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

LOCAL NOTICE TO MARINERS

District: 11 Week: 51/14

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

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2014 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-0039-14, SF-0191-14, LA-0168-14, and SD-0172-14 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 Josh Netherton 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-DISCREPANCIES AND CORRECTIONS

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. For emergencies involving safety of life or property call 911 or the local Coast Guard office. 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.

FUTURE OF NAVIGATION FEEDBACK WEBSITE

Over the past few decades, rapid development, reliability, and availability of e-Navigation components such as the Global Position System (GPS), Electronic Chart Display and Information Systems (ECDIS) has fundamentally changed mariners' reliance on traditional navigation services. In addition, ability to manage data and information provided to the mariner through Automatic Identification System (AIS), cellular, and other means, has enhanced the interconnectivity between shore side information providers and shipboard users. These technological advances and data flows will help the mariner receive data, transmit data, and generally improve bridge resource management, situational awareness and navigational safety.

Therefore, with the objective of developing a portfolio, the development of which is to provide coordinated and timely delivery of navigational information and services to promote safety and efficiency on the Marine Transportation System (MTS), the U.S. Coast Guard, National Oceanic and Atmospheric Administration, and the U.S. Army Corps of Engineers invite you to share your comments and feedback regarding your requirements for emerging needs for navigational information and service delivery systems in an eNAV environment at:

https://www.surveymonkey.com/s/21stCenturyWaterways

Presentations containing the information provided at the Listening Sessions will be made publicly available for review on the website as well.

LNM: 27/14

SAN CLEMENTE ISLAND-RESTRICTED AREAS

All non-military vessels are reminded that the vicinity of San Clemente Island includes restricted waters that are or can be hazardous at any time because of extremely dangerous naval activities. Non-military waterway users of San Clemente Island should refer to waterway access availability at https://www.scisland.org/schedules/schedules.php. The website contains up-to-the-minute information of hazardous conditions

and the currently activated Restricted Areas, which limit public access in the eight zones surrounding San Clemente. All users should know that due to the dynamic nature of San Clemente Island operations, all schedules are subject to change. However, Safety Zone Section G [(out 3 nautical miles)(33 CFR 165.1141)] and the Wilson Cove Security Zone [(out 1.5 nautical miles)(33 CFR 165.1131)] are always restricted. For Wilson Cove, mariners can transit (only) outside of the 1.5 nautical mile Security Zone. For Section G, you can contact San Clemente Island on a case-by-case basis for authorization to transit (only) through Section G. Mariners must keep up-to-date with the website, as waterway clearance can change from day to day and mariners must be prepared to change boating plans if directed by U.S. Navy or U.S. Coast Guard personnel. Mariners can sign up for updated Twitter feeds for safety zone changes also, available on the San Clemente Island website.

Violators of the closed waterway zones will be subject to civil penalties up to $40,000.000 and criminal Class C or D felony violations.

Mariners must monitor VHF-FM Chan. 82A when transiting the area. San Clemente Island's Fleet Area Control and Surveillance Facility (FACSFAC), called KRAKEN watch floor, can be reached by marine VHF radio (82A) via call sign STONEHENGE or by phone at 619-545-4752 Mon-Fri from 0700 to 1900 (1600 on Fridays). STONEHENGE is the newly established on-island Range Control Department that assists FACSFAC. FACSFAC San Diego watch floor, call sign BEAVER, supports KRAKEN watch duties at night and on weekends. KRAKEN (via calling STONEHENGE or BEAVER can authorize vessel traffic through Section G of the Safety Zone, on a case-by-case basis. If a Section of the island on the website is green, there is no need to gain permission to anchor, fish or use that portion of the waterway.

See Maritime Safety and Security Bulletin MSSB 004-14.pdf in the Enclosures section for more details.

Charts: 18762 18763 18764 LNM: 34/14

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	0407-13	37/13	
5	**Point Loma Light**	**LT IMCH**	**18773**	**SD-0172-14**	**51/14**	
10	San Diego Bay Approach Lighted Whistle Buoy SD	SS INOP/RAC INOP	18772	SD-0109-14	32/14	
198	NOAA Lighted Buoy	ADRIFT	18721	LA-0162-14	50/14	
198	NOAA Lighted Buoy	LT EXT	18721	0040-13	04/13	
230	Westdahl Rock Lighted Bell Buoy 1	SINKING	18704	LA-0146-14	47/14	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
448	Dart Tsunami Warning Lighted Buoy Station 46411	ADRIFT	18010	HB-0035-14	45/14	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1485	San Diego Bay Approach Lighted Whistle Buoy SD	SS INOP/RAC INOP	18772	SD-0109-14	32/14	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0098-14	27/14	
4245	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
4245	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14	
6325	Suisun Bay North Channel Light 2	TRLB/STRUCT DMGD	18657	SF-0004-14	01/14	
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13	
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	
6855	San Joaquin River Light 46	TRLB/STRUCT DMGD	18660	0351-13	32/13	
7105	Stockton Channel Range H Rear Light	LT IMCH	18663	0236-13	21/13	
7480	Sacramento River Deep Water Ship Channel Range B Rear Light	REDUCED INT	18662	SF-0090-14	24/14	

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
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
4195	San Francisco Main Ship Channel Lighted Whistle Buoy 8	WATCHING PROPERLY	18649	SF-0179-14	50/14	51/14
4970	San Bruno Shoal Channel Light 6	WATCHING PROPERLY	18651	SF-0178-14	49/14	51/14
6245	Carquinez Strait Lighted Buoy 25	WATCHING PROPERLY	18657	SF-0190-14	51/14	51/14
8125	Noyo River Light 12	WATCHING PROPERLY	18626	HB-0039-14	51/14	51/14

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4426	San Francisco-Oakland Bay Bridge Racon N	RAC INOP	18650	SF-0185-14	50/14	
4940	Hunters Point Pier 1 Light	LT IMCH	18650		50/14	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
265	Piedras Blancas Light	WATCHING PROPERLY	18700		51/14	51/14

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
196	NOAA Environmental Lighted Buoy 46053	DISCONTINUED	18721	LA-0166-14	50/14	
382	NOAA Environmental Lighted Buoy 46059	DISCONTINUED	18007		22/12	
500	NOAA Environmental Lighted Buoy 46022	DISCONTINUED	18620	HB-0034-14	45/14	
562	NOAA Environmental Lighted Buoy 46027	DISCONTINUED	18603	HB-0038-14	50/14	
3785	**Santa Barbara Harbor Lighted Buoy 11**	**RELOCATED FOR DREDGING**	**18725**	LA-0167-14	**51/14**	
8135	Humboldt Bay Lighted Bell Buoy 2	RELOCATED FOR DREDGING	18622	HB-0012-14	17/14	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

Corrective Action	Object of Corrective Action	Position

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

18749 43rd Ed. 01-APR-10 Last LNM: 21/09 NAD 83 51/14
ChartTitle: **San Pedro Bay;Anaheim Bay Huntington Harbor**
Main Panel 1902 SAN PEDRO BAY. Page/Side: N/A
CGD11
CHANGE Los Angeles Main Channel Range Front Light at 33-43-09.699N 118-16-17.108W
Characteristic to Fl Q Y 43ft

18751 46th Ed. 01-AUG-09 Last LNM: 21/09 NAD 83 51/14
ChartTitle: **Los Angeles and Long Beach Harbors**
Main Panel 1904 LOS ANGELES AND LONG BEACH HARBORS. Page/Side: N/A
CGD11
CHANGE Los Angeles Main Channel Range Front Light at 33-43-09.699N 118-16-17.108W
Characteristic to Fl Q Y 43ft

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)

ALBION RIVER-LED CONVERSION

The U.S. Coast Guard is planning to change Albion River Lighted Whistle Buoy AR (LLNR 430) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.
Chart 18628 LNM: 49/14

ANAHEIM BAY-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on Anaheim Bay West Jetty Light 5 (LLNR 2800) during the week of 05 Jan 15. This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18746 LNM: 44/14

BODEGA BAY-LED CONVERSION

The U.S. Coast Guard is planning to change Bodega Harbor Approach Lighted Gong Buoy BA (LLNR 7765) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18640 18643 LNM: 43/14

CRESCENT CITY-LED CONVERSION

The U.S. Coast Guard is planning to change Crescent City Entrance Light (LLNR 550) to an LED with a 9nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 18007 18010 18600 18603 LNM: 18/14

LA/LB-MARINER RADIO ACTIVATED SOUND SIGNAL

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on Port Hueneme Light (LLNR 190) during the week of 19 Jan 15. This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18022 18724 18725 18740 LNM: 51/14

LA/LB-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install Mariner Radio Activated Sound Signal (MRASS) devices on the following Aids to Navigation (AtoN):

Newport Bay West Jetty Light 3 (LLNR 90)
Alamitos Bay West Jetty Light 1 (LLNR 2835)
Channel Islands Harbor South Jetty Light 2 (LLNR 3640)
Ventura Marina South Jetty Light 6 (LLNR 3700)

These devices will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18022 18740 18744 18746 18748 18749 18751 18754 18774 LNM: 33/13

LOS ANGELES-LED CONVERSION

The U.S. Coast Guard is planning to change Los Angeles Light (LLNR 135) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18740 LNM: 15/14

PIGEON POINT-LED CONVERSION

The U.S. Coast Guard is planning to change Pigeon Point Light (LLNR 320) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18010 18020 18680 LNM: 17/14

PILLAR POINT-LED CONVERSION

The U.S. Coast Guard is planning to change Pillar Point Harbor Entrance Light (LLNR 4145) to an LED with a 9nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18645 18680 18682 LNM: 19/14

POINT ARENA-ARENA COVE-LED CONVERSION

The U.S. Coast Guard is planning to change Arena Cove Lighted Bell Buoy A (LLNR 415) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18640 LNM: 49/14

SAN DIEGO-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on San Diego Bay Entrance Range Front Light (LLNR 1500). This device will allow the mariner to activate the installed sound signal by keying on his/her VHF-FM radio microphone five times at the designated frequency for the AtoN. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18773 LNM: 36/13

SAN LUIS OBISPO-LED CONVERSION

The U.S. Coast Guard is planning to change San Luis Obispo Light (LLNR 225) to an LED with a 14nm nominal range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18020 18022 18700 18703 18704 LNM: 18/14

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-LITTLEFIELD-VIRGIN RIVER-BRIDGE

I-15 VIRGIN RIVER BRIDGE- ADOT has constructed temporary bridge and access trestles for use during bridge construction and heavy lift operations over the channel. The trestles are located upstream of Beaver Dam, Mohave County, AZ at approximately 36-55-43N 113-49-50W. Waterway users must portage around the construction site as directed by signage installed upstream and downstream of the site. Work will be in progress through July 2016. See Virgin_River_Bridge.pdf in the enclosures section for detailed construction site diagram.

LNM: 23/14

BENICIA-BRIDGE

BENICIA/MARTINEZ I-680 HIGHWAY BRIDGE- A 160ft wide paint scaffolding has been installed below low steel of the downstream Benicia/Martinez I-680 highway bridge, in the second over water span from the north bank, at approximate position 38-02-57N 122-07-38W. The scaffolding reduces vertical clearance by approximately 4ft and will be lighted at night with red lights. For more details contact the District Bridge Administrator at 510-437-3516.

Chart 18656 LNM: 09/14

CALIFORNIA COAST-WHALES

Mariners are advised that groups of gray whales are traveling near the coast from November to June as part of their annual migration. Mariners should keep a sharp lookout and exercise caution as approximately 19,000 animals migrate along the coast during this period.

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-WHALe (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

CARQUINEZ STRAIT-BENICIA-SHOALING

Shoaling has been reported in Carquinez Strait / Port of Benicia in vicinity of Lighted Buoy 25 and General Anchorage 22. NOAA survey indicates that charted shoaling is moving in a southeasterly direction (see enclosure Carquinez Strait Shoaling.pdf). Mariners are requested to transit the area with caution. For more details or comments contact USCG Sector San Francisco Waterways Management at 415-399-7443.

Chart 18657 LNM: 01/14

CHANNEL ISLANDS HARBOR-SHOALING

Shoaling has been reported in the northwest entrance to Channel Islands Harbor. The navigable depth has been reported as less than 10ft and the width from the break wall to the shoal has been reported as less than 90ft. The northwest entrance is subject to rapid shoaling and should be avoided due to unknown depths. Mariners are requested to transit the area with caution and report any observed changes in shoaling conditions to the Channel Islands Harbor Patrol on VHF-FM Chan. 16, 12, 73, or at 805-382-3000.

Chart 18725 LNM: 25/14

CRESCENT CITY HARBOR-ALBION RIVER-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the Crescent City Harbor and Albion River. The study focuses on the area's aids to navigation, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routing and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area, should participate in the on-line user survey, located at https://surveys.uscg.mil/Community/se.ashx?s=6F20F7740DFF06C4 prior to 31 Dec 14. To receive further information contact BOSN Curtis Barthel at 707-839-6589 or Curtis.J.Barthel@uscg.mil.

