U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 22/12

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

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0255-12 to BNM 0267-12 has been incorporated in this notice if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.uscg.mil/D11/DP/LnmRequest.asp or call BM2 Austin K. Wilder at 510-437-2929 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

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

DGPS

For information regarding the DGPS system, or to report GPS, DGPS, or AIS problems, mariners are advised to contact: http://www.navcen.uscg.gov, email: nisws@navcen.uscg.gov, or the USCG Navigation Center at 703-313-5900.

CALIFORNIA-LOW SULFUR FUEL REQUIREMENTS

Fuel Sulfur and Other Operational Requirements for Ocean Going Vessels within California Waters and 24 Nautical Miles of the California Baseline (California Code of Regulations, Section 2299.2). The regulations require vessels to burn either marine gas oil (MGO) with maximum 1.5% sulfur, or marine diesel oil (MDO) with maximum 0.5% sulfur, in their main and auxiliary engines. Vessel Masters are advised to review United States Coast Pilot #7 2012 (Edition 44) page 258 prior to entering California State waters. For more details or comments contact Captain Jeff Cowan, Department of Fish and Game, Office of Oil Spill Prevention and Response at 916-324-6450, fax 916-327-0907, or email jcowan@ospr.dfg.ca.gov.

LNM: 11/12

ELECTRONIC NAVIGATION CHARTS

"RANGE STRUCTURES: The U.S. Coast Guard has become aware that Coast Guard information used to depict a range line on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the range line on the ENC. Mariners are cautioned that the position of a range line as shown on an ENC may not reflect its true position."

LNM: 03/11

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the

International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (http://www.navcen.uscg.gov) under the heading News and Notices.

LNM: 12/12

RADIOTELEPHONE DISTRESS WATCHKEEPING

Mariners are advised that calls to the Coast Guard on the international radiotelephone distress frequency 2182 kHz may not be reliably received by the Coast Guard. Areas where maritime broadcasts on 2670 kHz are being received satisfactorily by mariners should not be affected. Similarly, mariners using high frequency (HF) radiotelephones equipped with digital selective calling (DSC) capable of operating on the 4, 6, 8, 12 and 16 MHz distress frequencies should not be affected. Coast Guard watchkeeping services on these HF radiotelephone and DSC distress frequencies are posted at http://www.navcen.uscg.gov/?pageName=cgcommsCall.

Mariners who receive a distress alert or call that has not been acknowledged by the Coast Guard are asked to assist if possible and advise the nearest Coast Guard unit using whatever means are practicable.

LNM: 12/12

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

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

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

For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

U.S. COAST GUARD PRECAUTIONARY TRANSIT NOTIFICATION VICINITY OF FUKUSHIMA, JAPAN

In response to the situation at the Fukushima Nuclear Power Plant in Japan, the U.S. Coast Guard recommends, as a precaution, that vessels avoid transiting within 20 kilometers/10.8 nautical miles of the Fukushima Nuclear Power Plant (37°25.5'N, 141°02.0'E).

Mariners are advised that this recommendation should be considered a minimum distance. Prudent route planning should incorporate prevailing and changing wind and weather conditions, in addition to the other precautionary measures.

In the event a vessel bound for a U.S. port transits within 20 kilometers/10.8 nautical miles of the Fukushima Nuclear Power Plant (37°25.5'N, 141°02.0'E) cautionary area, the U.S. Coast Guard requires the vessel's master to submit transit information, including the date and total time within the 20 kilometers/10.8 nautical miles cautionary area, to the cognizant U.S. Coast Guard Captain of the Port using the comment block in the routine submittal of their 96-hour Advanced Notice of Arrival.

The U.S. Coast Guard will provide an updated notice as additional guidance becomes available. Mariners should keep abreast of information being provided by the government of Japan relating to any further potential impacts.

LNM: 23/11

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
181	NOAA Environmental Lighted Buoy 46025	LT EXT	18720	0215-12	18/12	
370	**Point Bonita Light**	**LT EXT**	**18652**	**0262-12**	**22/12**	
382	**NOAA Environmental Lighted Buoy 46059**	**MISSING**	**18007**		**22/12**	
500	NOAA Environmental Lighted Buoy 46022	MISSING	18620	0092-12	08/12	
3010	**Long Beach Channel Approach Lighted Whistle Buoy LB**	**RAC INOP**	**18751**	**0266-12**	**22/12**	
3635	Channel Islands Harbor Breakwater North Light	REDUCED INT/STRUCT DMGD	18725	0177-12-01	14/12	
4220	**Point Bonita Light**	**LT EXT**	**18652**	**0262-12**	**22/12**	
5215	Redwood Creek Light 10	TRLB/STRUCT DEST	18651	0642-11	41/11	
8080	**Albion River Light 1**	**SS INOP**	**18628**	**0257-12**	**22/12**	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3010	Long Beach Channel Approach Lighted Whistle Buoy LB	WATCHING PROPERLY	18751	0255-12	21/12	22/12
5410	San Francisco Bay North Channel Lighted Buoy A	WATCHING PROPERLY	18649	0258-12	22/12	22/12
7110	Stockton Channel Light 36	WATCHING PROPERLY	18653	0239-12	20/12	22/12
7200	Sacramento River Deep Water Ship Channel Light 8	WATCHING PROPERLY	18659	0253-12	21/12	22/12

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
282	**Scripps Waverider Lighted Research Buoy 157**	**MISSING**	**18680**		**22/12**	
505	Scripps Waverider Lighted Research Buoy 168	MISSING	18620	0221-12	19/12	
2090	Coronado Cays Channel Light 7	LT EXT/STRUCT DMGD	18773		20/12	
4475	San Francisco-Oakland Bay Bridge Pier I Fog Signal	SS INOP	18650	0152-12	13/12	
6363	Avon Turning Basin North Light	MISSING	18657	0835-11	01/12	

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
300	Santa Cruz West Breakwater Light	Reduced Intensity	18685	0628-11	40/11	

3855	Morro Bay Channel Lighted Buoy 4	DISCONTINUED FOR DREDGING	18703	0230-12	19/12
3856	Morro Bay Channel Lighted Buoy 4A	DISCONTINUED FOR DREDGING	18703	0241-12	20/12
3860	Morro Bay Channel Lighted Buoy 5	DISCONTINUED FOR DREDGING	18703	0241-12	20/12
3865	Morro Bay Channel Lighted Buoy 6	DISCONTINUED FOR DREDGING	18703	0241-12	20/12
4085	Santa Cruz West Breakwater Light	Reduced Intensity	18685	0628-11	40/11
8135	Humboldt Bay Lighted Bell Buoy 2	RELOCATED FOR DREDGING	18622	0206-12	17/12
8175	Humboldt Bay Lighted Bell Buoy 5	RELOCATED FOR DREDGING	18622	0206-12	17/12
8195	Humboldt Bay Lighted Buoy 9	RELOCATED FOR DREDGING	18622	0206-12	17/12

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

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

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

Main Panel 2245 NEW YORK HARBOR

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

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

18653	**11th Ed.**	**01-OCT-09**	**Last LNM: 21/12**	**NAD 83**	**22/12**

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

CHANGE	East Brother Light CHANGE RANGE FROM 17M TO 14M	CGD11	at 37-57-47.531N	122-26-00.602W

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)

NORTHERN CALIFORNIA-WAMS ANNOUNCEMENT

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study on 5 waterways; Richmond Harbor Channel, San Pablo Bay and Suisun Bay, Oakland Harbor, Raccoon Straight and Richardson Bay, and the Sacramento River. The study focuses on the area's aids to navigation system, 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 comments or participate in a user survey should contact no later than September of 2012:
Commander
U.S. Coast Guard
Sector San Francisco
Attn: WAMS Officer
1 Yerba Buena Drive, Yerba Buena Island
San Francisco, CA 94130-1527
Jason.E.Koelle@uscg.mil
(415) 399-3585

LNM: 16/12

SOUTHERN CALIFORNIA-SOUND SIGNAL DISCONTINUANCE-SAN CLEMENTE ISLAND

The U.S. Coast Guard is proposing to discontinue Wilson Cove Sound Signal (LLNR 2560). Direct any questions, comments, or feedback no later than June 8th, 2012 to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil.

Charts: 18763 18774 LNM: 19/12

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)
None

SECTION VII - GENERAL

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

ARIZONA-BRIDGE-COLORADO RIVER

Highway 62 Bridge at Parker, AZ.-Temporary trestles installed upstream and downstream for the replacement of the bridge, provide 10 feet vertical clearance above High Water and 50 feet horizontal clearance at the main navigational channel span only. At night, the trestle piles are marked with red lights and the main channel span is marked with a center range of 2 green lights. Cable cross bracing may be present in all spans except the main channel span. Cables are marked with multi-colored flags. Orange buoys have been installed along the length of the trestles leaving an opening for vessels to pass through the main navigational channel span. Mariners are advised to use the main channel span only. No wake is requested through the project site. The bridge replacement project will be in progress through Dec 2013.

LNM: 18/11

CENTRAL AND NORTHERN CALIFORNIA-WHALES-POINT PIEDRAS BLANCAS TO BODEGA BAY

NOAA recommends that vessels transiting between Point Piedras Blancas and Bodega Bay during the months of May through November exercise caution and reduce speed when traveling around the following: the 100 fathom isobath, Cordell Bank, Farallon Islands, inbound and outbound of San Francisco Bay. These areas contain populations of endangered Blue, Humpback and Fin whales. Collisions with these animals resulting in their injury or death is a violation of Federal Laws 16 U.S.C 1538 et. seq. and 16 U.S.C 1431 et seq., and may cause damage to ships.

Report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS- WHALE (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16.

Charts: 18640 18680 LNM: 21/12

NORTHERN CALIFORNIA-BRIDGE-CARQUINEZ STRAIT

I-80 SOUTHBOUND SUSPENSION HWY BRIDGE (DOWNSTREAM BRIDGE) - Caltrans is painting the bridge using the rolling traveller attached to the

NORTHERN CALIFORNIA-BRIDGE-CARQUINEZ STRAIT

underside of the bridge from 0630 until 1500, Monday through Friday, through 1 Jan 2013. The 30 foot wide traveller reduces vertical clearance at the suspension bridge by 13 feet and is lighted at night with red lights. The traveller will be stored at the north channel pier or aligned with the center channel pier of the upstream bridge when not in use. Mariners may contact Caltrans via telephone at 510-715-7151 if additional information is needed.

Chart 18655 LNM: 43/11

NORTHERN CALIFORNIA-BRIDGE-CARQUINEZ STRAIT

I-80 HIGHWAY BRIDGE-Caltrans is conducting fender replacement on the center (pier 3) and northern (pier 2) piers, Monday through Friday, 0630 to 1730, through May 2013. A 70' X 140' crane barge, a 100' X 34' material barge and an 50' X 70' flexi-float will be moored against the piers, in the navigational channels, during the work, reducing horizontal clearance by no more than 115'. Barges will be moored off-site after working hours. If left on-site, barges will be lighted at night with steady burning red lights. (see enclosure at the end of this notice). During normal working hours the barges can be moved for navigational safety with one hour notice by contacting the Tug "HERO" or Tug "DENISE". Work crews will be monitoring VHF-FM channels 13/16 and will be using channel 20A for work related communications. Emergency 24-hour contact numbers include; Asghar Rezaei, Caltrans (925) 766-8280; Sean Eagan, Caltrans (510) 714-7041; Cu Mai, Golden State Bridge (GSB) (925) 864-3777; Jim Banbury, GSB (925) 726-7085; Dave Riccitiello, GSB (707) 246-0725. For further information please contact the Coast Guard Bridge Office at (510) 437-3515.

