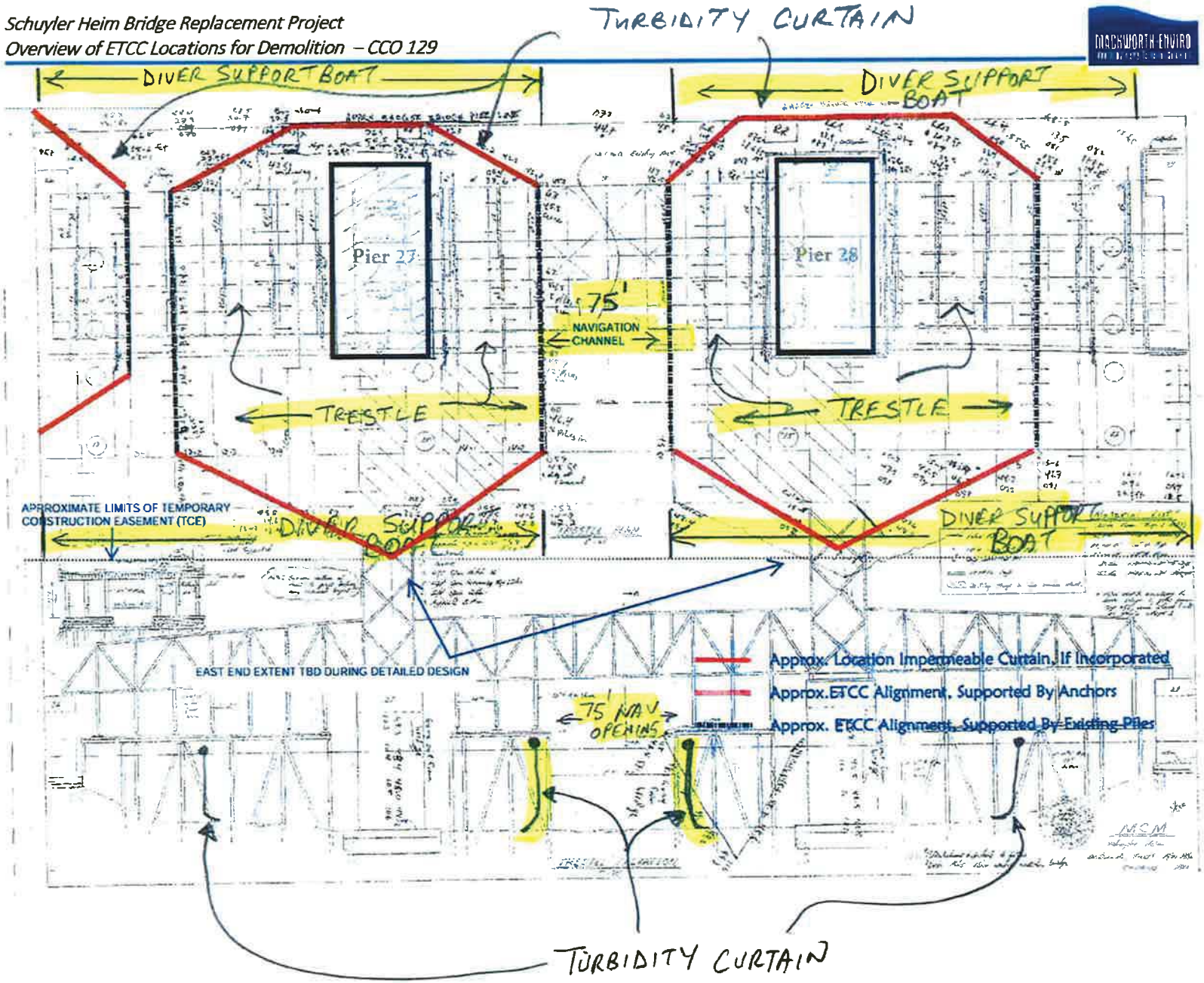
Temporary Lighting Diagram during Construction

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



ENCLOSURE ( )

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



MACKWORTH GROUP, LLC
WWW.MACKWORTH-ENVIRO.COM

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

SHBRP - CCO 129 - TCP

MARINE SAFETY AND SECURITY
INFORMATION BULLETIN
(MSIB) 15-07

September 28, 2015

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

Establishment of Anchorage Berths in General Anchorges 7, 8 and 8A*

On September 10, 2015 the Harbor Safety Committee of the San Francisco Bay Region adopted a proposal to establish anchorage berthing schemes in general anchorages 7, 8 and 8A*. These berthing schemes will provide more efficient use and greater predictability of the available space in these anchorages. Specific berth information is contained in the tables below.

	ANCHORAGE 7 BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
7N	37° 49.617'N	122° 23.403'W
7S	37° 49.178'N	122° 22.967'W

	ANCHORAGE 8 BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
8N	37° 47.575'N	122° 21.485'W
8C	37° 47.395'N	122° 20.890'W
8S	37° 46.910'N	122° 21.050'W
8E1	37° 47.835'N	122° 21.000'W
8E2	37° 46.905'N	122° 20.480'W

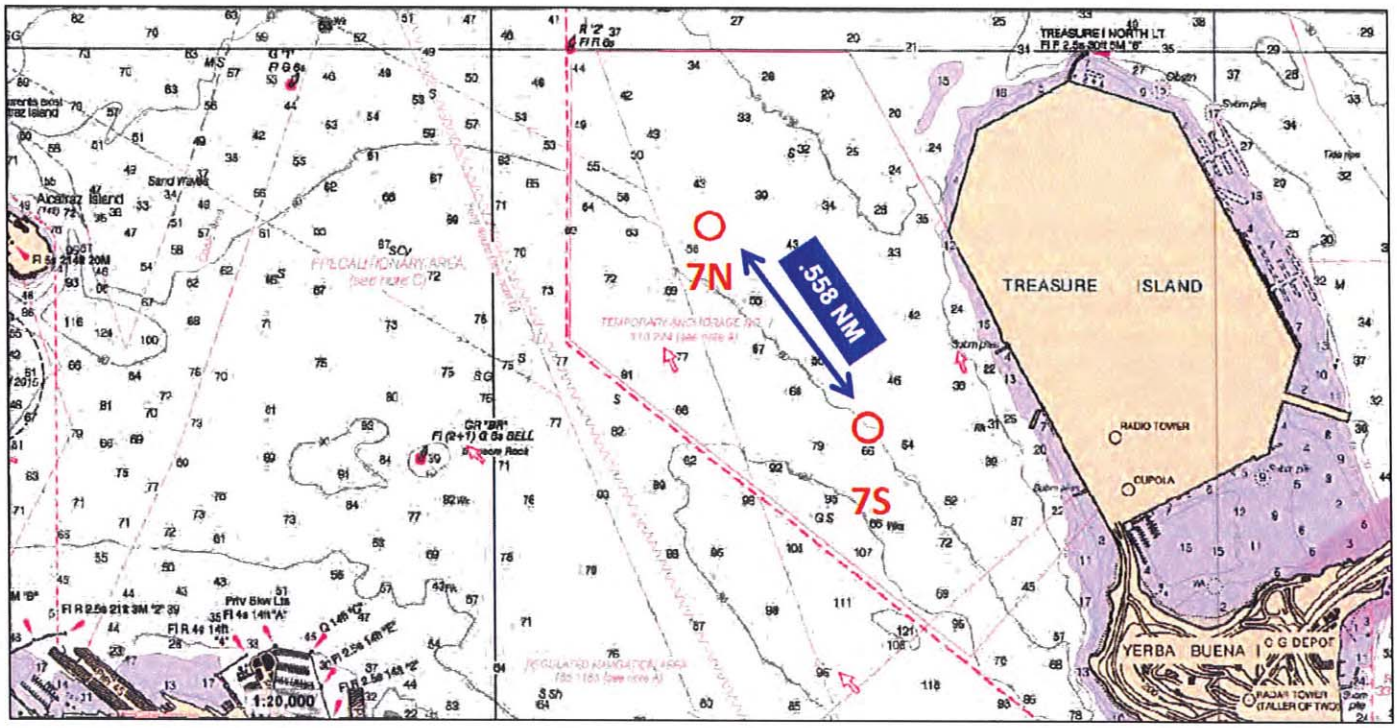
	ANCHORAGE 8A* BERTH COORDINATES	
	COORDINATES INDICATE CENTER OF .05NM (100YD) DIAMETER DROP BUCKET	
Berth	Latitude	Longitude
8A	37° 47.050'N	122° 21.725'W

*Anchorage 8A exists only when activated by VTS.

