U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 30/14

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-0022-14, SF-0109-14, LA-0098-14, and SD-0109-14 have been incorporated in this notice 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 bridge related issues during normal working hours Monday through Friday, contact the Coast Guard Eleventh District Bridge Section, Coast Guard Island, Building 50-2, Alameda, CA 94501-5100, telephone: 510-437-3516 Office; 510-219-4366 Cell. For emergencies or discrepancies during nights, weekends and holidays, immediately notify the nearest Coast Guard Sector Command via VHF-FM chan. 16 or via telephone: San Diego & Colorado River 619-278-7031, Los Angeles 310-521-3800, San Francisco 415-399-7300, Eureka 707-839-6100. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution.
To REPORT A DELAY AT A DRAWBRIDGE, report form DelayRept0207.pdf is 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

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	
10	San Diego Bay Approach Lighted Whistle Buoy SD	MISSING	18772	SD-0041-14	11/14	
198	NOAA Lighted Buoy	LT EXT	18721	0040-13	04/13	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
490	Humboldt Bay Entrance Lighted Whistle Buoy HB	REDUCED INT	18622	HB-0020-14	29/14	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1485	San Diego Bay Approach Lighted Whistle Buoy SD	MISSING	18772	SD-0041-14	11/14	
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	
4450	Pier D North Buoy	MISSING	18650	SF-0102-14	29/14	
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	
7465	Sacramento River Deep Water Ship Channel Range A Rear Light	REDUCED INT	18662	SF-0090-14	24/14	
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	
8130	Humboldt Bay Entrance Lighted Whistle Buoy HB	REDUCED INT	18622	HB-0020-14	29/14	
8195	Humboldt Bay Lighted Buoy 9	OFF STA	18622	HB-0019-14	27/14	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1505	San Diego Bay Entrance Range Rear Light	WATCHING PROPERLY	18773	SD-0105-14	30/14	30/14
1620	San Diego Bay Channel Lighted Buoy 16	WATCHING PROPERLY	18773	SD-0109-14	30/14	30/14
5410	San Francisco Bay North Channel Lighted Buoy A	WATCHING PROPERLY	18649	SF-0103-14	29/14	30/14
5922	Pinole Shoal Range Front Light	WATCHING PROPERLY	18654	SF-0097-14	27/14	30/14
7215	Sacramento River Deep Water Ship Channel Light 11	WATCHING PROPERLY	18660	SF-0099-14	28/14	30/14
7220	Sacramento River Deep Water Ship Channel Light 12	WATCHING PROPERLY	18660	SF-0100-14	28/14	30/14
8505	Lake Tahoe Buoy W	WATCHING PROPERLY	18665	NO BNM ISSUED	30/14	30/14

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
505	**Scripps Waverider Lighted Research Buoy 168**	**OFF STA**	**18620**	**HB-0022-14**	**30/14**	
5145	Coyote Point Light 2	TRLB/STRUCT DEST	18651	SF-0061-14	16/14	

5275	**Dumbarton Highway Bridge Fog Signal**	**SS INOP**	**18651**	**SF-0109-14**	**30/14**

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
375	San Francisco North Traffic Lane Lighted Bell Buoy N	Reduced Intensity	18645	SF-001-14	01/14	
382	NOAA Environmental Lighted Buoy 46059	DISCONTINUED	18007		22/12	
500	NOAA Environmental Lighted Buoy 46022	DISCONTINUED	18620	HB 0009-14	10/14	
3085	**Inner Harbor Intake South Light**	**DISCONTINUED**	**18751**	LA-0098-14	**30/14**	
3090	**Inner Harbor Intake North Light**	**DISCONTINUED**	**18751**	LA-0098-14	**30/14**	
4465	San Francisco - Oakland Bay Bridge Pier G Fog Signal	DISCONTINUED	18650		40/13	
4470	San Francisco-Oakland Bay Bridge Pier H Fog Signal	DISCONTINUED	18650		40/13	
4475	San Francisco-Oakland Bay Bridge Pier I Fog Signal	DISCONTINUED	18650		40/13	
8135	Humboldt Bay Lighted Bell Buoy 2	RELOCATED FOR DREDGING	18622	HB-0012-14	17/14	
8175	Humboldt Bay Lighted Bell Buoy 5	RELOCATED FOR DREDGING	18622	HB-0013-14	18/14	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

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

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

Main Panel 2245 NEW YORK HARBOR

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

(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.

18622 **55th Ed.** **01-JUN-10** **Last LNM: 47/08** **NAD 83** **30/14**

ChartTitle: **Humboldt Bay**

Main Panel 1809 HUMBOLDT BAY. Page/Side: N/A

DELETE	Sounding in Feet; 20 (NOS NW-23945)	NOS 40-45-24.000N	124-13-26.400W
CHANGE	Depth Legend - Humboldt Bay to:; 29 FEET FEB 2014 (NOS NW-23945)	NOS 40-45-17.000N	124-13-29.600W
CHANGE	tabulation - Humboldt Bay And Harbor Channel http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=246347; tabulation - Humboldt Bay And Harbor Channel (NOS NW-23946)	NOS 40-45-47.000N	124-09-23.000W

18651 **45th Ed.** **01-DEC-13** **Last LNM: 11/12** **NAD 83** **30/14**

ChartTitle: **San Francisco Bay-southern part;Redwood Creek.;Oyster Point**

Main Panel 1826 SAN FRANCISCO BAY SOUTHERN PART. Page/Side: N/A

CHANGE	tabulation - Redwood City Harbor Channel http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=246320; tabulation - Redwood City Harbor Channel (NOS NW-23988)	NOS 37-30-00.000N	122-17-00.000W

18665 **11th Ed.** **01-AUG-04** **Last LNM: 47/08** **NAD 83** **30/14**

ChartTitle: **Lake Tahoe (Metric)**

Main Panel 1865 LAKE TAHOE. Page/Side: N/A

DELETE	Lake Tahoe Buoy K	CGD11 39-02-42.930N	120-06-32.496W
DELETE	Lake Tahoe Buoy L	CGD11 39-02-35.627N	120-06-53.197W
DELETE	Lake Tahoe Buoy M	CGD11 39-01-12.034N	120-06-50.005W
DELETE	Lake Tahoe Buoy N	CGD11 39-00-42.621N	120-06-31.160W

18687 **13th Ed.** **01-NOV-02** **Last LNM: 20/09** **NAD 83** **30/14**

ChartTitle: **Lake Mead**

Main Panel 1873 LAKE MEAD SIDE A. Page/Side: A

ADD	Delmar Butte Bouy 33 FL G 4s "33"	CGD11 36-03-28.000N	114-17-46.000W

18746 **39th Ed.** **01-JUN-13** **Last LNM: 18/12** **NAD 83** **30/14**

ChartTitle: **San Pedro Channel;Dana Point Harbor**

Main Panel 1897 SAN PEDRO CHANNEL. Page/Side: N/A

CGD11

RELOCATE	Catalina Harbor Mooring Buoy CG		from 33-25-32.118N	118-30-39.215W
			to 33-25-30.246N	118-30-34.138W

18751 **46th Ed.** **01-AUG-09** **Last LNM: 21/09** **NAD 83** **30/14**

ChartTitle: **Los Angeles and Long Beach Harbors**

Main Panel 1904 LOS ANGELES AND LONG BEACH HARBORS. Page/Side: N/A

			NOS	
ADD	Obstruction in Feet; 17 Obstn	Chart No. 1: K41 (NOS NW-24033)	33-43-48.800N	118-16-37.600W

18757 **11th Ed.** **01-SEP-04** **Last LNM: 06/08** **NAD 83** **30/14**

ChartTitle: **Santa Catalina Island;Avalon Bay;Catalina Harbor;Isthmus Cove**

Inset 1934 CATALINA HARBOR . Page/Side: N/A

			CGD11	
RELOCATE	Catalina Harbor Mooring Buoy CG		from 33-25-32.118N	118-30-39.215W
			to 33-25-30.246N	118-30-34.138W

Main Panel 1910 SANTA CATALINA ISLAND. Page/Side: N/A

			CGD11	
RELOCATE	Catalina Harbor Mooring Buoy CG		from 33-25-32.118N	118-30-39.215W
			to 33-25-30.246N	118-30-34.138W

18773 **43rd Ed.** **01-MAY-12** **Last LNM: 02/12** **NAD 83** **30/14**

ChartTitle: **San Diego Bay**

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

			NOS	
CHANGE	tabulation - San Diego Harbor Channel http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=246430; tabulation - San Diego Harbor Channel (NOS NW-24008)		32-41-30.000N	117-11-49.000W

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)

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

FORT ROSS-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Fort Ross Bell Buoy 32 (LLNR 405) during the week of 18 Aug 14, operations permitting. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18010 18640 LNM: 34/13

LONG BEACH-LED CONVERSION

The U.S. Coast Guard is planning to change Long Beach Light (LLNR 125) 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: 530 18022 18740 18746 18749 18751 LNM: 52/13

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

LOS ANGELES-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install Mariner Radio Activated Sound Signals (MRASS) devices on the following Aids to Navigation (AtoN):
Newport Bay West Jetty Light 3 (LLNR 90)
Port Hueneme Light (LLNR 190)

Dana Point Breakwater Light 3 (LLNR 2395)
Anaheim Bay West Jetty Light 5 (LLNR 2800)
Alamitos Bay West Jetty Light 1 (LLNR 2835)
Long Beach Breakwater East End Light 1 (LLNR 2845)
Redondo Beach East Jetty Light 2 (LLNR 3335)
Marina Del Rey Light 3 (LLNR 3455)
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. 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 18724 18725 18740 18744 18746 18748 18749 18751 18754 18774 LNM: 33/13

LOS ANGELES-PROPOSED CHANGE

The U.S. Coast Guard is planning to change Los Angeles Main Channel Range Front Light (LLNR 3122) to an LED with a FL Q characteristic. 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: 18746 18749 18751 LNM: 21/14

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

SAN CLEMENTE-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Pyramid Cove Anchorage Light (LLNR 2535). 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: 530 18020 18022 18762 18764 18773 LNM: 48/13

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 FRANCISCO-BOLINAS BAY-DUXBURY REEF

The U.S. Coast Guard is planning to change Duxbury Reef Lighted Whistle Buoy 1DR (LLNR 4205) to a buoy hull without a whistle during the week of 18 Aug 14, operations permitting. 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: 18010 18022 18640 18645 18647 18649 18680 LNM: 45/13

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)

SAN FRANCISCO BAY- MAIN SHIP CHANNEL-LED CONVERSION

The U.S. Coast Guard is proposing to change San Francisco South Traffic Lane Lighted Bell Buoy S (LLNR 345) and Lighted Gong Buoy N (LLNR 375) to LEDs with a 5nm nominal range. Direct any questions, comments, or feedback no later than 11 Aug 14 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.a.stenkamp@uscg.mil.