Chart 18656 LNM: 15/12

NORTHERN CALIFORNIA-BRIDGE-CARQUINEZ STRAIT Current 29 May 12

The BENICIA-MARTINEZ Drawbridge fendering on the south side draw span has been damaged and may not provide adequate protection for the drawbridge.

Chart 18656 LNM: 37/11

NORTHERN CALIFORNIA-BRIDGE-MIDDLE RIVER Current 29 May 12

STATE ROUTE 4 HIGHWAY BRIDGE- Caltrans scaffolding and containment platform for a painting project, reduces vertical clearance by no more than 5 ft, through 31 Aug 12. During the project approximately half of the width of the waterway will be unobstructed. Scaffolding and containment is lighted at night with red lights.

Chart 18661 LNM: 36/11

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY

SAN MATEO/HAYWARD BRIDGE-Caltrans will be conducting deck repairs from pier 38 to bent 286 approximately 1600 yards east of the main ship channel, Monday through Friday, 0530 to 1430, 04 Jun 2012 through 14 Nov 2012. To facilitate repairs a 20' X 40' flexi-float barge will be moored to the bridge during the 1st two weeks and the last two weeks of the project and will be lighted at night with steady burning red lights. Contractor will be monitoring VHF-FM ch 14/16. The barge will remain on-scene at night, unmanned. For further information and in the event of an emergency mariners can contact Caltrans at (510) 280-4546 and the contractor at (510) 760-3628 or (510) 715-0623. For further information contact the Coast Guard Bridge Office at (510) 437-3515.

Chart 18651 LNM: 22/12

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY

DUMBARTON HIGHWAY BRIDGE RETROFIT Barges, lighted at night with red lights, will be moored, Piers 23 or 24 through 15 Jul 2012, to facilitate pier footing retrofit and may be moored in the main ship channel, reducing horizontal clearance in the span by 20 feet. The barge can be moved, for navigational safety, with one hour advance notice. Removal of the western Ravenswood Pier, just south of the the bridge, is in progress through Jan 2013. For conditions at the bridge mariners can contact the Caltrans contractor, Shimmick at Dumbarton Bridge Retrofit, on marine radio VHF-FM Chan. 14/16 or contact Ben Gordon 510-760-0152. For further information, contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18651 LNM: 05/11

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY-Current 14 May 12

SAN FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT-EAST OF YERBA BUENA ISLAND (YBI)-Mariners are advised to avoid the construction area by using the main navigational channel west of YBI or the alternate channel, piers I-J (existing bridge) and piers E-3 E-4 (3rd and 4th piers east of YBI, new bridge), east of the construction site. Clearances for alternate channel are; 442 feet of horizontal clearance and 112 feet of vertical clearance at Mean High Water. Mariners transiting the area should proceed with caution to avoid creating unstable conditions for on-site workers. Temporary falsework is now in place and is lit at night with quick flashing red lights. See AlternateChannel.pdf and 2009_Falsework.pdf in the Enclosure Section of this Local Notice to Mariners for the Alternate Channel Marking and falsework diagram. Mariners may contact American Bridge/Fluor VHF-FM Chan. 73, or by telephone at 510-759-1325 (American Bridge/Fluor), to determine conditions at the bridge. The green center span lights have been temporarily extinguished in the three spans east of the main channel span. A large crane barge and material barges are anchored approximately 350 feet ENE of the YBI shoreline. Anchor lines extend approximately 1500 ft north and south of the barges, anchor buoys are lighted at night with quick flashing white lights. A crane barge and associated material barges are anchored approximately 600 feet ENE of the YBI shoreline to assist in the construction of the overall bridge. Anchor lines extend approximately 800 feet north and south of the barges, anchor buoys are lighted at night with quick flashing white lights. Barges are lighted at night with steady burning red lights. See 042210BargeDiagram.pdf in the Enclosure Section of this Local Notice to Mariners for the Barge Anchor Diagrams. For more details or comments contact the Eleventh Coast Guard District Bridge Office at 510-437-3461.

Chart 18650 LNM: 50/05

NORTHERN CALIFORNIA-BRIDGE-SAN JOAQUIN RIVER

BRADSHAW'S CROSSING BRIDGE-New bridge construction through Nov 2012. Temporary trestles upstream and downstream of the bridge construction site provide 100 feet of horizontal clearance at the center of the CHANNEL. Temporary falsework spans the river providing 20 feet of vertical clearance at Mean High Water. The temporary falsework/trestles are lit at night with steady burning red lights. (See lighting enclosure

NORTHERN CALIFORNIA-BRIDGE-SAN JOAQUIN RIVER

at the end of this LNM). No in-water equipment is planned. For more details or comments, contact the City of Lathrop at 209-992-0028 or RD 2062 at 209-495-2871. Mariners are urged to use caution while transiting the work site.

Chart 18661 LNM: 28/11

NORTHERN CALIFORNIA-BRIDGE-SAN JOAQUIN RIVER-Current 29 May 12

ANTIOCH HIGHWAY BRIDGE – The tugs Bay Cat or River Cat and a 110' X 30' barge, with a 60 ton crane, will be moored in the main ship channel, during daylight hours through 09 Jun 12, to install cross bracing to falsework at bridge piers. No anchor lines are proposed at this time. The barge can be moved with 10 minutes notice for navigational safety. Mariners can contact the tug on VHF-FM Ch 16 and 14 to determine conditions at the bridge. 24-HR contact numbers; Caltrans 925-766-8261, California Engineering Contractors; 925-250-1298, 925-559-4119, 925-519-5197.

Chart 18661 LNM: 50/11

NORTHERN CALIFORNIA-COMMERCIAL POWER OUTAGE-ALCATRAZ LIGHT Updated 29 May 12

The National Park Service will be securing commercial power to Alcatraz Light (LLNR-4315) from 0500 to 0900 local on 4, 11, 18, 25 Jun 12. During periods of unavailable commercial power, Alcatraz Light will automatically shift to the emergency light operating at a reduced intensity of 09 NM nominal range. In addition, Alcatraz North Fog Signal (LLNR-4325) will begin operating continuously sounding 2 blasts every 30 seconds. Upon restoration of commercial power, affected aids will resume normal operation. For more details or comments contact U.S. Coast Guard Aids to Navigation Team at 415-399-3515.

Chart 18650 LNM: 22/12

NORTHERN CALIFORNIA-DREDGING-OAKLAND MIDDLE HARBOR

Camenzind Dredging Inc. will conduct continuous dredging operations until 15 Jul 12 in position: 37-48-10N 122-20-00W. Dredge PAUL VINCENT and work boat FESTER will monitor VHF-FM Chan 16 and 67. Mariners are advised to transit the area with caution. For more details or comments contact Kurt Camenzind at 650-424-0367.

Chart 18650 LNM: 07/12

NORTHERN CALIFORNIA-GEOPHYSICAL SURVEY-SAN FRANCISCO BAY TO PITTSBURG

Alpine Ocean Seismic Survey Inc. will conduct overwater geophysical investigations until 7 Jun 12 from San Francisco to Pittsburg during daylight hours. The M/V PACIFIC NAVIGATOR will be towing submerged survey equipment up to 300 feet astern. M/V PACIFIC NAVIGATOR will monitor VHF-FM Chan. 16. Mariners are advised to use caution when transiting the area. For more details or comments contact Jon Spink at 201-739-4557 or e-mail at jspink@alpinocean.com. See enclosure section for Full Page Photo.pdf

Charts: 18649 18650 18653 18654 18655 18656 18657 18658 18659 18666 LNM: 18/12

NORTHERN CALIFORNIA-LOCK OPERATIONS-MONTEZUMA SLOUGH Updated 31 Jan 12

The California Department of Water Resources will operate the Salinity Control Structure located at: 38-05-36N, 121-53-07W, until 31 May 12. Flash boards are across the maintenance channel limiting vessel traffic to the boat lock. A lock operator is on duty every day from 0700 until 1700, unless otherwise informed, through 31 May 12. The visual signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. VHF-FM chan. 13 is monitored. The boat lock is located on the east side on the channel and provides the following clearances: 16 feet wide, 70 feet long and 9 feet over the sill at MLLW, with no vertical impairment. A shoal area exists along the east bank, above and below the structure extending approx. 50 feet out from the existing levee. Marker buoys have been placed to identify the area. Mariners are advised that the Control Structure operations can at times create currents greater than in other areas of the slough. For more details or comments contact Sheryl Moore at 209-833-2080 or Rhett Cotter at 209-833-2077.

Chart 18652 LNM: 44/11

NORTHERN CALIFORNIA-MARINE CONSTRUCTION-SAN FRANCISCO BAY Updated 29 Feb 12

Vortex will conduct continuous pile driving operations and reconstruction of pier 43 until 12 Aug 12 in position 37-48-35N 122-24-37W. D/B VENGENCE will monitor VHF-FM Chan. 13 and 14. Temporary anchorages have been established in positions: 37-48-38N 122-24-58W, 37-48-38N 122-24-55W, 37-48-36N 122-24-49W. Mariners are requested to transit the area with caution at a reduced wake. For more details or comments contact John Miller at 510-812-1084.

Chart 18650 LNM: 28/11

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

Water World Swim will sponsor a swimming event involving 35 participants swimming from the Golden Gate Bridge to the Bay Bridge in San Francisco Bay from 0730 to 0930 on 03 Jun 12. All mariners are advised to exercise caution when transiting this area. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649 LNM: 22/12

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

South End Rowing Club will sponsor a swimming event involving 20 participants swimming from Point Bonita to Aquatic Park in San Francisco Bay from 0800 to 1100 on 03 Jun 12. All mariners are advised to exercise caution when transiting this area. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649 LNM: 22/12

NORTHERN CALIFORNIA-MARINE OPERATIONS-SAN FRANCISCO BAY

North Coast Divers, Inc. will conduct diving operations until 1 Jun 12 during daylight hours in the vicinity of the Richmond Outfall Pipelines 37-55-11N 122-25-02W. CS BARGE 38 and WESTAR will monitoring VHF-FM Chan 9, 14, and 16. All Mariners are requested to transit the area with caution. For more details or comments contact Rick Heaslet at 707-762-1575. See enclosure section for Richmond Outfall Site Plan.

NORTHERN CALIFORNIA-MARINE OPERATIONS-SAN FRANCISCO BAY

Chart 18653 LNM: 22/12

NORTHERN CALIFORNIA-PIER RECONSTRUCTION-TRINIDAD HEAD

West Coast Contractors, Inc will be conducting pier reconstruction until 31 May 12 in the vicinity of 41-03-20N 124-08-41W. Mariners are advised to use caution when transiting the area. For more details or comments contact James Ammon at 530-739-3828 or Julian Koerner at 541-290-2300.

Chart 18605 LNM: 35/11

NORTHERN CALIFORNIA-PT. SAINT GEORGE REEF LIGHT-OPERATIONAL TESTING PERIOD.

The St. George Reef Lighthouse Preservation Society is conducting an operational test period of the Saint George Reef light off of Crescent City until 31 Jul 12. The light will flash once every 12 seconds. Mariners are requested to transit the area with caution. For more details or comments contact Clarke Moore at 707-954-0028 or clarkemoore@hughes.net

Chart 18603 LNM: 12/12

NORTHERN CALIFORNIA-RIVER BARRIER-OLD RIVER, STEWART TRACT

The California Department of Water Resources will remove a rock barrier at the head of Old River at approximate position: 37-48-29.56N, 121-19-42.11W from 1 Jun 12 through 30 June 12. All Mariners are advised to avoid the area until the project is complete. For more details or comment contact Mike Abiouli at 916-653-6027.