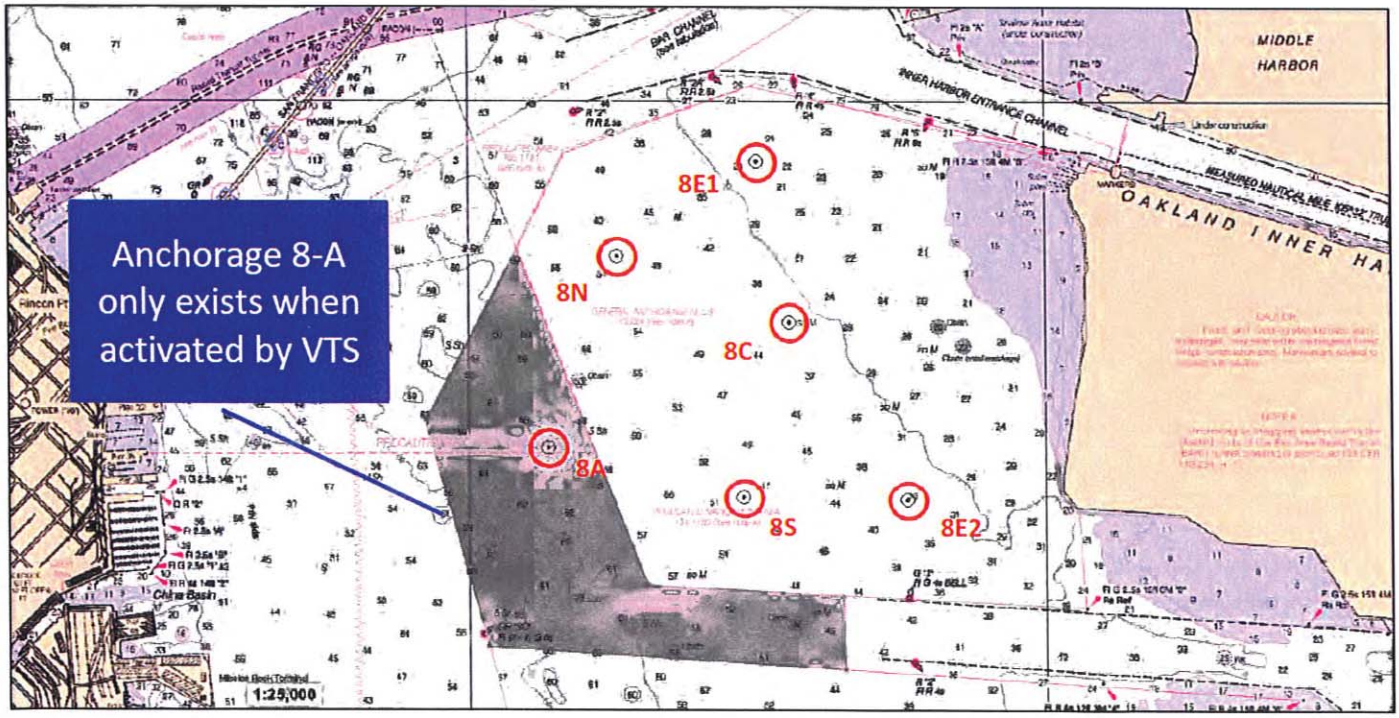
All existing regulations governing the use of these anchorages remain in effect. Vessels using these anchorages should strive to let go their anchor in the center of the drop bucket. For additional information please contact Sean Kelley, Sector San Francisco VTS Director (415) 399-7402.

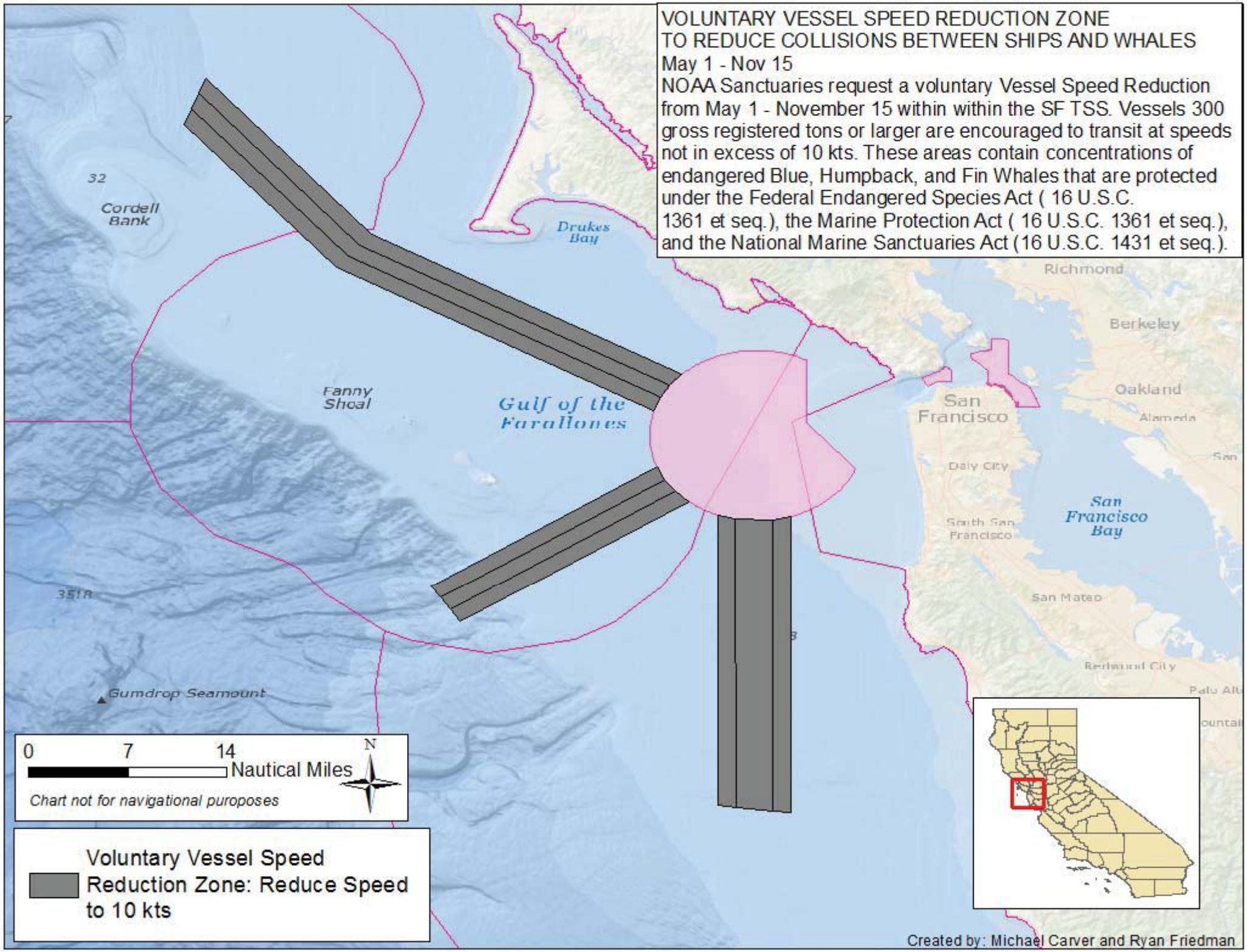
G. G. Stump
Captain, U.S. Coast Guard
Captain of the Port

General Anchorage 7 berths
Drop circles or "buckets" are .05NM (100 yds) in diameter



General Anchorages 8 & 8-A berths
Drop circles or "buckets" are .05NM (100 yds) in diameter




VOLUNTARY VESSEL SPEED REDUCTION ZONE
TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES
May 1 - Nov 15
NOAA Sanctuaries request a voluntary Vessel Speed Reduction from May 1 - November 15 within within the SF TSS. Vessels 300 gross registered tons or larger are encouraged to transit at speeds not in excess of 10 kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1361 et seq.), the Marine Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).
Cordell Bank
Drakes Bay
Fanny Shoal
Gulf of the Farallones
Richmond
Berkeley
Oakland
Alameda
San Francisco
Daly City
South San Francisco
San Francisco Bay
San Mateo
Redwood City
Gumdrop Seamount
0 7 14
Nautical Miles
N
Chart not for navigational puroposes
Voluntary Vessel Speed Reduction Zone: Reduce Speed to 10 kts
Created by: Michael Carver and Ryan Friedman