Chart 18603 LNM: 39/14

DELTA & RIVERS-SACRAMENTO DWSC-OBSTRUCTION TO NAVIGATION

An uncharted submerged object has been reported in the Sacramento Deep Water Shipping Channel, approximately 240ft south of the Chevron BAPL pipeline crossing near Lights 73 and 74. The object was detected by sonar in the center of the channel at 38-30-17.4N 121-35-04.2W. Observed dimensions are 6ft x 22ft, standing 7ft tall from the bottom. Mariners are requested to transit the area with caution and to report any observed abnormal water depths to San Francisco VTS on VHF-FM Chan. 14.

Chart 18662 LNM: 37/14

DELTA & RIVERS-SACRAMENTO RIVER-BARGE MOORING

A partially submerged vessel has been reported in the Sacramento River approximately 1500yds upstream of the Dwight D. Eisenhower Interstate 80 Bridge at 38-37.736N 121-33.738W. Vessel is approximately 25ft in length and is unlit. Mariners are requested to transit the area with caution and report any updated observations to San Francisco VTS on VHF-FM Chan. 14.

Chart 18664 LNM: 42/14

DELTA & RIVERS-SACRAMENTO RIVER-STEAMBOAT SLOUGH-BRIDGE

The northern leaf of the Steamboat Slough drawbridge is secured closed-to-navigation until further notice. The southern leaf will continue to open for vessel traffic as needed. The bridge provides 20ft of vertical clearance when closed. For more details or comments contact the U. S. Coast Guard Bridge Office Project Manager Chris Cerles at 510-437-3461.

Chart 18662 LNM: 51/14

DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

I-120 HIGHWAY BRIDGE SOUTH (Near Mossdale, CA)- Containment installed on the western half of the bridge reduces the vertical clearance by 3ft and is lighted at night with red lights.

Chart 18661 LNM: 21/14

DELTA & RIVERS-SNODGRASS SLOUGH-BRIDGE

TWIN CITIES ROAD DRAWBRIDGE- Secured closed-to-navigation due to damage from land traffic. The bridge provides approximately 17ft vertical clearance above Mean High Water when closed. ETR is unknown. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18662 LNM: 37/14

ESTERO BAY-CAYUCOS-MARINE CONSTRUCTION

Associated Pacific Constructors Inc. will conduct marine construction at the Cayucos Pier in Cayucos, CA until December 2015. The project will consist of rehabilitation of the pier pilings, bracing, and decking. Mariners are requested to transit the area with caution. For more details or comments contact Mark Niggle at 805-234-2925.

Chart 18703 LNM: 39/14

GOLETA-ROV OPERATIONS

Aqueos Corporation will be conducting underwater pipeline inspection work off of Goleta during daylight hours until 14 May 15. M/V DANNY C will be on site conducting mooring operations to deploy acoustic monitoring devices near charted platform Harmony at approximately 34-22-30N 120-10-12W. The operations will include the vessel using divers to complete some of the work. The vessel will be working in "live boat" mode or will be moored to the Harmony mooring system. DANNY C will monitor VHF-FM Chan. 16, and can also be contacted via cell phone at 805-895-9005. Mariners are requested to transit the area with caution. For more details or comments contact Jason Smith at 805-676-4330.

Chart 18721 LNM: 42/14

LONG BEACH AND LOS ANGELES HARBORS-MARINE EVENT

Long Beach Yacht Club will sponsor the 2015 Two Gates Pursuit Race from 1130-1700, 04 Jan 15. The event will consist of approximately 35 sailboats 25-70ft in length. The course starts near Island Chaffee, exits Queens Gate, enters Angels Gate, exits Queens Gate, enters around east end of Long Beach Breakwater, and ends near Island Chaffee. 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 18749 LNM: 51/14

LONG BEACH-ALAMITOS BAY-MARINE CONSTRUCTION

Manson Construction Company will conduct marine construction and dredging operations in Alamitos Bay Marina Basin 2 at 33-45-03N 118-06-42W during daylight hours, Mon-Fri until 21 Jan 15. Dredged material will be disposed of at the LA-2 Ocean Disposal Site at 33-37-06N 118-17-24W. Derrick barges VULCAN and NORSEMAN; Tug ELMER M; along with scows NORTHPORT and SEAPORT will be on site monitoring VHF-FM Chan. 13, 16, and 67. A high visibility turbidity curtain will be in place surrounding the construction boundary. Derrick barge anchors will be marked with 4ft diameter white crown cans, lighted at night with continuous white lights. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Eric Faria at 562-762-5396.

LONG BEACH-ALAMITOS BAY-MARINE CONSTRUCTION

Chart 18749 LNM: 43/14

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 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749 LNM: 48/14

LONG BEACH-CERRITOS CHANNEL-BRIDGE

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION- Two temporary eastern trestles are in place for construction of the replacement bridge. Temporary falsework over the main navigation channel is in place. The main navigation span through the construction site provides 75ft of horizontal clearance and 43ft of vertical clearance at Mean High Water. The temporary falsework and trestles will be lighted at night with steady burning red lights (See trestle/falsework lighting diagram enclosure 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 will take place Monday through Friday, 0700 to 1530 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 use caution while transiting the area. See enclosure section for Heim_FalseworkTrestleBargeLighting.pdf and HEIM_fenderpierlightingplan.pdf.

Chart 18749 LNM: 45/11

LONG BEACH-DEMOLITION

Manson Construction Company will conduct demolition of the reinforced concrete intake forebay structure at the NRG facility, berths S113 and S114, in the Port of Long Beach (POLB) through December 2014. Derrick Barge VALKYRIE and Tugs ELMER M and JEFFERY M will be on site monitoring VHF-FM Chan. 74 and 76. Offload operations will occur at POLB Pier S Support Site between Berths S106 and S108. Lighted crown-can buoys will be positioned adjacent to structure upon removal of lights. Removed items will be offloaded at the POLB Pier S offload site. The construction crew will contact Jacobsen Pilot Service dispatch on Chan. 74 prior to start of shift, at the end of shift, and to communicate DB Valkyrie movement. Mariners are requested to transit the area with caution. See Long Beach Domolition Project.pdf in the enclosure section for construction site diagram. For more details or comments contact Project Manager Rich Ferguson at 562-983-2372.

Chart 18751 LNM: 29/14

LONG BEACH-MARINE CONSTRUCTION

Connoly-Pacific Co. will conduct repairs to the Los Angeles / Long Beach federal breakwater Mon-Sat during daylight hours until 31 Jan 15. Derrick barges LOS ANGELES and/or LONG BEACH along with tug DURANGO will be on site monitoring VHF FM Chan. 73, 73, 79A, and 80A. Additional armor stone will be delivered to the work site by Tugs LARCONA and PATCONA II as needed. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814.

Chart 18751 LNM: 41/14

LONG BEACH-MIDDLE HARBOR-DEMOLITION

As part of the Middle Harbor Pier E Slip 1 Fill and D28 Demolition project, Manson Connolly Joint Venture (MCJV) has constructed an underwater containment dike in the East Basin of Middle Harbor at the Port of Long Beach. This dike is marked by two 5ft diameter yellow buoys placed approximately 200ft off of the centerline of the dike in 42.5ft of water. The dike will remain in place until further notice. See Long Beach Containment Dike.pdf in the enclosures section for a detailed diagram of dike layout. For more details or comments contact Project manager Randy Maddox at 206-303-7186.

Chart 18751 LNM: 40/14

LOS ANGELES-LOS ANGELES RIVER ESTUARY-DREDGING

Curtin Maritime Corp will conduct dredging operations in the Los Angeles River Estuary until 28 Feb 15. Dredging operations will be conducted 24 hours per day Mon- Sat from the entrance of the Los Angeles River's navigational channel to the Catalina Express Terminal entrance. Clamshell Dredge DB 185-3; scows LONG PT and ARROW PT; along with tugs SARAH-C, TAURUS, and BOB will monitor VHF-FM Chan. 13, 14, and 82. 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 Rob Adair at 951-287-8488 or Steve Chew at 562-666-6971.

Chart 18751 LNM: 47/14

MONTEREY BAY-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) in conjunction with Monterey Bay Aquarium Research Institute will conduct continuous, unmanned maritime vehicle data collection operations until 30 Jan 15. One Wave Glider will operate within 2.5nm of a line between 36-38-53N 122-00-00W and 35-07-06N 122-59-06W; a second Wave Glider will operate within 5nm of a line between 36-43-03N 122-21-16W. 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), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft 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 Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email support@liquidr.com with your inquiries.

Chart 18685 LNM: 45/14

MONTEREY TO FARALLON ISLANDS-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) will conduct continuous, unmanned maritime vehicle operations until approximately 16 Jan 14. The Wave Glider will conduct scientific data collection operations within 5NM of a line along the following coordinates:

MONTEREY TO FARALLON ISLANDS-ROV OPERATIONS

36-50-59.7N 121-58-10.1W
36-58-24.4N 122-17-29.4W
37-41-43.3N 123-00-15.4W

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), moving at speeds of around 1 kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 6.5 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 Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email support@liquidr.com with your inquiries.

Chart 18680 LNM: 50/14

PETALUMA RIVER-BRIDGE

HAYSTACK LANDING RAILROAD BRIDGE REPLACEMENT PROJECT- Construction continues on the replacement bridge project. At this time there will be no work that will encroach on the navigational channel of the Petaluma River. For more details or comments contact the Coast Guard Bridge Office Project Manager at 510-437-3515. For information on on-site work mariners can contact the Sonoma Marin Area Rail Transit District at 415-717-2547.

Chart 18654 LNM: 34/14

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- Demolition of the northbound lanes will continue through 31 Dec 14. The girders will be lowered from the bridge deck to a barge below. All mariners are requested to use extreme cautiion and follow flagboat instructions during these evolutions. Caltrans / C.C. Meyers, has installed backfilled cofferdams behind the existing pier protection to facilitate substructure construction. The southeast cofferdam encroaches approximately 1ft into the navigation channel. The southeast and northwest cofferdams protrude upstream and downstream of the existing pier protection and the corners are lighted at night with fixed red lights (see enclosure CofferdamLighting_US101_Petaluma.pdf at the end of this notice). Bridge construction continues Mon-Fri during daylight hours, and should be completed by February 2015. For more details or comments please contact the Coast Guard Bridge Office Project Manager at 510-437-3515.

Chart 18654 LNM: 26/13

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE- Scaffolding installed at Span 14-15, west of the west main navigational channel, reduces the vertical clearance by not more than 9ft and is lighted at night with red lights.

Chart 18773 LNM: 21/14

SAN DIEGO BAY-SHIPYARD SEDIMENT SITE-DREDGING

R.E. Staite Engineering Inc. will be conducting sediment cleanup and dredging within the North Shipyard portion of the San Diego Shipyard Sediment Site until approximately 31 Mar 16. The site is located in San Diego Bay at 32-41-31N 117-08-51W. Remedial operations will include the placement of automated monitoring buoys at specified locations within the project site as well as at a background monitoring location outside the project site (beyond the security boom), and dredging of contaminated sediments in water depths of 2-50ft. Clean sand cover will be placed under pier areas and areas with limited dredge access. Sand cover material will be obtained from an off site source, and will not be dredged material from San Diego Bay or other waters of the United States. Three water quality monitoring buoys will be placed at approximately 32-41-34N 117-08-59W, 32-41-27N 117-08-52W, and 32-41-20N 117-08-38W. The foam buoys are lighted at night with a Fl Y 4s characteristic. Dredge RES 180; Barges DB PALOMAR, DB POINT LOMA, CLARENCE D, CSM 30, HAROLD M, WEEKS 261; and tugs KILEEN, KATHA C, and METOLA will monitor VHF-FM Chan. 16. Mariners are requested to make arrangements with project vessels prior to passing, and proceed at a no wake speed. For more project details or comments contact Chad Carpenter at 619-233-0178. For more information regarding the monitoring buoys contact Anchor QEA's Kyle King at 516-306-7744.

Chart 18773 LNM: 34/14

SAN DIEGO-CARLSBAD-DREDGING

Camenzind Dredging Inc. will be conducting continuous maintenance dredging of Agua Hedionda Outer Lagoon in Carlsbad, CA at 33-08-42N 117-20-30W until 15 May 15. Dredging will be accomplished utilizing a hydraulic suction dredge and floating-submerged pipeline which will pass through the Outer Basin, passing under Carlsbad Blvd. to the beach replenishment at North, Middle, and South Carlsbad State Beaches. Dredge PAUL VINCENT and work skiff FESTER will be on site monitoring VHF-FM Chan. 16 and 67. The pipeline will extend from barge to shore, marked continuously, with yellow floats. Anchors will be marked with white buoys. Operations will remain continuous for the duration of the project. Mariners are requested to remain clear of the pipeline and contact PAUL VINCENT prior to passing. For more details or comments contact Project Manager Kurt Camenzind at 650-424-0367.

