U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 47/14

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-0036-14, SF-0173-14, LA-0149-14, and SD-0163-14 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	
10	San Diego Bay Approach Lighted Whistle Buoy SD	REDUCED INT/SS INOP/RAC INOP	18772	SD-0109-14	32/14	
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	REDUCED INT/SS INOP/RAC INOP	18772	SD-0109-14	32/14	
2805	Anaheim Bay East Jetty Light 6	STRUCT DEST	18749	LA-0108-14	35/14	
2825	**Anaheim Bay Channel Light 10**	**DAYMK MISSING**	**18749**	**LA-0148-14**	**47/14**	
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
5	Point Loma Light	WATCHING PROPERLY	18773	SD-0157-14	44/14	47/14
5935	San Pablo Bay Channel Light 14	WATCHING PROPERLY	18655	SF-0172-14	46/14	47/14

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
265	**Piedras Blancas Light**	**LT EXT**	**18700**	**LA-0149-14**	**47/14**	
4426	San Francisco-Oakland Bay Bridge Racon N	RAC INOP	18650	SF-0157-14	42/14	

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
382	NOAA Environmental Lighted Buoy 46059	DISCONTINUED	18007		22/12	
500	NOAA Environmental Lighted Buoy 46022	DISCONTINUED	18620	HB-0034-14	45/14	
4080	Santa Cruz Lighted Whistle Buoy SC	Reduced Intensity	18685		46/14	
4160	San Francisco Main Ship Channel Lighted Bell Buoy 1	Reduced Intensity	18649	SF-0166-14	44/14	
4165	San Francisco Main Ship Channel Lighted Whistle Buoy 2	Reduced Intensity	18649	SF-0160-14	43/14	
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	

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		Position
(Temp)	ADD	NATIONAL DOCK CHANNEL BUOY 3		CGD01 at 40-41-09.001N 074-02-48.001W
	Green can			

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

18643 **18th Ed.** **01-DEC-09** **Last LNM: 21/12** **NAD 83** **47/14**

ChartTitle: **Bodega and Tomales Bays;Bodega Harbor**

Main Panel 1817 BODEGA AND TOMALES BAYS. Page/Side: N/A

CHANGE	tabulation - Bodega Harbor Channel http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=249812; tabulation - Bodega Harbor Channel (NOS NW-24392)	NOS	38-19-21.000N	122-59-13.000W

18649 **68th Ed.** **01-JUN-13** **Last LNM: 32/14** **NAD 83** **47/14**

ChartTitle: **Entrance to San Francisco Bay**

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

CHANGE	tabulation - RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=249814; tabulation - RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS (NOS NW-24391)	NOS	37-56-07.000N	122-15-59.000W

18652 **36th Ed.** **01-FEB-11** **Last LNM: 32/14** **NAD 83** **47/14**

ChartTitle: **San Francisco Bay to Antioch**

CHART CA - SAN FRANCISCO BAY TO ANTIOCH. Page/Side: N/A

RELOCATE	Vallejo Yacht Club Light 1	CGD11 from to	38-06-17.640N 38-06-17.100N	122-16-23.110W 122-16-03.900W
RELOCATE	Vallejo Yacht Club Light 2	CGD11 from to	38-06-17.300N 38-06-16.600N	122-16-02.880W 122-16-03.400W

Inset 1845 SAN FRANCISCO BAY TO ANTIOCH ANTIOCH. Page/Side: b

DELETE	Visible Wreck; Chart No. 1: K24 (NOS NW-24405)	NOS	38-01-09.800N	121-49-05.900W

			NOS	
ADD	Dangerous Wreck; Chart No. 1: K28 (NOS NW-24405)		38-01-09.800N	121-49-05.900W

Main Panel 1843 SAN FRANCISCO BAY TO ANTIOCH SUISUN BAY. Page/Side: a

			NOS	
DELETE	Visible Wreck; Chart No. 1: K24 (NOS NW-24405)		38-01-09.800N	121-49-05.900W
			NOS	
ADD	Dangerous Wreck; Chart No. 1: K28 (NOS NW-24405)		38-01-09.800N	121-49-05.900W

18653 **12th Ed.** **01-OCT-12** **Last LNM: 32/14** **NAD 83** **47/14**

ChartTitle: **San Francisco Bay-Angel Island to Point San Pedro**

Main Panel 1939 SAN FRANCISCO BAY ANGEL ISLAND TO POINT SAN PEDRO. Page/Side: N/A

			NOS	
CHANGE	tabulation - RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=249813; tabulation - RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS (NOS NW-24391)		37-57-23.000N	122-18-23.000W

18654 **45th Ed.** **01-JAN-11** **Last LNM: 32/14** **NAD 83** **47/14**

ChartTitle: **San Pablo Bay**

CHART CA - SAN PABLO BAY. Page/Side: N/A

			CGD11	
RELOCATE	Vallejo Yacht Club Light 1		from 38-06-17.640N	122-16-23.110W
			to 38-06-17.100N	122-16-03.900W
			CGD11	
RELOCATE	Vallejo Yacht Club Light 2		from 38-06-17.300N	122-16-02.880W
			to 38-06-16.600N	122-16-03.400W

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

			NOS	
CHANGE	tabulation - Pinole Shoal Channel http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=249887; tabulation - Pinole Shoal Channel (NOS NW-24404)		37-58-51.000N	122-14-41.000W

18655 **59th Ed.** **01-OCT-06** **Last LNM: 18/12** **NAD 83** **47/14**

ChartTitle: **Mare Island Strait**

Inset 2909 MARE ISLAND STRAIT EXTENSION. Page/Side: N/A

			CGD11	
RELOCATE	Vallejo Yacht Club Light 1		from 38-06-17.640N	122-16-23.110W
			to 38-06-17.100N	122-16-03.900W
			CGD11	
RELOCATE	Vallejo Yacht Club Light 2		from 38-06-17.300N	122-16-02.880W
			to 38-06-16.600N	122-16-03.400W

Main Panel 2914 MARE ISLAND STRAIT. Page/Side: N/A

			CGD11	
RELOCATE	Vallejo Yacht Club Light 1		from 38-06-17.640N	122-16-23.110W
			to 38-06-17.100N	122-16-03.900W
			CGD11	
RELOCATE	Vallejo Yacht Club Light 2		from 38-06-17.300N	122-16-02.880W
			to 38-06-16.600N	122-16-03.400W

18656 **56th Ed.** **01-AUG-10** **Last LNM: 21/12** **NAD 83** **47/14**

ChartTitle: **Suisun Bay**

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

			NOS	
DELETE	Visible Wreck; Chart No. 1: K24 (NOS NW-24405)		38-01-09.800N	121-49-05.900W
			NOS	
ADD	Dangerous Wreck; Chart No. 1: K28 (NOS NW-24405)		38-01-09.800N	121-49-05.900W

18659 **16th Ed.** **01-JAN-11** **Last LNM: 21/12** **NAD 83** **47/14**

ChartTitle: **SUISUN BAY-Mallard Island to Antioch**

Main Panel 1852 SUISUN BAY MALLARD ISLAND TO ANTIOCH. Page/Side: N/A

			NOS	
DELETE	Visible Wreck; Chart No. 1: K24 (NOS NW-24405)		38-01-09.800N	121-49-05.900W
			NOS	

ADD	Dangerous Wreck; Chart No. 1: K28 (NOS NW-24405)		38-01-09.800N	121-49-05.900W

18751 **46th Ed.** **01-AUG-09** **Last LNM: 21/09** **NAD 83** **47/14**

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

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

CHANGE	Inner Harbor Intake North Light Characteristic to Q W.	CGD11 at	33-45-59.065N	118-13-21.250W
CHANGE	Inner Harbor Intake South Light Characteristic to Q W.	CGD11 at	33-45-57.065N	118-13-20.250W

18762 **16th Ed.** **01-DEC-09** **Last LNM: 20/09** **NAD 83** **47/14**

ChartTitle: **San Clemente Island**

Main Panel 1913 SAN CLEMENTE ISLAND. Page/Side: N/A

DELETE	Pyramid Cove Ancorage Light (LLNR 2535)	32-49-59.460N	118-22-59.982W

18764 **10th Ed.** **01-NOV-10** **Last LNM: 16/07** **NAD 83** **47/14**

ChartTitle: **San Clemente Island Pyramid Cove and approaches**

Main Panel 1916 SAN CLEMENTE ISLAND PYRAMID COVE AND APPROACHES. Page/Side: N/A

DELETE	Pyramid Cove Ancorage Light (LLNR 2535)	32-49-59.460N	118-22-59.982W

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)

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 01 Dec 14. 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

ANAHEIM BAY-TEMPORARY BUOY

The U.S. Coast Guard is planning to establish a temporary buoy to mark the end of the damaged Anaheim Bay East Jetty during the week of 01 Dec 14. The buoy will display 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: 47/14

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

DANA POINT-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) device on Dana Point Breakwater Light 3 (LLNR 2395) during the week of 01 Dec 14. 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

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)
Port Hueneme Light (LLNR 190)

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 18724 18725 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

LOS ANGELES-LED CONVERSION

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 during the week of 15 Dec 14. 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 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 BAY-MAIN SHIP CHANNEL-LED CONVERSION

The U.S. Coast Guard is planning to change San Francisco Main Ship Channel Lighted Whistle Buoys 1 & 2 (LLNR 4165 & 4160) to LEDs 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 18645 18649 18680 LNM: 42/14

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)

ALBION RIVER-LED CONVERSION

The U.S. Coast Guard is proposing to change Albion River Lighted Whistle Buoy AR (LLNR 430) to an LED with a 4nm range. Direct any questions, comments, or feedback no later than 12 Dec 14 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18628 LNM: 45/14

BODEGA BAY-LED CONVERSION

The U.S. Coast Guard is proposing to change Bodega Harbor Approach Lighted Gong Buoy BA (LLNR 7765) to an LED with a 4nm range. Direct any questions, comments, or feedback no later than 28 Nov 14 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18640 18643 LNM: 43/14

POINT ARENA-ARENA COVE-LED CONVERSION

The U.S. Coast Guard is proposing to change Arena Cove Lighted Bell Buoy A (LLNR 415) to an LED with a 4nm range. Direct any questions, comments, or feedback no later than 12 Dec 14 to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Chart 18640 LNM: 45/14

SECTION VII - GENERAL

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

ALAMITOS BAY-MARINE EVENT

Naples Improvement Association will sponsor the Naples 68th Annual Holiday Boat Parade from 1800-2200, 13 Dec 14. The parade route is within Alamitos Bay and will involve over 100 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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: 46/14

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

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-MARINE EVENT

Channel Islands Harbor Foundation will sponsor Channel Islands Harbor Parade of Lights from 1900-2100, 13 Dec 14. The parade route is within Channel Islands Harbor and will involve over 40 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18725 LNM: 46/14

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

COLORADO RIVER-CIBOLA, AZ-BRIDGE LIGHTING

UPPER CIBOLA BRIDGE- All navigation lights have been reported extinguished or showing improper characteristics. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

LNM: 45/14

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

CRESCENT CITY HARBOR-ALBION RIVER-WATERWAY SURVEY ANNOUNCEMENT

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

DANA POINT-MARINE EVENT

Dana Point Harbor Association will sponsor the Dana Point Harbor Boat Parade of Lights from 1930-2130 on 5, 6, 12, and 13 Dec 14. The parade route is within Dana Point Harbor and will involve over 65 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18746 LNM: 45/14

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-BARRIER REMOVAL

The California Department of Water Resources will conduct the removal of four temporary in water barriers at Old River, Middle River, and Grant Line Canal during the month of November 2014. Only a small aluminum boat will be used on site for day-to-day operations. Mariners are requested to transit the area with caution. For more details or comments contact Jacob McQuirk 916-653-9883.