Chart 18661 LNM: 22/12

NORTHERN CALIFORNIA-SHOALING-SUISUN BAY

The Coast Guard has received a report of shoaling near the Benicia/Martinez bridge in Suisun Bay in position 38-02-30N 122-07-00W. The shoal was reported to be as shallow as 31.5 feet inside the Bulls Head channel. Mariners are requested to use caution while transiting the area.

Chart 18656 LNM: 21/12

NORTHERN CALIFORNIA-TEMPORARY CHANGE-SANTA CRUZ HARBOR

Santa Cruz West Breakwater Light (LLNR 300/4085) temporary change: The light flash characteristic has been changed to Fl G 4s, the nominal range has been reduced to 5nm and the sound signal has been discontinued while repairs are made to the light's electrical power system. Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil

Charts: 18020 18680 18685 LNM: 46/11

NORTHERN CALIFORNIA-WAVE GLIDER TEST OPERATIONS-MONTEREY BAY

Liquid Robotics, Inc. will conduct continuous autonomous, unmanned vehicle (www.liquidr.com <http://www.liquidr.com/>)operations until 7Jun 12 in the Monterey Bay. Operations consist of surveying a transect map contained within the following coordinates 36-58-37N, 122-12-57W; 36-49-41N, 121 56-51W; 36-46-39N, 122 01-14W; 36-47-07N, 122-05-41W; 36 53-49N, 122 17-45W to collect scientific data. We plan to deploy one vehicle on 21May 12 in position 36 48.500N, 121 51.000W to conduct related operations making best speed to and from its respective operating area and recover on 7 Jun 12. Wave Glider is remotely operated, propelled under its own power, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of ~1kt and designed to "lose" in any type of collision with any vessel. It is approximately 6.5' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 3 feet above the water surface supporting a flag. Mariners are advised to use caution when transiting the area. For more details or comments contact Liquid Robotics 24/7 WGOC Operations at 888-574-4574, 408-636-4260, or email support@liquidr.com.

Chart 18685 LNM: 20/12

SOUTHERN CALIFORNIA-BRIDGE-CERRITOS CHANNEL Current 29 May 12

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION - The drawspan will be secured closed to navigation during daylight hours on 10 Jun 12 for emergency electrical repair of the operating system. Vessels that can transit the bridge in the closed position may continue to do so at any time. Two temporary eastern trestles are in place for construction of the replacement bridge. Temporary falsework is being erected over the trestle. The main navigation span through the construction site provides 75 feet of horizontal clearance and 43 feet of vertical clearance at Mean High Water. The temporary falsework and trestles are 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 local time. For conditions at the bridge mariners can contact; Caltrans, 213-444-1171; MCM Construction, 714-305-2725; MCM Construction, 714-330-5370. Mariners are urged to use caution while transiting the work site. See Heim_FalseworkTrestleBargeLighting.pdf and HEIM_fenderpierlightingplan.pdf enclosures below.

Chart 18749 LNM: 45/11

SOUTHERN CALIFORNIA-CONSTRUCTION-LOS ANGELES-Updated 07 Feb 12

Manson Construction will be conducting demolition and construction operations until 19 Oct 13 in the vicinity of Piers E25-E27 in position 33-45-46N 118-12-49W. D/B LOS ANGELES, D/B VALHALLA, D/B LONG BEACH, D/B VALKYRIE, NORSEMAN with tugs PATCONA, LARCONA, and JEFFERY M will monitor VHF-FM Chan. 13, 67, 79, and 80. Mariners are advised to use caution when transiting the area due to derrick barge anchor spread areas. For more details or comments contact Luis Camacho at 562-577-0718. See Enclosures Section for Pier E, BerthsE25-27.pdf.

Chart 18751 LNM: 06/12

SOUTHERN CALIFORNIA-DREDGING OPERATIONS-MORRO BAY

The Army Corps of Engineers will be conducting dredging operations in Morro Bay until 02 Jun 12. The 200 ft. H/D YAQUINA will monitor VHF-FM Chan. 13 and 16. The YAQUINA will be disposing the dredge material into the nearshore approximately 1 mile south of the entrance. For more details or comments contact Blake Horita at (213)-452-4026.

Chart 18703 LNM: 19/12

SOUTHERN CALIFORNIA-DREDGING-MARINA DEL REY

Dutra Dredging will conduct dredging operations inside the detached breakwall of Marina Del Ray Harbor until 31 Jul 12. Tug THOMAS, D/B PAULA LEE, and 3 dump scows, will monitor VHF-FM Chan. 13, 14, 16, and 82. Mariners are advised to use caution, transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. For more details or comments contact Andrew Hunt at 415-847-6640.

Charts: 18744 18748 LNM: 14/12

SOUTHERN CALIFORNIA-DREDGING-NEWPORT BAY

R.E. Staite Engineering Inc. will be conducting continuous maintenance dredging until 30 Sep 12 in Newport Bay in position 33-36-37N 117-54-20W and the federal vessel anchorage west of Bay Island in position 33-36-31N 117-54-24W. Vessel DB PALOMAR and RES 180 crane barge will be on site and monitoring VHF-FM Chan. 16. For more details or comments contact R.E. Staite Engineering Walter Jellison at 619-233-0178 or 619-571-1050.

Chart 18773 LNM: 16/12

SOUTHERN CALIFORNIA-DREDGING-OCEANSIDE HARBOR

Manson Construction will conduct continuous dredging operations through 05 Jun 12 in the Oceanside Harbor. H/D H.R. MORRIS, D/B FREYA and dredge tenders PUP and CUB with survey boat RENEGADE will monitor VHF-FM Chan. 16 and 67. Mariners are advised to use extreme caution and radio contact is requested when passing H/D H.R. MORRIS. For more details or comments contact Manson construction at 562-762-5367.

Chart 18774 LNM: 20/12

SOUTHERN CALIFORNIA-DREDGING-PORT OF LONG BEACH

Manson Construction will conduct continuous dredging operations until 31 Aug 12 along Pier E. D/B VALHALLA and tug ELMER M will monitor VHF-FM Chan. 13 and 67. Mariners are advised that a shore power cable will be used to power the dredge, lying submerged on the seabed and to transit the area with caution. For more details or comments contact Rich Ferguson at 562-762-5417 or Matt LaRue at 904-252-6357. See Enclosures Section Middle Harbor PH II Cable Location.pdf

Chart 18749 LNM: 17/12

SOUTHERN CALIFORNIA-DREDGING-PORT OF LONG BEACH MIDDLE HARBOR

Manson Construction will conduct dredging operations at the Long Beach Middle Harbor between piers E and F until 30 Jun 12. D/B VALHALLA and tug ELMER M will monitor VHF-FM Chan. 13 and 67. Mariners are requested to use extreme caution when transiting the area. For more details or comments contact Manson Construction at 652-983-2340. See enclosure section for Middle Harbor Power Cable.pdf

Chart 18751 LNM: 19/12

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-PORT OF LOS ANGELES Updated 29 May 12

Manson Construction Co. is conducting construction and dredging operations until 31 Dec 13 at the Cabrillo Shallow Water Habitat construction zone. D/B VULCAN, SCOW ROCKPORT and tugboat ELMER will monitor VHF-FM Chan. 16, 66 and 67. The D/B LOS ANGELES will monitor VHF-FM Chan. 16 and 79A. Mariners are advised to use caution when transiting the area. For more details or comments contact Brad Hunter at 562-762-5241 or Ron Allard at 562-577-0814. See Enclosures Section for 05 22 2012 LNTM.pdf.

Chart 18751 LNM: 44/10

SOUTHERN CALIFORNIA-HAZARDOUS OPERATIONS-OFFSHORE SAN CLEMENTE

The U.S. Navy will conduct hazardous operations, continuously, from 1 Jun 12 through 30 Jun 12, in a 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
TO POINT OF ORIGIN.
Mariners are advised to avoid the above area, and transit the area with caution. For more details or comments contact FACSFAC San Diego at 619-545-6536.

Chart 18740 LNM: 12/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-ALAMITOS BAY

Reyes Construction will conduct dock demolition and removal operations in Alamitos bay Marina Basin 1 until 1 Jun 12. Barges REYES 1 and GC120 will monitor VHF-FM Chan. 13 and 16. All Mariners are requested to transit the area with caution. For more details or comments contact Jennifer Garcia at 562-743-1545.

Chart 18749 LNM: 22/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-LONG BEACH

Reyes Construction will conduct pile driving operations in Long Beach Marine Stadium during daylight hours until 28 Jun 12. Barge REYES 1 will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Jennifer Garcia at 562-743-1545.

Chart 18749 LNM: 22/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-LOS ANGELES

Reyes Construction Inc. will conduct pier repair at Berth 86 Port of Los Angeles during daylight hours until 31 Dec 12. Mariners are advised to use

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-LOS ANGELES

caution when transiting the area. For more details or comments contact Reyes Construction Safety Director Jennifer Garcia at (562) 743-1545.

Charts: 18749 18751 LNM: 16/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-SAN DIEGO

Manson Construction will demolish and rebuild Naval Base 32nd street pier 12 and upgrade pier 13 in vicinity of 32-39-38N 117-07-13W until 15 Jul 13. D/B VULCAN, scows ROCKPORT, SEAPORT and FOSS tug boat will monitor VHF-FM Chan. 16. All Mariners are requested to transit with caution. For more details and comments contact Terry Hammerwold at 510-773-6963.

Chart 18773 LNM: 16/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-SAN DIEGO BAY

R.E. Staite will conduct a construction project until 4 Oct 12 at the 10th avenue marine terminal replacing the existing 60 feet of the Bulkhead in position: 32-41-47N, 117-09-09W and the Broadway pier in position: 32-42-57N, 117-10-24W. The R.E. Staite 670 crane barge will monitor VHF-FM chan. 16. Mariners are advised to transit the area with caution. For more details or comments contact John St. Claire at 619-686-6524 or Grace Tell at 619-686-6524. See enclosue section for NTM - revised.pdf

Chart 18773 LNM: 20/12

SOUTHERN CALIFORNIA-MARINE EVENT-DANA POINT

Hobie Designs Inc. will be sponsoring the 2012 "Hobie Waterman's Challenge" Stand Up Paddle Board Race on Saturday, 2 Jun 12. Multiple races will be held off Doheny State Beach between 0700 and 1300. Expect up 250 participants racing a 3NM course between 100 and 500 yards off the beach. Mariners are advised to use caution when transiting the area. For questions or comments, contact BM1 Guy Langman at (310) 521-3867.

Chart 18746 LNM: 22/12

SOUTHERN CALIFORNIA-MARINE EVENT-SAN DIEGO

Cortez Racing Association will sponsor multiple sailing events involving 125 sailboats racing in San Diego Bay on every Wednesday from 30 May – 08 Aug 12 from 1750 to 2000. The starting position will be in the vicinity of the half mile marker mid Harbor Island. Mariners are advised to exercise caution while transiting the area. Sponsor will be on scene monitoring VHF-FM Chan. 16, 68, & 69. For more details or comments contact Renee Hirsh at 858-405-9734.

Chart 18773 LNM: 21/12

SOUTHERN CALIFORNIA-OCEAN RESEARCH EQUIPMENT-OCEANSIDE

MBC Applied Environmental Sciences has deployed oceanographic monitoring equipment until 05 Aug 12 offshore of the Santa Margarita River near Oceanside Harbor at an approximate depth of 90 feet in position: 33-12-24.5N 117-26-48.1W. A 4-foot yellow spar buoy will be sited above the equipment. Mariners are requested to transit with caution. For more details or comments contact Robert Moore at 714-850-4830.