Chart 18774 LNM: 44/14

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 31 Jan 15, in an area bound by the following coordinates:

32-35-00N 118-16-00W
32-35-00N 117-40-00W
31-55-00N 117-40-00W
31-55-00N 118-25-00W
32-33-00N 118-25-00W

Mariners are requested to transit the area with caution. For more details or comments contact FACSFAC schedules at 619-545-1757.

Charts: 18740 18762 LNM: 47/14

SAN DIEGO-MARINE CONSTRUCTION

SAN DIEGO-MARINE CONSTRUCTION

Nova-Shimmick JV will conduct marine construction operations in San Diego Bay at the naval fuel pier at 32-42-04N 117-14-08W until 15 May 15. Crane barge BMC-32, support barge YON, and the support tug LINDA M 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 work site. For more details or comments contact Craig Haverstick at 619-571-4178.

Chart 18773 LNM: 39/14

SAN DIEGO-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. will conduct the reconstruction of BAE Pier 4 in San Diego Bay at 32-41-24.29N 117-08-38.11W until 31 Dec 14. Derrick barges DB PALOMAR, RES 180, and a spud crane barge will be performing pile driving and pier construction. Support tugs KILEEN, KATHA C, or METOLA 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 Walter Jellison at 619-233-0178.

Chart 18773 LNM: 49/13

SAN DIEGO-MARINE CONSTRUCTION

Sunroad Enterprises will be conducting shoreside construction on the south east end of Harbor Island until approximately June 2015. The project involves the reconstruction of the Reuben E. Lee Restaurant to include a paved public walk area that will overhang 6ft into the waterway. A new permanently moored floating venue space / barge is being constructed at a South San Diego Ship Yard and will be towed to the project location upon completion. The four gangways that provide access to the RUEBEN E. LEE will also be replaced with two new gangways. Mariners are requested to transit the area with caution. For more details or comments contact Craig Bachmann at 858-357-6452.

Chart 18773 LNM: 50/14

SAN DIEGO-MARINE CONSTRUCTION

Marathon Construction Corperation will be conducting marine construction operations in San Diego Bay through December 2015. The project involves replacement of MarFac Nimits Wharf and Pier at 32-42-22N 117-14-13W. A 60ft X 20ft crane barge will be anchored and spudded down within 400ft of the existing Pier with a 50ft X 100Ft materials barge moored alongside. There will be a floating turbidity curtain deployed around the project site with anchor locations marked with buoys. One of the anchor buoys will be in the channel at 32-42-26.50N 117-14-06.20W. The buoy is white with a quick flashing amber light. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the work site. For more details or comments contact Project Manager Tim Meyer at 619-607-2682.

Chart 18773 LNM: 25/14

SAN DIEGO-MISSION BAY-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of Mission Bay. The study focuses on the area's aids to navigation, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routing and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area should send an email to Bryan.R.Gollogly@uscg.mil prior to 31 Dec 14. If you attempted to complete the online survey, we apologize, but the site is no longer accessible. Please send an email to the following contact. To receive further information, contact BM1 Bryan Gollogly at 619-278-7656 or Bryan.R.Gollogly@uscg.mil.

Charts: 18765 18773 LNM: 39/14

SAN DIEGO-RESEARCH BUOY DEPLOYMENT

Scripps Institute of Oceanography has established a lighted research buoy at 32-52-00N 117-28-00W, approximately 10nm west of Point La Jolla. The buoy is 12ft tall, painted yellow, and displays a Fl Y 4s characteristic. It will remain on station until December 2015. For more details or comments contact Lisa Hazard at 858-822-2873 or lhazard@ucsd.edu.

Chart 18765 LNM: 47/14

SAN DIEGO-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) in conjunction with Monterey Bay Aquarium Research Institute will conduct continuous, unmanned maritime vehicle data collection operations until 27 Apr 15. The Wave Glider will operate in the vicinity of 32-39-00N 117-34-00W. 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), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft 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 Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email support@liquidr.com with your inquiries.

Chart 18765 LNM: 49/14

SAN FRANCISCO BAY-AIS BROADCAST

The Coast Guard is broadcasting NOAA PORTS meteorological and hydrographic data via AIS in the San Francisco Bay. The PORTS data is currently being broadcast as AIS MSG 8, DAC-001, FI=11 (details on message format at http://www.e-navigation.nl/asm). In 2015, the broadcast format will change. An announcement will be made with the details of the new format in advance of the change. Please contact CDR Amy Wirts at 415-399-7401 or Amy.E.Wirts@uscg.mil with questions about this service.

Chart 18649 LNM: 11/14

SAN FRANCISCO BAY-CARQUINEZ STRAIT-BRIDGE

BENICIA/MARTINEZ RAILROAD DRAWBRIDGE- The upstream south side fender has been damaged by vessel contact and may not provide sufficient protection. Mariners are requested transit the area with caution and avoid contact with the damaged fender.

Chart 18657 LNM: 20/14

SAN FRANCISCO BAY-DREDGING

Manson Construction Company will conduct continous dredging operations to remove rocks and rubble south of the San Francisco/Oakland Bay Bridge between Pier 28 and Potrero Pt. until 30 Dec 14. Clamshell dredge DB ELINAR; tugs PETER M and WESTAR; along with flat barges MANSON 47 and MANSON 62 will be on site monitoring VHF-FM Chan. 16. 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 McMann at 510-774-8396.

Chart 18649 LNM: 45/14

SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION

Dutra will conduct pile driving and concrete work on the south side of Islais Creek between the Illinois St. Bridge and the Third St. Bridge during daylight hours until April 2016. Crane barge KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Valerie Daley at 415-686-9417.

Chart 18650 LNM: 48/14

SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE

ILLINOIS STREET DRAWBRIDGE- The drawspan is secured in the closed-to-navigation position due to a computer malfunction. The bridge provides 4ft vertical clearance above Mean High Water when closed. Vessels that can safely transit the bridge while in the closed position may continue to do so at any time.

Chart 18650 LNM: 17/14

SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE

THIRD STREET DRAWBRIDGE- The drawspan is secured in the closed-to-navigation position due to mechanical failure. The bridge provides 4ft vertical clearance above Mean High Water when closed. Vessels that can safely transit the bridge while in the closed position may continue to do so at any time.

Chart 18650 LNM: 17/14

SAN FRANCISCO BAY-MARE ISLAND STRAIT-GEOTECHNICAL OPERATIONS

Dutra Construction Co. will be geotechnical operations during daylight hours in the vicinity of the Old Mare Island Building ways from 02-09 Jan 14. Crane barge KELSO, work boat CW, along with miscellaneous work skiffs will be on site; KELSO will monitor VHF-FM Chan. 16 and 81A. Mariners are requested to transit the area with caution and minimize wake when transiting near the work site. For more details or comments contact Stephen Hutchison at 415-254-4410.

Chart 18654 LNM: 51/14

SAN FRANCISCO BAY-OAKLAND-DREDGING

Manson Construction Company will be conducting continuous dredging operations in the Oakland Entrance Channel and the Inner and Outer Harbor Channels until 25 Jan 15. Dredged material will be disposed of at the Montezuma Upland Disposal Site. Derrick barge NJORD will be on site monitoring VHF-FM Chan. 13, 14, and 16. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Eric McMann at 510-232-6319.

Chart 18649 LNM: 46/14

SAN FRANCISCO BAY-RICHMOND INNER HARBOR-DREDGING

R.E. Staite Engineering Inc. will conduct continuous dredging operations in Richmond Inner Harbor Channel at 37-54-22N 122-23-37W until 01 Jan 15. Tugs KATHA C, HEIDI L. BRUSCO, TERRI L. BRUSCO, and ARTHUR BRUSCO; derrick bargeS D/B PALOMAR, DB BEAVER, and DB 24; along with six split hull scows will be on site monitoring VHF-FM Chan. 13, 14, 16, and 82. Dredged material will be disposed of at the SFDODS offshore disposal site or the SF-11 (Alcatraz) disposal site. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dredge site. For more details or comments contact Project Manager Chad Carpenter at 619-520-5350.

Chart 18649 LNM: 41/14

SAN FRANCISCO BAY-SECURED ANCHORAGE OPEN FOR USE

The W5 berth in anchorage 9, centered at 37-43-75N 122-20-69W is now available for use. Approximately 400ft of anchor chain was lost on the seabed approximately 400yds north of the drop bucket in January 2013. Mariners are requested to use caution when anchoring in this area.

Chart 18649 LNM: 51/14

SAN FRANCISCO BAY-SHOALING

The Coast Guard has received a report of shoal water and pier supports in the inland basin between pier 30/32 at 37-47-08N 122-23-03W, and pier 38 in position 37-46-58N 122-23-04W. Mariners are requested to transit the area with caution.

Chart 18652 LNM: 34/12

SAN FRANCISCO BAY-TREASURE ISLAND-UNCHARTED PILING

A stationary wooden piling with a sharp point has been reported in a position .5nm north of the San Francisco/Oakland Bay Bridge and 1nm east of Treasure Island. Mariners are requested to transit the area with caution and report any related observations to San Francisco VTS on VHF-FM Chan. 14.

Chart 18650 LNM: 36/14

SAN FRANCISCO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Dutra Construction Co. will conduct marine construction operations within the San Pablo Bay National Wildlife Refuge, west of the Mare Island Bridge and along the Dutchman Slough during daylight hours from 29 Dec 14 through 31 Jan 14. Construction work will take place during daylight

SAN FRANCISCO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

hours, but towing of supply barges and maneuvering of the derrick barge may continue at all hours. At the end of shift, the Derrick Barge 24 along with all other marine construction equipment will be spudded down in the Dutchman Slough with flashing lights on all corners. Construction signage will be placed both upstream and downstream of the construction work area. The signage will also be equipped with flashing lights. The Derrick Barge 24 along with a hopper barge, work boat, and miscellaneous work skiffs will be on site; DB 24 will monitor VHF-FM Chan16 and 07A. 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 Jason Tse at 415-300-5336.

Chart 18654 LNM: 51/14

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI- The Coast Guard has established a temporary safety zone (see 2014_DemolitionSafetyZone in the enclosure section) in the navigable waters of the San Francisco Bay near YBI, in support of the San Francisco-Oakland Bay Bridge (SFOBB) Demolition through 30 Dec 14. This safety zone is established to protect mariners transiting the area from the dangers associated with over-head demolition and debris removal operations of the SFOBB. Unauthorized persons or vessels are prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative. Mariners are requested to avoid the demolition area of the old bridge by using the western suspension bridge's main navigational channel, between San Francisco and YBI. Just east of the demolition area mariners can use the alternate, lighted channel, "I" - "J" (existing bridge) and E3 - E4 (3rd and 4th piers east of YBI, new bridge). The green center span lights on the existing eastern bridge have been temporarily extinguished in the main channel span, "G" - "H" and span "H" - "I". Temporary falsework is being erected between spans "H" –"I" red lights will mark the upstream and downstream portion of the bents. (see temp falsework in enclosure section) Barges may be moored to piers "G", "H", and "I" with the outboard corners lit at night with red lights. (see barge lighting in enclosure section.) A 60X180 ft crane barge may be anchored between piers "H" and "I" with anchor lines extending 600ft south of the mooring. (see barge anchor diagram in enclosure section). Clearances for alternate channel are; 442ft of horizontal clearance and 112ft of vertical clearance at Mean High Water. See Alternate_Channel.pdf in the Enclosure Section of this Local Notice to Mariners. For details at the work site, mariners may contact Caltrans at 510-385-7084 or the Contractor at 925-250-1298. For more details or comments contact the Eleventh Coast Guard District Bridge Office Project Manager at 510-437-3515.

Chart 18650 LNM: 43/08

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-WEST OF YBI- Caltrans is performing fog signal and electrical work on the San Francisco/Oakland Bay Bridge, west of YBI, at piers A through E. The decorative white lighting around the pier bases may be affected. There will be multiple small boat and barge operations, in each span and around each pier, during daylight hours, 7 days per week, through 31 Dec 14. A 21ft aluminum work boat, call sign BAY LIGHTS ONE and a Westar barge/tug combination, with various call signs during the year, will reduce horizontal clearance between the piers by not more than 50ft. Participating vessels will monitor VHF-FM Chan. 9, 13, and 14, and will contact USCG Vessel Traffic Service (VTS) each day upon arrival and departure from the bridge, and upon moving from pier to pier. All floating equipment can be moved upon request, for the safe passage of vessels through the bridge. Vessels will be moored directly to the piers and no anchors will be used for this project. Mariners are requested to transit the area with caution. For more details or comments contact the Eleventh Coast Guard District Bridge Office Project Manager at 510-437-3515.

Chart 18649 LNM: 39/14

SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS

The California Department of Water Resources has installed flashboards across the Suisun Marsh Salinity Control Structure maintenance channel at 38-05-36N 121-53-07W and begun operating the boat lock. All vessels requiring passage in either direction must use the boat lock. The boat lock will operate from 0700-1700 daily until 31 May 15, and will monitor VHF-FM Chan. 13 during operating hours. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. Full instructions on passage including an emergency phone number are posted on site. The boat lock is located on the east side of the channel and provides the following clearances: 16ft horizontally; 9ft over the sill at MLLW; 70ft in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights.

Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can, at times, create currents at the site greater than currents in other areas of Montezuma Slough. Mariners are requested to transit the area with caution. For more details or comments contact Reza Shahcheraghi at 916-574-2299.

Chart 18656 LNM: 34/14

SAN NICOLAS ISLAND TO DANA POINT-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the navigable waters from San Nicolas Island to Dana Point. This study includes San Nicolas Island, Santa Barbara Island, Santa Catalina Island, Newport Bay, and Dana Point Harbor. The study will include looking at waterborne commerce and safe vessel navigation with a focus on the existing aids to navigation in the area. WAMS studies are conducted periodically throughout designated navigable waters to better facilitate safe and effective waterways. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area, participate in a user survey, or receive further information should contact Sector LA/LB Waterways Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil prior to 01 Mar 15.

Charts: 18746 18754 18755 18756 18757 LNM: 48/14

SANTA BARBARA HARBOR-DREDGING

Dredging operations have commenced in Santa Barbara Harbor. Until dredging is complete, several buoys will likely be relocated to mark best water. Santa Barbara Harbor Lighted Buoy 11 has been relocated, and is currently off station. Mariners are requested to transit the area with caution.

SANTA BARBARA HARBOR-DREDGING

Chart 18725 LNM: 51/14

SANTA BARBARA HARBOR-DREDGING

AIS Construction Company will be performing continuous dredging operations in Santa Barbara Harbor until 31 Dec 14. The cutter head dredge LA ENCINA and anchor boat KATHLEEN will monitor VHF-FM Chan. 6 and 16. Mariners are requested to transit the area with caution. For more details or comments contact AIS Construction Company's Gary Foster at 805-331-2995.

Chart 18725 LNM: 42/14

SANTA CRUZ CHANNEL TO SANTA BARBARA CHANNEL-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the navigable waters from Santa Cruz Channel to Santa Barbara Channel. This study includes Santa Rosa Island, Santa Cruz Island, Anacapa Island, Santa Cruz Channel, Santa Barbara Channel, and Anacapa Passage. The study will include looking at waterborne commerce and safe vessel navigation with a focus on the existing aids to navigation in the area. WAMS studies are conducted periodically throughout designated navigable waters to better facilitate safe and effective waterways. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area, participate in a user survey, or receive further information should contact Sector LA/LB Waterways Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil prior to 01 Mar 15.

Charts: 18721 18725 18728 18729 LNM: 48/14

VENTURA-CHANNEL ISLANDS HARBOR-DREDGING

Manson Construction Co. will conduct hydraulic maintenance dredging of Channel Islands Harbor Entrance Channel and sand trap at 34-09-21N 119-13-46W until approximately 01 Feb 15. The North Entrance to Channel Islands Harbor will be closed due to dredging activities and high shoaling. Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to the disposal area. Dredge HR MORRIS will be on site monitoring VHF-FM Chan. 16 and 17. Mariners are requested to transit the area with caution and contact HR MORRIS prior to transiting near the dredge site. For more details or comments contact Poject Manager Max Oviedo at 206-619-7729.

Chart 18725 LNM: 38/14

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	
3122	LOS ANGELES MAIN CHANNEL RANGE FRONT LIGHT	33-43-09.699N 118-16-17.108W	Q Y	43		On skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.	51/14

*

PUBLICATION CORRECTIONS

None

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

CERRITOS CHANNEL-BRIDGE

Heim_FalseworkTrestleBargeLighting.pdf HEIM_fenderpierlightingplan.pdf

See link above

Chart 18749 LNM: 45/11

LONG BEACH-MIDDLE HARBOR-DEMOLITION

Long Beach Containment Dike.pdf

See link above.

LNM: 40/14

PETALUMA RIVER-BRIDGE

CofferdamLighting_US101_Petaluma.pdf
See link above for Cofferdam Lighting Diagram

LNM: 26/13

SAN CLEMENTE ISLAND-RESTRICTED AREAS

MSSB 004-14.pdf
See Link above for Maritime Safety and Security Bulletin.

LNM: 45/14

CARQUINEZ STRAIT-BENICIA-SHOALING

Carquinez Strait Shoaling.pdf
See link above.

LNM: 01/14

ARIZONA-LITTLEFIELD-VIRGIN RIVER-BRIDGE

Virgin_River_Bridge.pdf
See link above.

LNM: 23/14

LONG BEACH-DEMOLITION

Long Beach Demolition Project.pdf
See link above for detailed diagram of demolition site.

LNM: 29/14

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

2014_DemolitionSafetyZone.pdf temp_falsework.pdf barge_lighting.pdf barge_anchor_diagram_01.pdf Alternate_Channel.pdf
See links above to view Westar crane barge location diagram, Safety Zone, alternate navigation channel, temporary falsework lighting, barge mooring diagram, and anchor diagram, during demolition.
Chart 18649 LNM: 33/13

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

M. J. Salas
U.S. Coast Guard
Chief, Waterways Management Branch

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

BRIDGE NAME_____ DATE _____

MILE _____ WATERWAY _____

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

_____

_____

_____

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

Signature _____

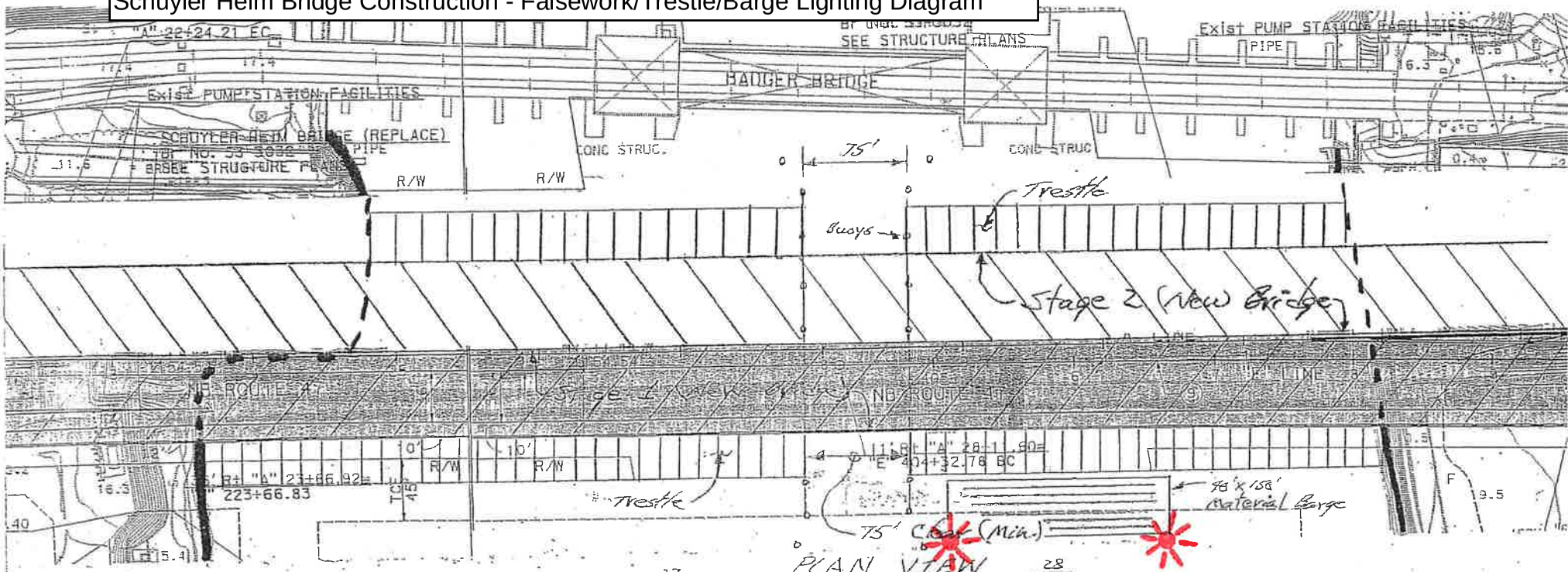
Telephone _____

Mariners may complete and send via fax or mail to:

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

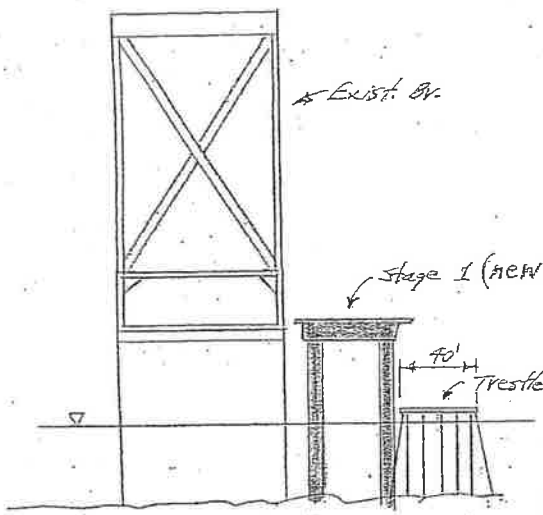
Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11

Schuyler Heim Bridge Construction - Falsework/Trestle/Barge Lighting Diagram

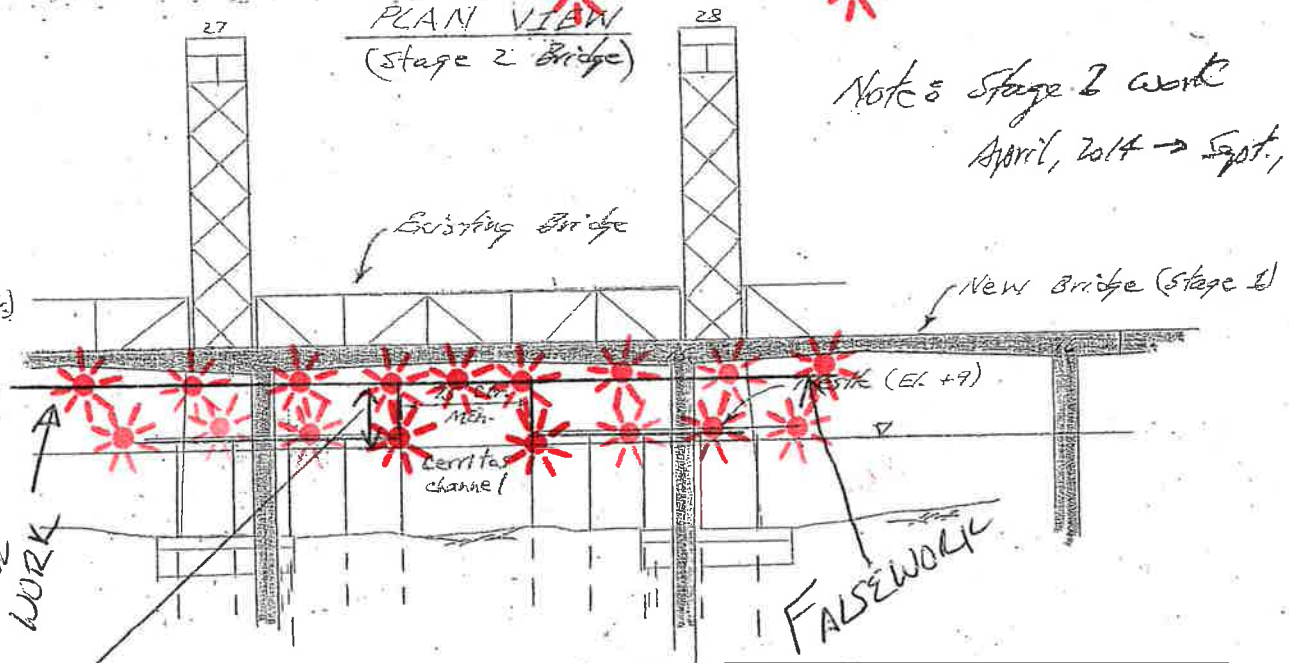


PLAN VIEW
(Stage 2 Bridge)