Chart 18661 LNM: 43/14

DELTA & RIVERS-SACRAMENTO RIVER-ROCK REPLACEMENT

Dutra will be conducting the Sacramento River Bank Protection Project in the Sacramento River at mile 26L near Walnut Grove, CA during daylight hours until 28 Nov 14. The project site is located along the south bank of the river at 38-14-18N 121-31-35W. Tugs, barges, and crane barges will be transiting between Rio Vista and the work site throughout the duration of the project, and will monitor VHF-FM Chan. 7. Mariners are requested to transit the area with caution. For more details or comments contact Todd Bruce at 707-974-9937.

Chart 18661 LNM: 40/14

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-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

LONG BEACH-ALAMITOS BAY-MARINE CONSTRUCTION

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.

Chart 18749 LNM: 43/14

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) until 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-DREDGING

Curtin Maritime Corp will conduct continuous dredging operations in the Long Beach Main Channel until 01 Mar 15. D/B 185-3; tugs BOB, TAURUS, and SARAH C; along with survey boay MEAGAN C will monitor VHF-FM Chan. 13, 16, and 68. Mariners are requested to transit the area with caution 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 18749 LNM: 42/14

LONG BEACH-HUNTINGTON HARBOUR-MARINE EVENT

Huntington Harbour Philharmonic Committee will sponsor the 52nd Annual Huntington Harbour Boat Parade from 1630-2100, 13-14 Dec 14. The parade route is within Huntington Harbour and will involve over 60 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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: 46/14

LONG BEACH-MARINE CONSTRUCTION

John S. Meek Company will conduct dock installation and pile driving operations at Long Beach Dock 10 between Shorline Village Drive and Parkers Lighthouse until 15 Dec 14. Dock floats will be transported across Queensway Bay from South Shore Launch Ramp. A Flexifloat barge will be on site at Dock 10, and two skiff boats will haul concrete dock sections across Queensway Bay. All participating vessels and equipment will monitor VHF-FM channel 16. Mariners are requested to transit the area with caution. For more details or comments contact Jeremiah Jilk at 310-505-7515.

Chart 18749 LNM: 45/14

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-MARINE EVENT

Shoreline Yacht Club of Long Beach will sponsor the Shoreline Yacht Club Christmas Boat Parade from 1730-1900, 13 Dec 14. The parade route is within Shoreline Marina, Rainbow Harbor, and Queensway Bay and will involve over 20 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18749 18751 LNM: 46/14

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

LONG BEACH-MIDDLE HARBOR-DEMOLITION

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-BREAKWATER PROJECT

Connolly Pacific Co. will conduct emergency repairs to the San Pedro Breakwater surrounding Los Angeles Light (LLNR 135) in the Port of Los Angeles until 06 Dec 14. Derrick barge LONG BEACH will install armor stone around the perimeter of the light house. Anchors will not be placed in the main channel. D/B LONG BEACH and tug DURANGO will monitor VHF-FM Chan. 13, 73, 74, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Luis Camacho at 562-577-0718.

Chart 18751 LNM: 46/14

LOS ANGELES-LOS ANGELES RIVER ESTUARY-DREDGING

Curtin Maritime Corp will conduct dredging operations in the Los Angeles River Estuary until 28 Feb 15. D/B SALTA VERDE; 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

LOS ANGELES-MARINE EVENT

Pacific Unicom, LA Port Police, and Council District 15 will sponsor the Los Angeles Harbor Afloat Parade from 1800-2130, 06 Dec 14. The parade route is within the Cerritos Channel, East Basin, Main Channel, and West Channel and will involve over 50 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. Mariners are requested to transit the area with caution. For more details or comments contact Sector LA/LB Waterways Management at 310-521-3860.

Charts: 18749 18751 LNM: 46/14

LOWER COLORADO RIVER-PARKER, AZ-MARINE EVENT

Southern California Speedboat Club will sponsor the 68th Annual Thanksgiving Regatta powerboat race from 0600-1800 daily, 27-30 Nov 14. The event will consist of approximately 80 speedboats racing in a closed course circuit in front of the Blue Water Resort and Casino. Mariners are requested to transit the area with caution. For more details or comments contact Ross Wallach at 310-318-4012.

LNM: 46/14

MARINA DEL REY-MARINE EVENT

Marina del Rey Tournament of Lights, Inc. will sponsor the Marina del Rey Holiday Boat Parade from 1755-2000, 13 Dec 14. A fireworks show will take place at 1755. The parade route is within Marina del Rey Harbor and will involve over 80 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18744 LNM: 46/14

MONTEREY BAY-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a high resolution (low power) bathymetric survey of a 2km square area off of Santa Cruz, CA in the vicinity of 36-56-00N 122-00-00W during daylight hours from 08-19 Dec 14. The 63ft aluminum USGS research vessel PARKE SNAVELY along with a 36ft aliminum catamaran will be on site monitoring VHF-FM Chan. 13 and 16. For more details or comments contact George Tate at 831-460-7484.

Chart 18685 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

MORRO BAY-MARINE EVENT

Rotary Club of Morro Bay will sponsor the Morro Bay Lighted Boat Parade from 1800-2100, 06 Dec 14. If the event is delayed due to inclement weather, the secondary date is 13 Dec 14. The parade route is within Morro Bay Harbor and will involve over 30 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18703 LNM: 46/14

NEWPORT HARBOR-MARINE EVENT

Newport Beach Chamber of Commerce will sponsor the 106th Annual Newport Harbor Christmas Boat Parade from 1800-2100 daily, 17-21 Dec 14. A fireworks show will be launched from Newport Pier on 17 Dec at 1815 and from Balboa Pier on 21 Dec at 2100. The parade route is within Newport Harbor and will involve over 100 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18754 LNM: 46/14

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 04 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

PORT SAN LUIS-MARINE EVENT

Patrons of Port San Luis will sponsor the Port San Luis Christmas Boat Parade from 1800-2000, 13 Dec 14. The parade route is within San Luis Obispo Bay near Harford Pier and will involve over 20 vessels. 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 18704 LNM: 46/14

REDONDO BEACH-KING HARBOR-MARINE EVENT

King Harbor Yacht Club and King Harbor Boating Foundation will sponsor the King Harbor Holiday Boat Parade from 1830-2000, 13 Dec 14. The parade route is within King Harbor and will involve over 50 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18744 LNM: 46/14

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 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 TO SANTA BARBARA-DGPS TESTING

DGPS testing will be conducted in the vicinity of Tonopah, NV with an approximate center point of 35-19-34N 115-42-48W, with a possible impact radius of 206nm from center point. Testing will take place on the following dates/times:

06 Dec 14 1830Z-2230Z
08-10 Dec 14 0400Z-0800Z

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

Chart 18022

SAN DIEGO TO SANTA BARBARA-DGPS TESTING

LNM: 45/14

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-DREDGING

Manson Construction Co. will be conducting continuous dredging at San Diego Bay Naval Base Point Loma, as part of the fuel pier replacement project from 03-04 Dec 14. Dredged material will be disposed of behind the south side of the existing fuel pier at 32-42-01N 117 14-14W. Derrick barge DB VALHALLA, scow SOUTHPORT, and tug JEFFEREY M will be on site monitoring VHF-FM Chan. 13 and 16. For more details or comments contact Kelly Williams at 510-773-7476.

Chart 18773

LNM: 47/14

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 31 Dec 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: 47/14

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

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

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-MARINE EVENT

San Diego Yacht Club will sponsor a sailing event from 1100-1700, 06 Dec 14. The event will consist of 120 sailing vessels, racing in San Diego Bay. The race course will begin in the vicinity of San Diego Channel Buoy 17, continue outbound through Coronado Roads, and return to San Diego Channel Buoy 17. The course crosses the channel in numerous different locations throughout the race. Mariners are requested to transit the area with caution and share the waterway with event participants. For more details or comments contact the event sponsor Jeff Johnson at 619-758-6310.

Chart 18773

LNM: 44/14

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

SAN DIEGO-MISSION BAY-WATERWAY SURVEY ANNOUNCEMENT

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 will be deploying a lighted research buoy at 32-52-00N 117-28-00W, approximately 10nm west of Point La Jolla. The buoy will be 12ft tall, painted yellow, and will show a Fl Y 4s characteristic. It will be deployed on 02 Dec 14 and should 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 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-ANCHORAGE

Kokosing Construction Company will be anchored in South San Francisco Bay near Pier 30/32 between 37-47-31N 122-23-20W and 37-45-05N 122-22-25W from 01-22 Dec 14. During the anchorage, rocks and debris will be removed for future cable installations. Mariners are advised to transit the area with caution. For more details or comments contact Mr. Tim Paquette at 231-420-4635.

Chart 18664 LNM: 47/14

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-CARQUINEZ STRAIT-SAFETY ZONE

Manson Construction will conduct cable repairs in Carquinez Strait near the Benicia Railroad Bridge until 05 Dec 14 in an area bound by the following coordinates:

38-2-26N 122-7-41W
38-2-13N 122-7-34W
38-2-07N 122-7-48W
38-2-15N 122-8-03W

Anchors will be placed at each of these points and a barge will be moored to all four anchors to move up and down the cable for repairs. The M/V FATCAT and PROWLER will monitor VHF-FM Chan. 13, 14, and 16. This area is closed to all vessel traffic not permitted by the Captain of the Port. Mariners are requested to transit the area with caution and at no wake speed. For more details or comments contact Brian Oliver at 707-454-6957.