Charts: 18010 18022 18640 18645 18680 LNM: 27/14

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

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 38-02.754N 122-07.647W. The scaffolding reduces vertical clearance by approximately 4ft and will be lighted at night with red lights. For more details contact Dave Sulouff at 510-437-3516.

Chart 18656 LNM: 09/14

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

CERRITOS CHANNEL-BRIDGE

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION- Two temporary eastern trestles are in place for construction of the replacement bridge. Erection of temporary falsework over the trestles will commence in October 2014. The main navigation span through the construction site provides 75ft of horizontal clearance and, once temporary falsework is in place, 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

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 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

DELTA & RIVERS-SACRAMENTO RIVER-MARINE CONSTRUCTION

Balfour Beatty Infrastructure, Inc. will be constructing a cofferdam along the Sacramento River just north of the I-5 freeway until 31 Aug 14. During construction, the work will extend approximately 100ft into the water. Once construction is completed, the cofferdam will extend out into the water approximately 50ft, and will remain on site until 31 Sep 15. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Rodney Gordon at 916-869-1190.

Chart 18664 LNM: 25/14

DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

I-120 HIGHWAY BRIDGE SOUTH- 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-SAN JOAQUIN RIVER-MARINE CONSTRUCTION

Ballard Marine Construction will conduct diving and construction operations in the San Joaquin River near Sherman Island at 38-01-59N 121-44-12W from 04-08 Aug 14. M/V VALKYRIE will be on site monitoring VHF-FM Chan. 16. For more details or comments contact Darek Chase at 415-410-3965.

DELTA & RIVERS-SAN JOAQUIN RIVER-MARINE CONSTRUCTION

Chart 18652 LNM: 30/14

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) until December 2014. Derrick Barge VALKYRIE and Tugs ELMER M and JEFFERY M will be on site monitoring VHF-FM Chan. 76 and 74. Offload operations will occur at POLB Pier S Support Site between Berths S106 and S108. Lighted crown-cans will be positioned adjacent to structure upon removal of lights to indicate presence of structure at night. Removed items will be loaded on DB Valkyrie deck or adjacent flat barge and offloaded at the POLB Pier S offload site. The DB Valkyrie will use spuds to anchor at each location. Manson Crews will contact Jacobsen Pilot Service dispatch on Channel 74 prior to start of shift, at 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-GEOTECHNICAL DRILLING

Gregg Drilling and testing will be conducting drilling operations in the vicinity of Long Beach Pier 400 and Anchorage B from 04-08 Aug 14. R/V QUIN DELTA will be on scene monitoring VHF-FM Chan.13, 16, and 14. Mariners are requested to transit the area with caution. For more details or comments contact Captain Tim O'Donnell at 949-254-5190 or e-mail at BEARatSEA@gmail.com.

Chart 18751 LNM: 30/14

MONTEREY BAY–AUV OPERATIONS

Naval Postgraduate School (NPS, www.nps.edu) will conduct continuous autonomous, unmanned maritime vehicle operations in Monterey Bay from 04-22 Aug 14. The Slocum ocean glider will operate in an area between 36-36N to 36-45N and 122-03W to 121-54W until operations are concluded. The glider is remotely attended by the NPS Oceanography Dept. It is buoyancy driven, making repeated dives (each 30-40 minutes) to advance along track at approximately 0.5kts. Between dives, the glider will be at the sea surface for approximately 10-15 minutes communicating with NPS. The glider is 5ft long with a 3ft wing span and its tail section will be 1ft above the water while at the surface. The body has a 9in diameter and is yellow in color with black ID markings. Mariners are requested to transit the area with caution. For more details or comments, contact Naval Postgraduate School Oceanography Department at 831-656-7994 or email jejoseph@nps.edu .

Chart 18685 LNM: 30/14

NEWPORT BAY-BALBOA ISLAND-MARINE CONSTRUCTION

Associated Pacific Constructors, Inc. will be conducting harbor work operations near Balboa Island at at approximately 33-36-12N 117-53-45W during daylight hours Mon-Fri until 11 Aug 14. Tug BREE TESSA and barge MERI will monitor VHF-FM Chan 16. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-772-7472.

Chart 18754 LNM: 29/14

NEWPORT BAY-BAY ISLAND-MARINE CONSTRUCTION

John S. Meek Company, Inc. will conduct marine construction operations in Newport Bay until Aug 2014. The project site runs along the beach from the American Legion Yacht Club Harbor, west 1000ft to 18th Street. The work will consist of pile driving on land, demolition of existing groin wall, installation of a new groin wall, beach nourishment, and dredging. A floating silt curtain will surround the whole site approximately 10ft off the beach. Construction work will be done from CRANE BARGE 1106; two scows may also be on site. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Bryan O'Sullivan at 415-258-6876.

Chart 18754 LNM: 47/13

NEWPORT BAY-DREDGING

Dutra Dredging will be conducting dredging operations in Newport Bay between 19th St and the American Legion Yacht Club during daylight hours Mon-Fri until 21 Aug 14. Dredged material will be disposed of within a near shore rectangular area centered on 33-37-03N 117-56-36W. D/B MORTY, tug KILLEEN, and two dredge scows will be on site monitoring VHF-FM Chan. 16 and 82. A temporary mooring site has also been established in the lower bay at approximately 33-36-32N 117-55-01N. Scows and other equipment will be moored there periodically until the end of the project. For more details or comments contact Andrew Hunt at 415-847-6640.

Chart 18754 LNM: 26/14

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- 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 at 510-437-3516.

Chart 18654 LNM: 26/13

POINT ARGUELLO TO DANA POINT-WHALES

NOAA recommends vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, through November 2014, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales which 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.). See Whale Advisory Zone.pdf and WhalePoster_final.pdf in the enclosure section for more details.

POINT ARGUELLO TO DANA POINT-WHALES

Additional information can be found at: http://channelislands.noaa.gov/management/resource/ship_strikes.html

NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals. Please email to whales@noaa.gov. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan.16.

Chart 18741 LNM: 22/14

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-HARBOR ISLAND-MOORING BUOYS

The Everingham Bait Barge in San Diego Bay has returned to Point Loma. Although the two bait barges have returned to their permanent location, four mooring balls remain in Anchorage 214 off the eastern end of Harbor Island. The mooring balls are spherical, white in color, and are lighted at night with white lights. For more information, please contact LCDR John Bannon, U.S. Coast Guard Sector San Diego at 619-278-7261.

Chart 18773 LNM: 30/14

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 31 Aug 14, in an area bound by the following coordinates:
32-33-00N 118-25-00W
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: 30/14

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. 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-MARINE CONSTRUCTION

Nova-Shimmick JV will conduct diving operations in San Diego Bay at the naval fuel pier at 32-42-04N 117-14-08W until 31 Jul 14. Diver support vessels will be anchored near the fuel pier monitoring VHF-FM Chan. 16 and 68. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dive site. For more details or comments contact Craig Haverstick at 619-571-4178.

Chart 18773 LNM: 27/14

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

Fordyce Construction will be conducting surface improvement work on the Broadway Pier in North San Diego Bay until 29 Aug 14. Work will be carried out from an 18ft skiff with an 8ft X 8ft barge. 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 Fordyce Construction at 619-449-1930.

Chart 18773 LNM: 19/14

SAN DIEGO-MARINE EVENT

Navy Yacht Club San Diego is sponsoring a sailing event involving 25 sailing vessels racing in south San Diego Bay every Wednesday night from 1800-1900 until 27 Aug 14. The racing area will be between Fiddlers Cove Marina to the south, Navy Base Coronado to the north, and 32nd St. Naval Station to the east. Mariners are requested to transit the area with caution. For more details or comments contact Ms. Jennifer Lench at 858-945-4798.

Chart 18773 LNM: 16/14

SAN DIEGO-MARINE EVENT

Cortez Racing Association is sponsoring a boating event in North San Diego Bay every Wednesday night from 1700-2030, through 06 Aug 14. The course begins near the middle of Harbor Island crossing the Federal Channel in numerous different locations between channel buoys 19 and 23.

SAN DIEGO-MARINE EVENT

Mariners are requested to transit the area with caution and share the waterway with event participants. For more details or comments contact Ms. Colleen Cooke at 619-852-5010.

Chart 18773 LNM: 20/14

SAN DIEGO-MARINE EVENT

Southwestern Yacht Club is sponsoring a sailboat race in north San Diego Bay and Coronado Roads from 1100-1730, 02 Aug 14. Approximately 50 vessels will participate. The race course starts and finishes at buoy 17 crossing the channel in numerous locations throughout the race. Mariners are requested to transit the area with caution. For more details or comments contact Jeff Rodriquez at 520-360-1860.

Chart 18773 LNM: 30/14

SAN DIEGO-NAVAL BASE CORONADO-DREDGING

Manson Construction Co. will be conducting continuous dredging at San Diego Bay Naval Base Coronado, as part of the Maintenance Dredging at Carrier Berths J-P project until 10 Sep 14. Dredging operations will be performed at carrier berths J through P Monday-Friday, with dredged material being disposed of at the LA-5 disposal site at 32-37-49N 117-20-40W. Derrick barge DB VALHALLA; scows EASTPORT and NORTHPORT; and tug ELMER M will be on site monitoring VHF-FM Chan. 13 and 16. For more details or comments contact Troy Hempfield at 904-304-9001.

Chart 18773 LNM: 30/14

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 LCDR 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-ENTRANCE TSS-WHALES

Mariners are advised that large numbers of endangered whales have been observed in and around the San Francisco shipping lanes. NOAA recommends that vessels transiting the area exercise caution and keep a sharp eye for whales. Blue and humpback whales are in the area and 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.).

Additional information can be found at http://farallones.noaa.gov/eco/vesselstrikes/welcome.html.

NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals. Please email to whales@noaa.gov.Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan.16.

Chart 18645 LNM: 23/14

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-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-PINOLE SHOLE TO SUISUN BAY-DREDGING

The Army Corps of Engineers will be conducting dredging operations in the Federally authorized Navigation Channels from approximately 31 Jul 14 through 18 Aug 14. The government hopper dredge YAQUINA will be performing annual maintenance dredging at Pinole Shoal Channel, Bulls Head Shoal, and Suisun Bay Channel. Dredged material will be disposed of at Suisun Bay Disposal site (SF-16), with Carquinez Strait Disposal site (SF-9) as the alternate site; dredging operations at Pinole Shoal Channel will utilize the (SF-10) disposal site in San Pablo Bay. M/V YAQUINA will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact YAQUINA's master at 541-974-7596 or 541-974-4418.