Chart 18774 LNM: 30/11

SOUTHERN CALIFORNIA-SHOALING-CHANNEL ISLANDS HARBOR

The U.S. Coast Guard has received a report of severe shoaling north of the northwest jetty extending from the North Jetty Light 3 (LLNR 3645) north for approximately one mile. Mariners are advised to use caution when transiting the area. See Enclosures Section for Channel Islands Shoaling.pdf

Chart 18725 LNM: 10/12

SOUTHERN CALIFORNIA-SHOALING-OCEANSIDE HARBOR

The Army Corps of Engineers reports -15ft MLLW severe shoaling in the entrance to the Oceanside Harbor within the following positions.
33 12 20.893N 117 24 01.351W
33 12 20.118N 117 24 04.872W
33 12 18.629N 117 24 05.441W
33 12 16.908N 117 24 04.241W
33 12 15.943N 117 24 01.581W
The Shoal continues East outside the entrance channel with the shallowest point at -10ft MLLW in position 33 12 19.392N 117 24 03.097W.
Mariners are requested to transit the area with caution. For more details or comments contact Joe Ryan at 213-452-3679.
See enclosures section for OS-shoal.pdf.

Chart 18774 LNM: 39/11

SOUTHERN CALIFORNIA-SURVEY OPERATIONS-SANTA BARBARA CHANNEL

FUGRO will be conducting seafloor mapping surveys during daylight hours until 08 Jun 12. The area is outlined by the following coordinates.
34° 02' 20.779" N 118° 33' 35.517" W
34° 02' 12.835" N 118° 33' 70.255" W
33° 59' 31.660" N 118° 34' 37.839" W
33° 59' 42.217" N 118° 35' 40.777" W
33° 59' 30.394" N 118° 34' 44.726" W
33° 59' 47.053" N 118° 35' 50.846" W
34° 00' 59.175" N 118° 33' 20.711" W
34° 10' 16.788" N 118° 33' 23.561" W
34° 10' 39.243" N 118° 32' 50.723" W
34° 10' 37.162" N 118° 32' 23.254" W
34° 10' 28.612" N 118° 32' 50.154" W

SOUTHERN CALIFORNIA-SURVEY OPERATIONS-SANTA BARBARA CHANNEL

34° 10' 45.174" N 118° 31' 27.612" W
34° 10' 30.260" N 118° 31' 10.061" W
34° 10' 50.911" N 118° 31' 52.143" W
34° 10' 50.798" N 118° 32' 18.959" W
34° 10' 15.935" N 118° 32' 40.301" W

The Survey Vessels WESTERLY and JULIE ANN will monitor VHF-FM Chan. 13 and 16. The vessels will have limited maneuverability during operations and mariners are advised to use due caution when transiting in the area. For more details or comments contact Jeff Carothers or Eddie Stutts at 805-650-7000. See Enclosures Section for Westerly_Julie Ann APR 2012.pdf.

Chart 18744

LNM: 15/12

SOUTHERN CALIFORNIA-WHALES-POINT ARGUELLO TO DANA POINT

NOAA recommends that vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from May through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales. Collisions with these animals resulting in their injury or death is a violation of the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).
Additional information can be found at: http://channelislands.noaa.gov/focus/alert.html.
Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16.

See enclosure section for Whale Advisory Zone Chartlet.pdf

Chart 18022

LNM: 22/12

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

COAST PILOT 7-Updates

See Enclosures for updates.

LNM: 22/12

ENCLOSURES

SOUTHERN CALIFORNIA-CONSTRUCTION-LOS ANGELES

Piers E, Berths E25-27.pdf

See link above.

LNM: 06/12

NORTHERN CALIFORNIA-MARINE OPERATIONS-SAN FRANCISCO BAY

Richmond Outfall Markers.pdf

See link above.

Chart 18653

LNM: 22/12

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

MSIB Voluntary Traffic Lane 11-09.pdf

See link above.

LNM: 09/10

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

NORTHERN CALIFORNIA-BRIDGE-SAN JOAQUIN RIVER

LightingPlan.pdf

See link above for information on Bradshaw's Crossing Lighting.

Chart 18661 LNM: 28/11

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO/OAKLAND BAY BRIDGE REPLACEMENT Current 21 Feb 12

042210BargeDiagram.pdf AlternateChannel.pdf 2009_Falsework.pdf

See link above to view anchor diagram for work area, alternate channel marking diagram and falsework lighting.

LNM: 43/08

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-PORT OF LOS ANGELES UPDATED 29 May 12.

05 29 2012 LNTM.pdf

See link above.

LNM: 44/10

NORTHERN CALIFORNIA-BRIDGE-CARQUINEZ STRAIT

I-80HWY_BargelightingDiagram.pdf 2012-05_AnchoringDiagram.pdf

See Above for I-80 HIGHWAY BRIDGE Barge Lighting and Anchoring Diagram

Chart 18656 LNM: 15/12

SOUTHERN CALIFORNIA-SURVEY OPERATIONS-SANTA BARBARA CHANNEL

LNM - westerly_julie ann_Apr2012.pdf

See link above.

Chart 18744 LNM: 15/12

SOUTHERN CALIFORNIA-SHOALING-OCEANSIDE HARBOR

OS-Shoal.pdf

See link above.

Chart 18774 LNM: 39/11

SOUTHERN CALIFORNIA-BRIDGE-CERRITOS CHANNEL-HEIM CONSTRUCTION

Heim_FalseworkTrestleBargeLighting.pdf HEIM_fenderpierlightingplan.pdf

See link above

Chart 18749 LNM: 45/11

SOUTHERN CALIFORNIA-SHOALING-CHANNEL ISLANDS HARBOR

Channel Island Shoaling.pdf

See link above.

Chart 18725 LNM: 10/12

SOUTHERN CALIFORNIA-DREDGING-PORT OF LONG BEACH

Middle Harbor PH II Cable Location.pdf

See link above.

LNM: 17/12

NORTHERN CALIFORNIA-GEOPHYSICAL SURVEY-SAN FRANCISCO BAY TO PITTSBURG

Full Page Photo.pdf

See link above.

LNM: 18/12

SOUTHERN CALIFORNIA-DREDGING-PORT OF LONG BEACH MIDDLE HARBOR

Middle Harbor Power Cable.pdf

See link above.

LNM: 19/12

SOUTHERN CALIFORNIA-MARINE CONSTRUCTION-SAN DIEGO BAY

NTM - revised.pdf
See link above.
Chart 18773 LNM: 20/12

SOUTHERN CALIFORNIA-WHALES-POINT ARGUELLO TO DANA POINT

Whale Advisory Zone Chartlet.pdf
See link above.

LNM: 22/12

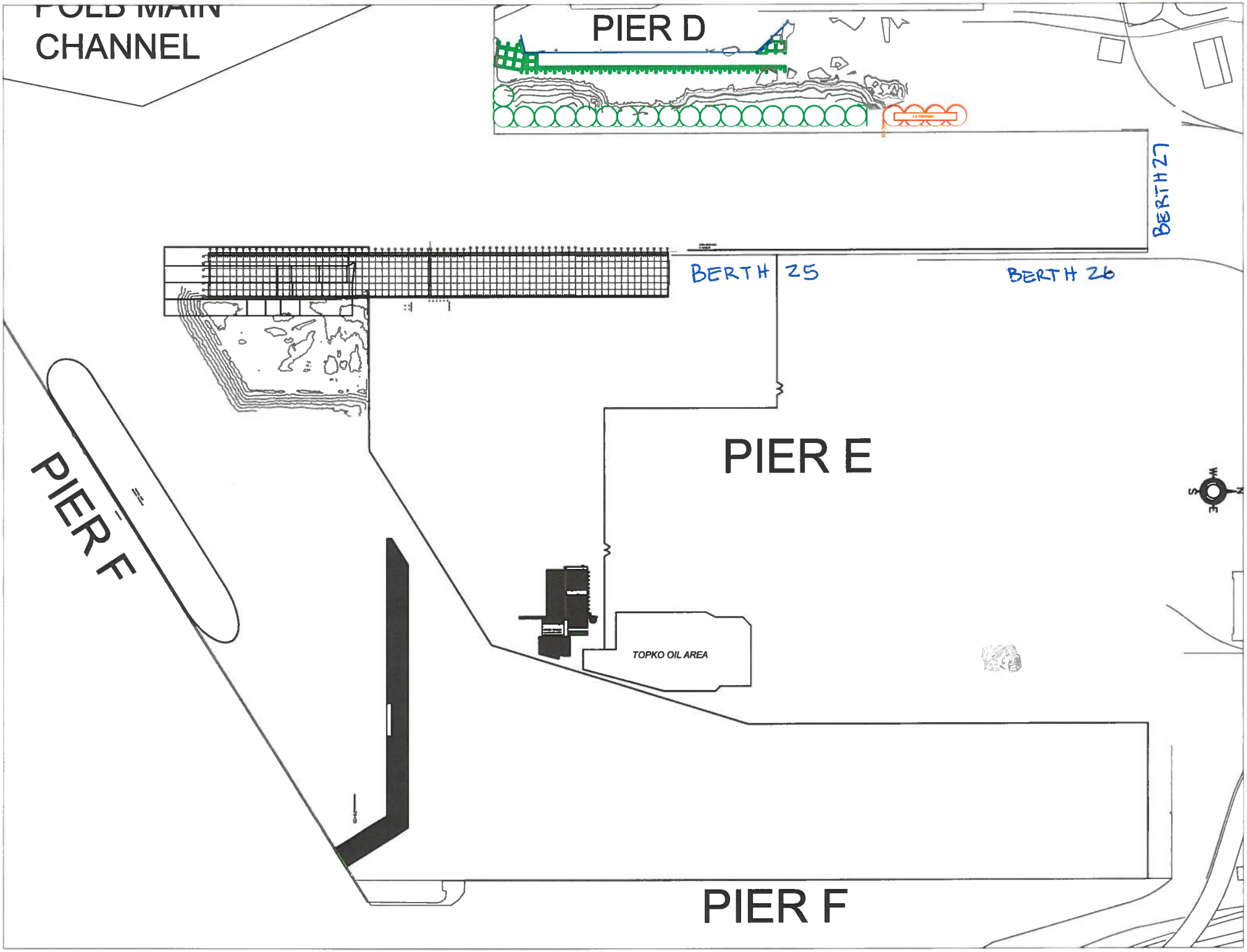
COAST PILOT 7-Updates

CP7-12-14 WK21.pdf
See link above.