Chart 18656 LNM: 43/14

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. from 01-30 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-DREDGING

Salt River Construction will conduct dredging operations in the Paradise Cay Homeowners Channel at 37-54-54N 122-28-33W until 30 Nov 14. The dredge/dump barge DB1 BARBARA ANN, along with tugs IRENE LAURITZEN and THE BOB will monitor VHF-FM Chan. 13, 14, and 77. There will be a silt curtain in place from the edge of the South Entrance Channel extending 500ft south perpendicular to the shoreline from 37-54-29.3N 122-28-23.1W. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653 LNM: 38/14

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

SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE

LNM: 17/14

SAN FRANCISCO BAY-MARINE CONSTRUCTION

Vortex Marine Construction Inc. will conduct marine construction and diving operations in support of PG&E's Embarcadero – Potrero 230kV Transmission Line Project in San Francisco Bay until 30 Nov 14. Construction work will take place up to 12 hours per day, 6 days per week simultaneously at two sites along the San Francisco Bay shoreline; 1) just northeast of Piers 30-32, and (2) just east of the easternmost termination of 23rd Street near the Potrero Power Plant. Vortex's derrick barges VENGEANCE and VANTAGE, along with tug's LARIAT and LAGUNA will be spudded down on site engaged in dredging, drilling, and installation of HDPE pipeline conduits. All participating vessels and equipment will monitor VHF-FM Chan. 13 and 14. Mariners are requested to transit the area with caution and minimize wake while transitting near the construction site. For more details or comments contact Project Manager Jeff Powell at 510-261-2400.

Chart 18649

LNM: 34/14

SAN FRANCISCO BAY-MARINE EVENT

South End Rowing Club will sponsor a swimming event in San Francisco Bay from 0800-0900, 27 Nov 14. Approximately 60 participants will swim from Alcatraz to Aquatic Park with 21 safety vessels. Mariners are requested to transit the area with caution. For more details or comments contact MST1 J. Clark at 415-399-7440 or Jeff Everett at 510-387-4291.

Chart 18649

LNM: 46/14

SAN FRANCISCO 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 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 SFDODS 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-REDWOOD CITY HARBOR-DREDGING

R.E. Staite Engineering Inc. will conduct continuous dredging operations in Redwood City Harbor Channel at 37-32-12N 122-11-24W until 30 Nov 14. Tugs KATHA C and POINT VICENTE; derrick barges D/B PALOMAR 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 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 18651

LNM: 41/14

SAN FRANCISCO BAY-REDWOOD CITY-DREDGING

Dutra will conduct continuous dredging operations in the Port of Redwood City F-Dock area at 37-30-15N 122-12-50W until 30 Nov 14. Tug TROJAN, derrick barge DB 24, along with two split hull scows will be on site monitoring VHF-FM Chan. 13, 14, 16, and 80. Dredged material will be disposed of at the SF-DODS 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 Oriana Duranczyk at 415-257-8662.

Chart 18651

LNM: 43/14

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 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 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

SAN FRANCISCO BAY-RICHMOND INNER HARBOR-DREDGING

dredge site. For more details or comments contact Project Manager Chad Carpenter at 619-520-5350.

Chart 18649 LNM: 41/14

SAN FRANCISCO BAY-RICHMOND INNER HARBOR-DREDGING

Dutra will conduct continuous dredging operations at the Richmond Inner Harbor Phillips 66 terminal at 37-54-06N 122-18-04W until 30 Nov 14. Tugs TROJAN and SARA REED; clamshell barge DB BEAVER; along with two hopper scows will be on site monitoring VHF-FM Chan. 13, 14, 16, and 80. Dredged material will be disposed of at the Montezuma Wetland Restoration disposal site in Suisun Bay at 38-04-23N 121-51-21.54W. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dredge site. For more details or comments contact Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 43/14

SAN FRANCISCO BAY-SAN RAFAEL CANAL-DREDGING

Salt River Construction Corporation will conduct dredging operations in the San Rafael Canal until 30 Nov 14 at the following locations:

Marin Yacht Club at 37-58-15N 122-29-58W

Corinthian Yacht Club at 37-52-18N 122-27-23W

Marina Vista Improvement Club at 37-58-16N 122-29-43W

The self contained dredge/dump barges no. 1, 2, & 4; along with tugs IRENE LAURITZEN and HAYDEN BAY will be on site monitoring VHF-FM Chan. 13, 14, & 78. Mariners are requested to transit the area with caution.

Chart 18652 LNM: 45/14

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-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-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 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

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

LNM: 39/14

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 BARBARA-MARINE EVENT

City of Santa Barbara Waterfront Department will sponsor the Santa Barbara Parade of Lights from 1700-2000, 14 Dec 14. A fireworks show will be launched from West Beach to conclude the parade. The parade route is within a 3nm radius of the entrance to Santa Barbara Harbor off of East Beach and will involve over 40 vessels. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18725

LNM: 46/14

VENTURA HARBOR-MARINE EVENT

Ventura Port District will sponsor the Ventura Harbor Parade of Lights from 1830-2000, 12-13 Dec 14. The parade route is within Ventura Harbor and will involve over 30 vessels. A fireworks show will conclude the parade at 2000. The special local regulation pursuant to 33 CFR 100.1104 will be enforced during the parade. Enforcement of this regulation will be advertised via Broadcast Notice to Mariners. 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 18725

LNM: 46/14

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	
2535	PYRAMID COVE ANCHORAGE LIGHT						Remove from list. *	47/14
3085	INNER HARBOR INTAKE SOUTH LIGHT	33-45-57.065N 118-13-20.250W	Q W	7		On deck of pier.	Private Aid.	47/14
3090	INNER HARBOR INTAKE NORTH LIGHT	33-45-59.065N 118-13-21.250W	* Q W	7		On deck of pier.	Private Aid.	47/14
6110	VALLEJO YACHT CLUB LIGHT 1	38-06-17.100N 122-16-03.900W	* Fl G 4s	5		Pile.	Private Aid.	47/14
6115	VALLEJO YACHT CLUB LIGHT 2	* 38-06-16.600N 122-16-03.400W	Fl R 4s	5		Pile.	Private Aid.	47/14
7607	WEST SACRAMENTO CEMEX DOCK LIGHT A	*					Remove from list. *	47/14

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
7607.1	WEST SACRAMENTO CEMEX DOCK LIGHT B						Remove from list. *	47/14
7607.2	WEST SACRAMENTO CEMEX DOCK LIGHT C						Remove from list. *	47/14

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

CHANGE TO USCG NAV RULES

NAVRULESCorrectionsLNM.pdf
See link above.

LNM: 46/14

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 _____

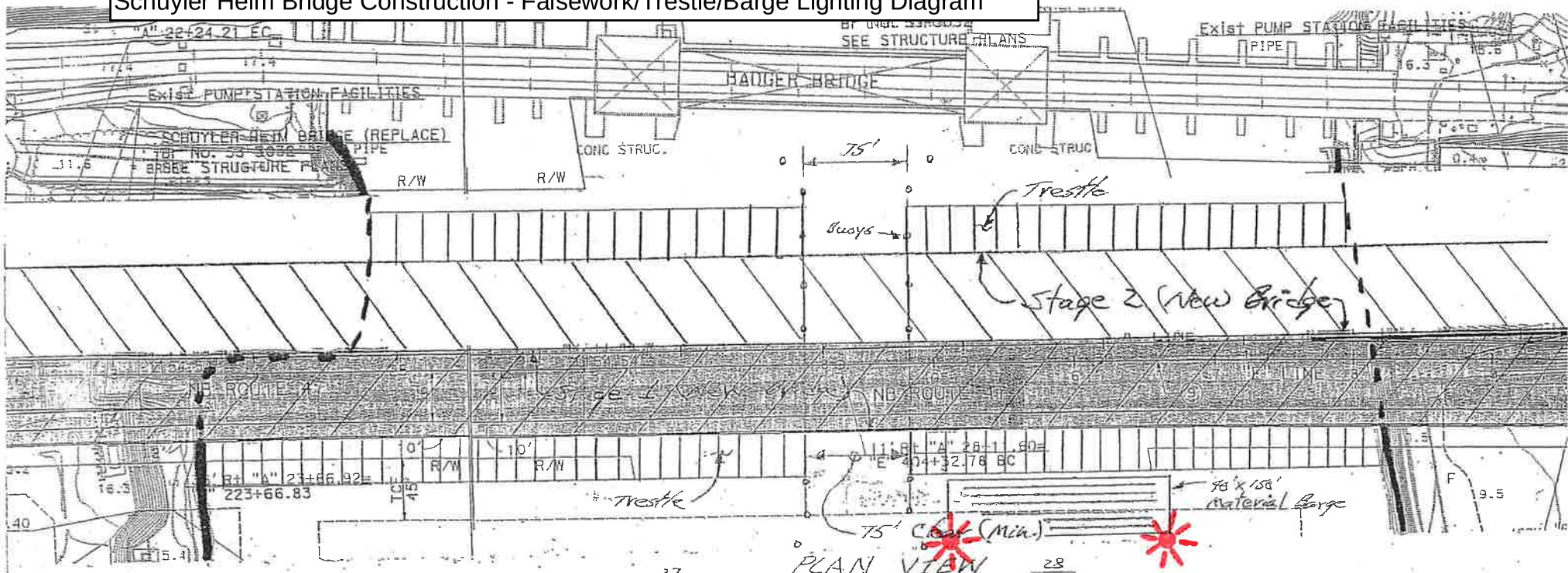
Telephone _____

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

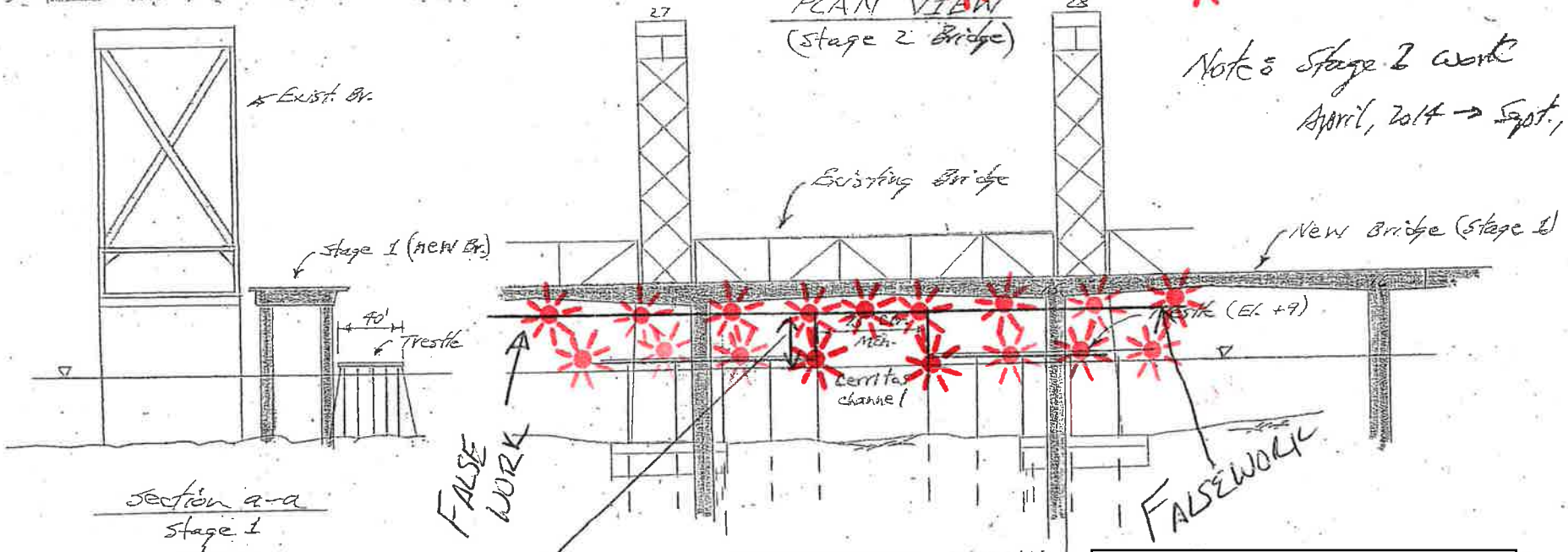
Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11