Note: Stage 2 work
April, 2014 → Sept., 2015



Section a-a
Stage 1
shown



ELEVATION VIEW
Stage 1
shown

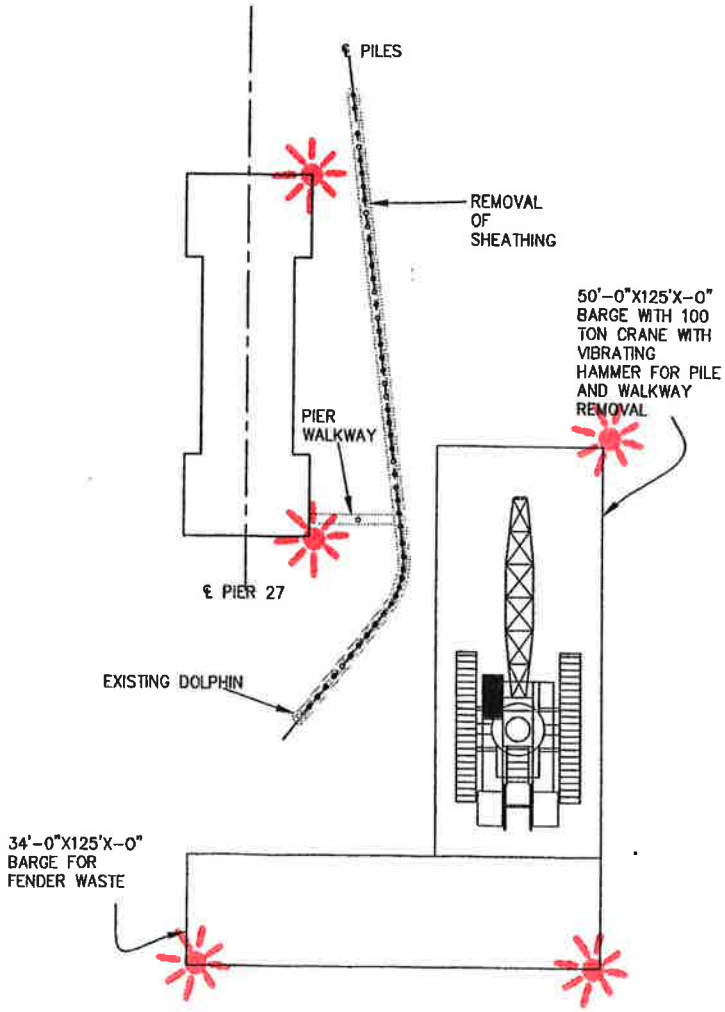
43' VERTICAL CLEARANCE
@ MEAN HIGH WATER

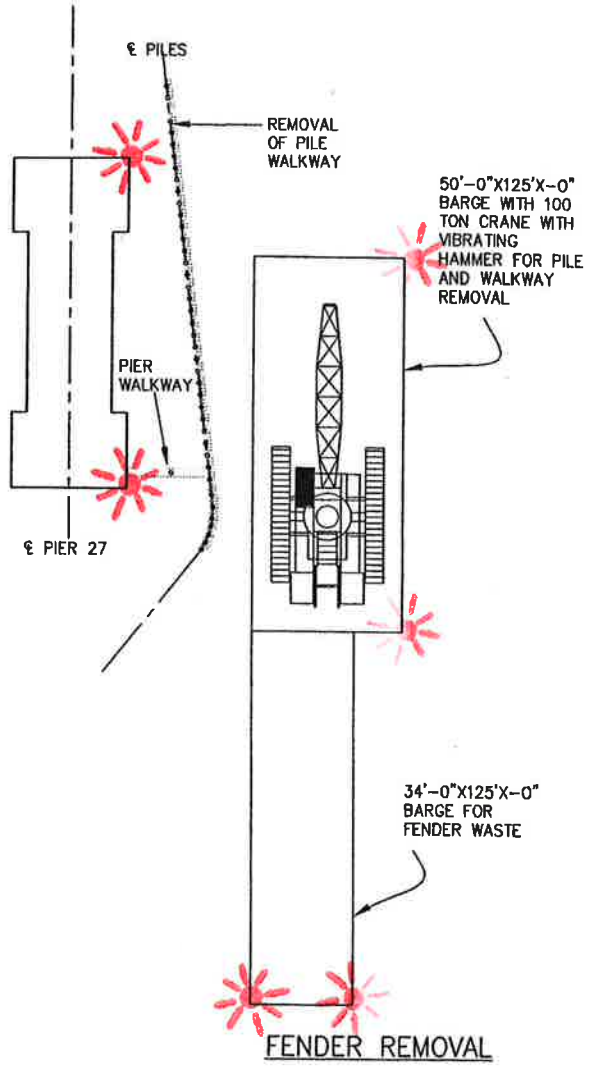
Each outboard corner of the moored barge shall be lighted at night with steady burning all round red lights.

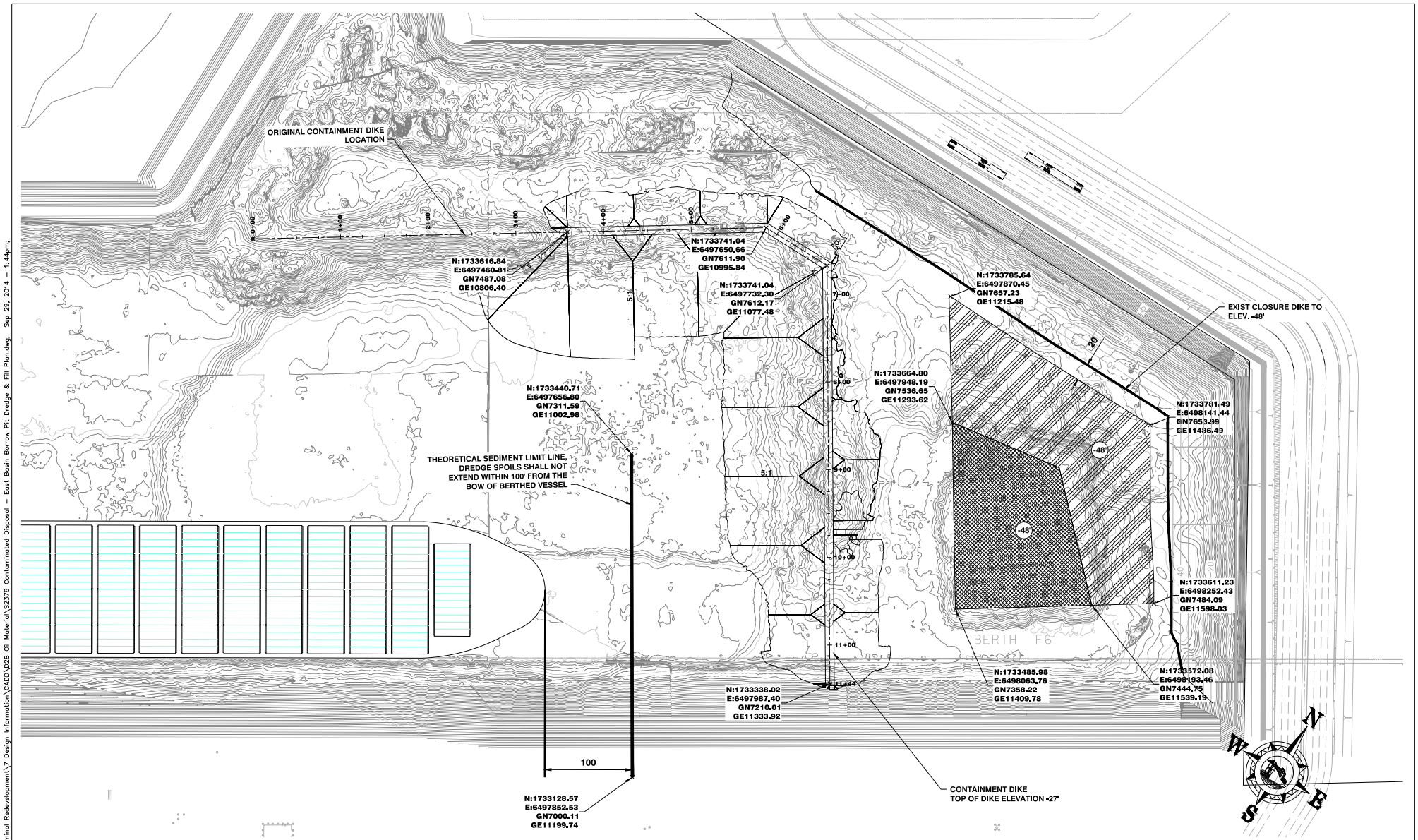
The upstream and downstream sides of the trestle and falsework shall be lighted, at night, with steady burning all round red lights, spaced 25 feet apart.

BARGE/PIER LIGHTING DIAGRAM
COMMODORE SCHUYLER HEIM REPLACEMENT PROJECT
MILE 4.9, CERRITOS CHANNEL

The channel-ward corners of each barge and the upstream and downstream channel-ward ends of each exposed bridge pier shall be lighted at night with steady burning red lights, visible at 1,500 yards by approaching vessels. The lights on the exposed bridge piers shall be mounted at least 1 foot above the 100 year flood mark.







LEGEND

- (-48') PROPOSED DREDGE DEPTH
- PROPOSED DREDGE LIMITS
- ADDITIONAL DREDGE AREA

NOTE

DATE OF SURVEY 07/23/14, 08/14/14, 08/25/14, & 09/17/14

HORIZONTAL SCALE

50' 0' 50' 100'

SCALE: 1"=50'

The Port of LONG BEACH
925 HARBOR PLAZA, P.O. BOX 570
LONG BEACH, CALIFORNIA
TEL. (562)-437-0041

SEP 23, 2014

PIER E TERMINAL REDEVELOPMENT
SLIP NO. 1 FILL

D28 CONTAINMENT AREA FOR
EAST BASIN BORROW SITE
AND
DISPOSAL AREA

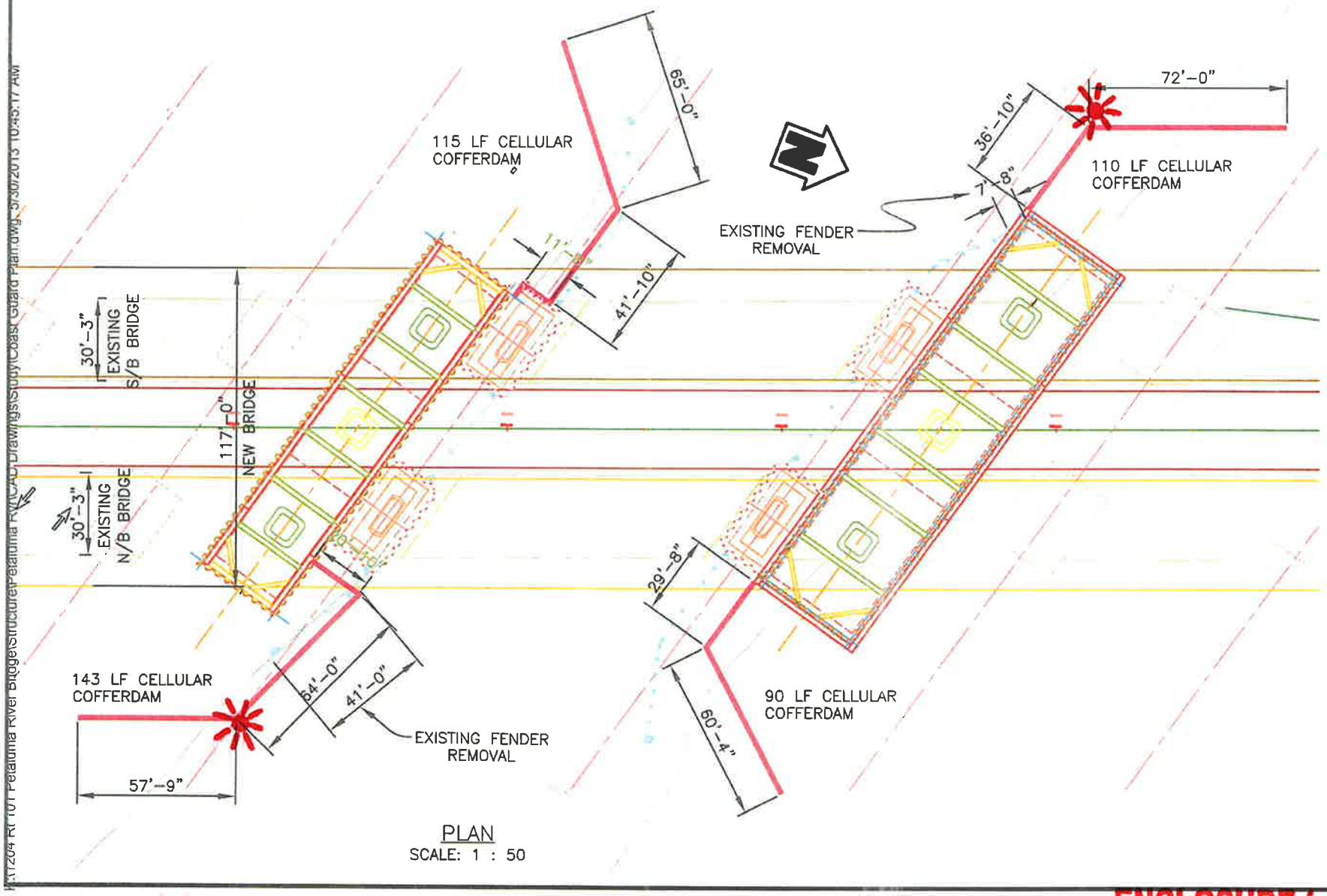
FIG 1 of 1

P:\5469-01 Pier E Terminal Redevelopment\7 Design Information\CADD\D28 Oil Material\S2376 Contaminated Disposal - East Basin Borrow Pit Dredge & Fill Plan.dwg; Sep 29, 2014 - 1:44pm;

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

CC MYERS INC.