Charts: 18650 18655 18656 LNM: 30/14

SAN FRANCISCO BAY-RICHARDSON BAY-DREDGING

Salt River Construction will conduct dredging operations in the strawberry Homeowners Channel in Richardson Bay at 37-52-41N 122-29-44W until

SAN FRANCISCO BAY-RICHARDSON BAY-DREDGING

30 Nov 14. The dredge/dump barge DB#2 and tug HAYDEN BAY will monitor VHF-FM Chan. 13, 14, and 78. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 29/14

SAN FRANCISCO BAY-RICHMOND HARBOR-DREDGING

Dutra will conduct continuous dredging operations in Oakland Inner and Outer Harbor Entrance Channels from 01 Aug 14 through 30 Nov 14. Clamshell dredges DB 24 and DB BEAVER, and tug BECKY T will monitor VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 29/14

SAN FRANCISCO BAY-RICHMOND-MARINE CONSTRUCTION

Manson Construction Company will conduct marine construction operations in Santa Fe Channel from 0600-1800 Mon-Fri, until approximately 01 Oct 14. Work will consist of various wharf modifications to include pile driving and platform upgrades at the International Matex Tank Terminals. Derrick barges HAGAR and ELINAR will be on site monitoring VHF-FM Chan. 13, 16, and 68. Mariners are requested to transit the area with caution, and proceed at a no wake speed while transiting near the work site. For more details or comments contact project manager Terry Hammerwold at 510-773-6963.

Chart 18649 LNM: 05/14

SAN FRANCISCO BAY-SECURED ANCHORAGE

The W5 berth in anchorage 9, centered at 37-43-75N 122-20-69W, is secured until further notice due to an obstruction to navigation. Approximately 400ft of discarded anchor chain has been located on the seabed in position 37-43-92N 122-20-71W. Mariners are requested to avoid anchoring in this area.

Chart 18649 LNM: 05/13

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-VALLEJO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Salt River Construction Corporation will commence outfall rehabilitation for the Vallejo Sanitary Flood Control District at 38-05-24N 122 15 13W from 01 Aug 14 through 15 Oct 14. A self contained derrick barge and tug HAYDEN BAY will monitor VHF-FM Chan. 13, 14, and 77. Temporary mooring piles and anchor balls will be placed up to 400ft west of the eastern shoreline of Mare Island Strait. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18655 LNM: 30/14

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". The bridge fog signals east of YBI have been temporarily discontinued to allow demolition of the bridge. 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 at 510-437-3515.

Chart 18650 LNM: 43/08

SAN LUIS OBISPO BAY-DREDGING

Port San Luis Harbor District will conduct dredging operations at the Port San Luis sport launch and mobile hoist pier until 03 Aug 14. A land based crane will be used and dredged material will be disposed of at the West Bluff Beach disposal site. Mariners are requested to transit the area with caution. For more details or comments contact Facilities Manager Loch Dreizler at 805-595-5419.

Chart 18704 LNM: 08/14

SAN PEDRO CHANNEL TO CERRITOS CHANNEL/LA EAST BASIN-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the navigable waters from San Pedro Channel to Cerritos Channel/LA East Basin. The study will include looking at waterborne commerce and safe vessel navigation with a focus on the existing aids to navigation in the area. This study includes the Port of Los Angeles and its approaches, the Port of Long Beach and its approaches, and the San Pedro Channel. WAMS studies are conducted periodically throughout designated navigable waters to better facilitate safe and effective

SAN PEDRO CHANNEL TO CERRITOS CHANNEL/LA EAST BASIN-WATERWAY SURVEY ANNOUNCEMENT

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 Nov 14. The WAMS survey is available online at https://surveys.uscg.mil/Community/se.ashx?s=6F20F774002AC607.

Charts: 18746 18749 18751

LNM: 28/14

SANTA BARBARA TO PORT HUENEME-WATERWAY SURVEY ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) study of the navigable waters from Santa Barbara to Port Hueneme. The study will include looking at waterborne commerce and safe vessel navigation with a focus on the existing aids to navigation in the area. This study includes Santa Barbara Harbor, Ventura Harbor, Channel Islands Harbor, and Port Hueneme. 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 Manangement Department at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil prior to 01 Nov 14. The WAMS survey is available online at https://surveys.uscg.mil/Community/se.ashx?s=6F20F774002AC63A.

Chart 18725

LNM: 27/14

VENTURA HARBOR-MARINE CONSTRUCTION

Cushman Contracting Corporation will conduct the rehabilitation of the Ventura Harbor public boat launch ramp until approximately 01 Aug 14. Work will consist of demolition and removal of the existing boat launch ramp pavement, construction of a temporary steel sheet pile cofferdam, excavation and removal of sub-grade material below the existing ramp, placement of new stone slope protection, removal and replacement of 16 inch diameter concrete guide piles, removal of existing boarding floats, and retrofit of existing boarding floats. The work will be confined to the northeast basin of Ventura Harbor at approximately 34-14-27N 119-15-48W. A 40 X 60 ft stationary crane barge and several small work skiffs will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and stay clear of the work site. For more details or comments contact Jim Dinning at 805-705-9345.

Chart 18725

LNM: 02/14

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	
3750	SANTA BARBARA HARBOR BREAKWATER LIGHT	34-24-17.364N 119-41-16.260W	Fl W 2.5s	35	8	NG on pile.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). The sound signal can be activated upon request to the Santa Barbara Harbor Patrol.	30/14
			*	*	*			
8445	Lake Tahoe Buoy K						Remove from list.	30/14
							*	
8450	Lake Tahoe Buoy L						Remove from list.	30/14
							*	
8455	Lake Tahoe Buoy M						Remove from list.	30/14
							*	
8460	Lake Tahoe Buoy N						Remove from list.	30/14
							*	

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

PETALUMA RIVER-BRIDGE

CofferdamLighting_US101_Petaluma.pdf
See link above for Cofferdam Lighting Diagram
Chart 18654 LNM: 26/13

LONG BEACH-DEMOLITION

Long Beach Demolition Project.pdf
See link above for detailed digram of demolition site.
LNM: 29/14

CARQUINEZ STRAIT-BENICIA-SHOALING

Carquinez Strait Shoaling.pdf
See link above.
LNM: 01/14

POINT ARGUELLO TO DANA POINT-WHALES

Whale Advisory Zone.pdf WhalePoster_final (2).pdf
See link above.
LNM: 22/14

ARIZONA-LITTLEFIELD-VIRGIN RIVER-BRIDGE

Virgin_River_Bridge.pdf
See link above.
LNM: 23/14

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

2014_DemolitionSafetyZone.pdf temp_falsework.pdf barge_lighting.pdf barge_anchor_diagram.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 _____

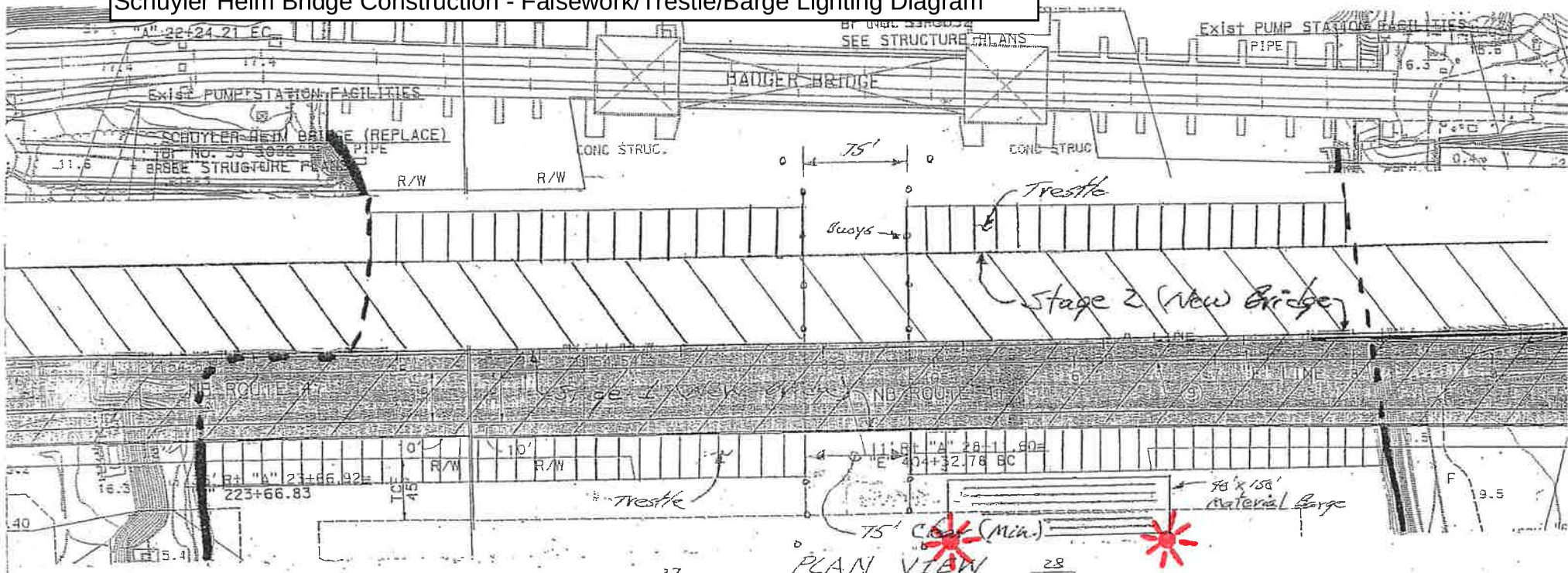
Telephone _____

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

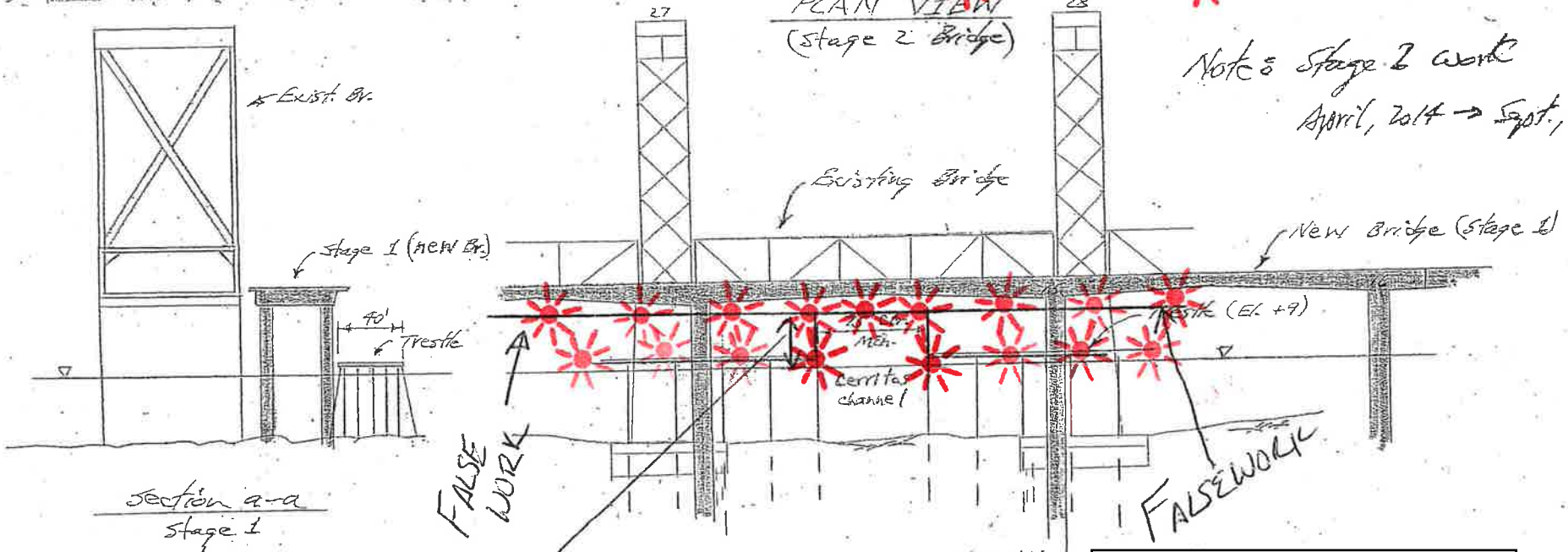
Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11