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

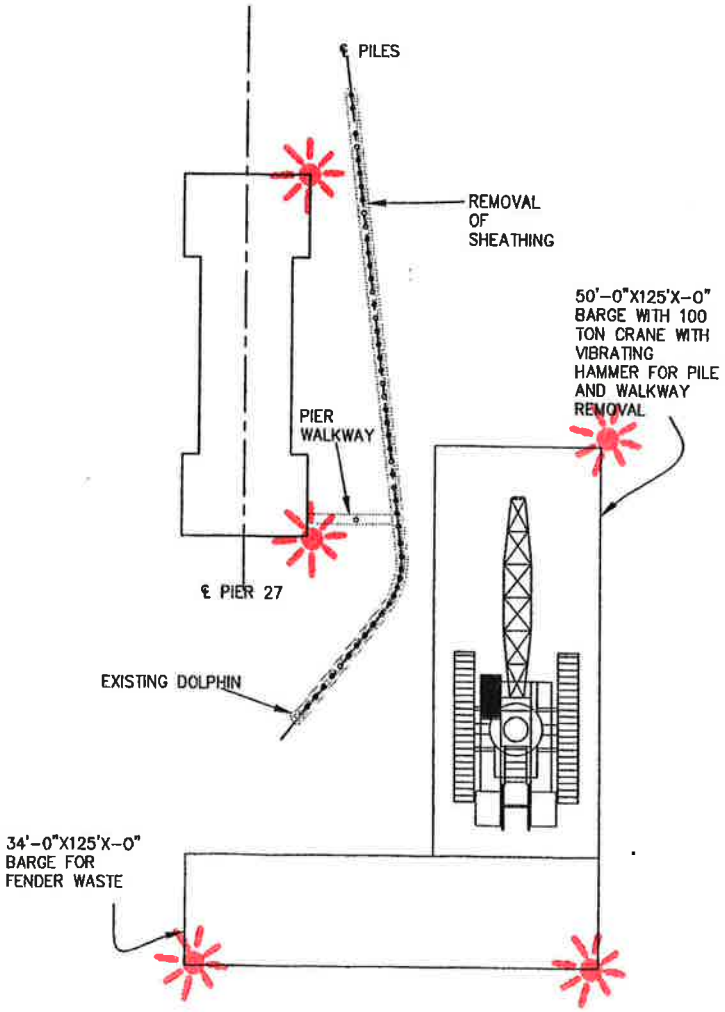
43' VERTICAL CLEARANCE
@ MEAN HIGH WATER

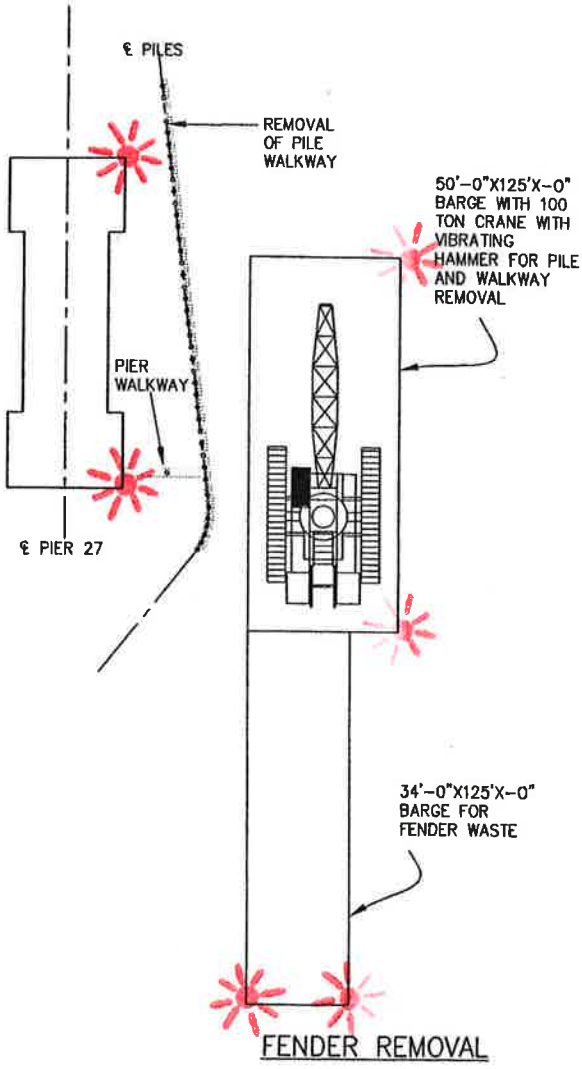
Each outboard corner of the moored barge shall be lighted at night with steady burning all round red lights.

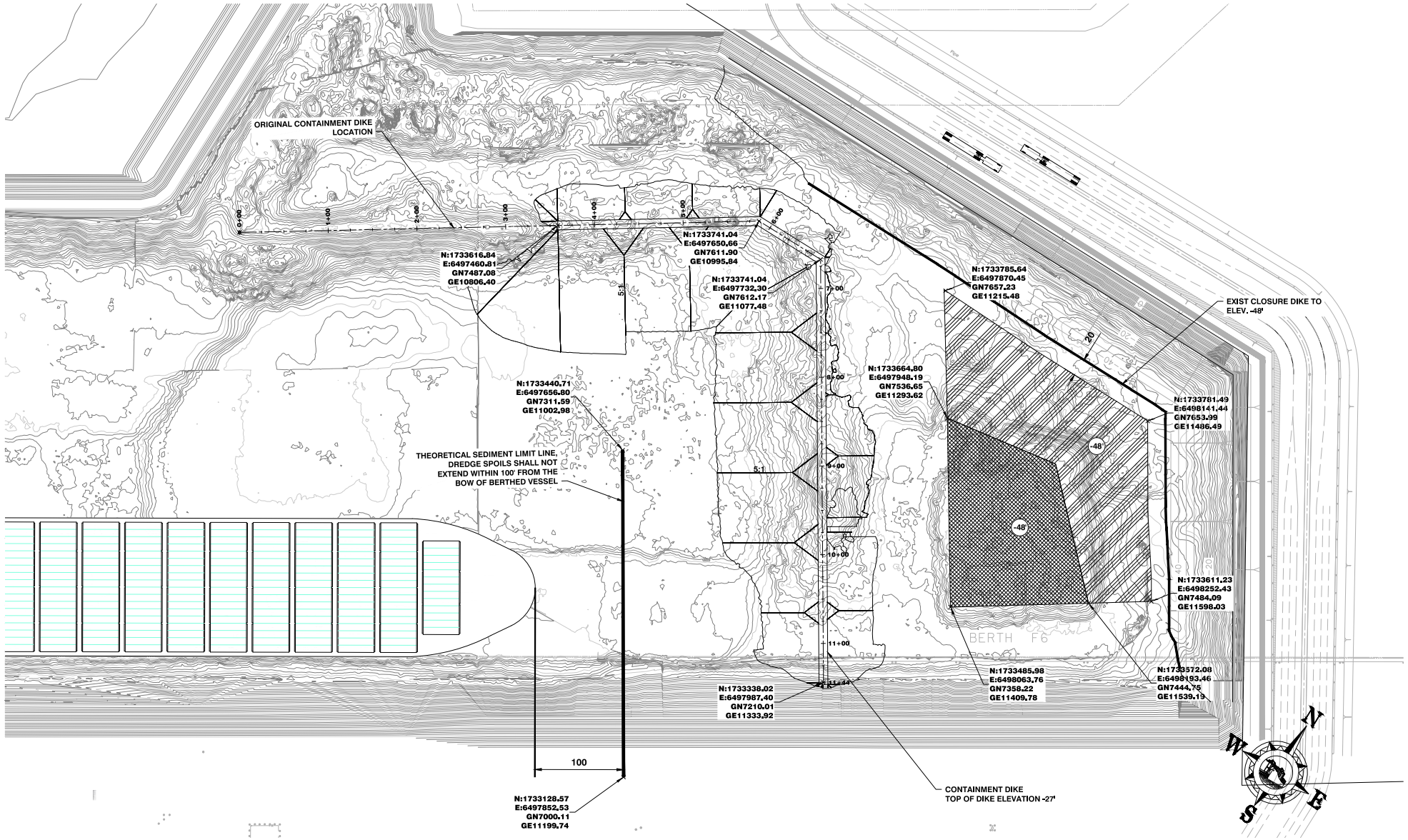
The upstream and downstream sides of the trestle and falsework shall be lighted, at night, with steady burning all round red lights, spaced 25 feet apart.