LNM: 22/12

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

M. J. Salas, LCDR
U.S. Coast Guard
Chief, Waterways Management Branch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PIER E
PIER F
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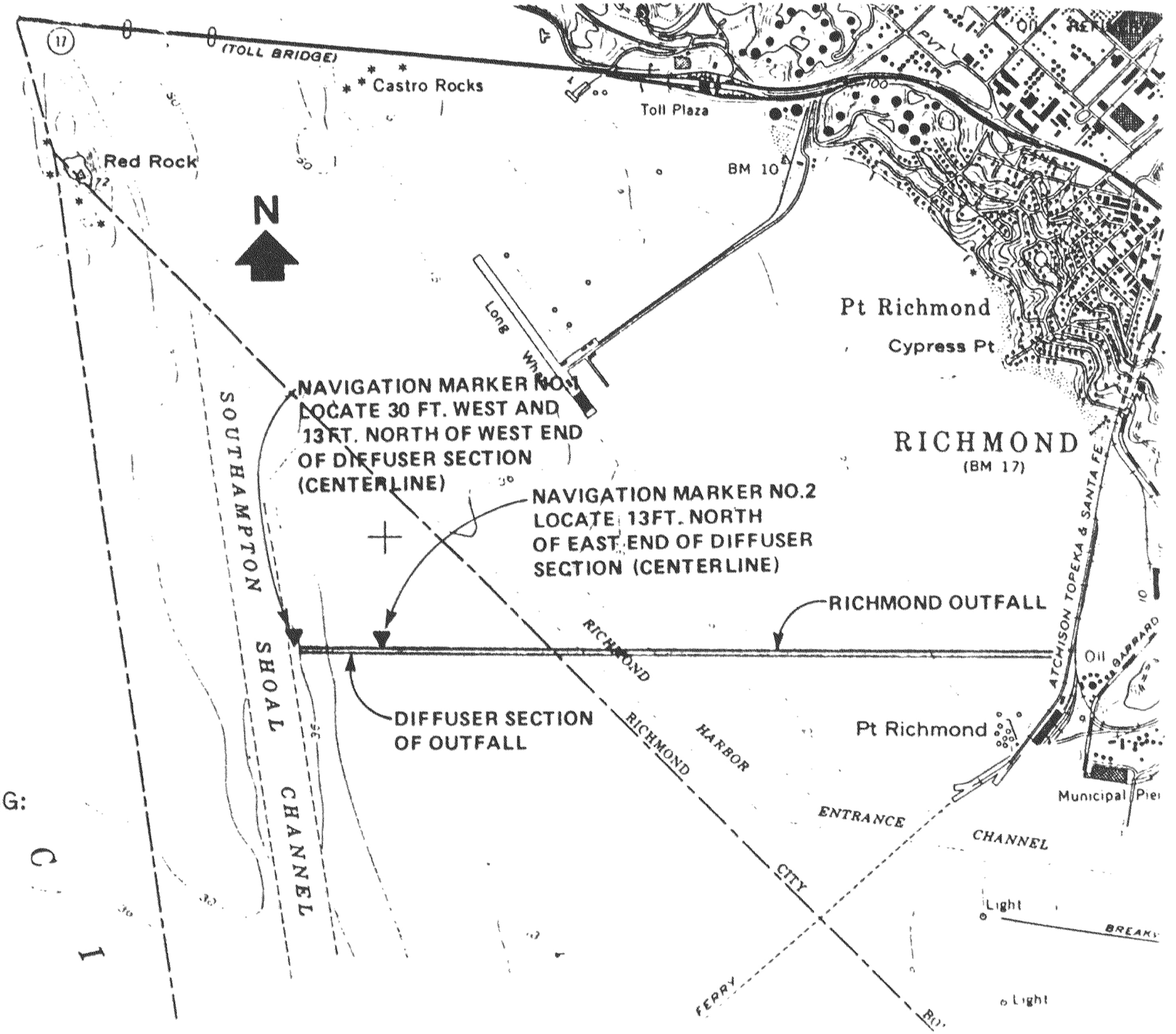


TTERING:

C 1

NAVIGATION MARKER LOCATION PLAN

SCALE: 1 INCH = 2000 FEET

10

3 | 3

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

MARINE SAFETY INFORMATION BULLETIN 11-09

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

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

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

Voluntary Western Traffic Lanes

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

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

Pacific Missile Test Range, Point Magu

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

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

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

Whales

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

Recreational and Fishing Vessels

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

Questions

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

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

BRIDGE NAME_____ DATE _____

MILE _____ WATERWAY _____

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

_____

_____

_____

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

Signature _____

Telephone _____

Mariners may complete and send via fax or mail to:

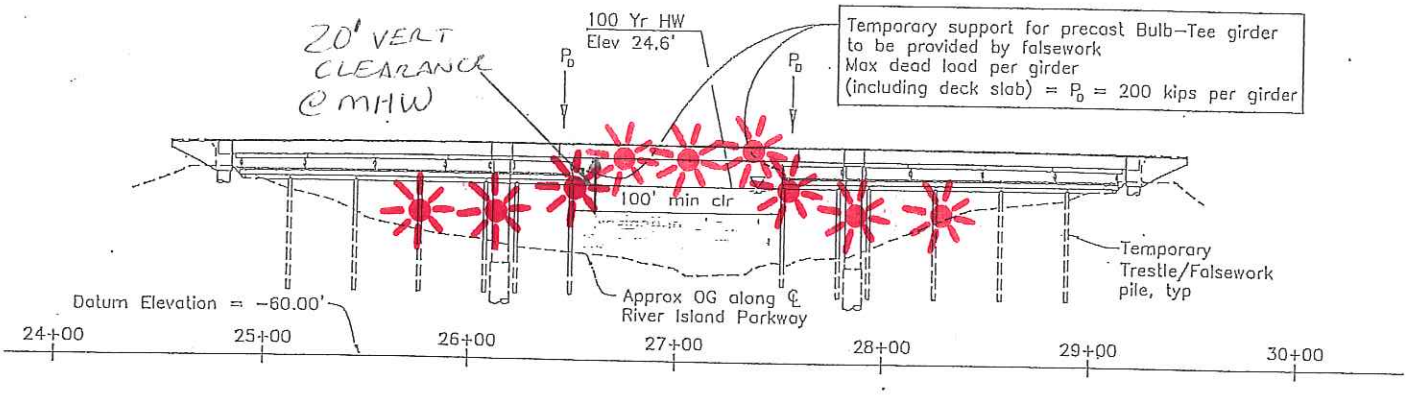
USCG D11(dpw) Bridge Administration
Building 50-2
Coast Guard Island
Alameda, CA 94501-5100
Cellular: (510) 219-4366, Work Phone: (510) 437-3516
Work Fax: (510) 437-5836

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

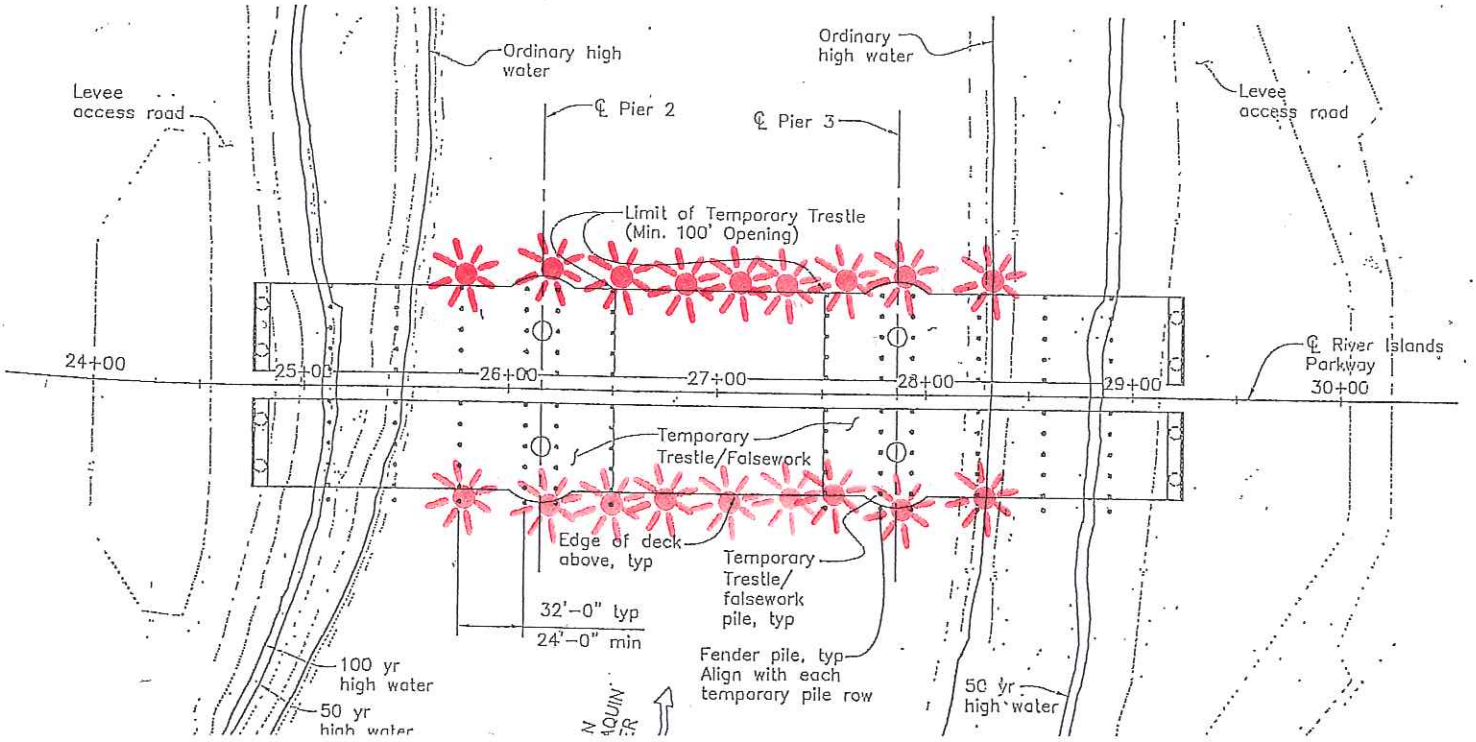
Temporary Trestle Lighting Diagram

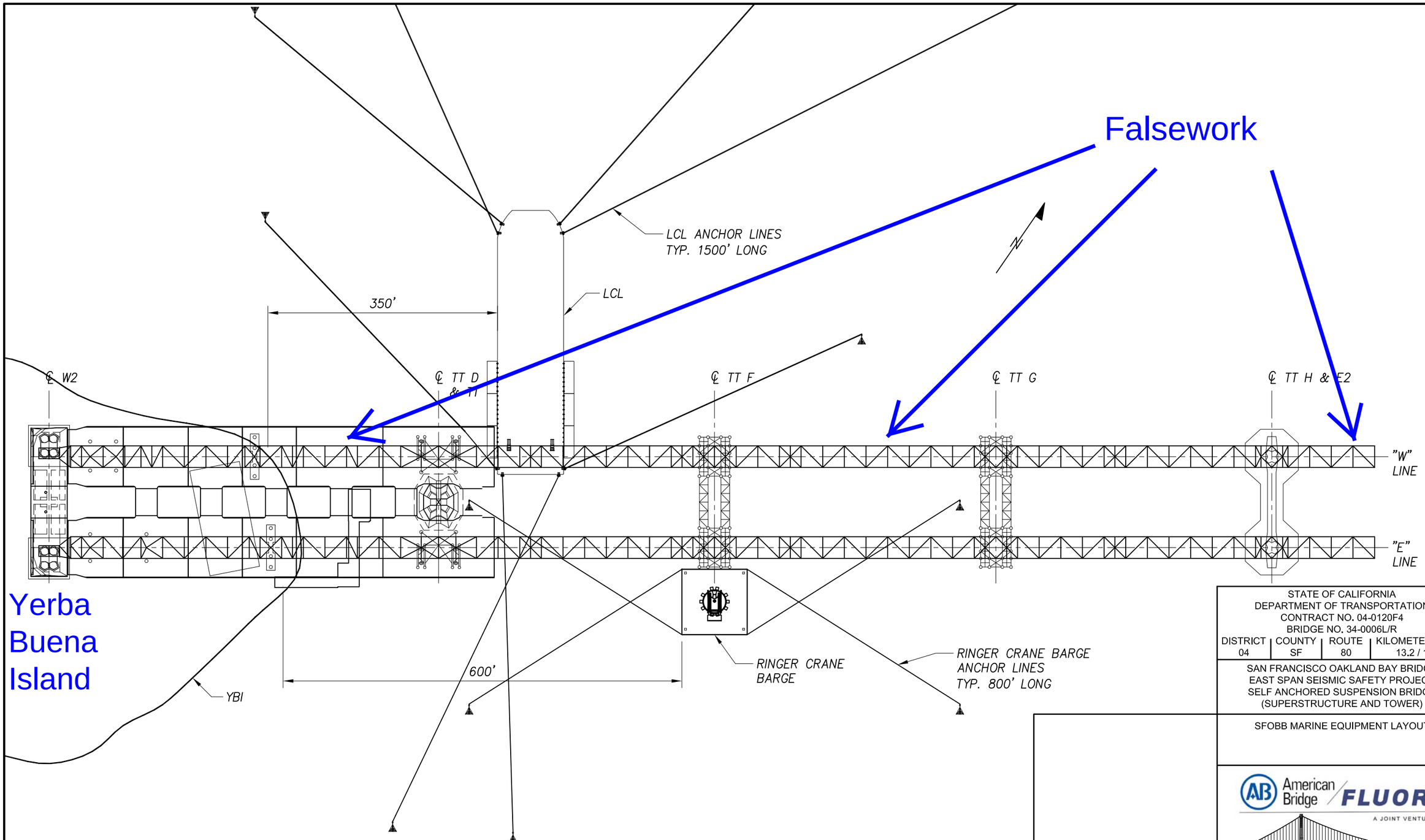
Bradshaw's Crossing Bridge
Mile 54.2, San Joaquin River