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

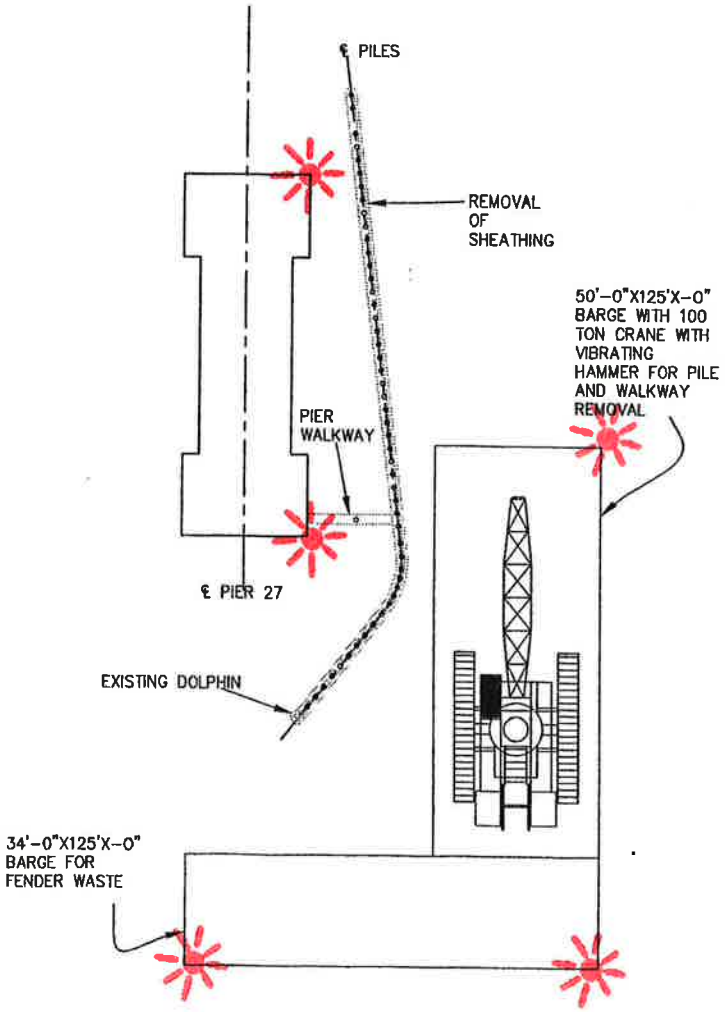
43' VERTICAL CLEARANCE
@ MEAN HIGH WATER

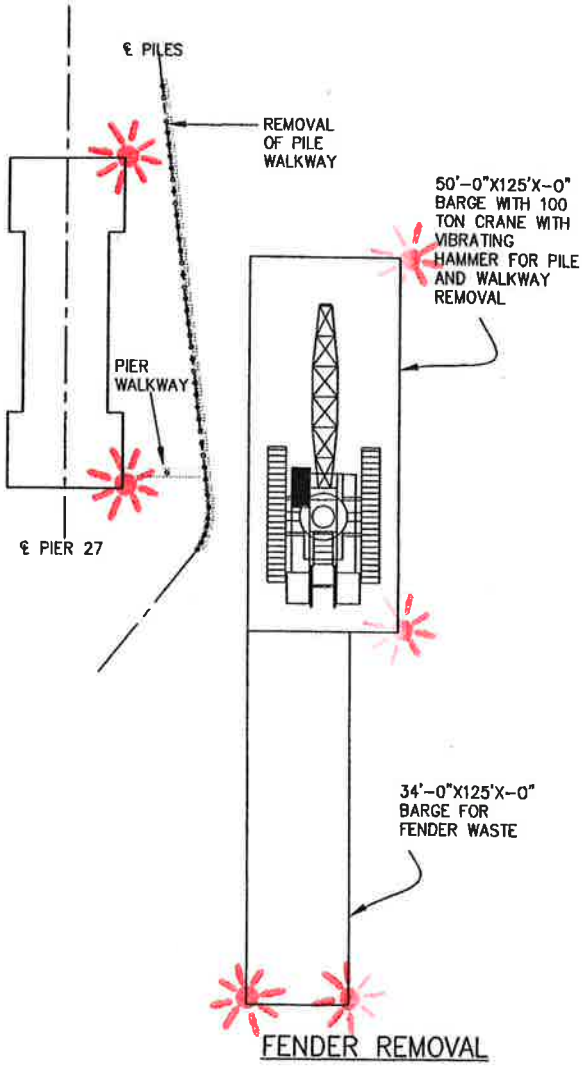
Each outboard corner of the moored barge shall be lighted at night with steady burning all round red lights.

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

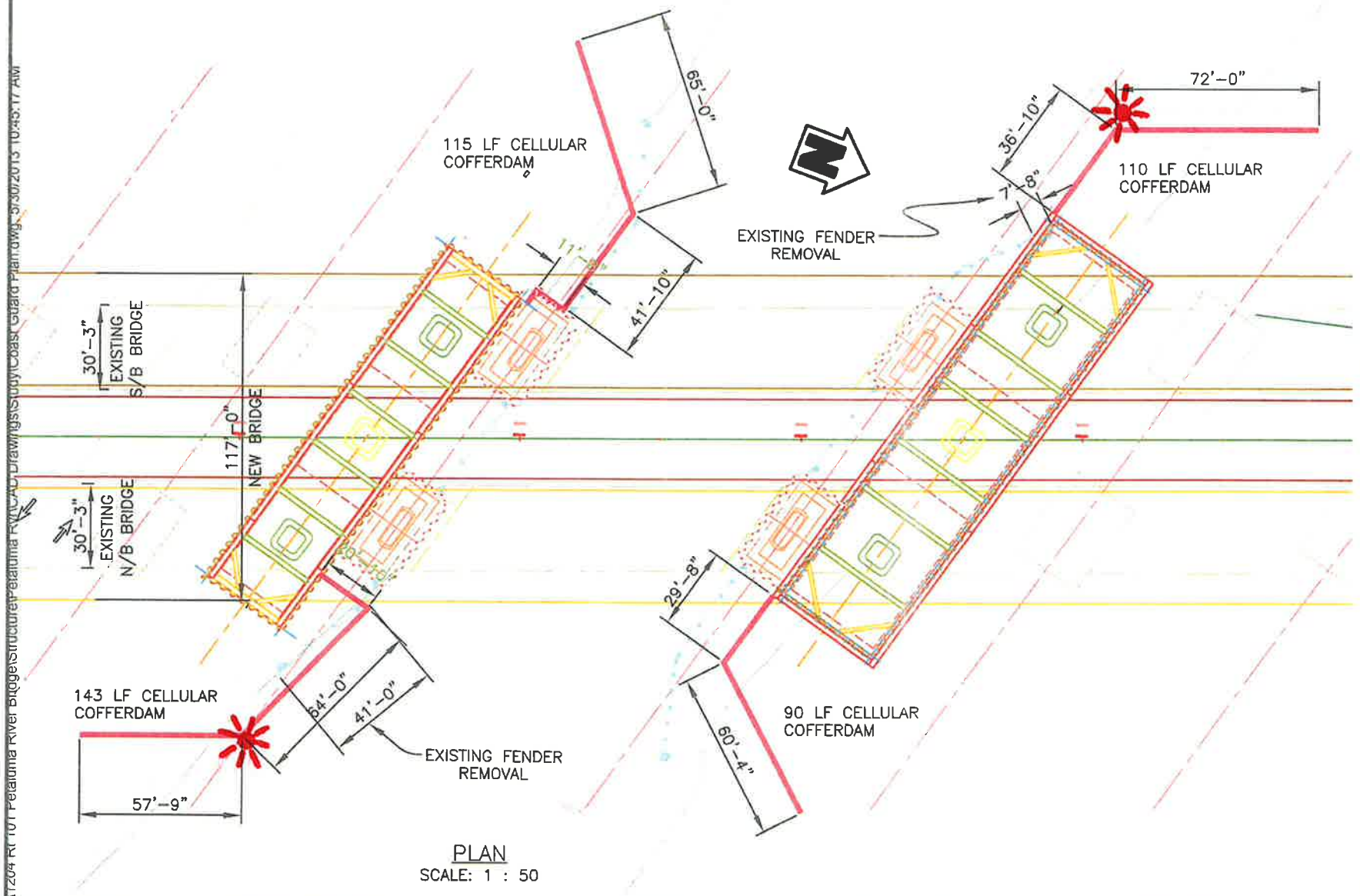
The channel-ward corners of each barge and the upstream and downstream channel-ward ends of each exposed bridge pier shall be lighted at night with steady burning red lights, visible at 1,500 yards by approaching vessels. The lights on the exposed bridge piers shall be mounted at least 1 foot above the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





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.