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)-427-0041

SEP 23, 2014

PIER E TERMINAL REDEVELOPMENT
SLIP NO. 1 FILL

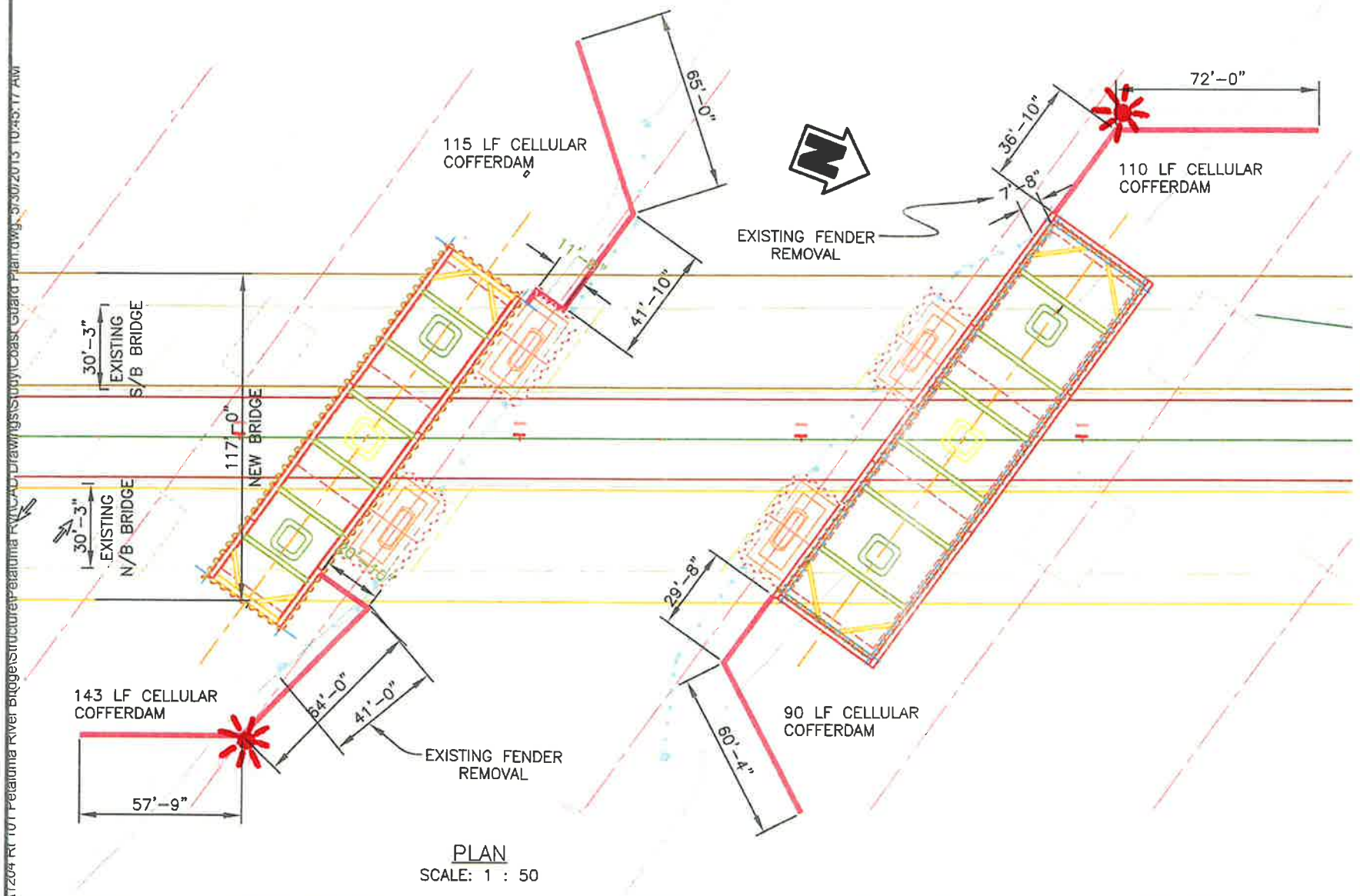
D28 CONTAINMENT AREA FOR
EAST BASIN BORROW SITE
AND
DISPOSAL AREA

FIG 1 of 1

P:\5469-01 Pier E Terminal Redevelopment\7 Design Information\CADD\D28 Oil Material\52376 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.



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

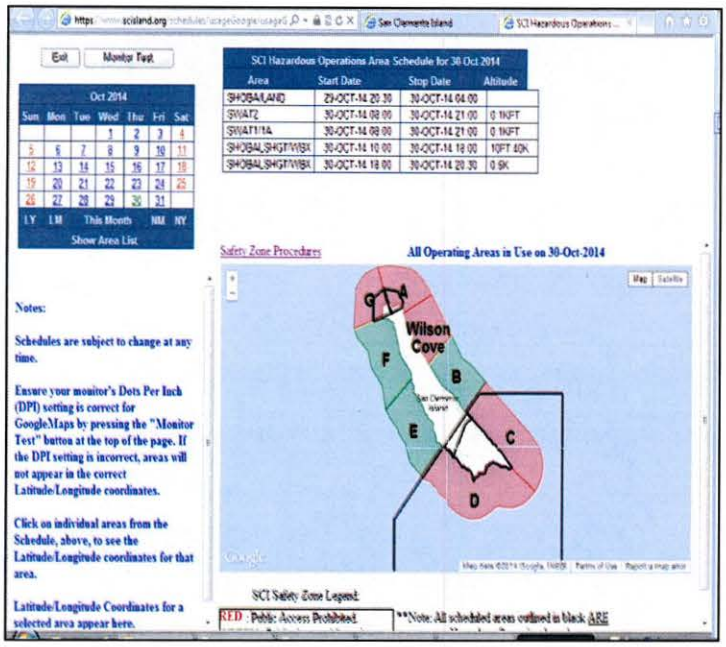
ENCLOSURE ( )

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/

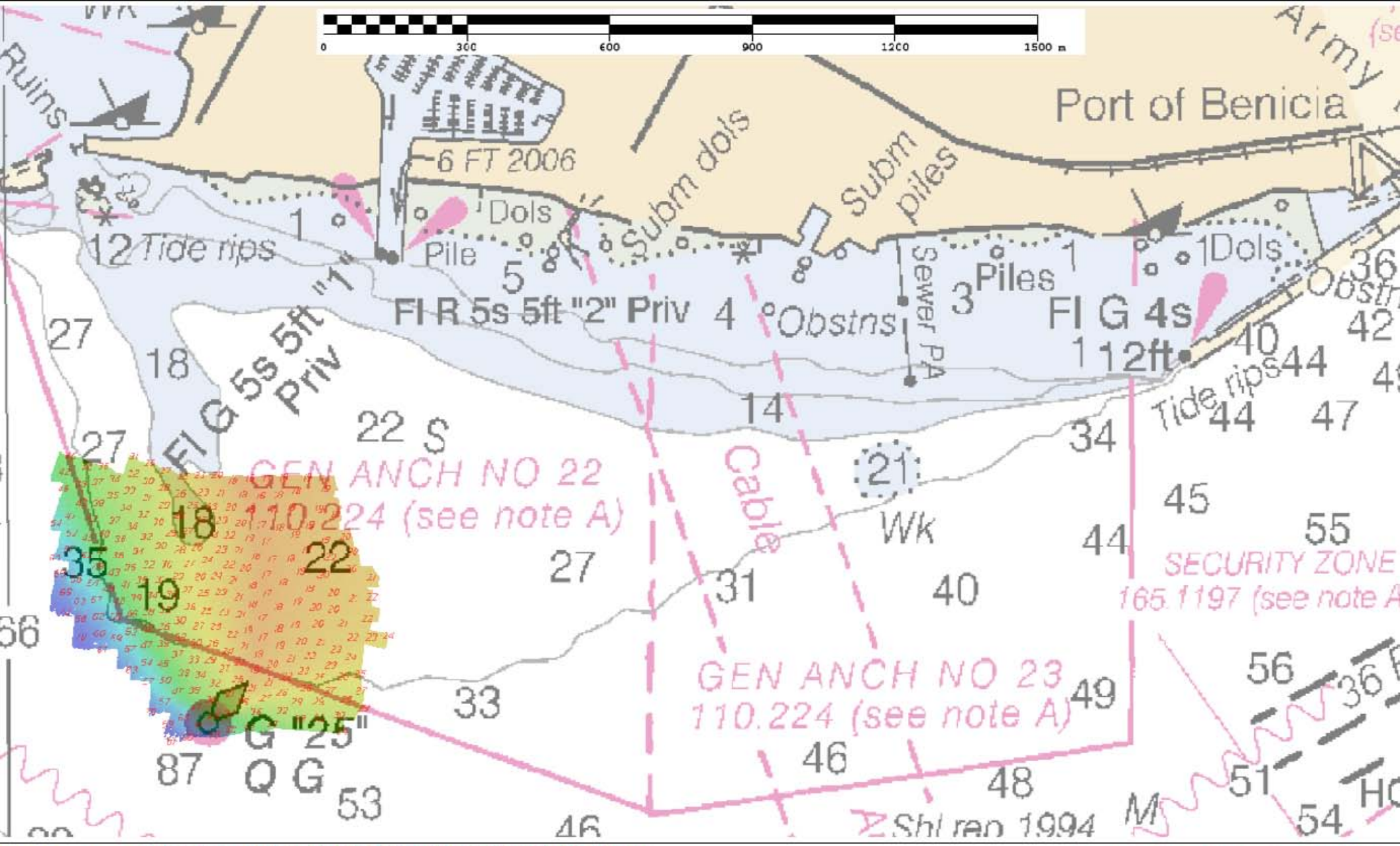
Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

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

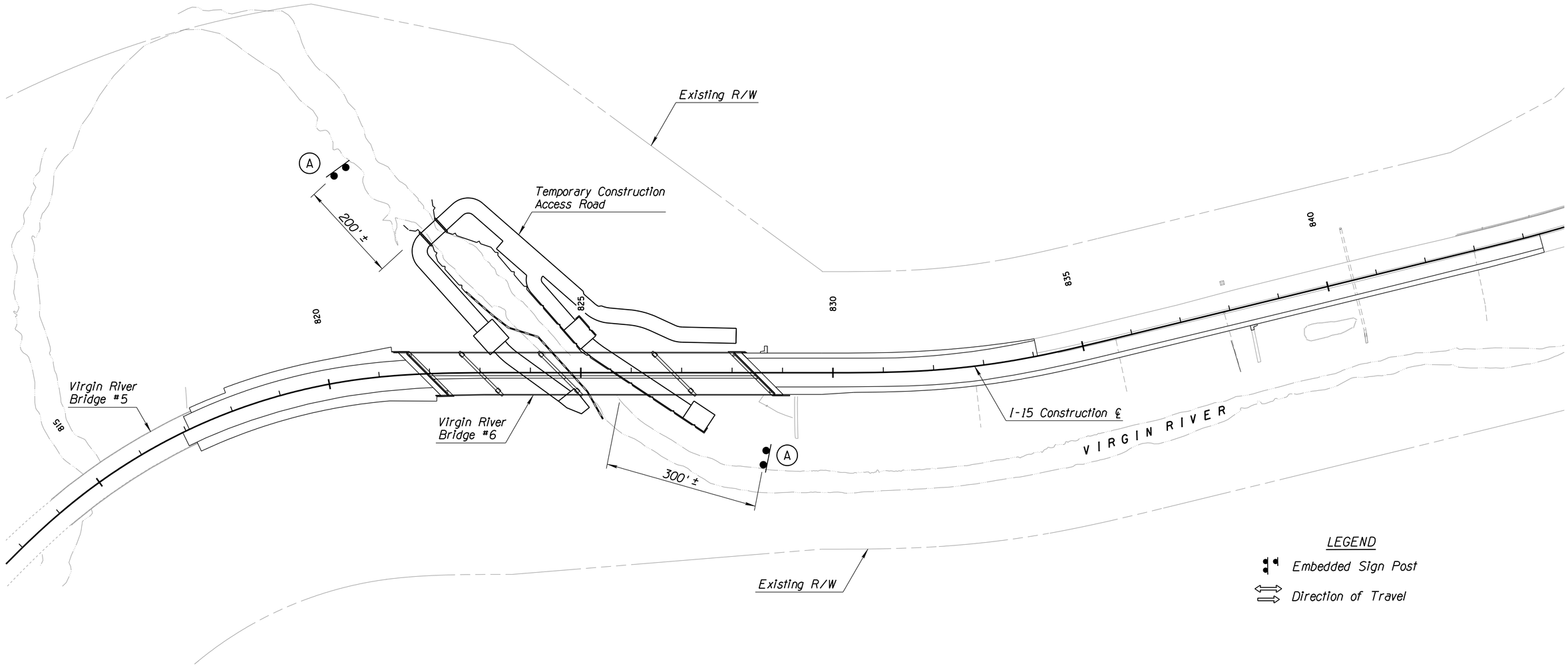
Project: Response
Survey: Port of Benicia
State: California
Locality: San Francisco Bay
Sub-locality: Benicia
Survey Scale: 1:10,000