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

PROJECT: PETALUMA RIVER BRIDE (REPLACE)

MYERS JOB NUMBER: 1204 CONTRACT NO: 04-2640U4

SHEET NUMBER: 1 OF 1 SHEETS

Coast Guard Plan

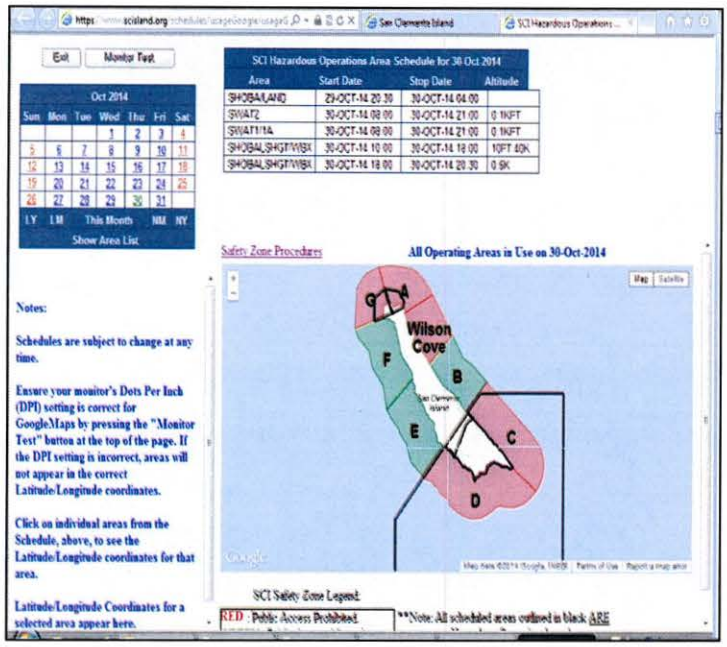
ENCLOSURE ( )

Maritime Safety and Security Bulletin: 004-14

Effective Date: 10 November 2014

U. S. Coast Guard Sector San Diego
Prevention Department
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/

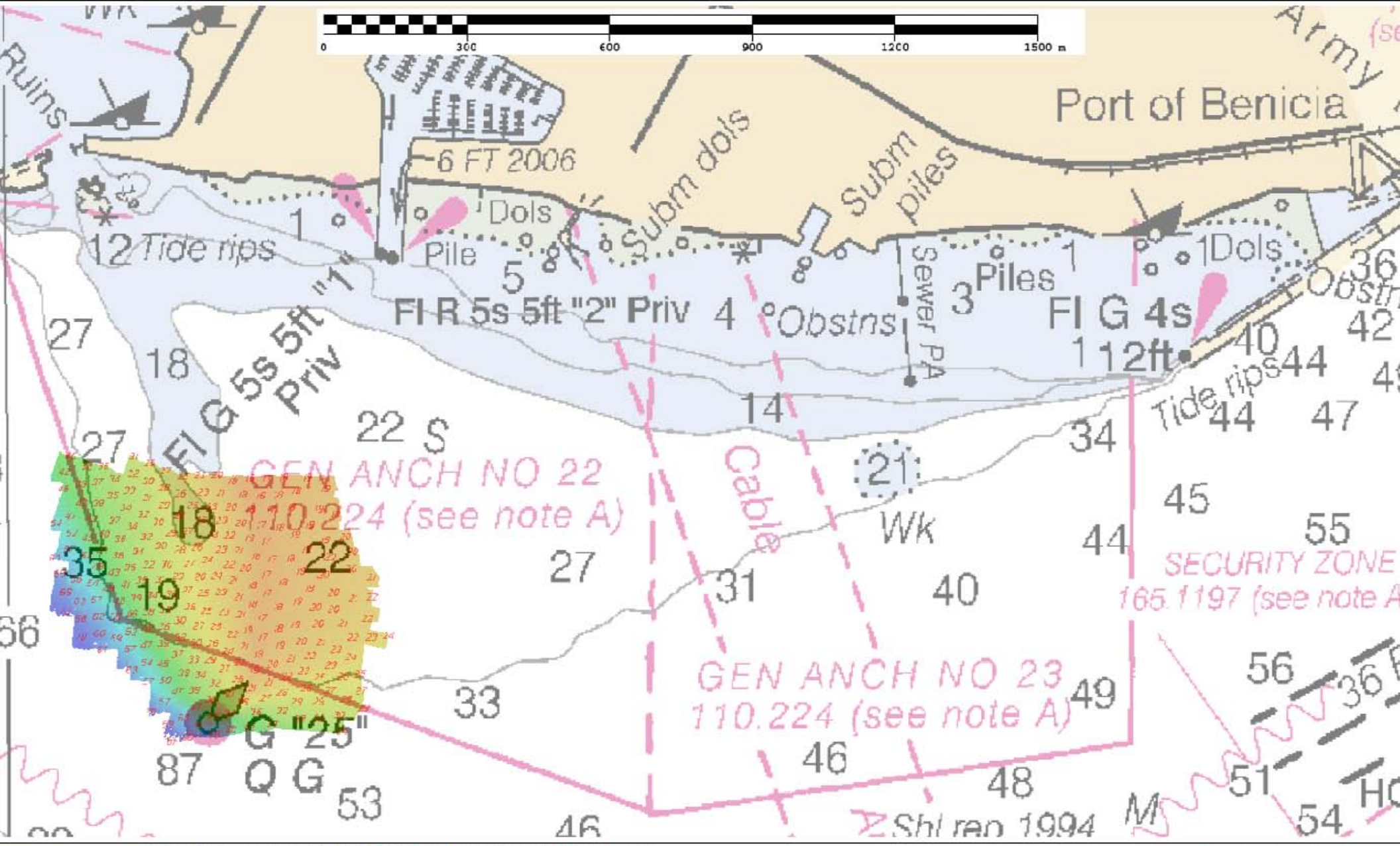
Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

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 Mariners 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.

M. L. ROCHESTER
Commander, U. S. Coast Guard
Officer in Charge, Marine Inspection



tlet 2 of 2

PORT OF BENICIA ANCHORAGE AREA 22 SHIFTED SHOAL

Preliminary data subject to office review. Soundings corrected using preliminary observed tides.
Data reflects state of sea floor in existence on day and at time the survey was conducted.

This chartlet has been corrected through
Notice to Mariners dated 11/23/2013
NOT FOR NAVIGATION

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

Project: Response
Survey: Port of Benicia
State: California
Locality: San Francisco Bay
Sub-locality: Benicia
Survey Scale: 1:10,000

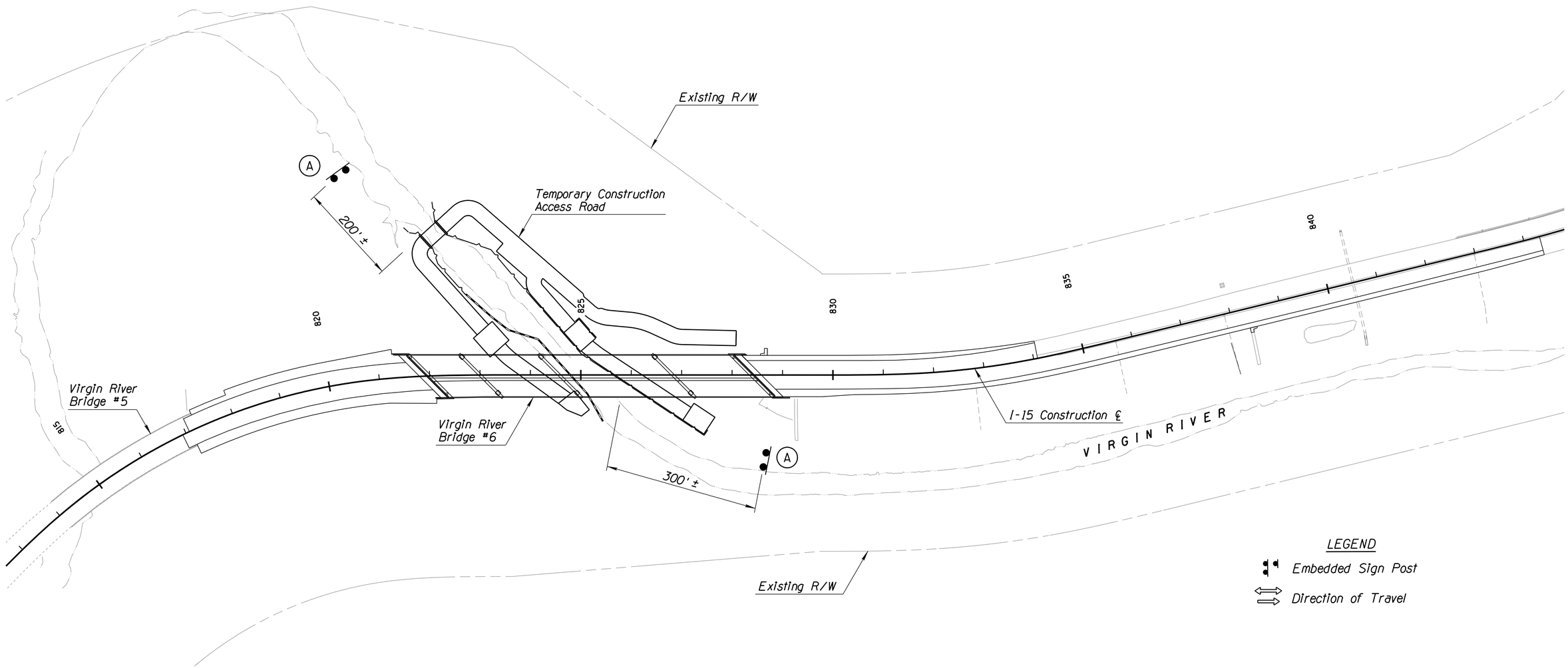
Sounding Units: Feet
Sounding Datum: MLLW
Horizontal Datum: NAD 83
Chart Number: 18656
Chart Edition: 56, Aug./2010
NOS Ref:

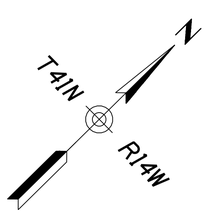
NOAA NRT-6
Laura Pagano
Team Leader

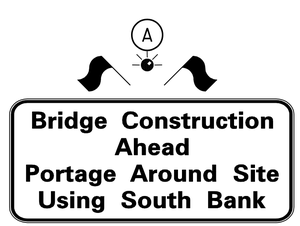
Survey Date: Nov. 25,

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	015-A(208)S	59	143	

015 MO 015







SPECIAL
(72" X 48")

	NAME	DATE
DESIGN	MKO	01-14
DRAWN	SR	01-14
CHECKED	BSW	01-14

JACOBS

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

TRAFFIC CONTROL
ADVANCE WARNING SIGNS
RIVER ACCESS

ROUTE: I-15
LOCATION: VIRGIN RIVER BRIDGE #6

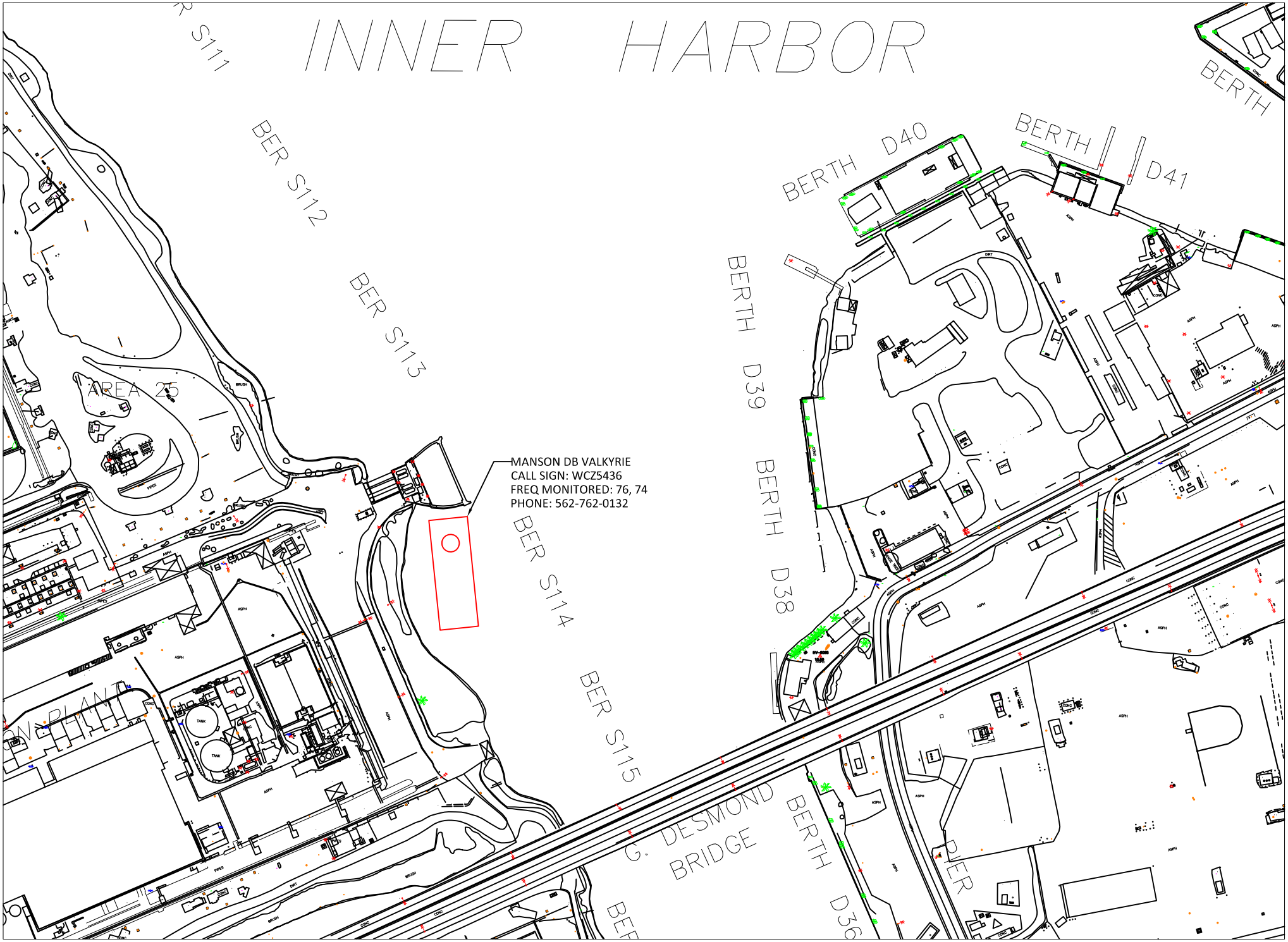
Registered Professional Engineer (Civil) CERTIFICATE NO. 25339 BERWYN S. WILBRINK Date Signed 06 JAN 14 ARIZONA, U.S.A.
Expires 12/31/2016