The upstream and downstream corners of the trestle, adjacent to the main navigation span, shall be lighted at night with steady burning red lights, visible at 2,000 yards by approaching vessels. All wet trestle columns shall be lighted at night with steady burning red lights, visible at 2,000 yards by approaching vessels. The lights on the columns shall be mounted at least 1 feet above the 100 year flood mark. Steady burning red lights, visible at 2,000 yards by approaching vessels, shall be placed upstream and downstream on the over-the-channel falsework and shall be spaced every 25 feet.



TEMPORARY TRESTLE / FALSEWORK
1"=40'-0"





STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CONTRACT NO. 04-0120F4
BRIDGE NO. 34-0006L/R

DISTRICT	COUNTY	ROUTE	KILOMETER POST
04	SF	80	13.2 / 13.9

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE AND TOWER)

SFOBB MARINE EQUIPMENT LAYOUT

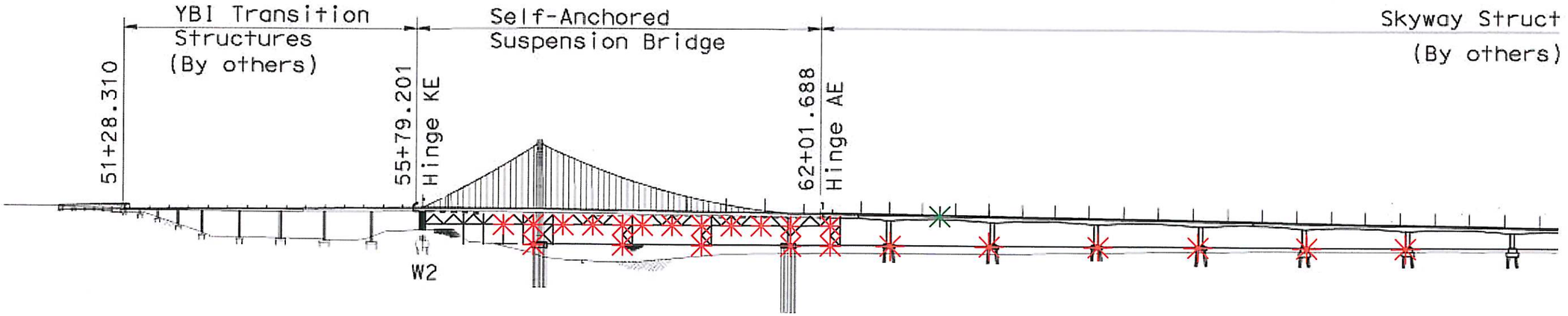
American Bridge / FLUOR
A JOINT VENTURE

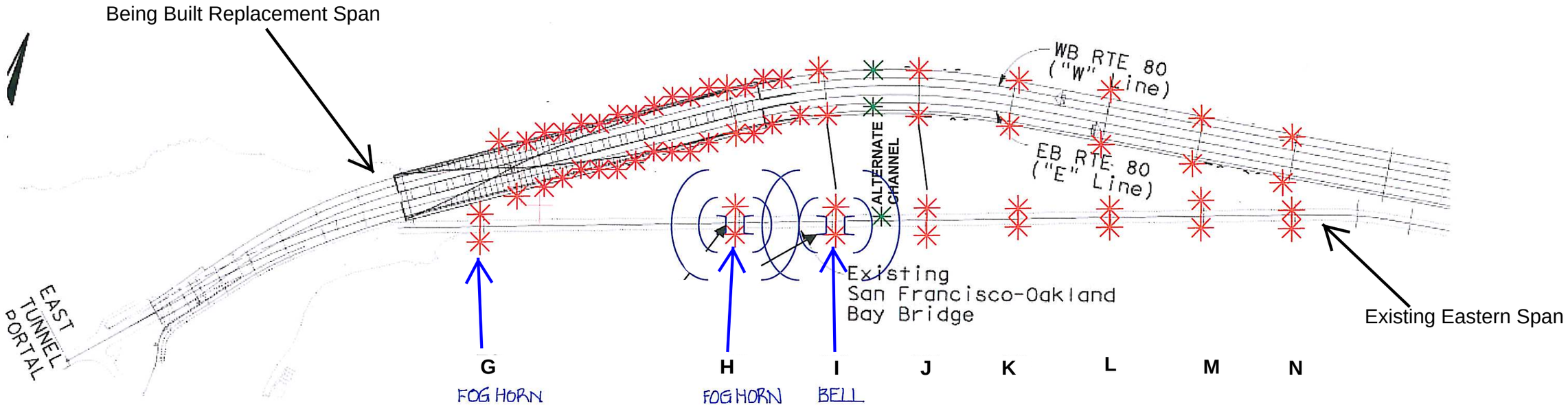
REV	DATE	BY	DESCRIPTION
6			
5			
4			
3			
2			
1			

Made By: K. QUILLIN Date: April 22, 2010
Checked By: Date:
In Charge Of: B. PETERSEN

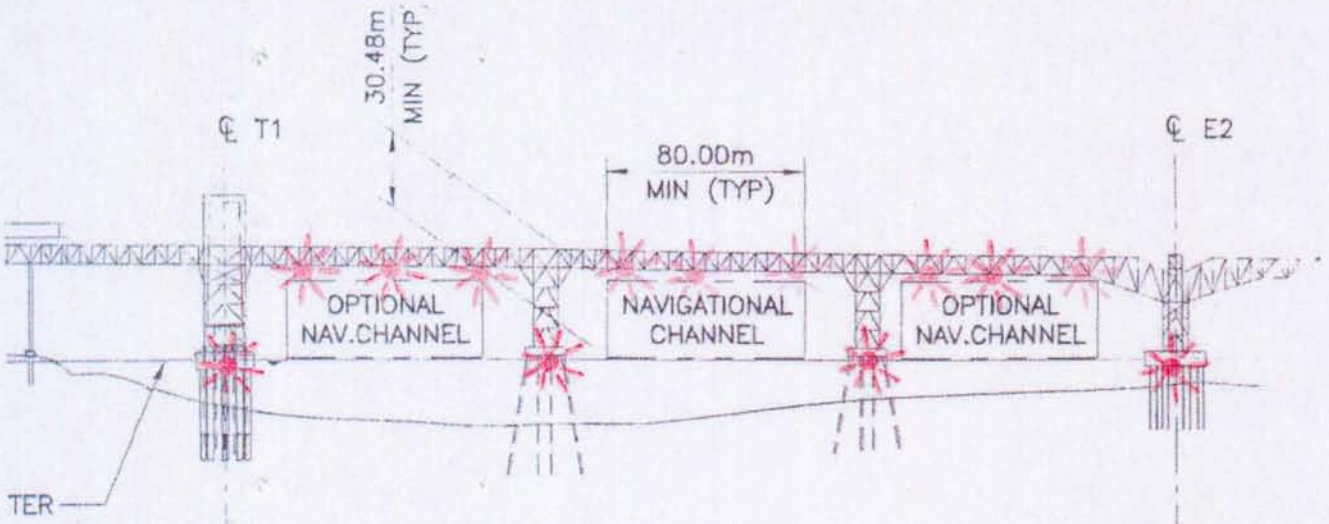
Job No.	Sheet No.
660110	1
Scale: NTS	Revision: 0

CONSTRUCTION NAVIGATION WARNING SYSTEM

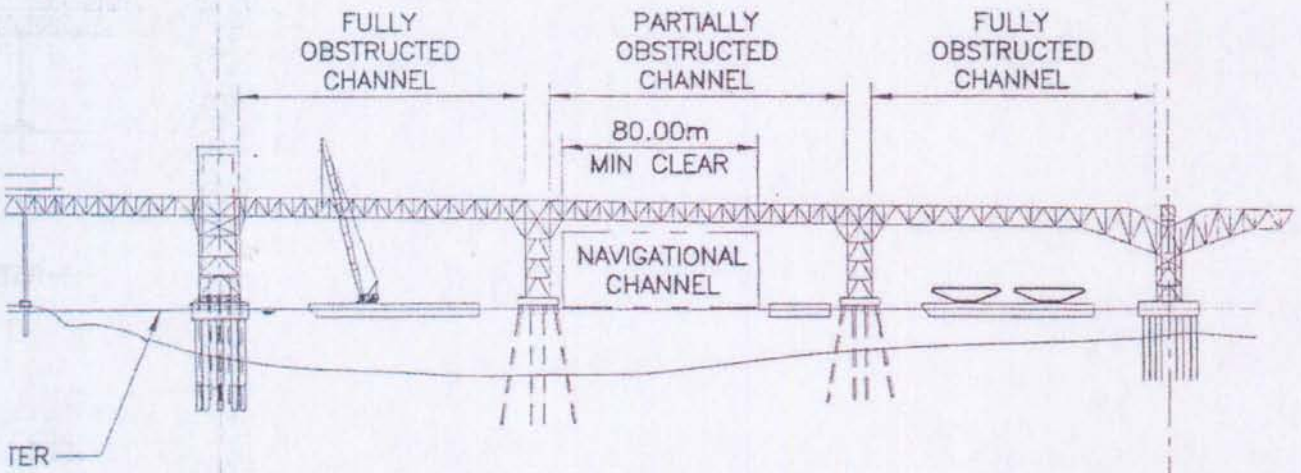




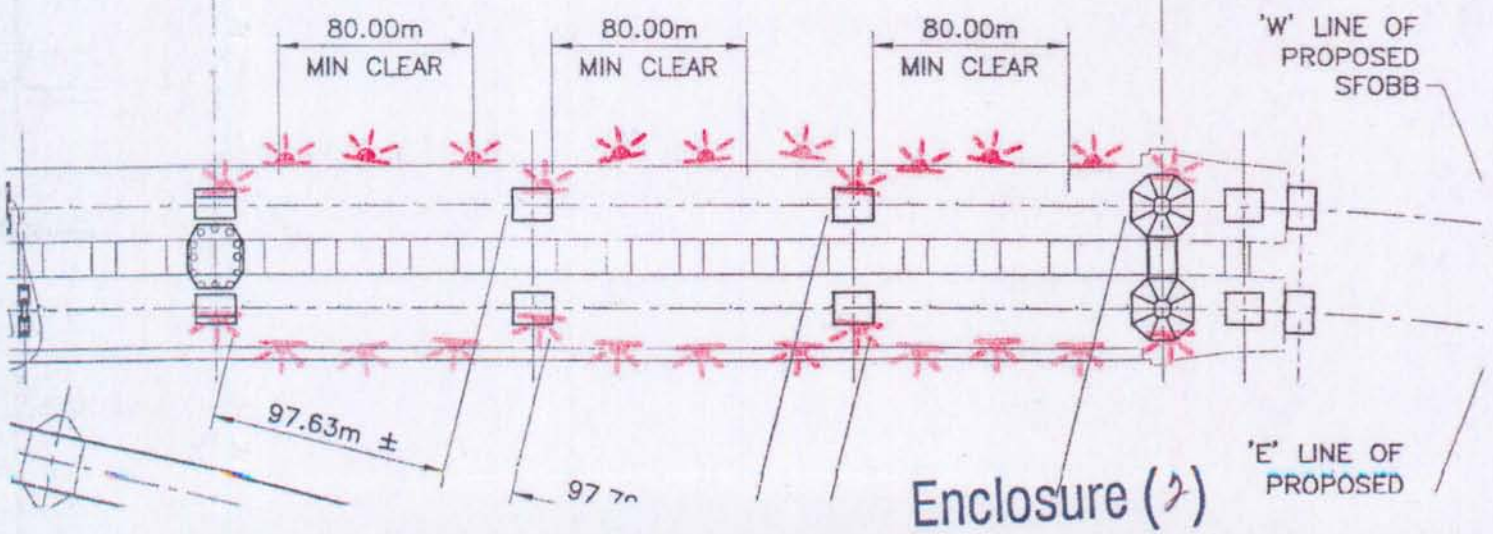
RECEIVED 04/21/10



ELEVATION



ELEVATION



Enclosure (2)