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,

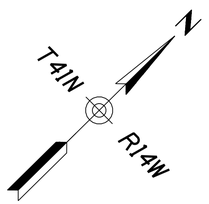
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	015-A(208)S	59	143	
		015 MO 015			

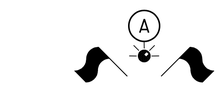


LEGEND

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

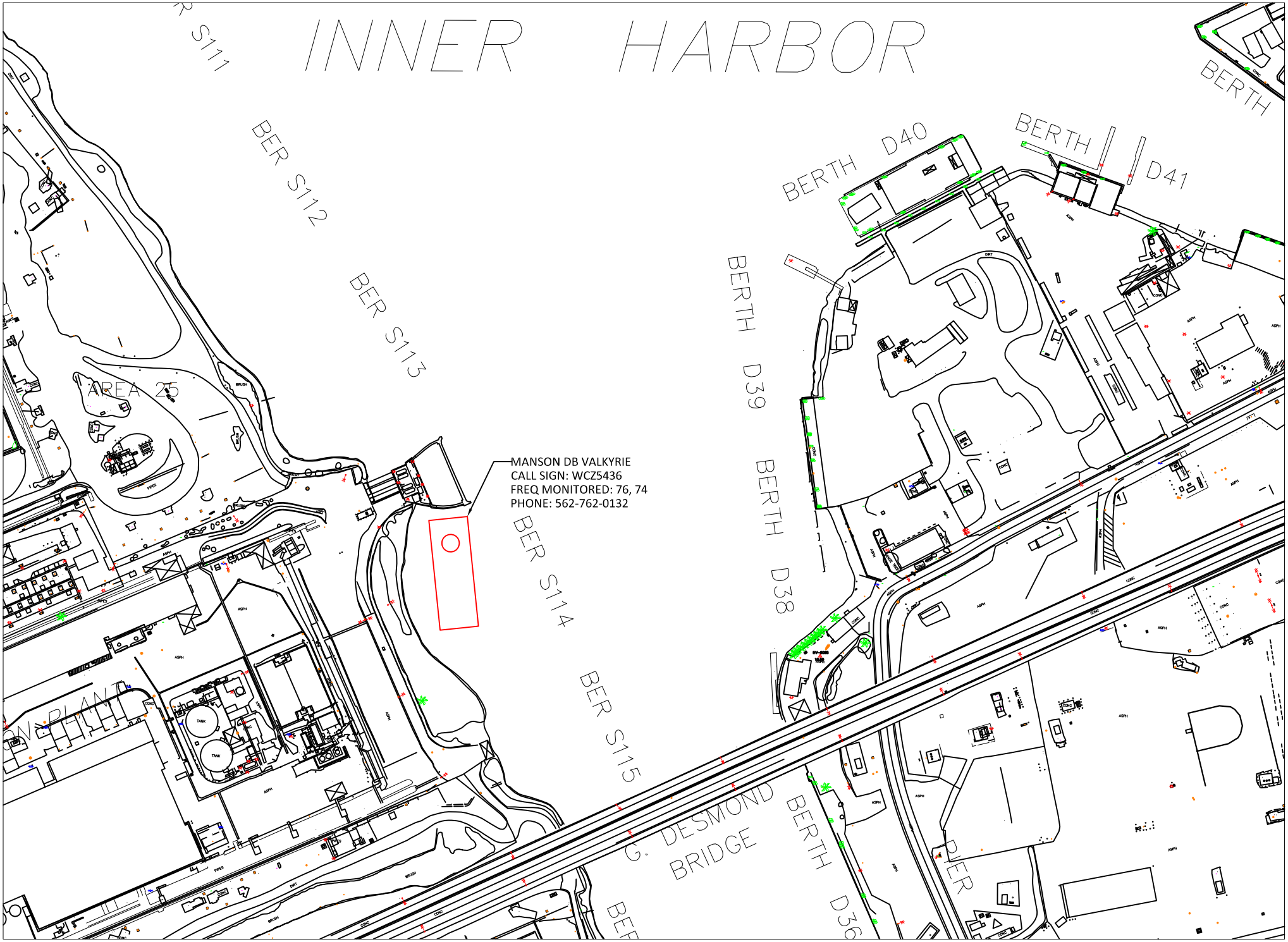
Registered Professional Engineer
CERTIFICATE
25339
BERWYN S. WILBRINK
Date Signed 06 JAN 14
ARIZONA, U.S.A.
Expires 12/31/2016

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

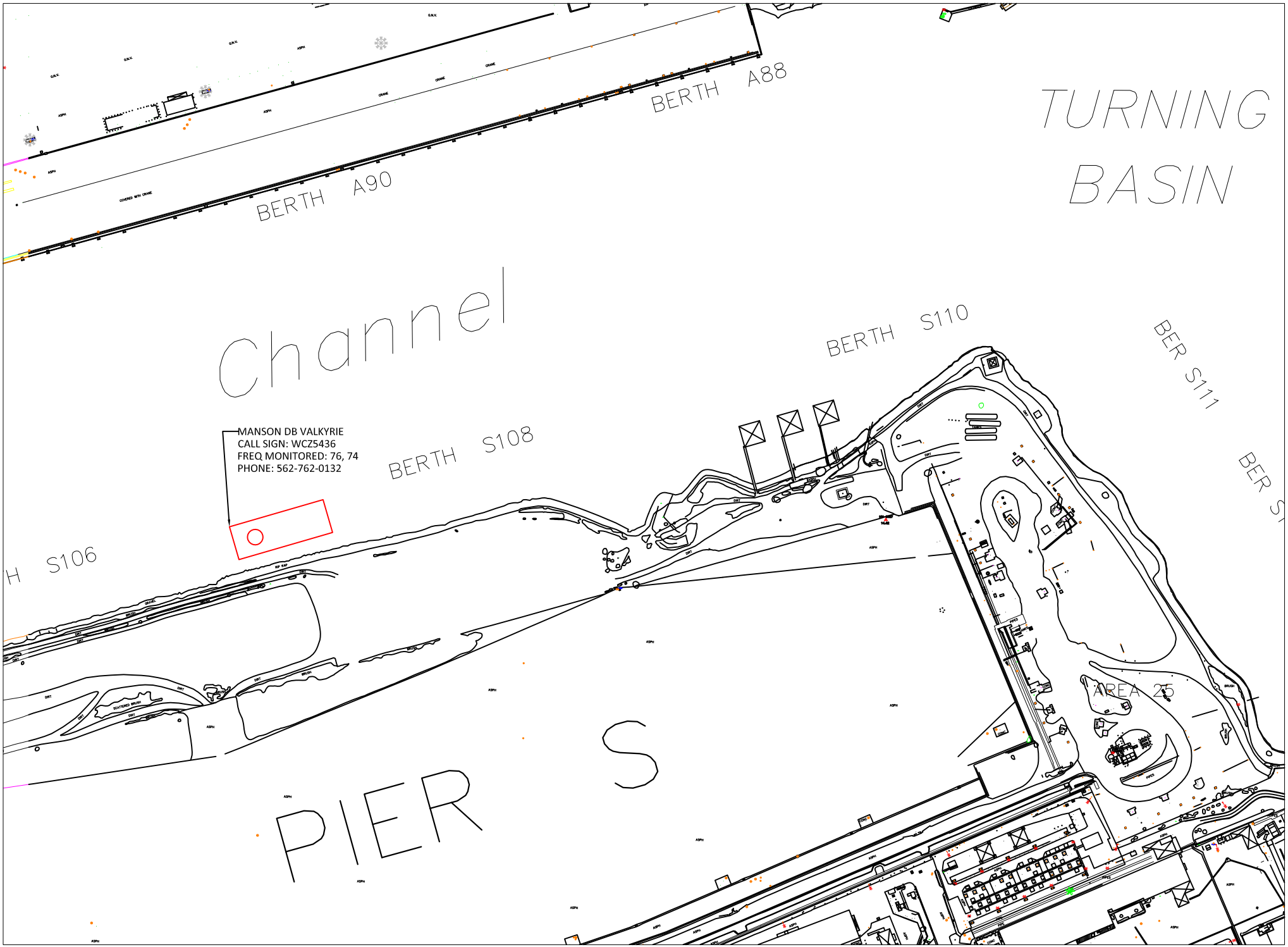
TRACS NO. H8574 01C | 015-A(208)S | ___ OF ___

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

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



ATTACHMENT 1



ATTACHMENT 2

Page 6 – International Rule 3(h) line 1, revise to read:
(h) The term *vessel constrained by her draft* means a power-driven vessel which, …
(USCG) 46/14

Page 30 – International Rule 19(e) lines 5-6, revise to read:
shall if necessary take all her way off and in any event navigate with extreme caution until danger of collision is over.
(USCG) 46/14

Page 41 – Inland Rule 23(c) line 3, revise to read:
all-round flashing red light.
(USCG) 46/14

Page 50 – International Rule 24(d) line 1, revise to read:
(d) A power-driven vessel to which paragraph (a) or (c) of this Rule applies shall also ...
(USCG) 46/14

Page 55 – Inland Rule 24(f)(iii) line 1, revise to read:
(iii) When vessels are towed alongside on both sides of the towing vessel, a ...
(USCG) 46/14

Page 95 – Inland Rule 30(l) line 2, revise to read:
requirements of this Rule. These areas are as follows:
(USCG) 46/14

Page 119 – **§84.13**, line 2, revise to read:
(a) The chromaticity of all navigation lights shall conform to the following standards, …
(USCG) 46/14

Page 124 – Annex I, Section 13, line 2, revise to read:
between foremast and mainmast light of 4.5 meters required by paragraph 2(a)(ii) …
(USCG) 46/14

Page 129 – **§86.01** (c) *Sound signal intensity and range of audibility.*, lines 4-5, revise to read:
1/3rd-octave band within the range of frequencies 180–700 Hz (+/– 1%) for a vessel of 20 meters or more in length, or 180–2100 Hz (+/– 1%) for a vessel of less than 20 meters in length, of not less than the appropriate figure given in Table 86.01(c) of ...
(USCG) 46/14

Page 133 – **§86.02** (b), line 3, revise to read:
than 300 mm for vessels of 20 meters or more in length. Where practicable, a …
(USCG) 46/14