DWG NO. TC-28

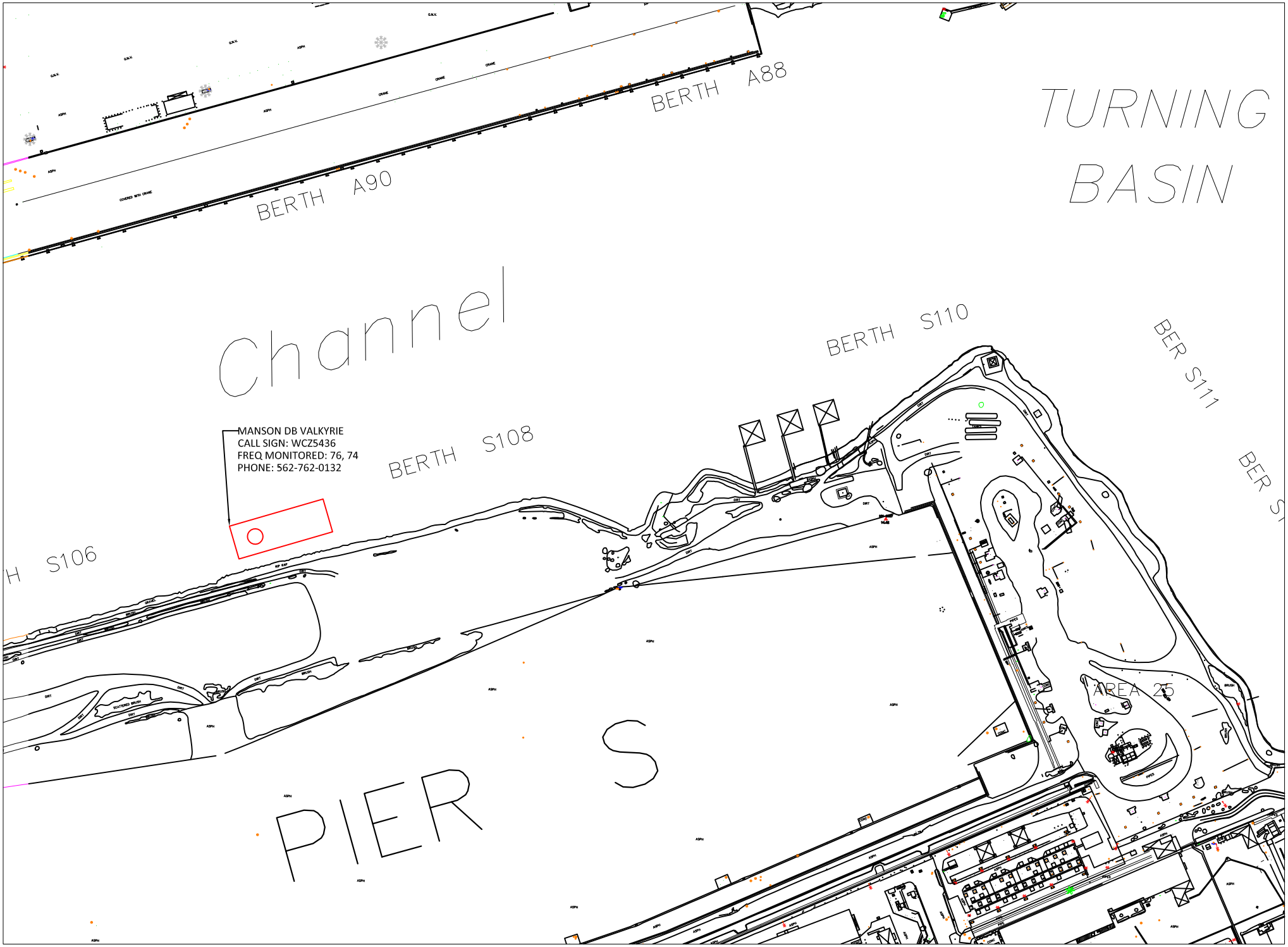
TRACS NO. H8574 01C | 015-A(208)S | ____ OF ____

06/01/2014 P:\W7X96100 - I15 Virgin River Bridges\700CADD\702CIVIL\702ADGN\Bridge6-Design\h8574ttc28.dgn

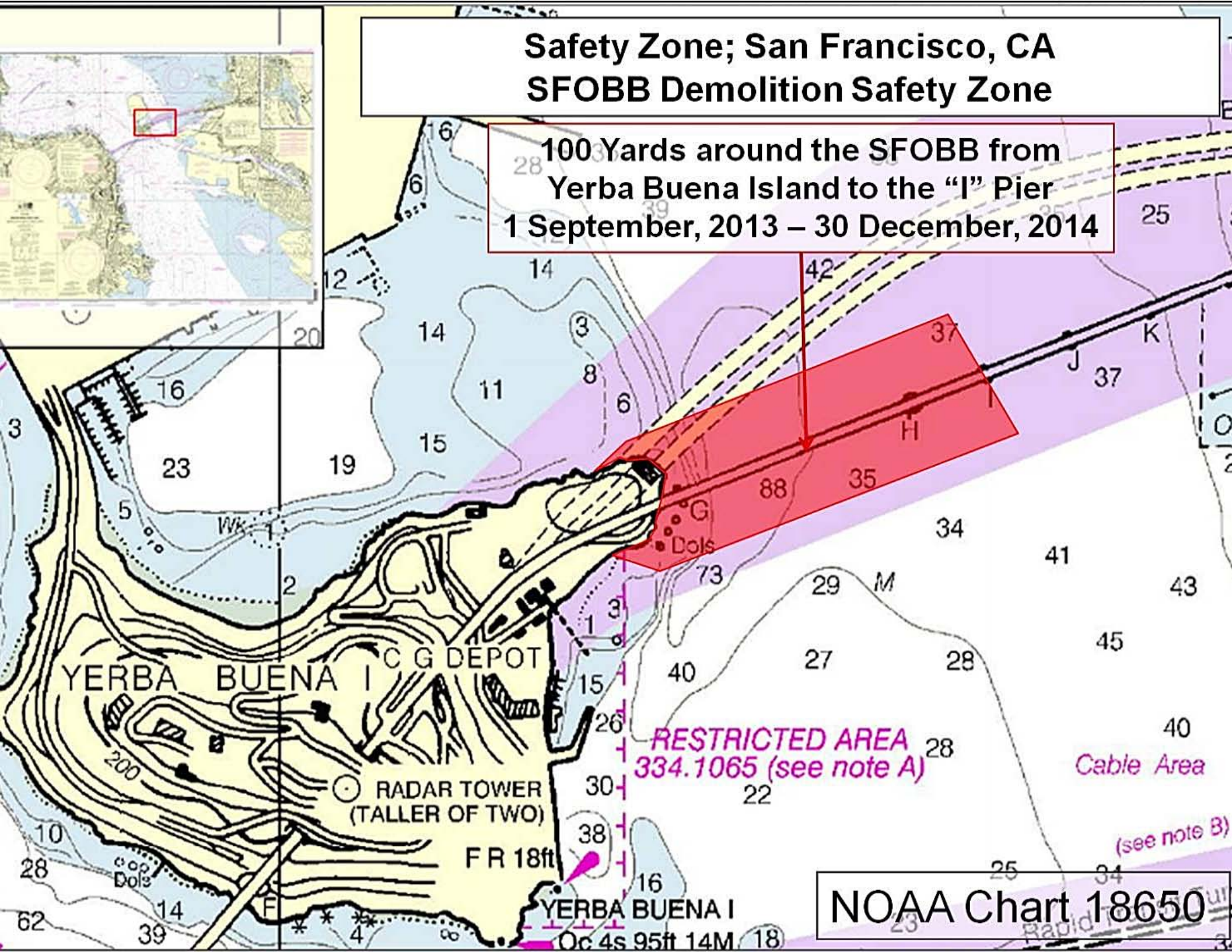
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



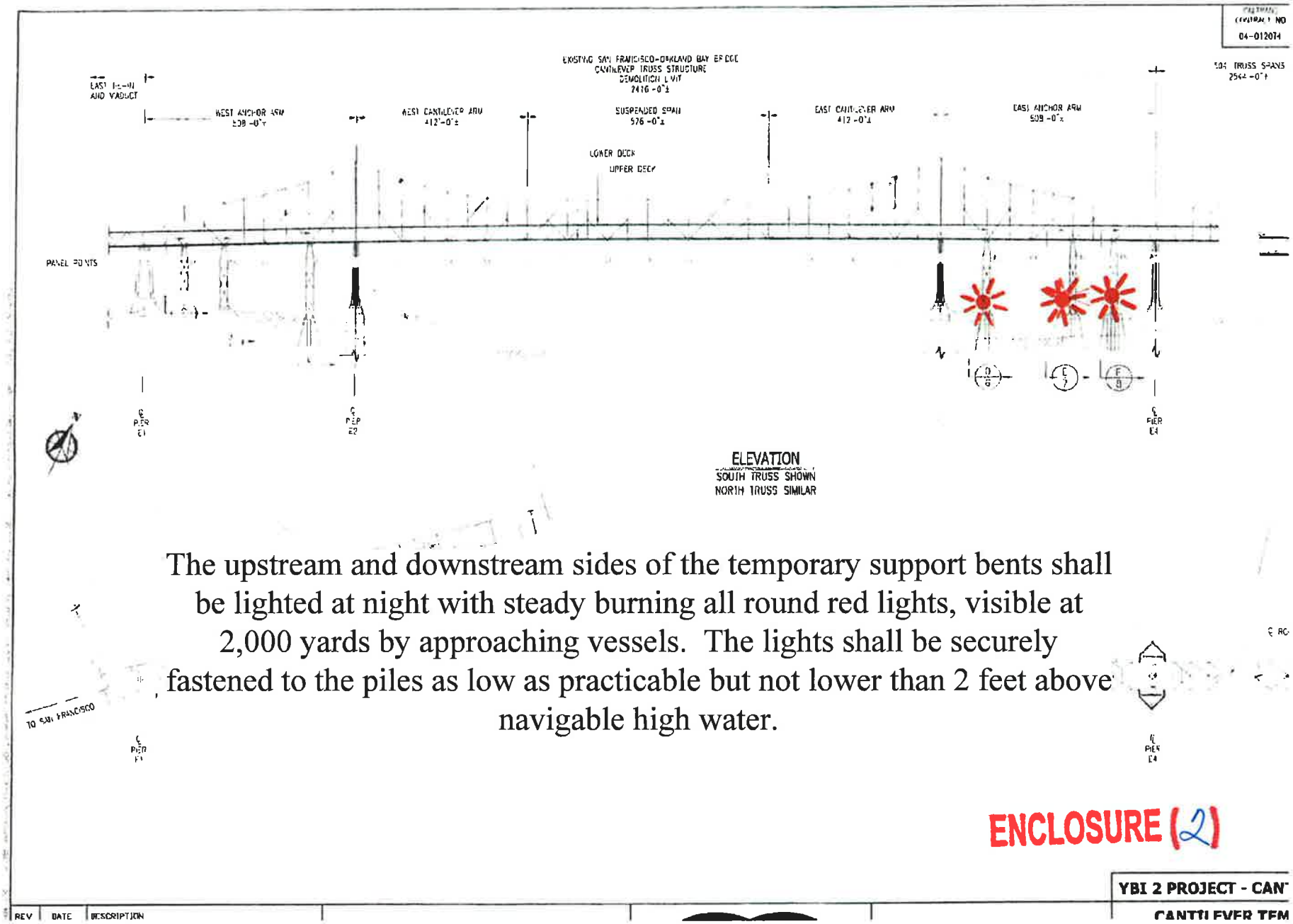
ATTACHMENT 1



ATTACHMENT 2


Safety Zone; San Francisco, CA
SFOBB Demolition Safety Zone
100 Yards around the SFOBB from
Yerba Buena Island to the "I" Pier
1 September, 2013 – 30 December, 2014
YERBA BUENA I
C G DEPOT
RADAR TOWER
(TALLER OF TWO)
F R 18ft
YERBA BUENA I
Oc 4s 95ft 14M
RESTRICTED AREA
334.1065 (see note A)
Cable Area
(see note B)
NOAA Chart 18650