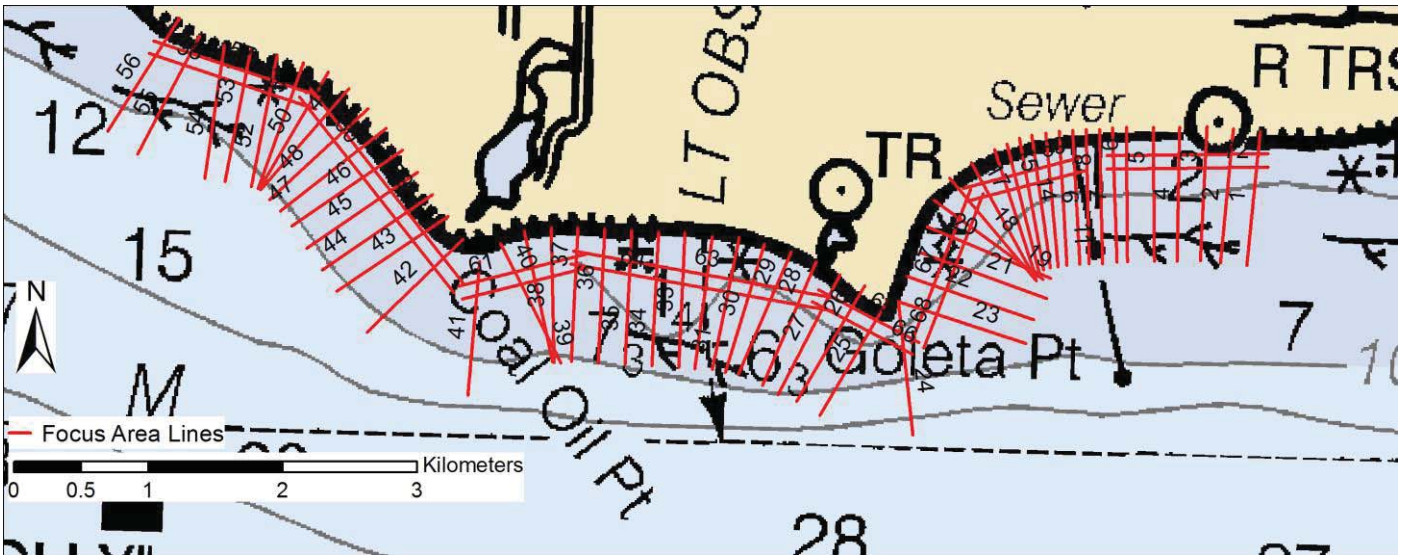


Figure 1a. Goleta focus area lines 1-72

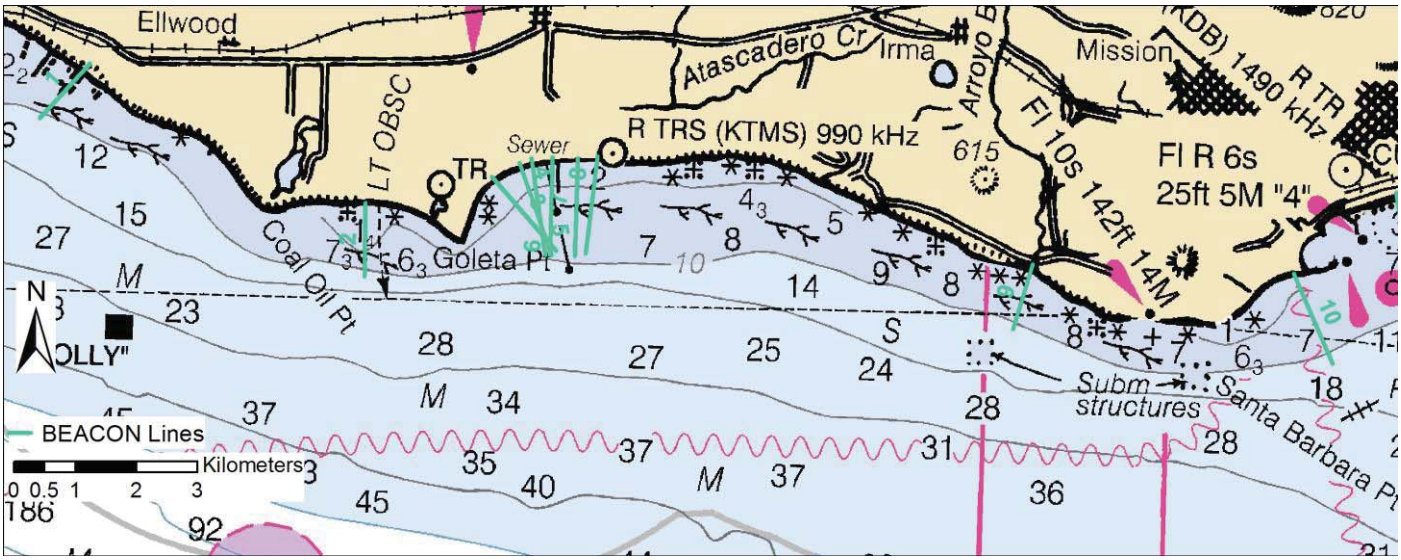


Figure 1b. Goleta-area BEACON lines 1-10

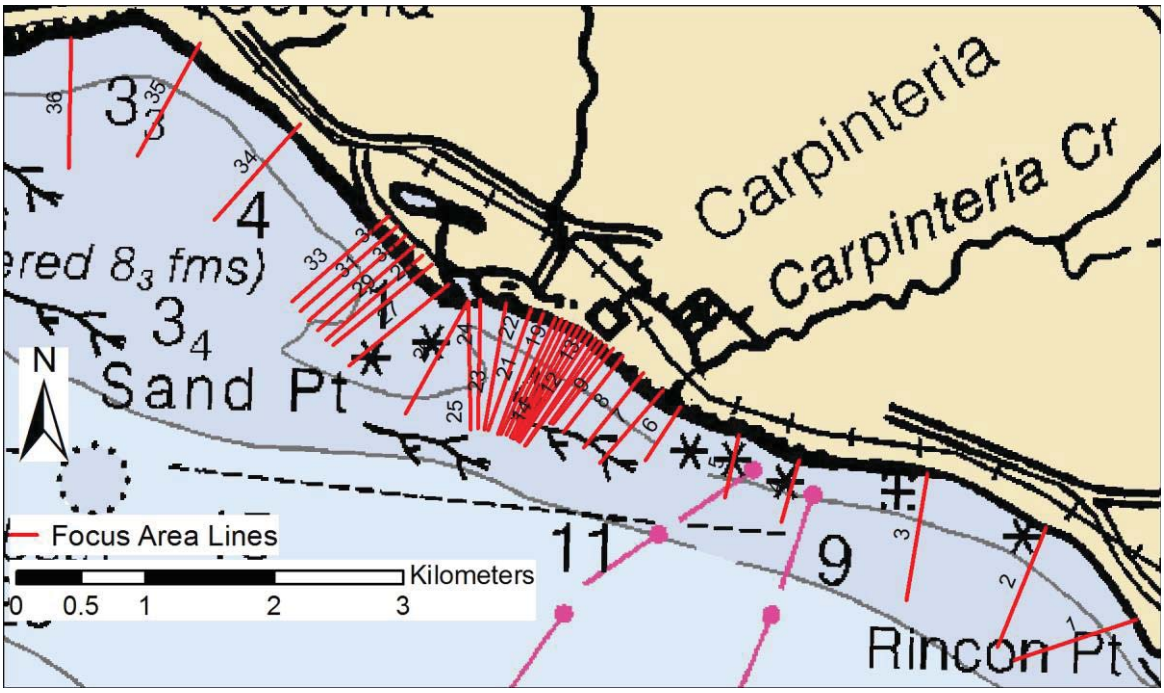


Figure 2a. Carpinteria focus area lines 1- 42

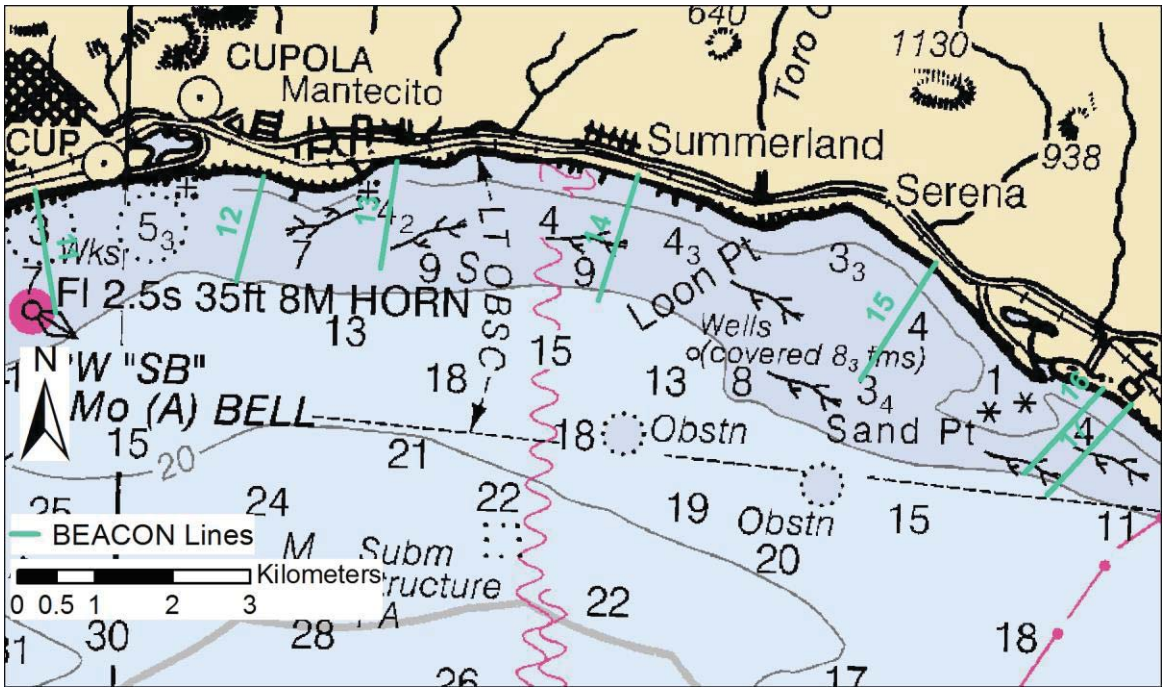


Figure 2b. Carpinteria area BEACON lines 11-17

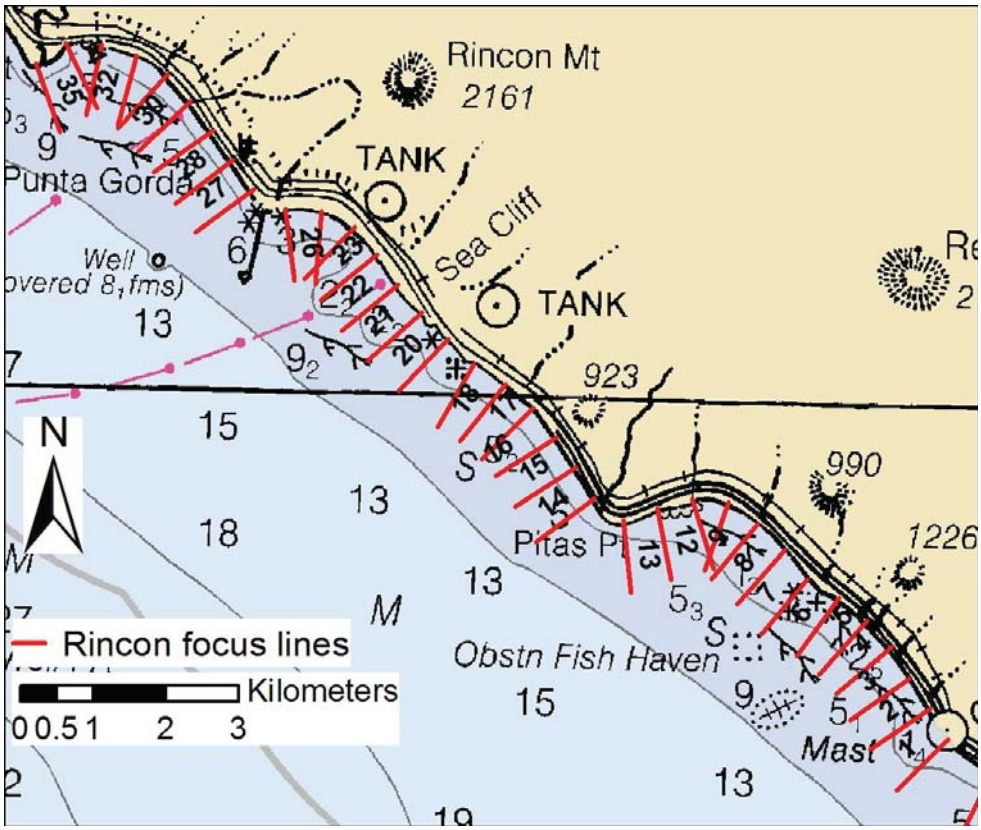


Figure 3a. Rincon focus area lines 1- 35

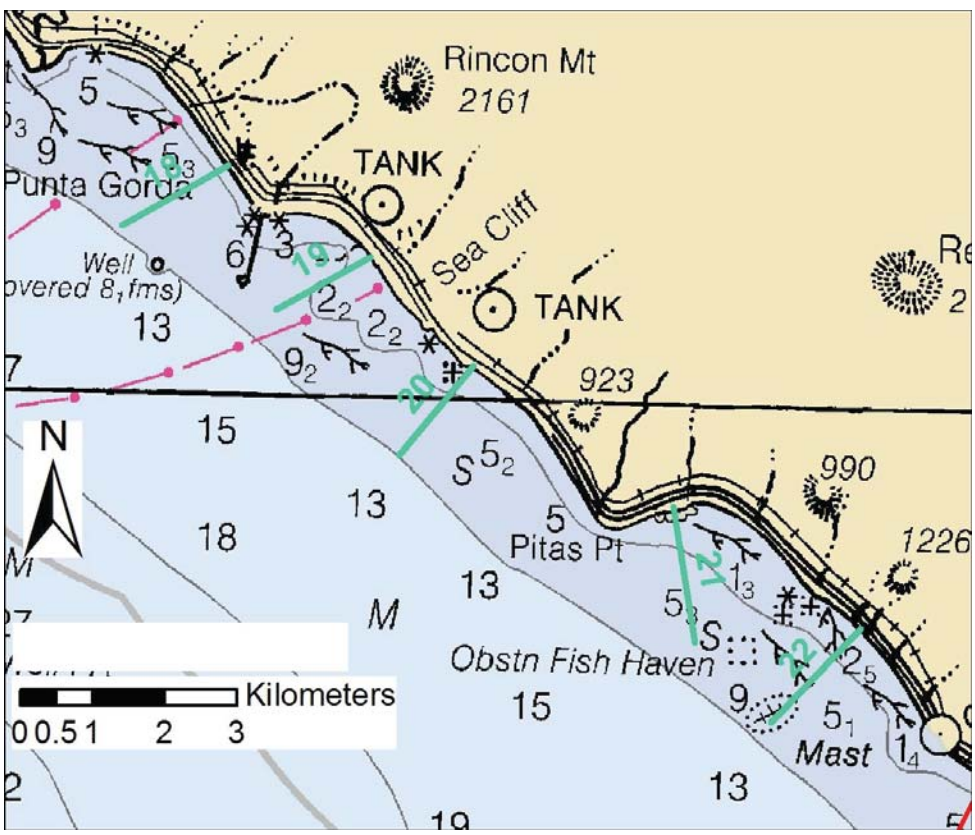


Figure 3b. Rincon-area BEACON lines 18-22

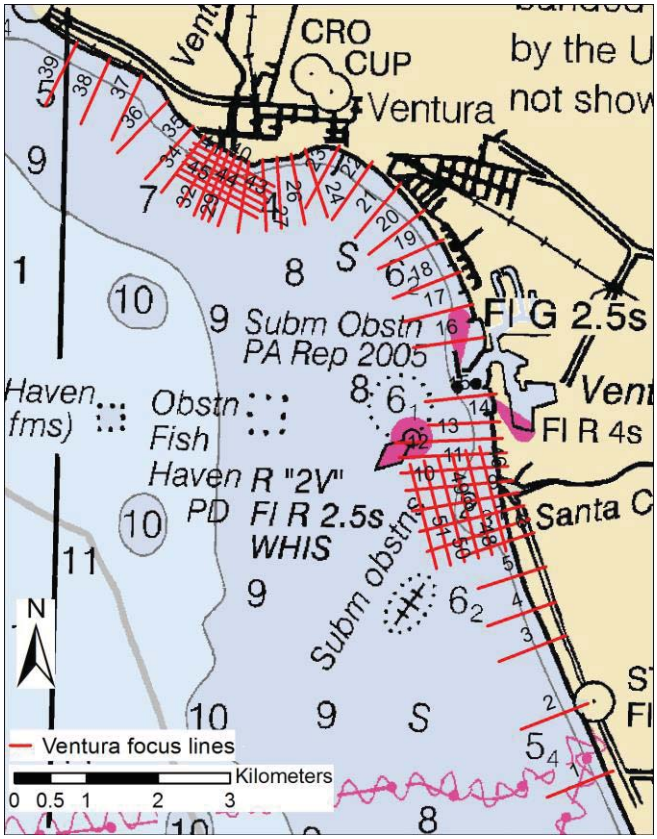


Figure 4a. Ventura focus area lines 1- 51

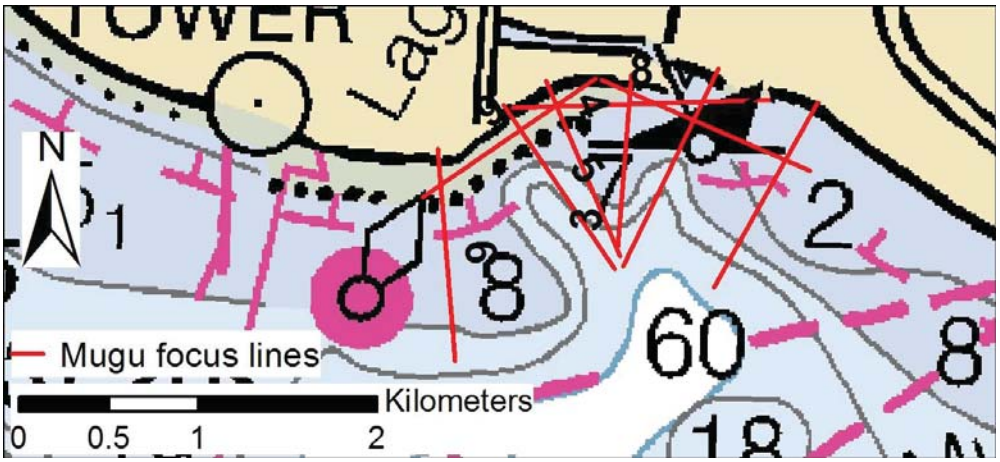


Figure 4b. Ventura-area BEACON lines 23-36

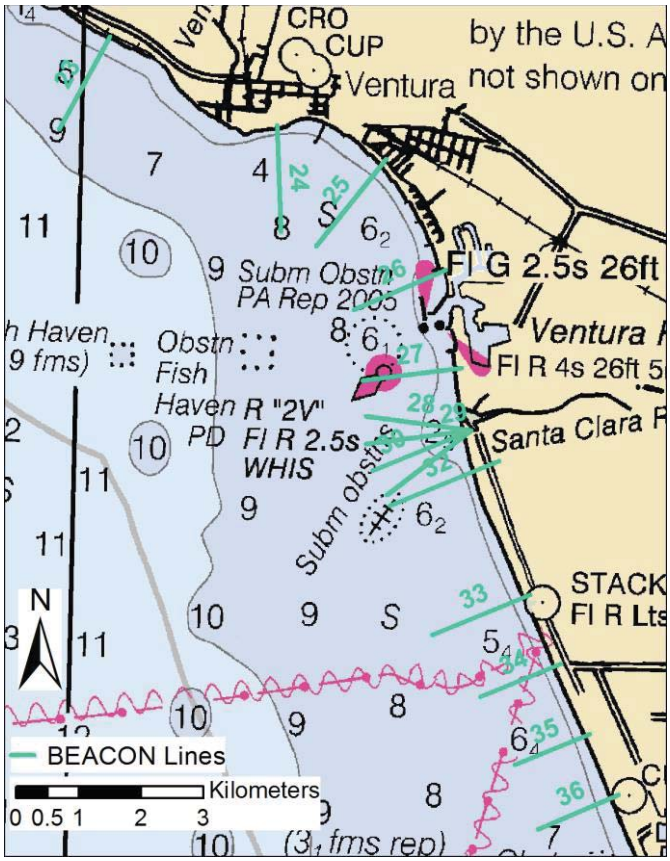