Page 145 – Title, line 2, revise to read:
WATERS UPON WHICH CERTAIN RULES APPLY
(USCG) 46/14

Page 161 – **§2307** (a), line 2, revise to read:
(a) COAST GUARD VESSEL TRAFFIC SERVICE PILOTS – Any pilot, acting in the course and scope of his or her duties while at a United...
(USCG) 46/14

Page 161 – **§2307,** insert paragraph (b):
(b) NON-FEDERAL VESSEL TRAFFIC SERVICE OPERATORS. – An entity operating a non-Federal vessel traffic information service or advisory service pursuant

to a duly executed written agreement with the Coast Guard, and any pilot acting on behalf of such entity, is not liable for damages caused by or related to information, advice, or communication assistance provided by such entity or pilot while so operating or acting unless the acts or omissions of such entity or pilot constitute gross negligence or willful misconduct.
(USCG) 46/14

Page 162 – Table of contents, insert, 26.05 Use of radiotelephone.
(USCG) 46/14

Page 188 – Table 161.12(c), revise Port Arthur to read:

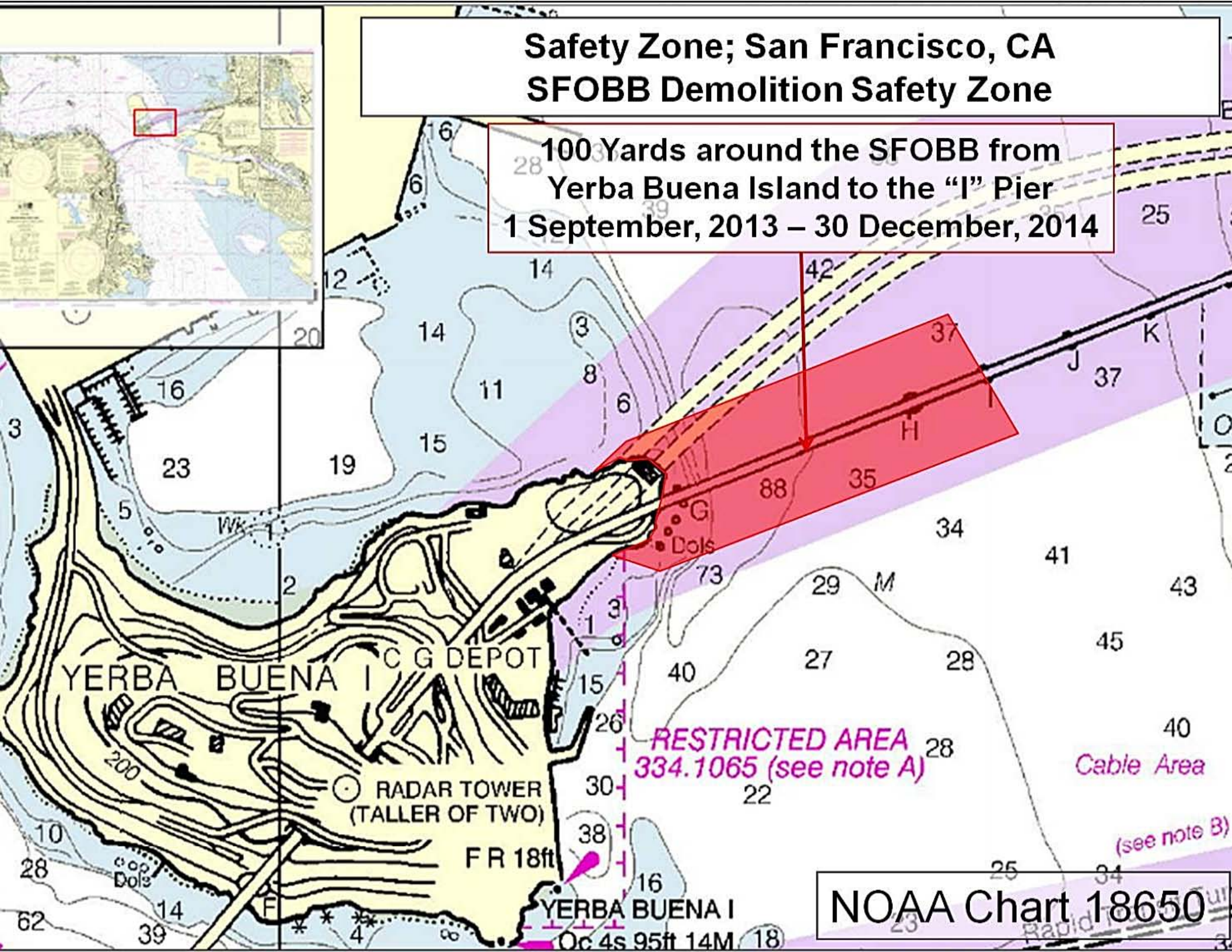
Port Arthur		
—003669955		
Port Arthur Traffic	156.050 MHz (Ch. 01A)	The navigable waters of the Sabine-Neches Canal south of 29°52.70' N.; Port Arthur Canal; Sabine Pass Channel; Sabine Bank Channel; Sabine Outer Bar Channel; the offshore safety fairway; and the ICW from High Island to its intersection with the Sabine-Neches Canal.
Port Arthur Traffic	156.275 MHz (Ch 65A)	The navigable waters of the Neches River; Sabine River; and Sabine-Neches Waterway north of 29°52.70' N.; and the ICW from its intersection with the Sabine River to MM 260.
Port Arthur Traffic	156.675 MHz (Ch 73)[6]	The navigable waters of the Calcasieu Channel; Calcasieu River Channel; and the ICW from MM 260 to MM 191.

(USCG) 46/14

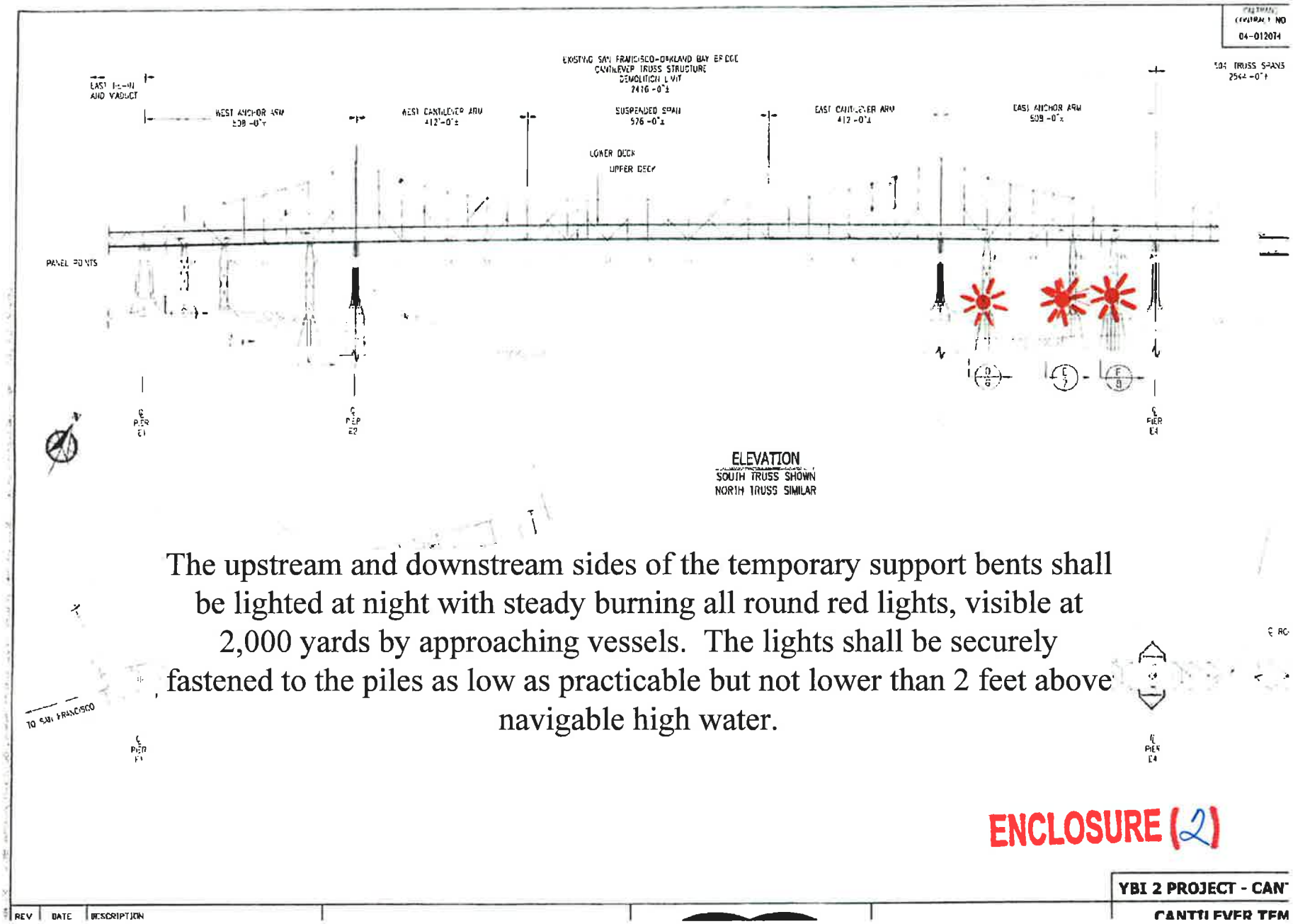
Page 189 – Table 161.12(c), footnote 6, revise to read:

[6]Until otherwise directed, full VTS services will not be available in the Calcasieu Channel, Calcasieu River Channel, and the ICW from MM 260 to MM 191. Vessels may contact Port Arthur Traffic on the designated VTS frequency to request advisories, but are not required to monitor the VTS frequency in this sector.