PLAN
SCALE: 1 : 50

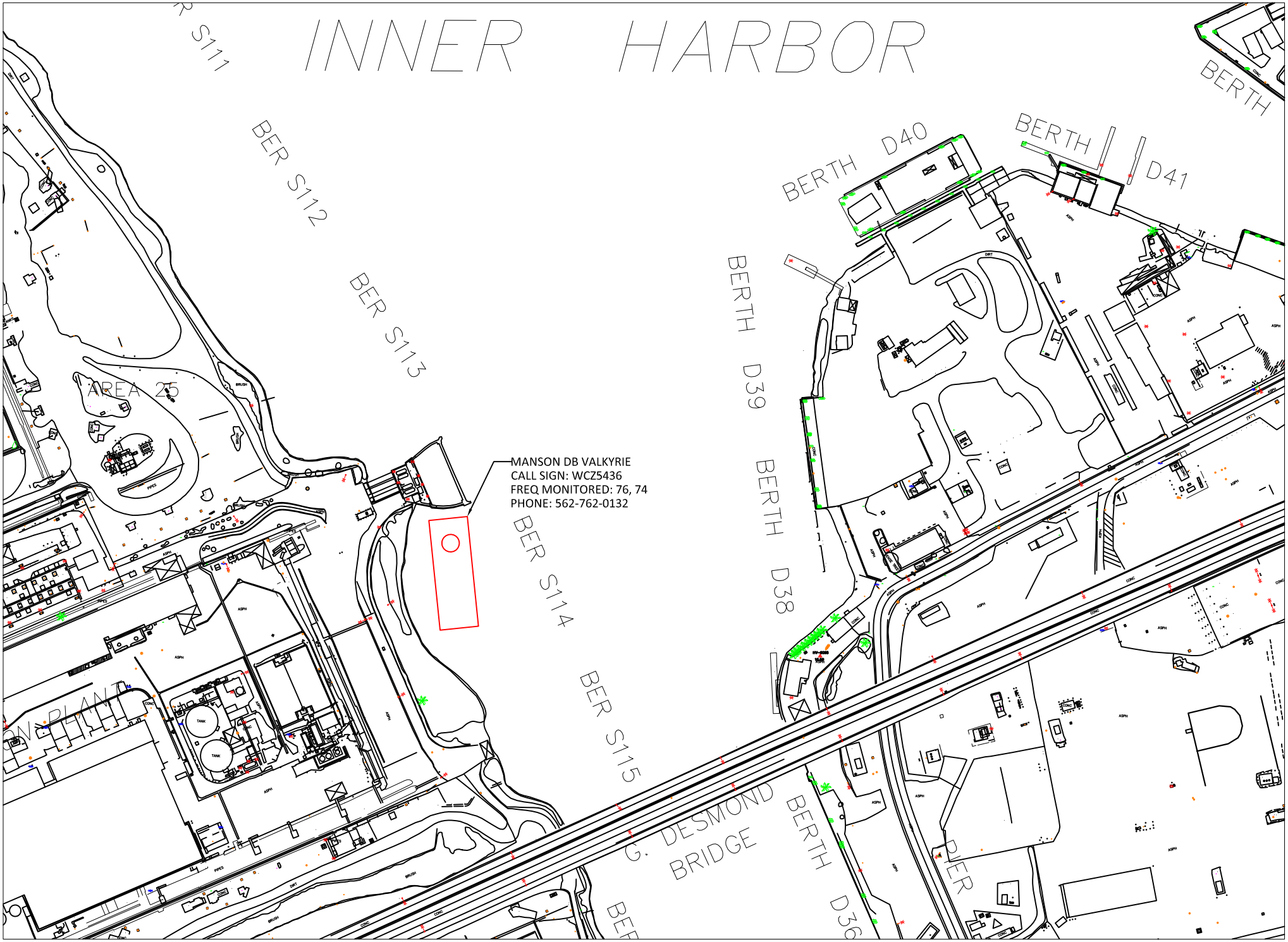
CC MYERS INC.
3286 Fitzgerald Road, Rancho Cordova, CA 95742
P.O. Box 2948, Rancho Cordova, CA 95741
916-635-9370 Fax 916-635-1527

PETALUMA RIVER BRIDGE
COAST GUARD GENERAL PLAN

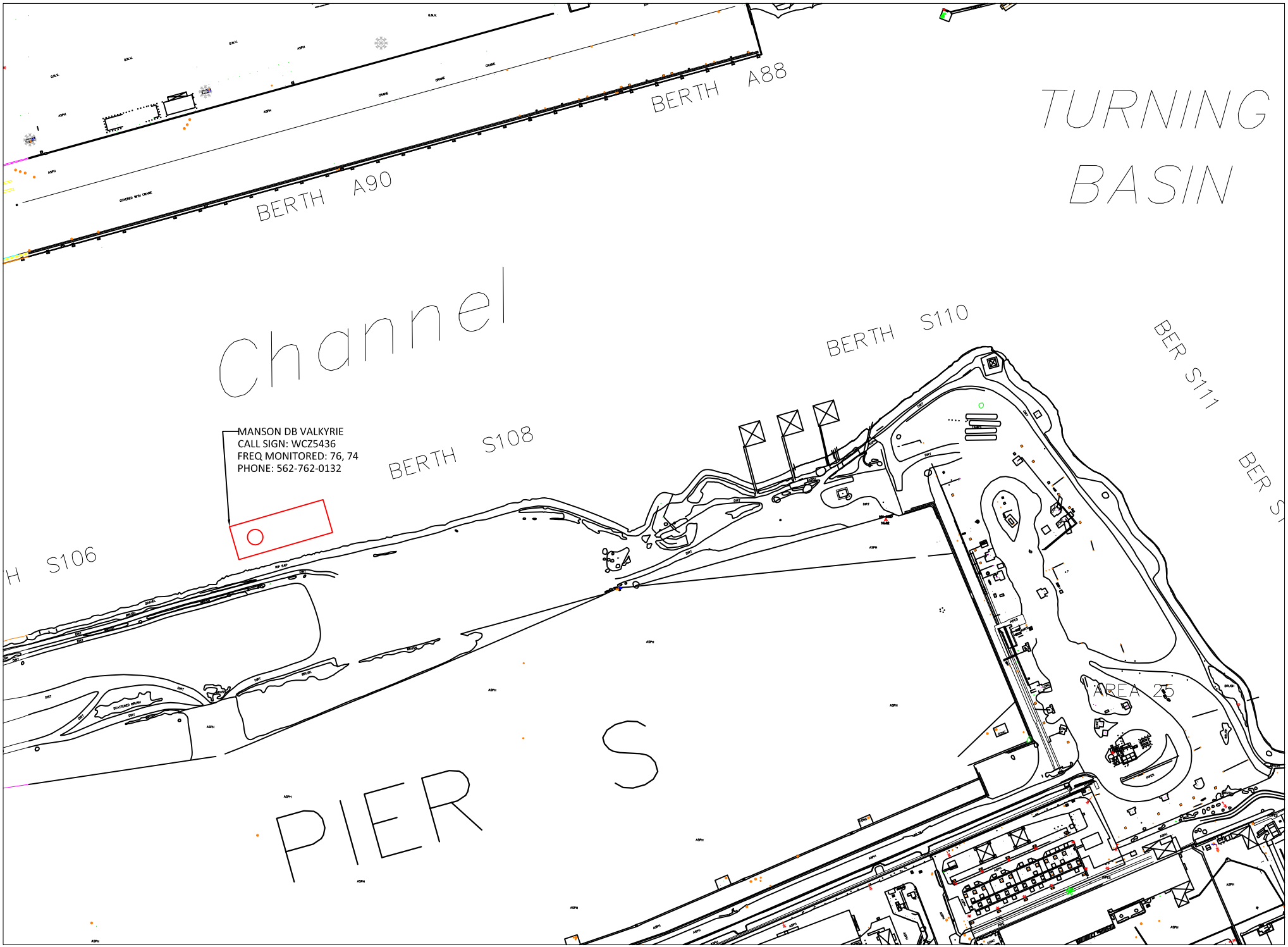
PROJECT: PETALUMA RIVER BRIDGE (REPLACE)
MYERS JOB NUMBER: 1204
CONTRACT NO: 04-2640U4

SHEET NUMBER: 1 OF 1 SHEETS
Coast Guard Plan

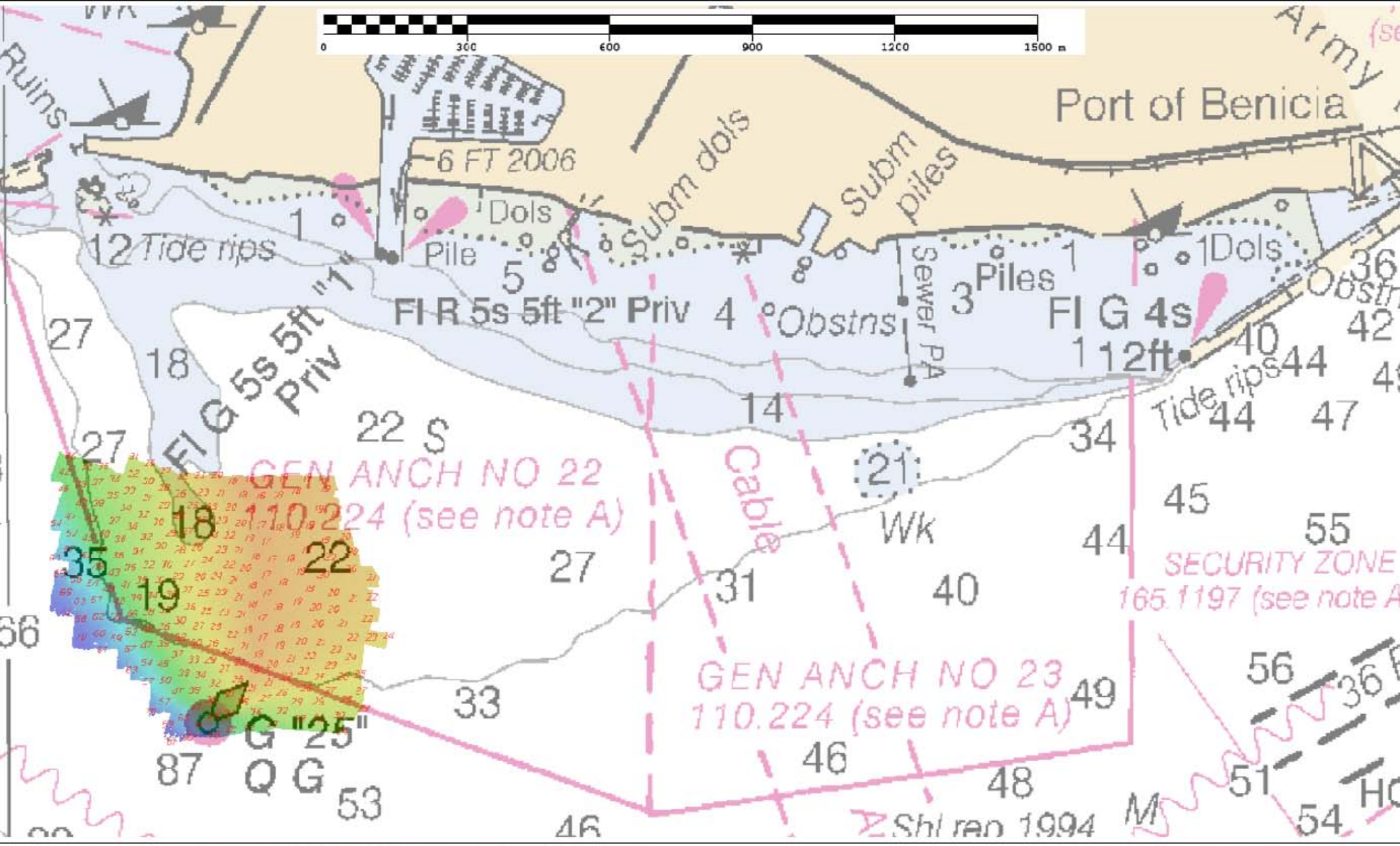
ENCLOSURE ( )