NOTIFICATION OF VESSEL OPERATIONS

Date: May 29, 2012

To: **U.S. Coast Guard, Marine Safety Group**
Attn: **BM2 Guy Langman**
1001 Seaside Ave., Bldg 20
San Pedro, CA 90731
(310) 521-3867

From: **LA Deepening Constructors**
772 Tuna Street
San Pedro, CA 9023
(310) 521-1300 Phone
(310) 833-5657 Fax

COMMENTS:

The tugboat Jeffery M and scows Gulfport and Freeport will continue transporting Surcharge material from Southwest Slip to CSWH today. The tugboat Jeffery M will tow hopper barges from Southwest Slip to the CSWH Construction Zone frequently during this operation. The Jeffery M will work from 0600 hours to 1630 hours today.

The tugboat uses Channel 67 and monitors channels 66 & 16. See attached Figure 13 of Southwest Slip and Figure 6 of CSWH.

For questions, please call Randy Maddox at (206) 303-7186.

The following contacts may be called in case of emergency:

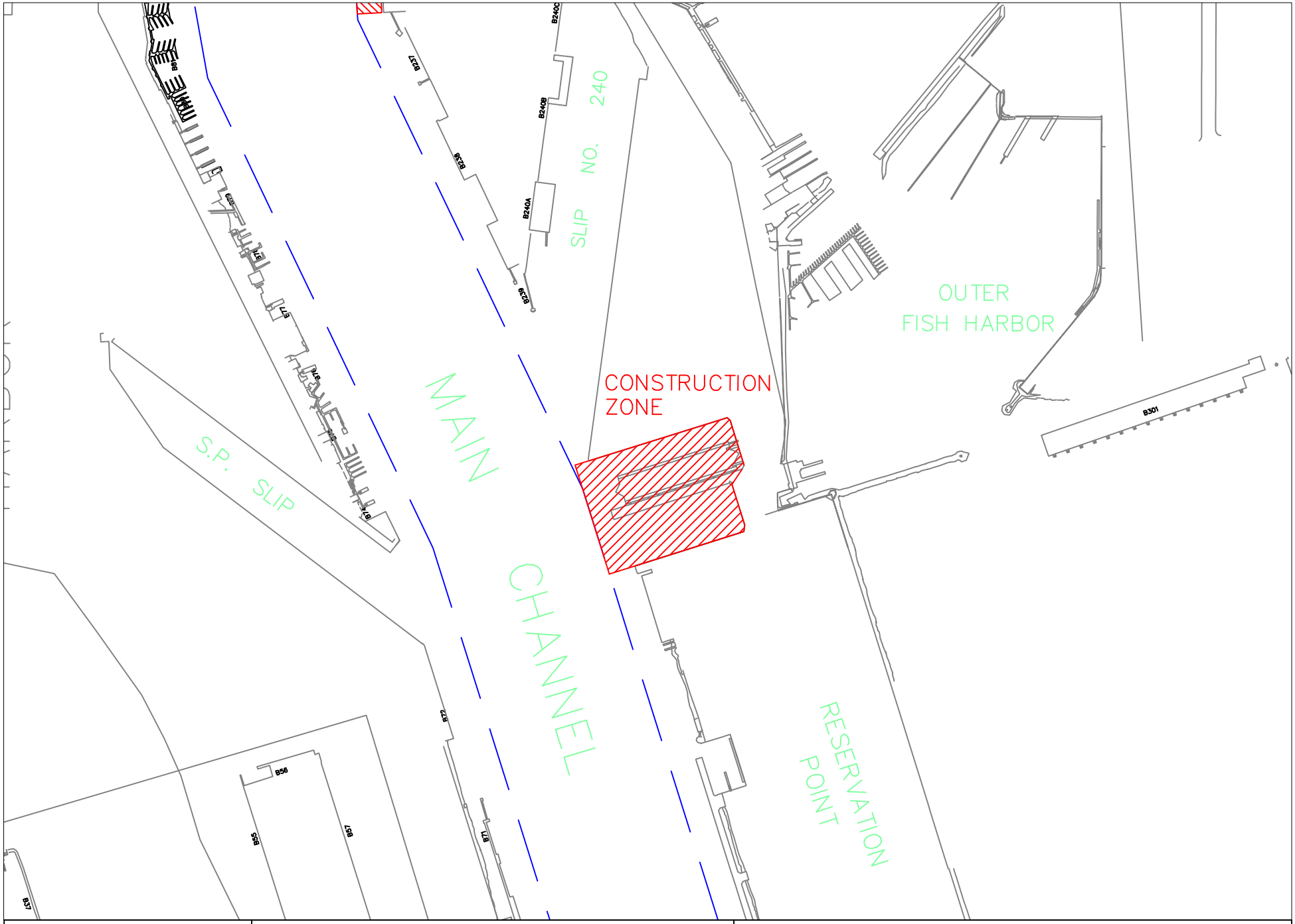
Randy Maddox,	Project Manager	(206) 303-7186
Drew Steverson,	Dredge Captain	(562) 762-5447
Jim Davis,	Project Engineer	(562) 822-1367

The DB Los Angeles will continue placing rock on the rock dike at Southwest Marine today.. The rig starts working at 0700 hrs and shuts down at 1530 hrs. The slip entrance is under construction at +11 MLLW. Use caution and keep a clear distance from the dike.

For questions, please call Ron Allard at (562) 577-0814

The following contacts may be called in case of emergency:

Ron Allard,	Project Superintendent	(562) 577-0814
Chanh Phan,	Project Engineer	(562) 577-0717
Kris Ahrens,	Field Engineer	(562) 577-0735



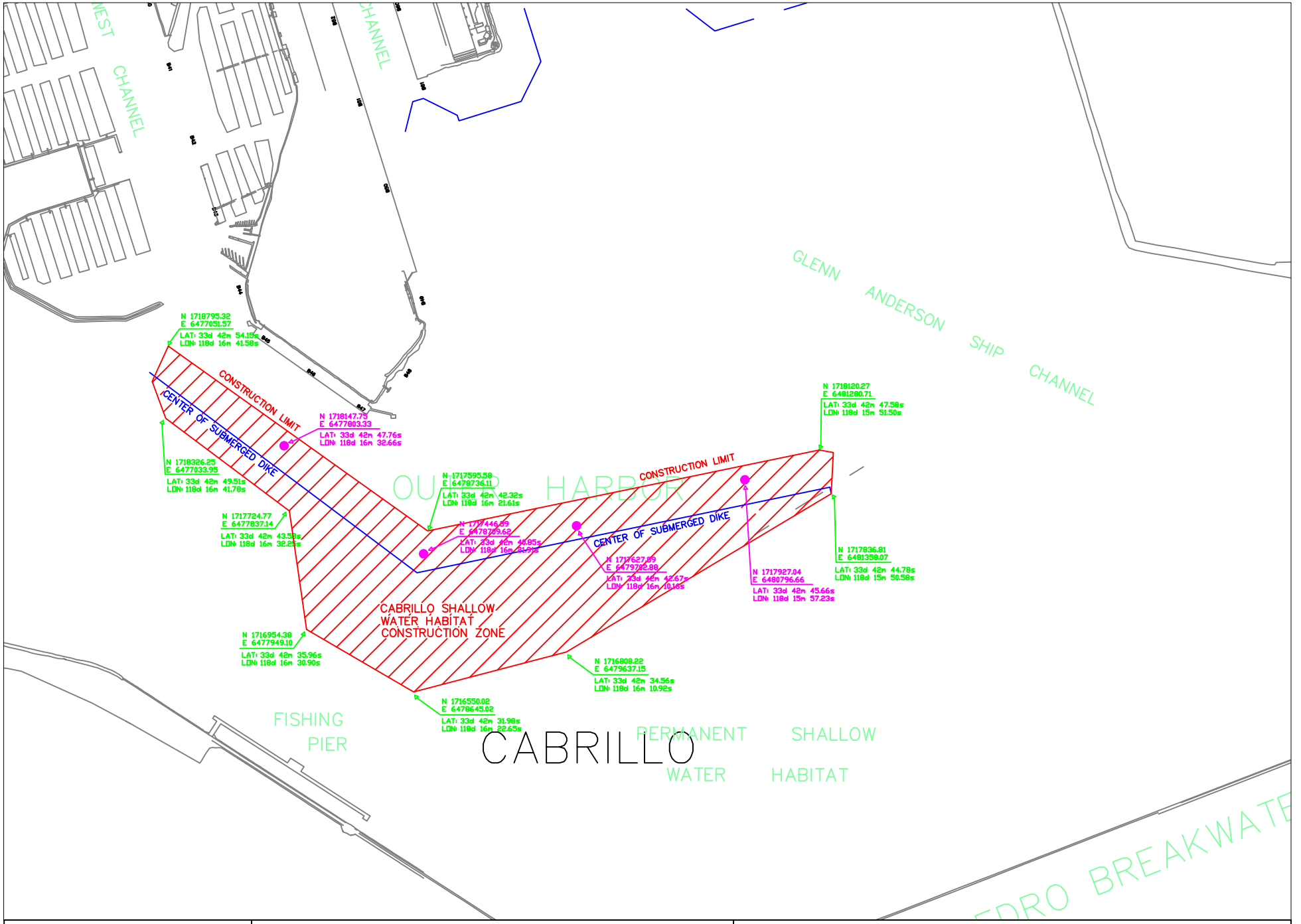
Location: Los Angeles, CA
Sheet: 1 of 1
Prepared By: Kris Ahrens