(USCG) 46/14


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

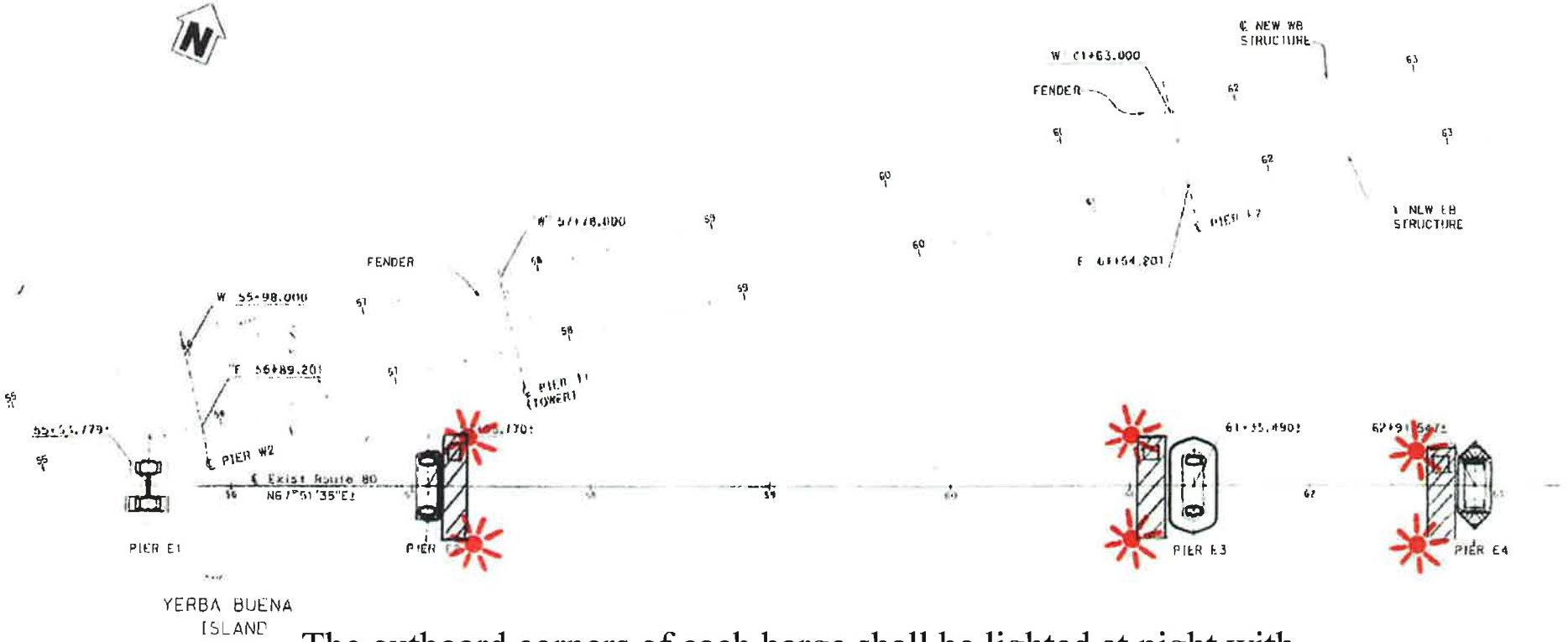
Lighting Diagram - Temporary Support Bents
Eastern Span San Francisco Oakland Bay Bridge
Mile 8.9, San Francisco Bay



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

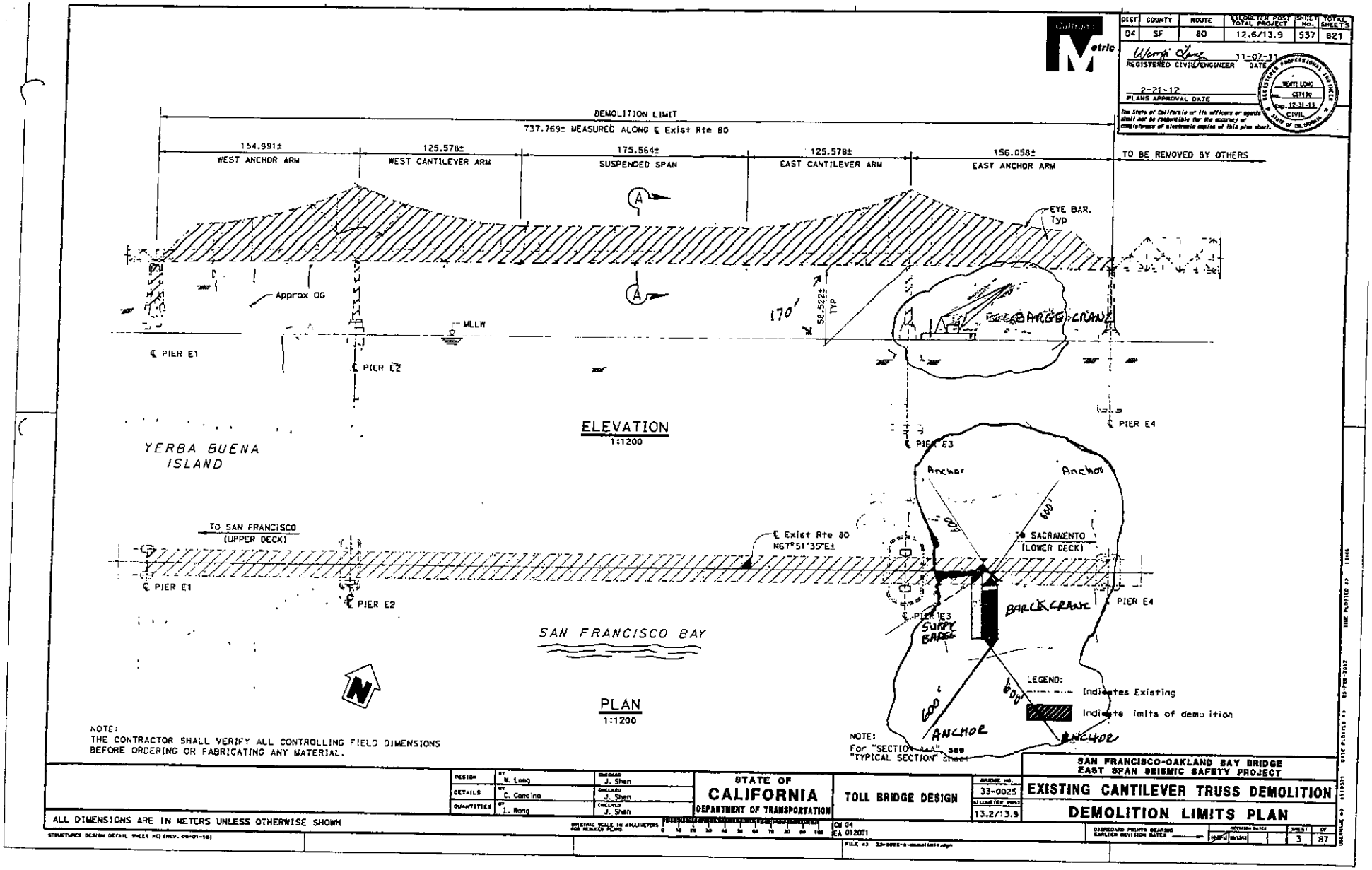
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TOLL BRIDGE DESIGN

33-0025
13.2/13.9

SAN FRANCISCO-OAKLAND
EAST SPAN SEISMIC SAFET

EXISTING CANTILEVER TRU
FOUNDATION

San Francisco Oakland Bay Bridge Eastern Span Dismantling Barge Mooring Diagram



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

REGISTERED CIVIL ENGINEER — DATE 11-07-11

PLANS APPROVAL DATE 2-21-12

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.

DESIGN	BY W. Leng	CHECKED J. Shen	
DETAILS	BY C. Cancino	CHECKED J. Shen	
QUANTITIES	BY L. Wong	CHECKED J. Shen	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TOLL BRIDGE DESIGN

BRIDGE NO. 33-0025
KILOMETER POST 13.2/13.9

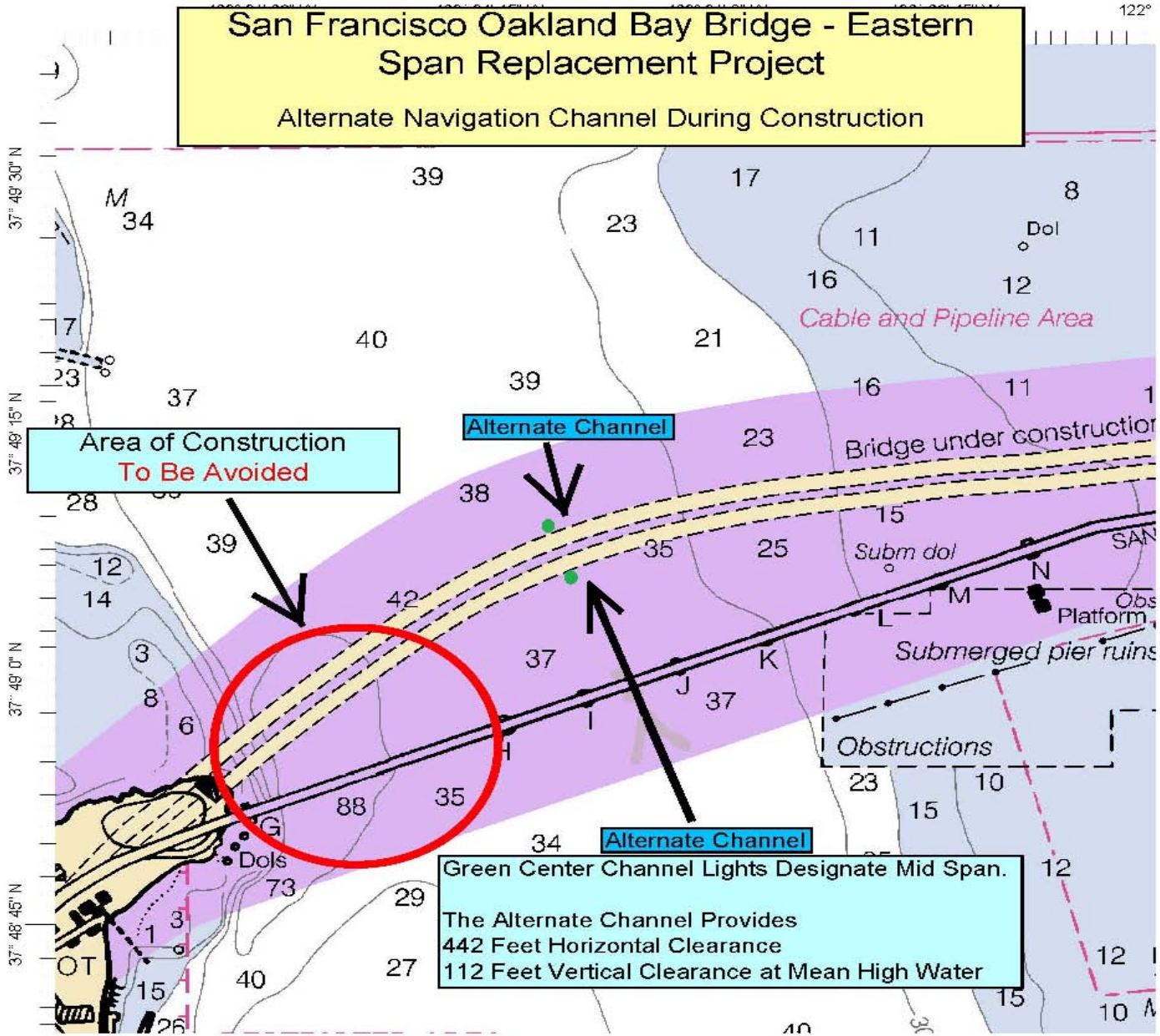
SAN FRANCISCO-OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

EXISTING CANTILEVER TRUSS DEMOLITION
DEMOLITION LIMITS PLAN

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

CU 04
EA 0120T1

SHEET 3 OF 87


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