Figure 5a. Mugu focus area lines 1- 9

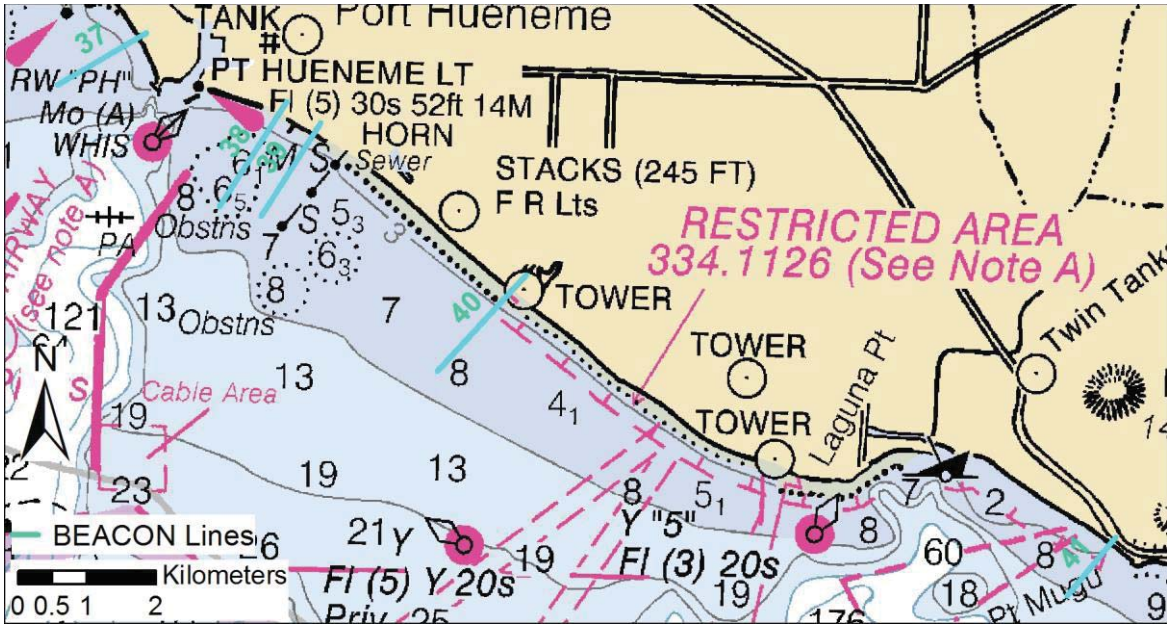


Figure 5b. Mugu-area BEACON lines 37-41

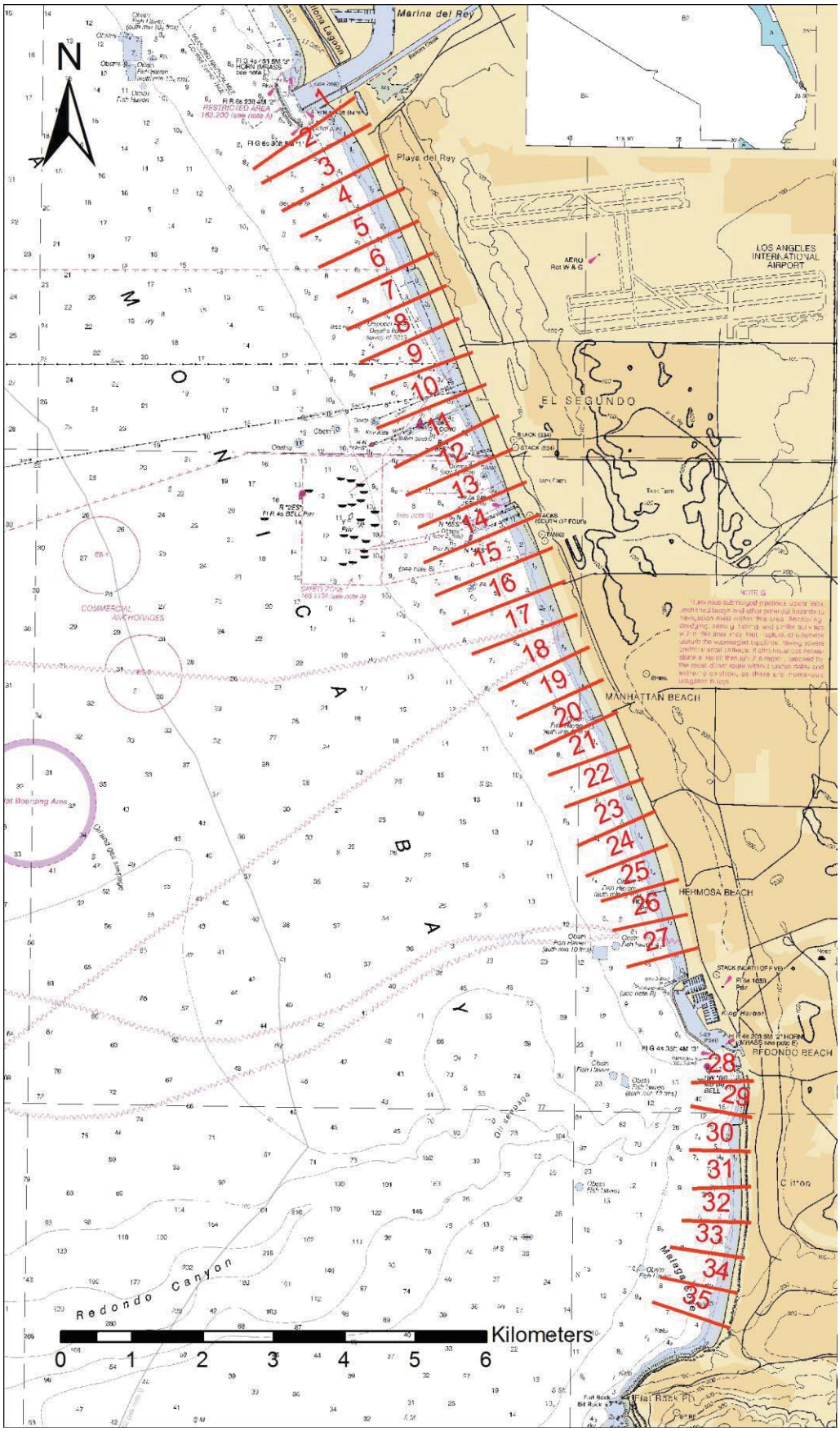


Figure 6. Santa Monica Bay lines 1-35 (NEW SURVEY AREA)

The overall (original) survey area is bounded by the coordinates:
34° 4.877’ -119° 3.851’
34° 4.877’ -119° 55.254’
34° 25.733’ -119° 3.851’
34° 25.733’ -119° 55.254’

The focus area and associated BEACON line survey areas are bounded by the coordinates:

1a. Goleta focus	1b. Goleta-area BEACON
34° 23.777 -119° 54.519	34° 23.386 -119° 55.254
34° 23.777 -119° 48.880	34° 23.386 -119° 41.382
34° 25.369 -119° 54.519	34° 25.733 -119° 55.254
34° 25.369 -119° 48.880	34° 25.733 -119° 41.382

2a. Carpinteria focus	2b. Carpinteria-area BEACON
34° 22.335 -119° 34.233	34° 22.969 -119° 40.751
34° 22.335 -119° 28.767	34° 22.969 -119° 31.480
34° 24.844 -119° 34.233	34° 25.183 -119° 40.751
34° 24.844 -119° 28.767	34° 25.183 -119° 31.480

3a. Rincon focus	3b. Rincon-area BEACON
34° 17.130 -119° 28.628	34° 17.646 -119° 27.816
34° 17.130 -119° 20.303	34° 17.646 -119° 21.056
34° 22.564 -119° 28.628	34° 21.709 -119° 27.816
34° 22.564 -119° 20.303	34° 21.709 -119° 21.056

4a. Ventura focus	4b. Ventura-area BEACON
34° 11.659 -119° 20.175	34° 10.427 -119° 20.225
34° 11.659 -119° 14.877	34° 10.427 -119° 14.230
34° 17.289 -119° 20.175	34° 17.208 -119° 20.225
34° 17.289 -119° 14.877	34° 17.208 -119° 14.230