ATTACHMENT 1



ATTACHMENT 2



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

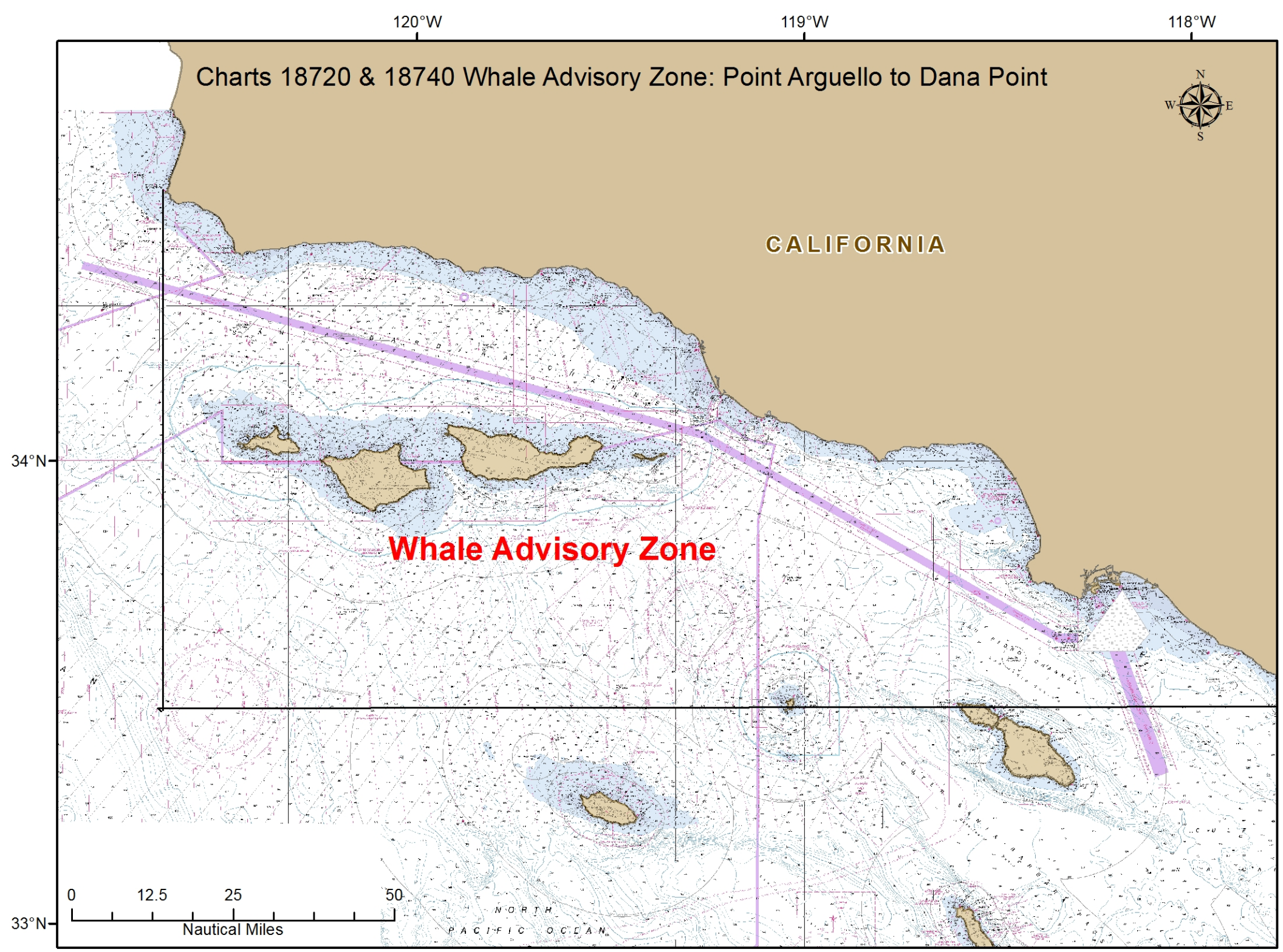
NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

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,


Charts 18720 & 18740 Whale Advisory Zone: Point Arguello to Dana Point
120°W
119°W
118°W
34°N
33°N
N
W
E
S
CALIFORNIA
Whale Advisory Zone
0
12.5
25
50
Nautical Miles
NORTH
PACIFIC OCEAN

WhalePoster_final2_bleed_Layout 1 6/12/13 5:12 PM Page 1

ATTENTION MARINERS

Keep a Sharp Lookout for Whales and Report Sightings

Large whales off the west coast of the U.S. are federally protected species. You can help in their conservation by reporting sightings.

Blue Whale
Balaenoptera musculus

- Up to 88 feet long
- Ridge along top of head
- Mottled bluish gray, often visible below surface
- Tall column blow

- Small variable shaped dorsal fin
- Dorsal fin not visible at blow
- Occasionally shows grayish flukes on final dive

Fin Whale
Balaenoptera physalus

- Up to 75 feet long
- Asymmetrical jaw color, white on right, ridge along top of head
- Brownish gray to black, paler underside
- Tall column blow

- Medium back swept dorsal fin
- Often surfaces low in water with dorsal fin not showing
- Almost never shows flukes — in fact, if you see a whale fluke, it most likely is not a fin whale

Humpback Whale
Megaptera novaeangliae

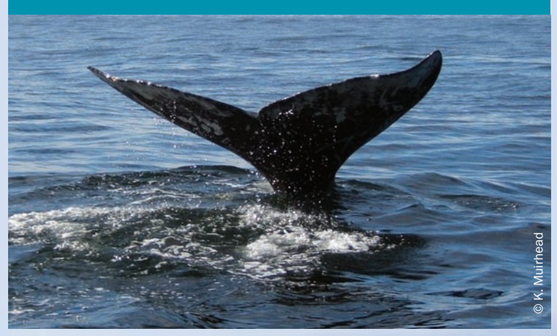
- Up to 60 feet long
- Smooth knob or nodules along top of head
- Dark gray to black
- Medium slightly bushy blow

- Small dorsal fin, hump in back, especially when diving
- Very long pectoral fin (flippers) often seen at surface
- Typically arches high and shows flukes with scalloped trailing edge on last surfacing

Gray Whale
Eschrichtius robustus

- Up to 45 feet long
- Head often covered in barnacles
- Mottled gray and blotchy coloration
- More heart shaped blow

- No dorsal fin but slight dorsal hump and knuckles
- Ridges or knuckles near tail
- Often shows flukes on final dive



REPORT WHALE SIGHTINGS

- Mariners are being asked to report all whale sightings. This information can help with the conservation of these species.
- If you see whales, please collect the following: GPS location, number and species. Email information to: **whales@noaa.gov**
- For information on whales in your area and any NOAA advisories, refer to your district USCG Local Notice to Mariners (LNM) at: **http://www.navcen.uscg.gov**
- For current information on whales and ship strikes go to: **http://sanctuaries.noaa.gov/protect/shipstrike/**

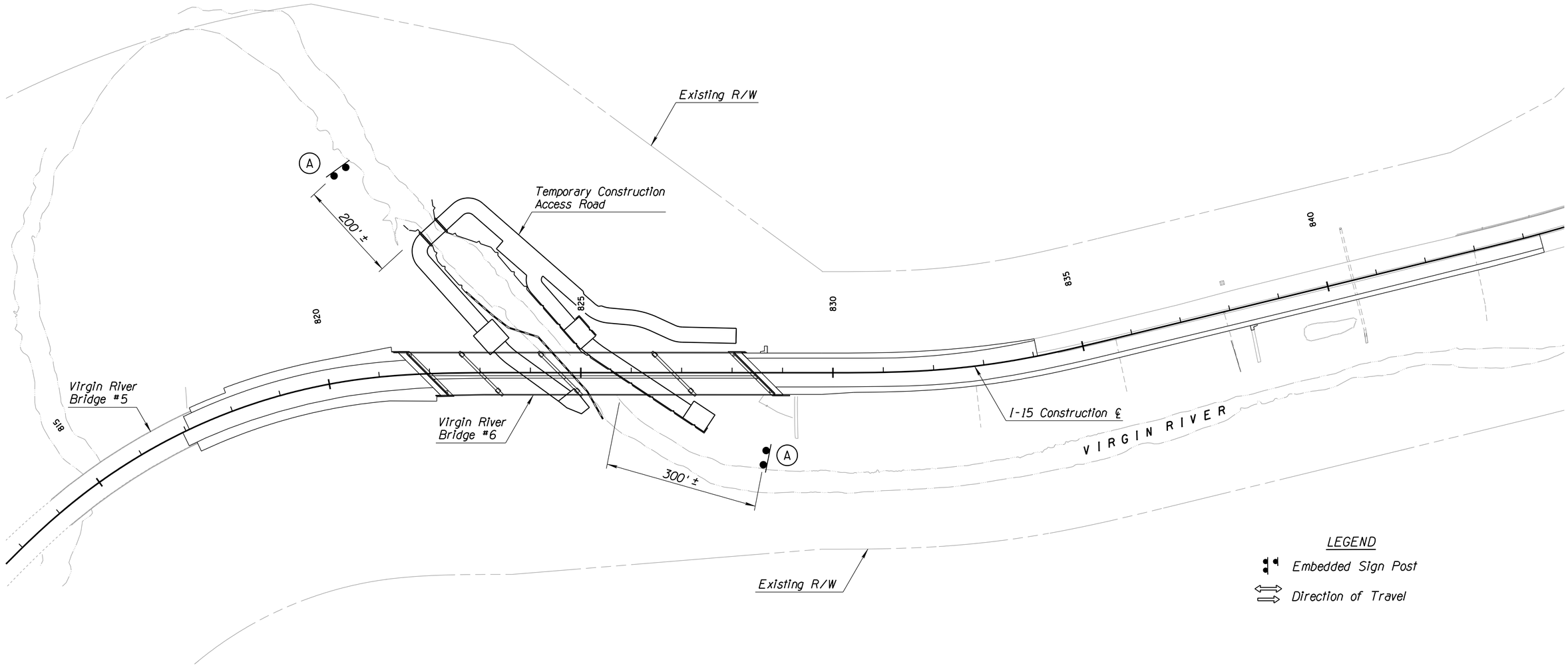
HOW TO REPORT INJURED, DISTRESSED, ENTANGLED OR DEAD WHALE SIGHTINGS

Call: (877) SOS-WHALe [767-9425] or U.S. Coast Guard, VHF Channel 16

SUPPLY THE FOLLOWING INFORMATION:

- **GPS location and time of sighting, condition of whale, species if known, photographs if possible**
- **If you witness a strike, please provide the vessel information (ID), size and speed (if known)**

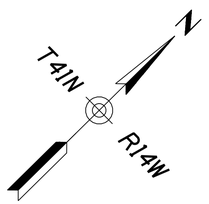
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	015-A(208)S	59	143	
		015 MO 015			

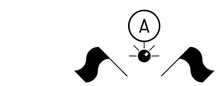


LEGEND

Embedded Sign Post

Direction of Travel





Bridge Construction Ahead
Portage Around Site Using South Bank

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

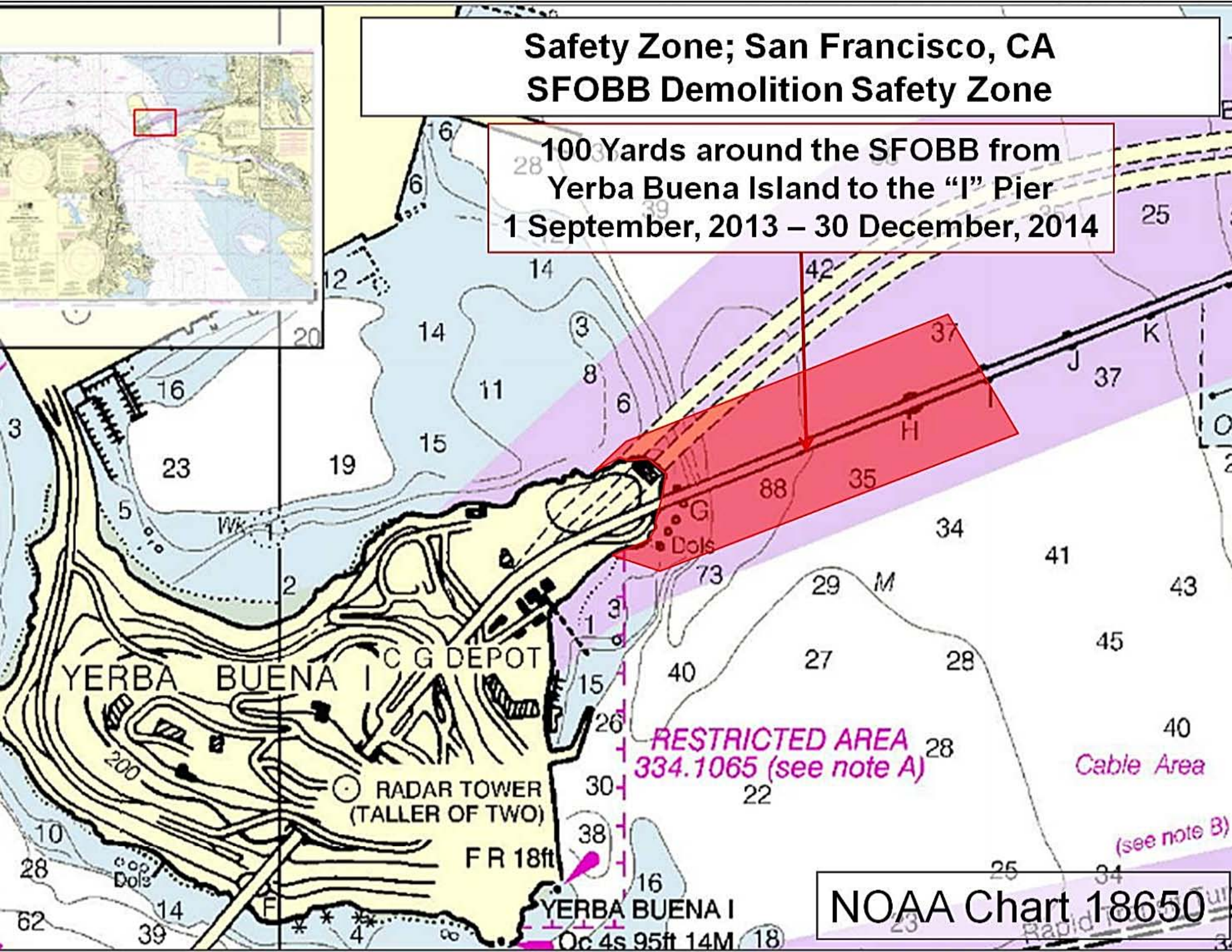
Registered Professional Engineer
CERTIFICATE
25339
BERWYN S. WILBRINK
Date Signed 06 JAN 14
ARIZONA, U.S.A.
Expires 12/31/2016

ROUTE	LOCATION	DWG NO.
I-15	VIRGIN RIVER BRIDGE #6	TC-28

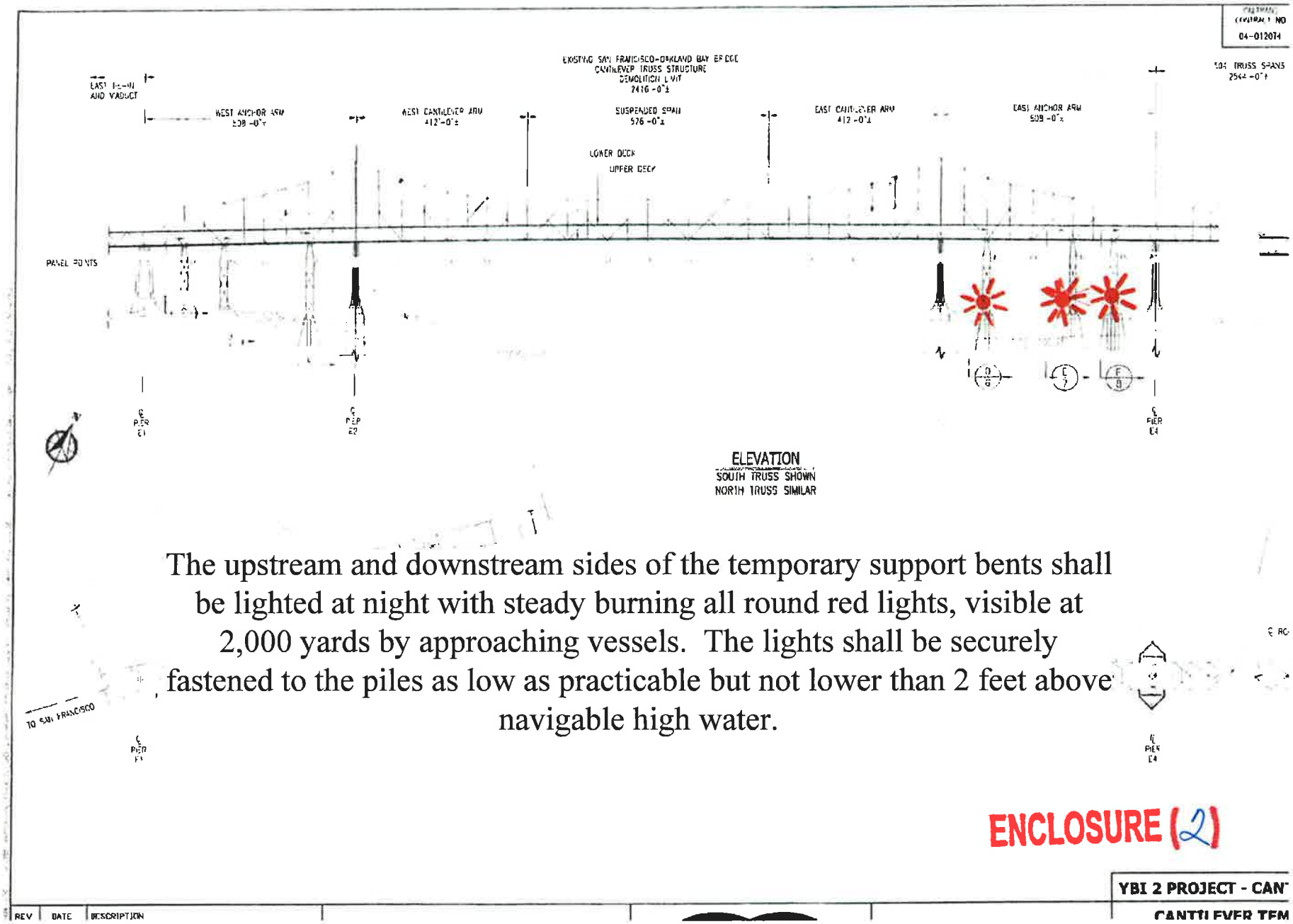
TRACS NO. H8574 01C | 015-A(208)S | ___ OF ___

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

06/01/2014 P:\W7X96100 - 115 Virgin River Bridges\700CADD\702CIVIL\702ADGN\Bridge6-Design\h8574ttc28.dgn