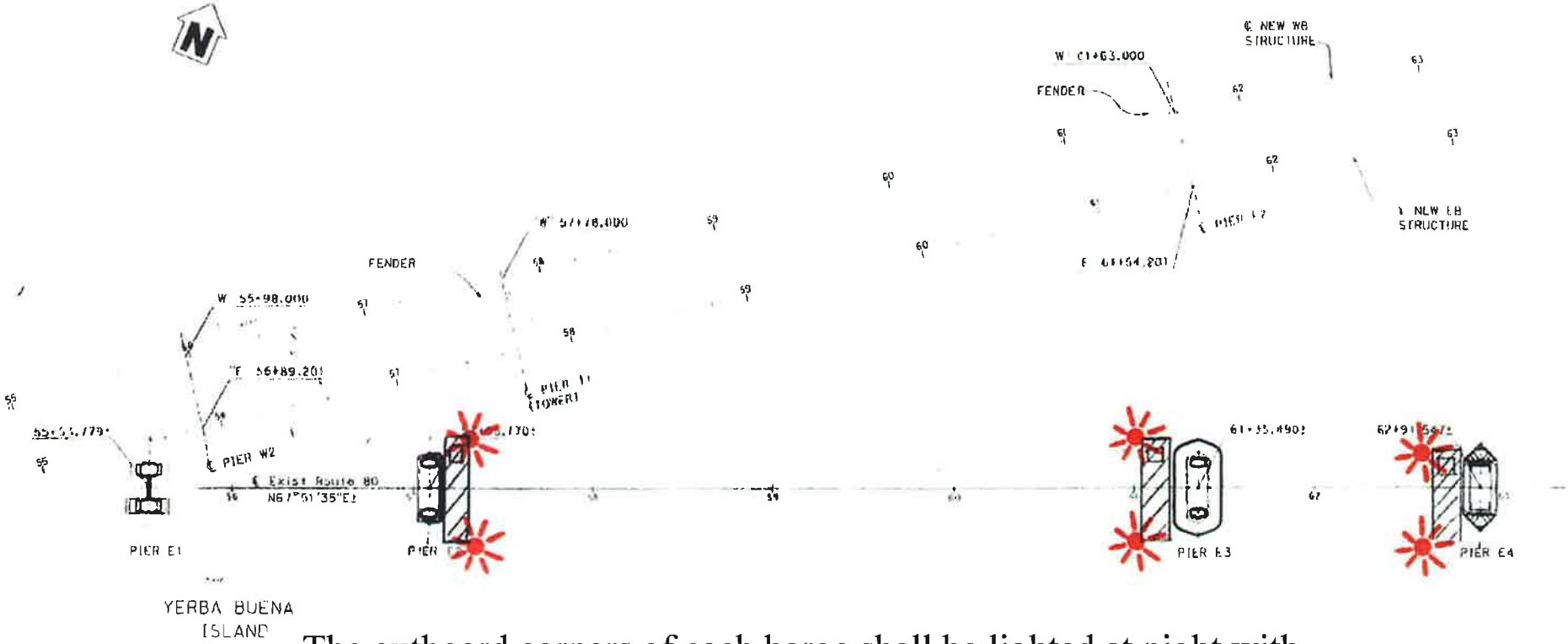
Lighting Diagram - Temporary Support Bents
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



The upstream and downstream sides of the temporary support bents shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels. The lights shall be securely fastened to the piles as low as practicable but not lower than 2 feet above navigable high water.

ENCLOSURE (2)

Lighting Diagram - Equipment Barges
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

ENCLOSURE (1)

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTRO
BEFORE ORDERING OR FABRICATING ANY MATE

PRELIMINARY INVESTIGATION SECTION

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TOLL BRIDGE DESIGN

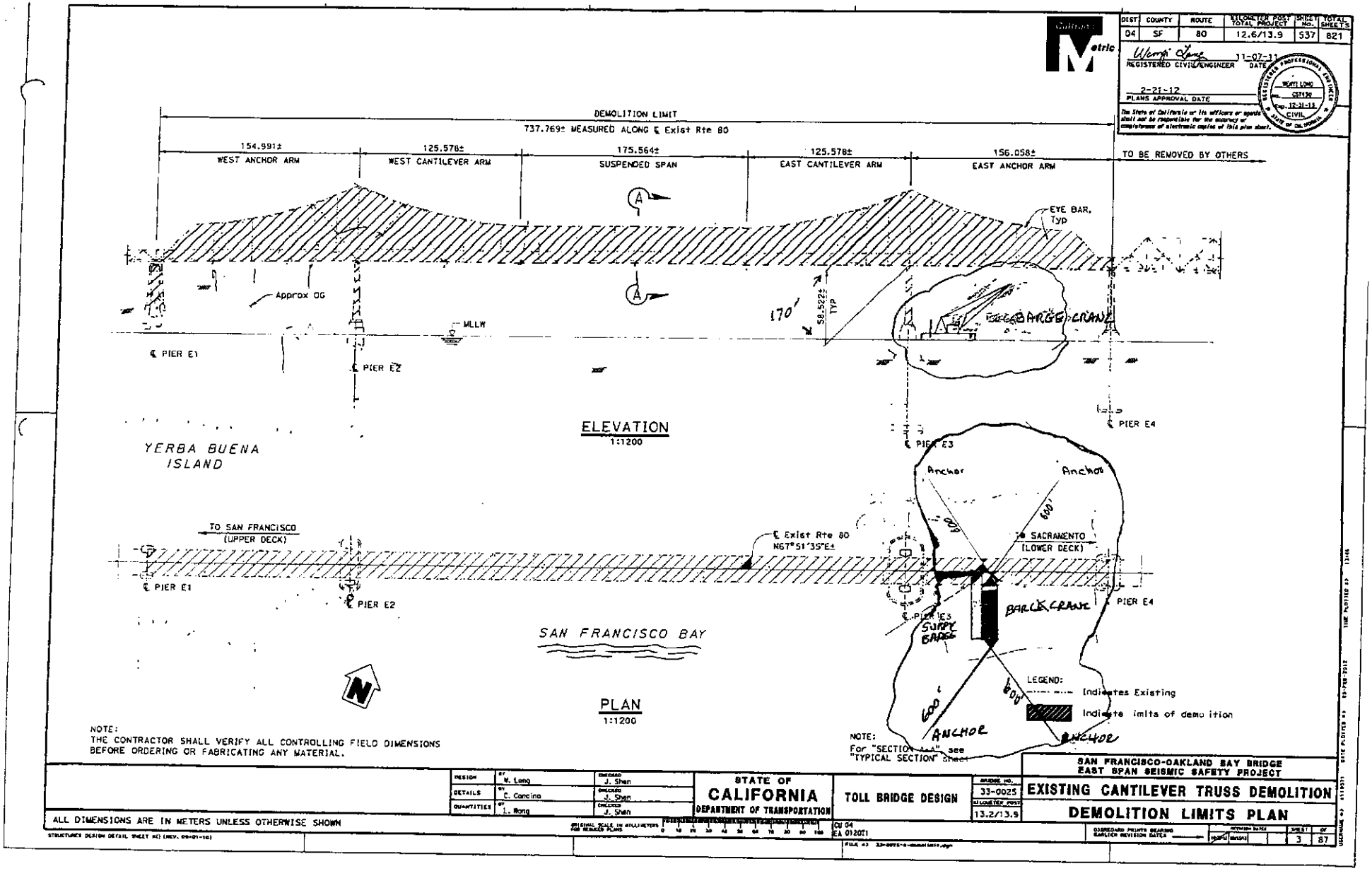
33-0025
13.2/13.9

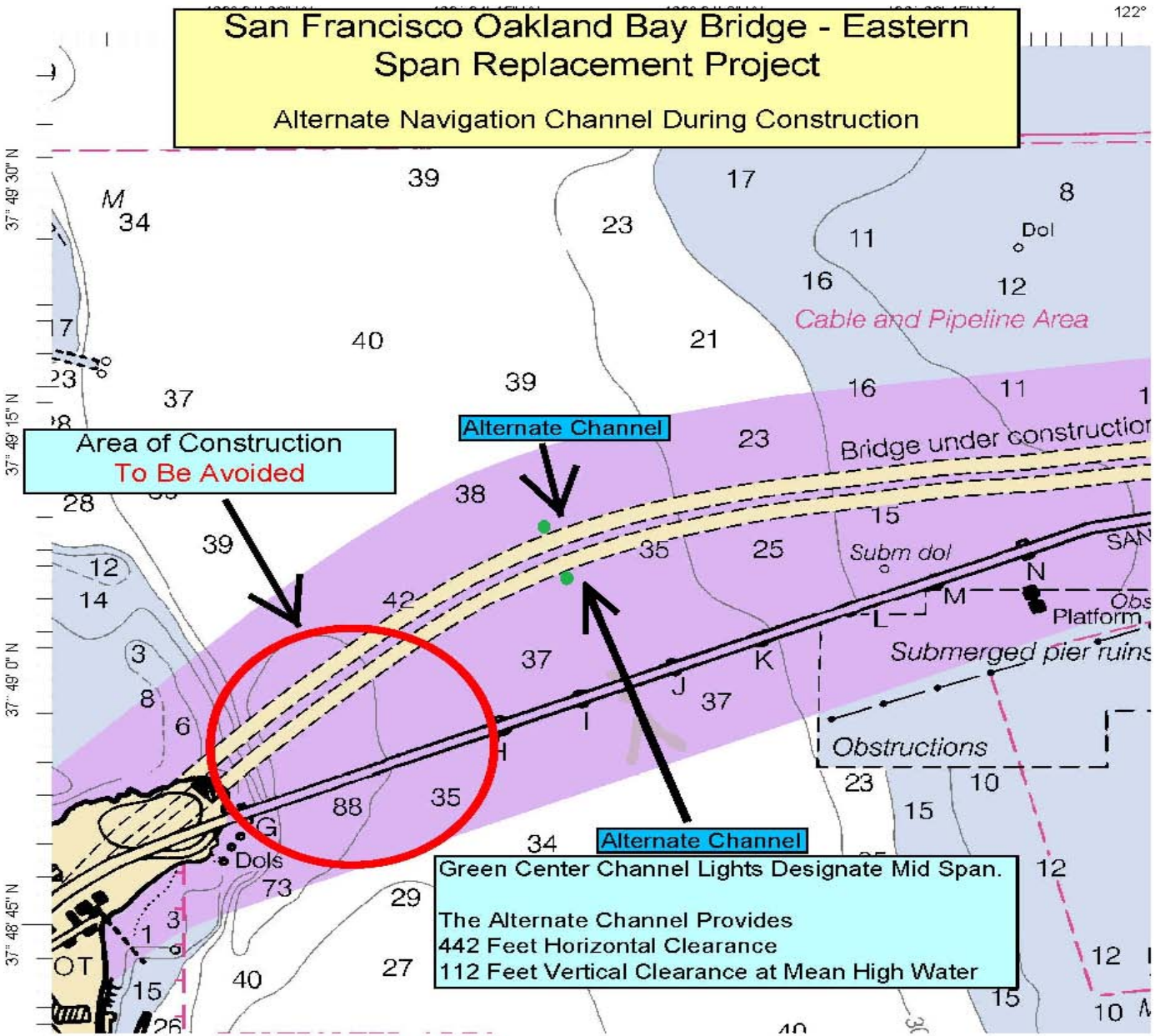
SAN FRANCISCO-OAKLAND
EAST SPAN SEISMIC SAFET

EXISTING CANTILEVER TRU
FOUNDATION

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

San Francisco Oakland Bay Bridge Eastern Span Dismantling
Barge Mooring Diagram




San Francisco Oakland Bay Bridge - Eastern Span Replacement Project
Alternate Navigation Channel During Construction
Area of Construction
To Be Avoided
Alternate Channel
Alternate Channel
Green Center Channel Lights Designate Mid Span.
The Alternate Channel Provides
442 Feet Horizontal Clearance
112 Feet Vertical Clearance at Mean High Water
Cable and Pipeline Area
Bridge under construction
Subm dol
Platform
Submerged pier ruins
Obstructions
Dols
Dol
122°
37° 49' 30" N
37° 49' 15" N
37° 49' 0" N
37° 48' 45" N