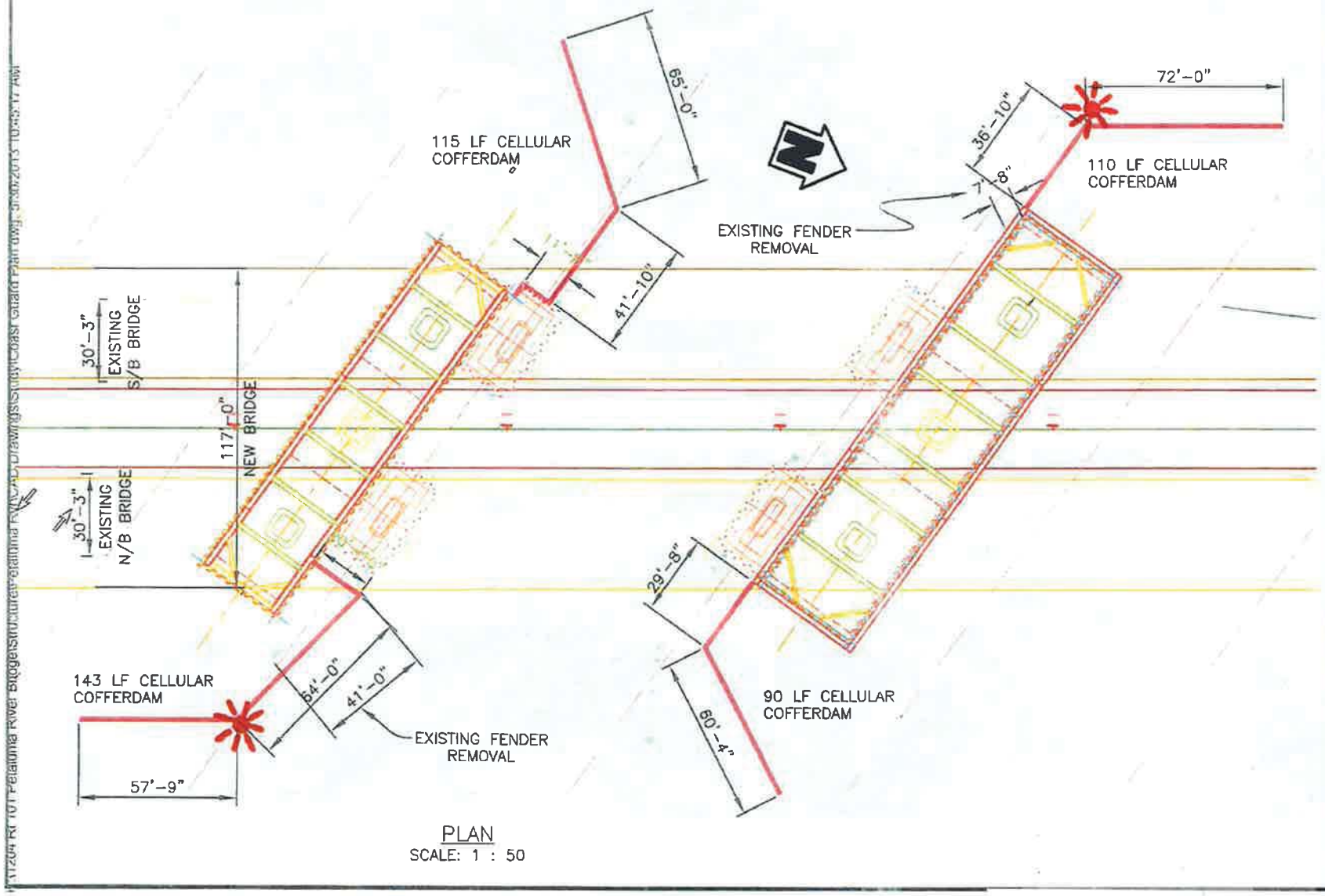
5a. Mugu focus	5b. Mugu-area BEACON
34° 5.132 -119° 6.472	34° 4.877 -119° 13.916
34° 5.132 -119° 5.044	34° 4.877 -119° 3.851
34° 6.031 -119° 6.472	34° 9.122 -119° 13.916
34° 6.031 -119° 5.044	34° 9.122 -119° 3.851

Additionally, the new survey area (Santa Monica Bay) is bounded by the coordinates:
33° 57.726 -118° 28.059
33° 48.356 -118° 28.059
33° 57.726 -118° 23.359
33° 48.356 -118° 23.359

Cofferdam Lighting Diagram

Replacement U.S. 101 Highway Bridge, Mile 12.5, Petaluma River

The corners of the northwest and southeast cofferdams shall be lighted at night with steady burning all round red lights, securely fastened, visible at 1,000 yards by approaching vessels.



PETALUMA RIVER BRIDGE
COAST GUARD GENERAL PLAN

C.C. MYERS INC.
3286 Fitzgerald Road, Rancho Cordova, CA 95742
P.O. Box 2948, Rancho Cordova, CA 95741
916-635-9370 Fax 916-635-1527

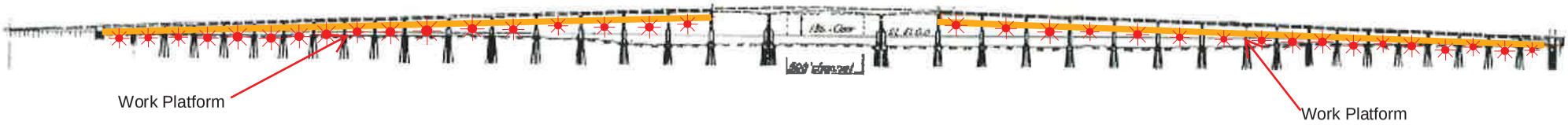
SHEET NUMBER 1 OF 1 SHEETS

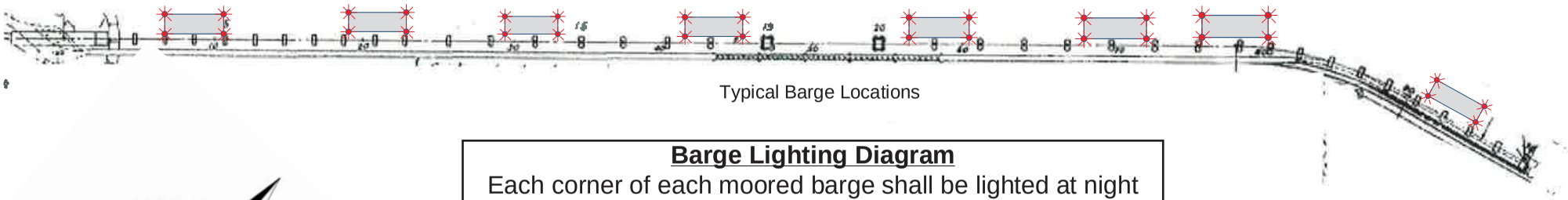
Coast Guard Plan

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

Below Deck Work Platform Lighting

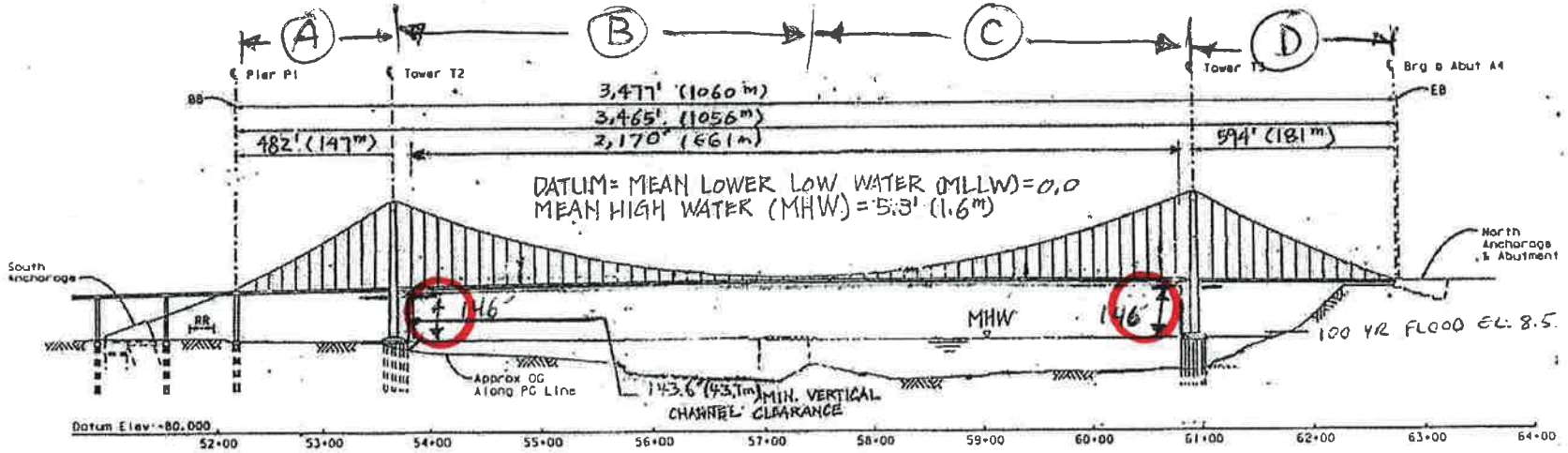
The below deck platform will be lit at night with steady burning red lights placed upstream and downstream on the lowest hittable portion of the platform spaced every 75 feet.



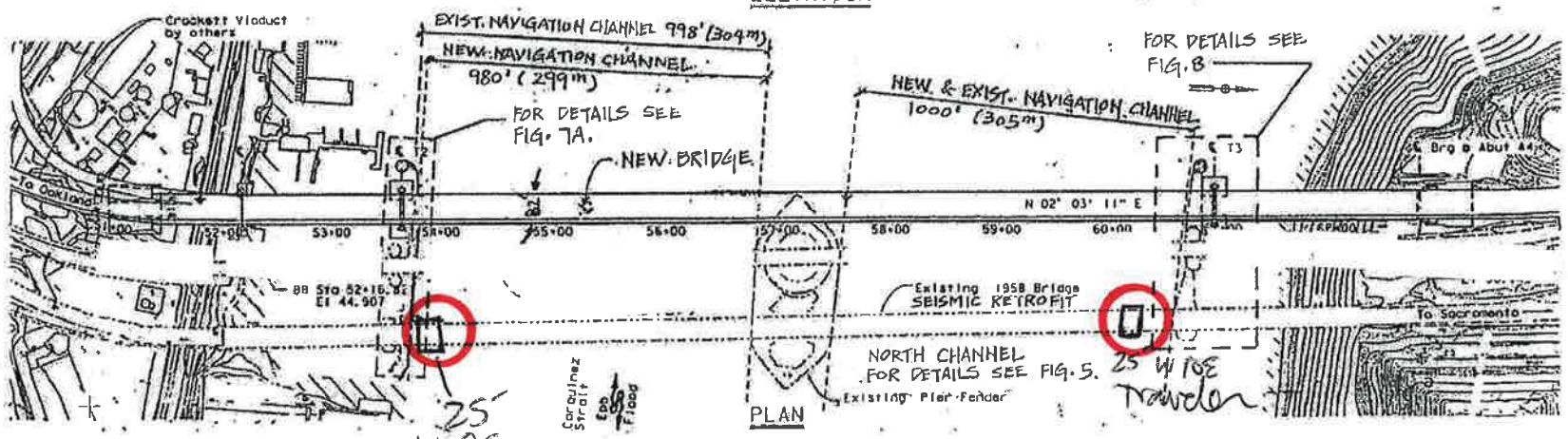


Barge Lighting Diagram

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



ELEVATION



PLAN

ALL HORIZONTAL CLEARANCES ARE MEASURED FROM FACE OF FENDER TO FACE OF FENDER.