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

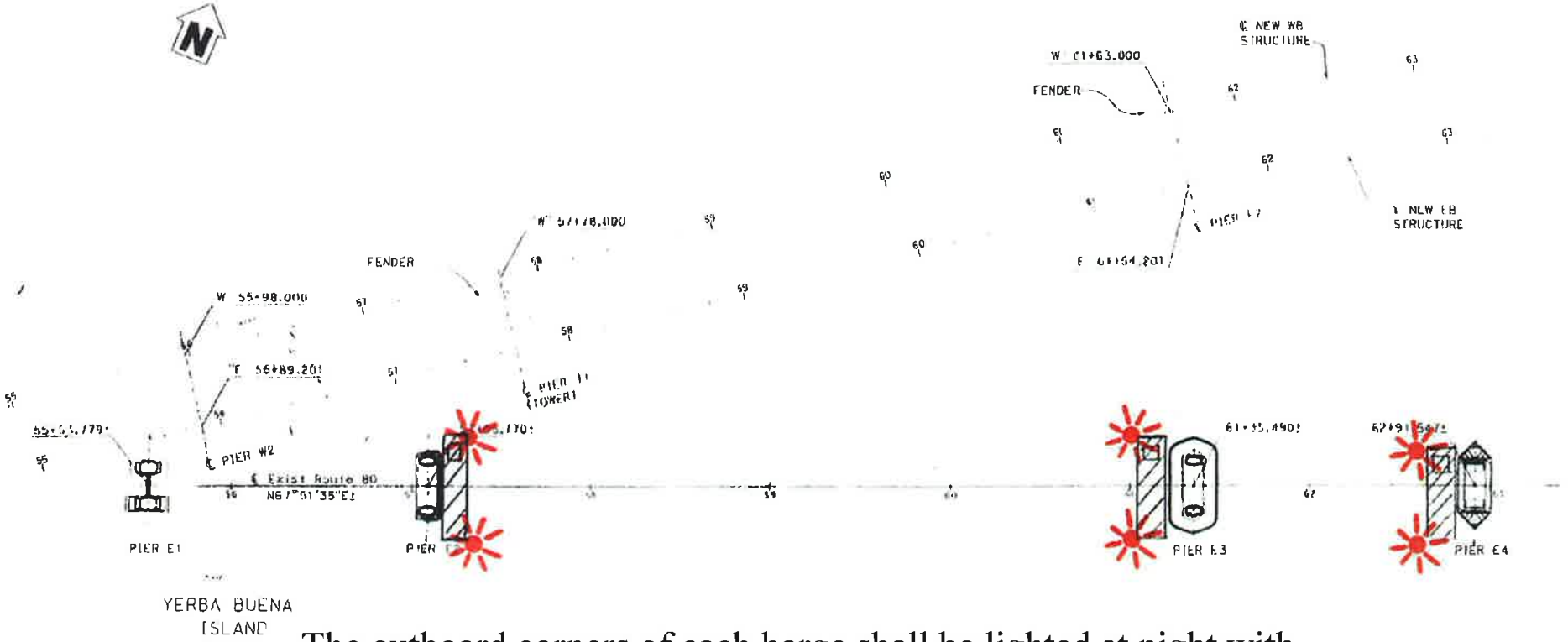
Lighting Diagram - Temporary Support Bents
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



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

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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

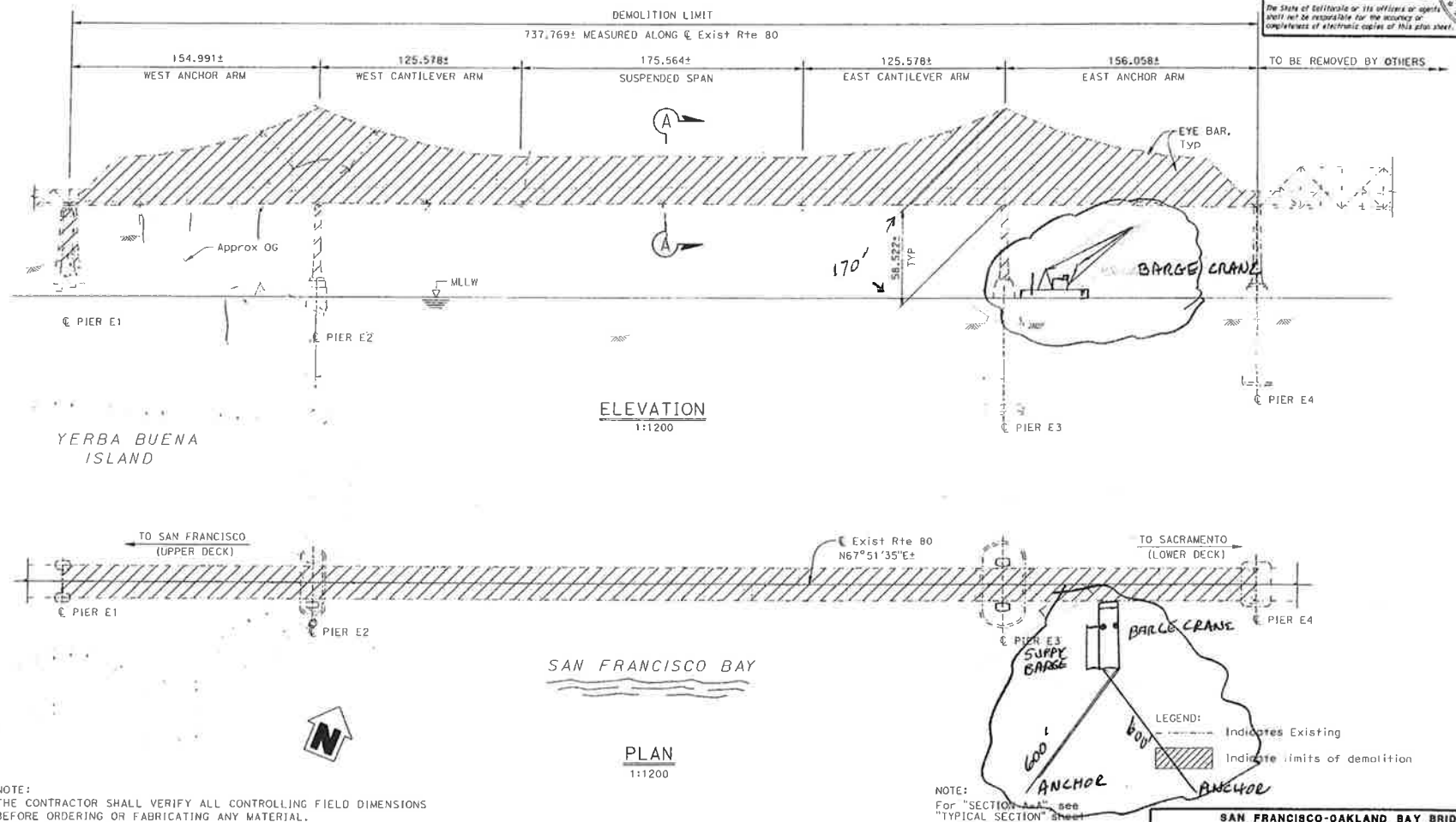
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF	80	12.6/13.9	537	821

Wengi Long 11-07-11
REGISTERED CIVIL ENGINEER DATE

2-21-12
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER WENGI LONG 65743 Exp. 12-31-13 CIVIL STATE OF CALIFORNIA



ELEVATION
1:1200

PLAN
1:1200

LEGEND:
Indicates Existing
Indicate limits of demolition

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

NOTE:
For "SECTION A-A", see "TYPICAL SECTION" sheet

SAN FRANCISCO-OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

DESIGN	BY W. Long	CHECKED J. Shen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	TOLL BRIDGE DESIGN	BRIDGE NO. 33-0025
DETAILS	BY C. Concino	CHECKED J. Shen			KILOMETER POST 13.2/13.9
QUANTITIES	BY L. Wong	CHECKED J. Shen			

EXISTING CANTILEVER TRUSS DEMOLITION
DEMOLITION LIMITS PLAN

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120T1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

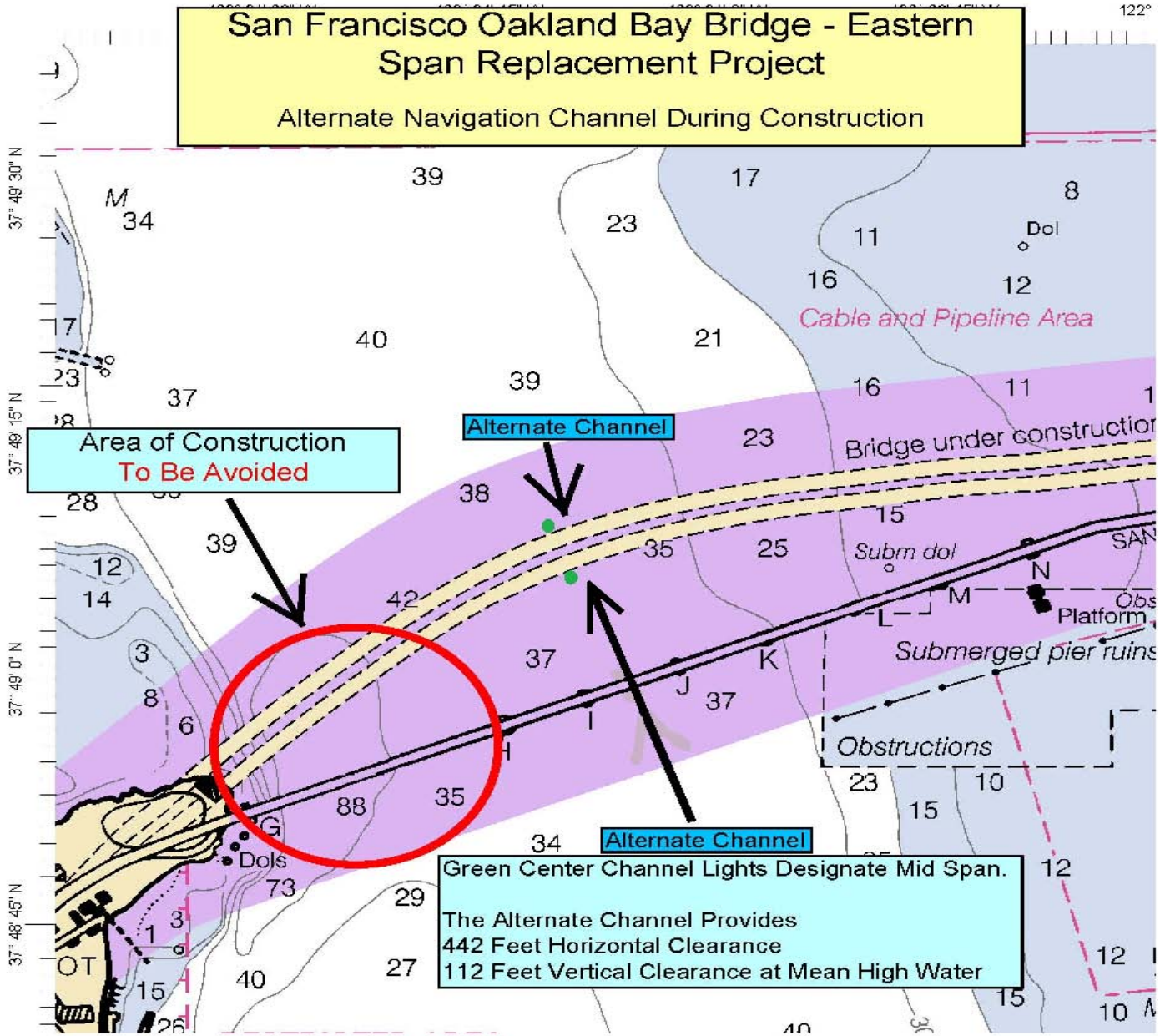
REVISION DATES 10/21/11 12/1/12

SHEET 3 OF 87

STRUCTURES DESIGN DETAIL SHEET XI (REV. 09-01-10)

FILE => 33-0025-c-demolimit.dgn

FD
2 of 4


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
Submerged pier ruins
Obstructions
Platform
Subm dol
Dol
Dols
122°
37° 49' 30" N
37° 49' 15" N
37° 49' 0" N
37° 48' 45" N