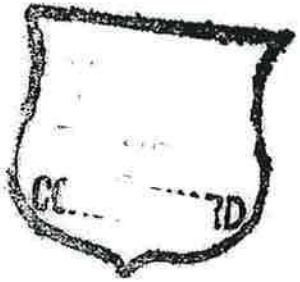
FIGURE 4

GENERAL PLAN

0 100m 200m 300m 400m 500m

0 100FT 500FT 750FT 1000FT 1250FT 1500FT

Purpose: Replace the 1927 West Carquinez Bridge Datum: Mean Lower Low Water (MLLW) September 8, 1998 Revised December 28 '98	FIGURE 3 PLAN + ELEV. Caltrans District 4 111 Grand Avenue P.O. Box 23660 Oakland, CA 94623-0660 Scale: See Above	Carquinez Bridge Project In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties Application by Caltrans District 4 Sheet 3 of 3



Safety Zone
Grand Canal, Newport Beach

The Captain of the Port has established a temporary safety zone (area highlighted in red below) in support of navigation safety during the Park Ave Bridge Replacement at Newport Beach Grand Canal on Balboa Island from 04 Apr 2016 through 31 Jan 2017.

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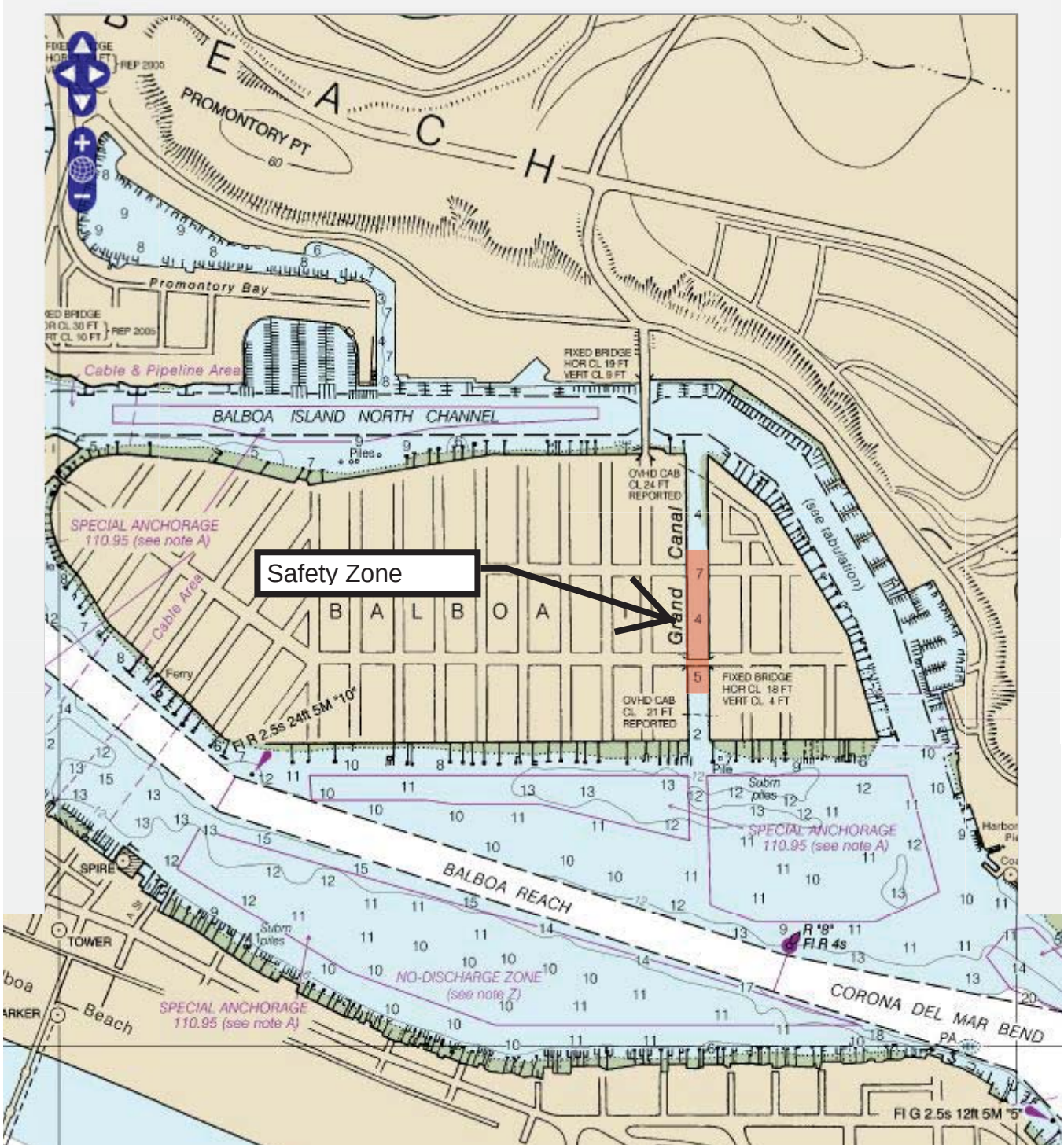
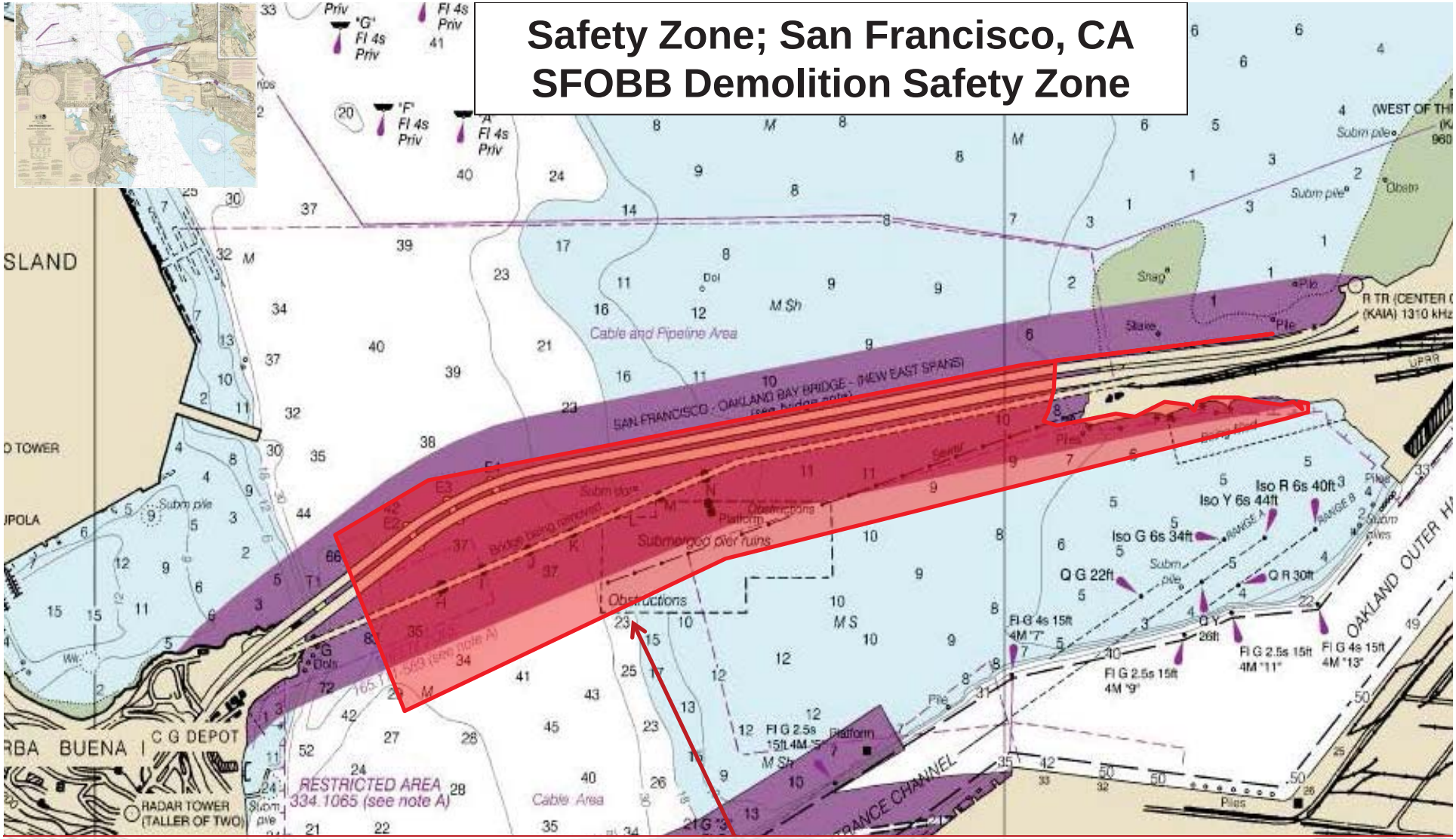
Persons and vessels are prohibited from entering into, departing from, transiting through, or anchoring within the designated area unless authorized by the Captain of the Port Los Angeles-Long Beach or her designated representatives.



Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone

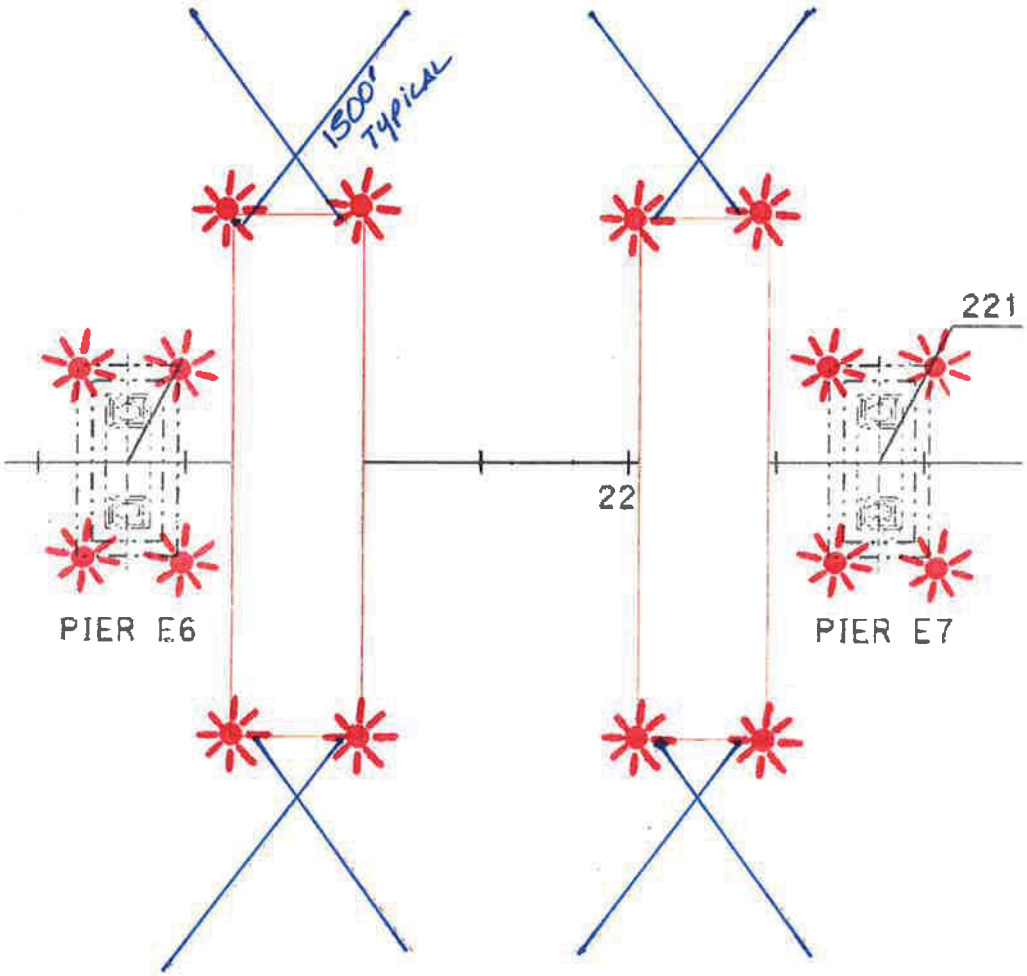


South Border:1000 feet south of the old SFOBB extending to Oakland shore line,
West Border:500 feet west of Pier H,
North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line
21 August 2015 – 31 December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

NOAA Chart 18650

Typical Barge Configuration - Eastern Span SFOBB, mile 8.9, San Francisco Bay

Two 250' X 72' barges, two 99' X 99' crane barges and a 133' X 46' ,material barge will be anchored and spudded underneath spans "I"-"J" (E4-E5), "J"-"K" (E5-E-6), "K"-"L" (E6-E7), "L"-"M" (E7-E8) , and "M"-"N" (E8-E9) at various times to facilitate removal of the spans. The barges will be lighted at night with steady burning red lights. A Coast Guard Captain of the Port Safety Zone is in effect in this work area. Mariners must receive permission from the COTP to enter the Safety Zone. Once the spans and its corresponding towers are removed, each corner of the exposed in-water remaining piers will be lighted at night with steady burning red lights.



Typical Barge Configuration - Eastern Span SFOBB, mile 8.9, San Francisco Bay

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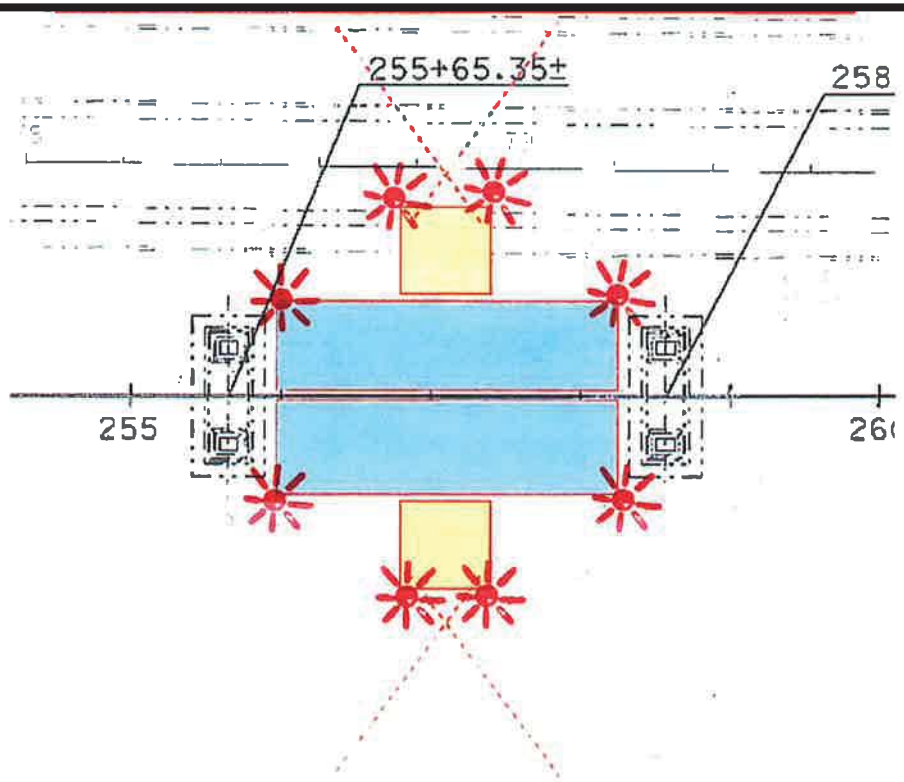

Typical Barge Configuration - Eastern Span SFOBB, mile 8.9, San Francisco Bay

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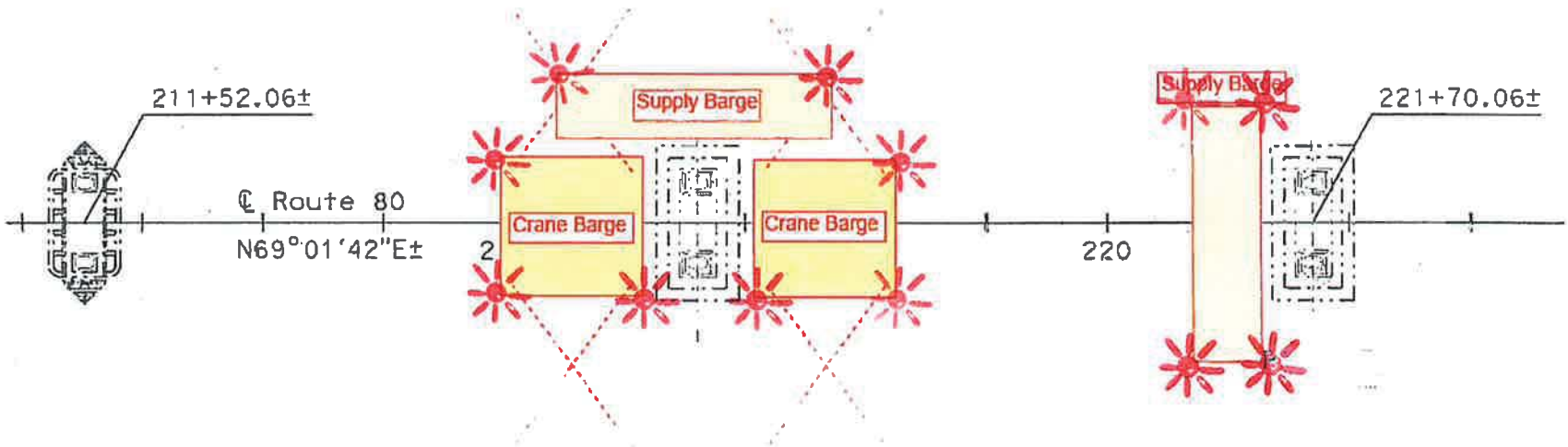
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