Figure 3:
Southwest Marine Construction Zone

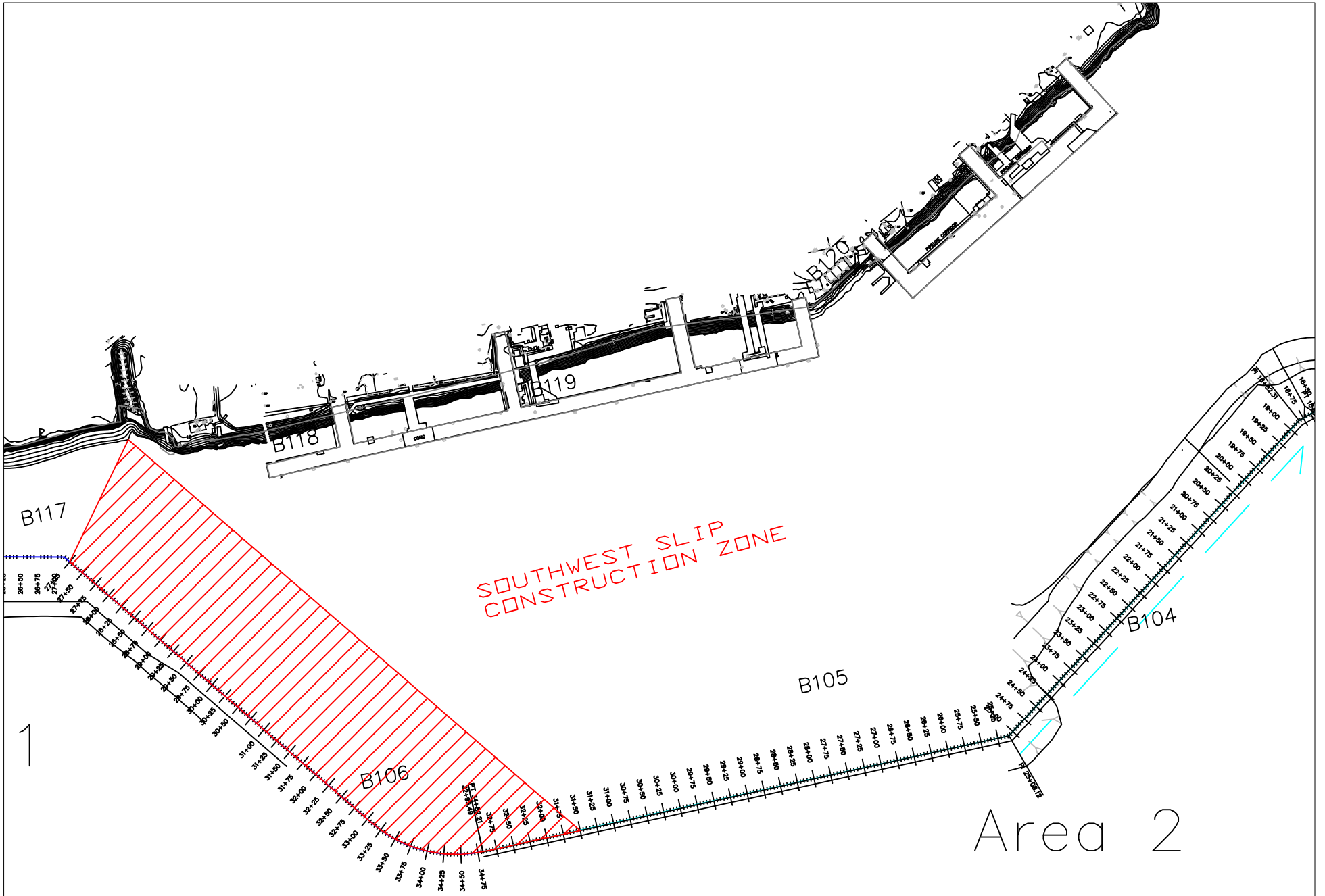
LA DEEPENING CONSTRUCTORS, a JV

MANSON CONSTRUCTION CO.

772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.821.1300 FAX: 310.833.5657



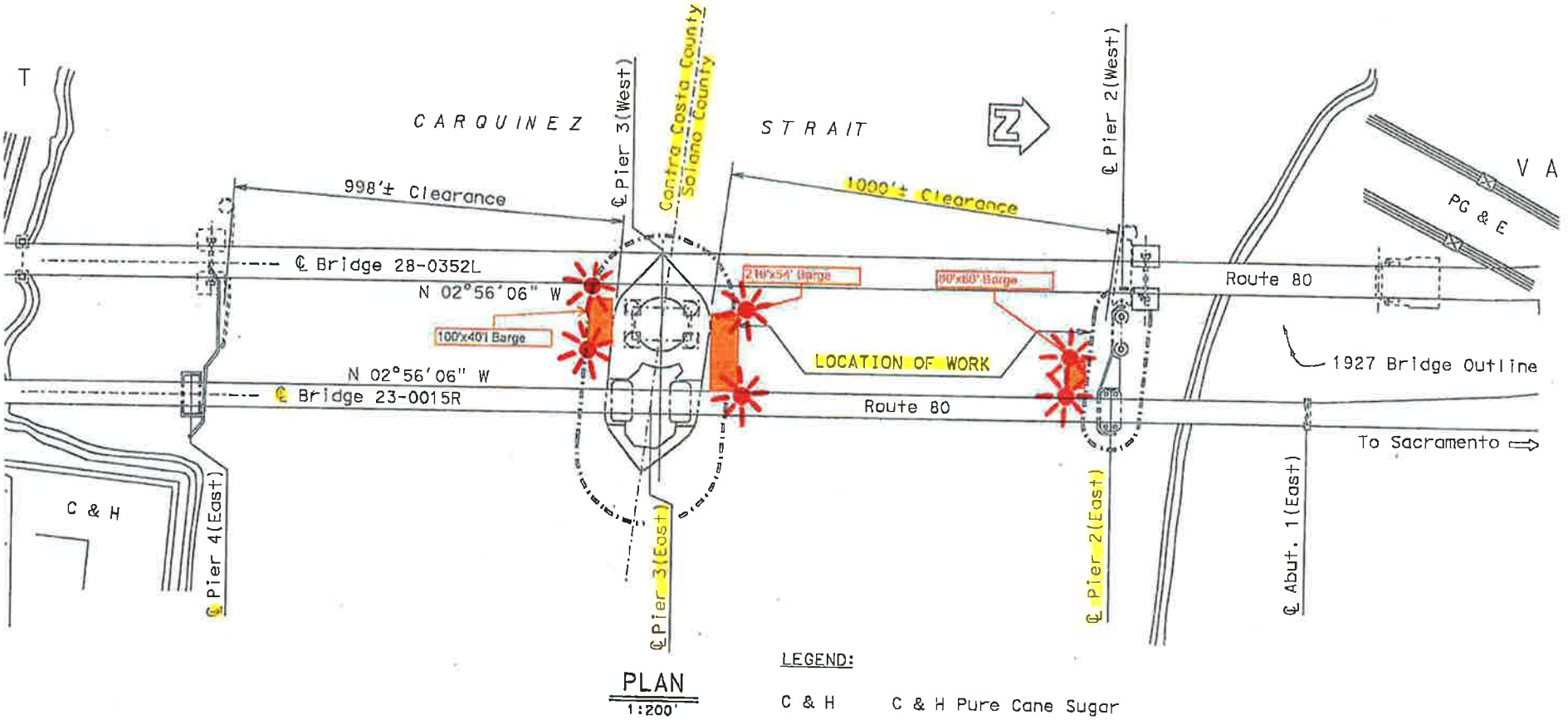
Location: Los Angeles, CA Sheet: 1 of 1 Prepared By: Kris Ahrens	Figure 6: Cabrillo Shallow Water Habitat	LA DEEPENING CONSTRUCTORS, a JV MANSON CONSTRUCTION CO. 772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.821.1300 FAX: 310.833.5657



Location: Los Angeles, CA Sheet: 1 of 1 Prepared By: Kris Ahrens	Figure 13: Southwest Slip Construction Zone	LA DEEPENING CONSTRUCTORS, a JV MANSON CONSTRUCTION CO. 772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.821.1300 FAX: 310.833.5657

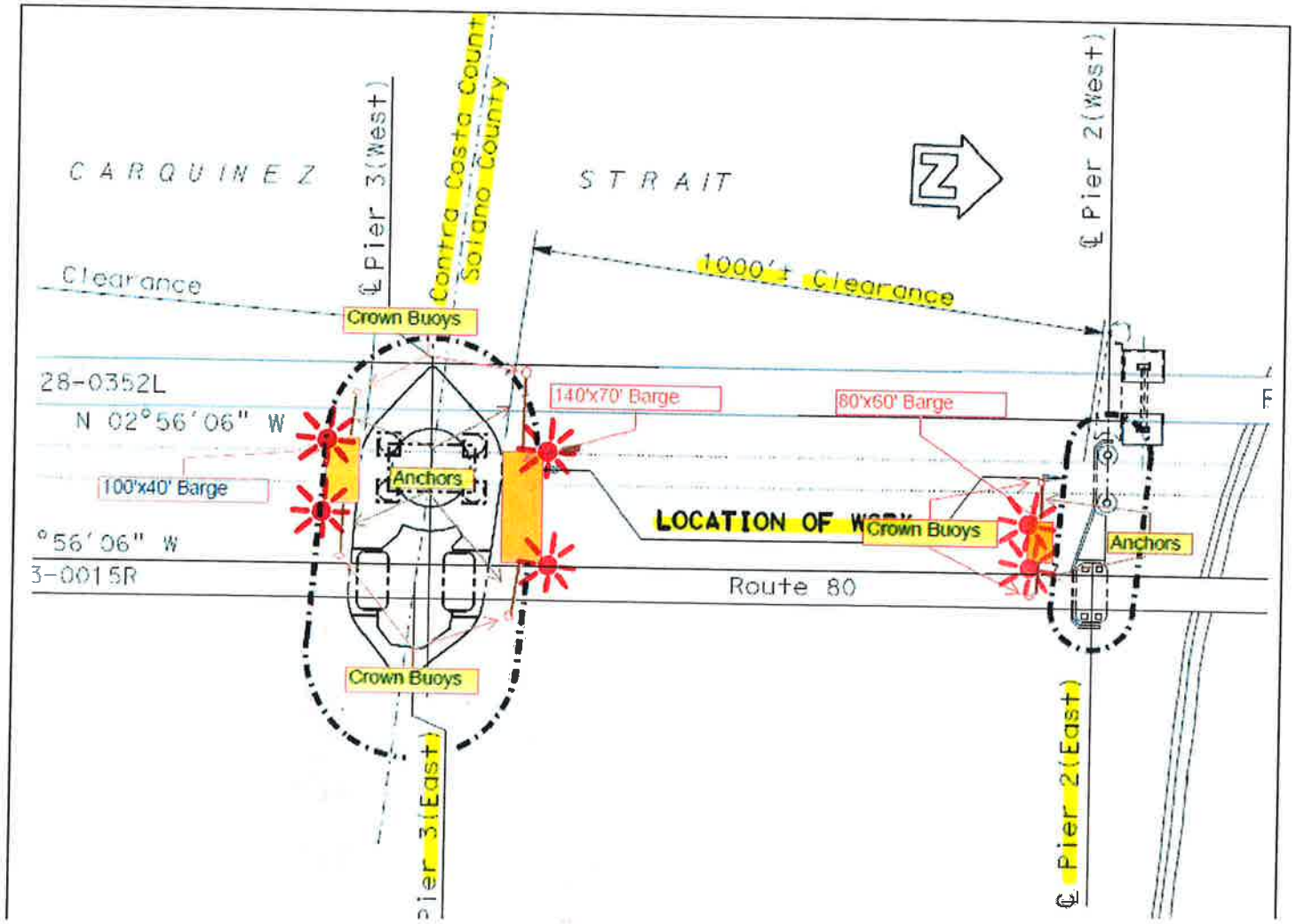
BARGE LIGHTING DIAGRAM
Fender Replacement Project
I-80 Hwy Bridge, mile 0.2, Carquinez Strait

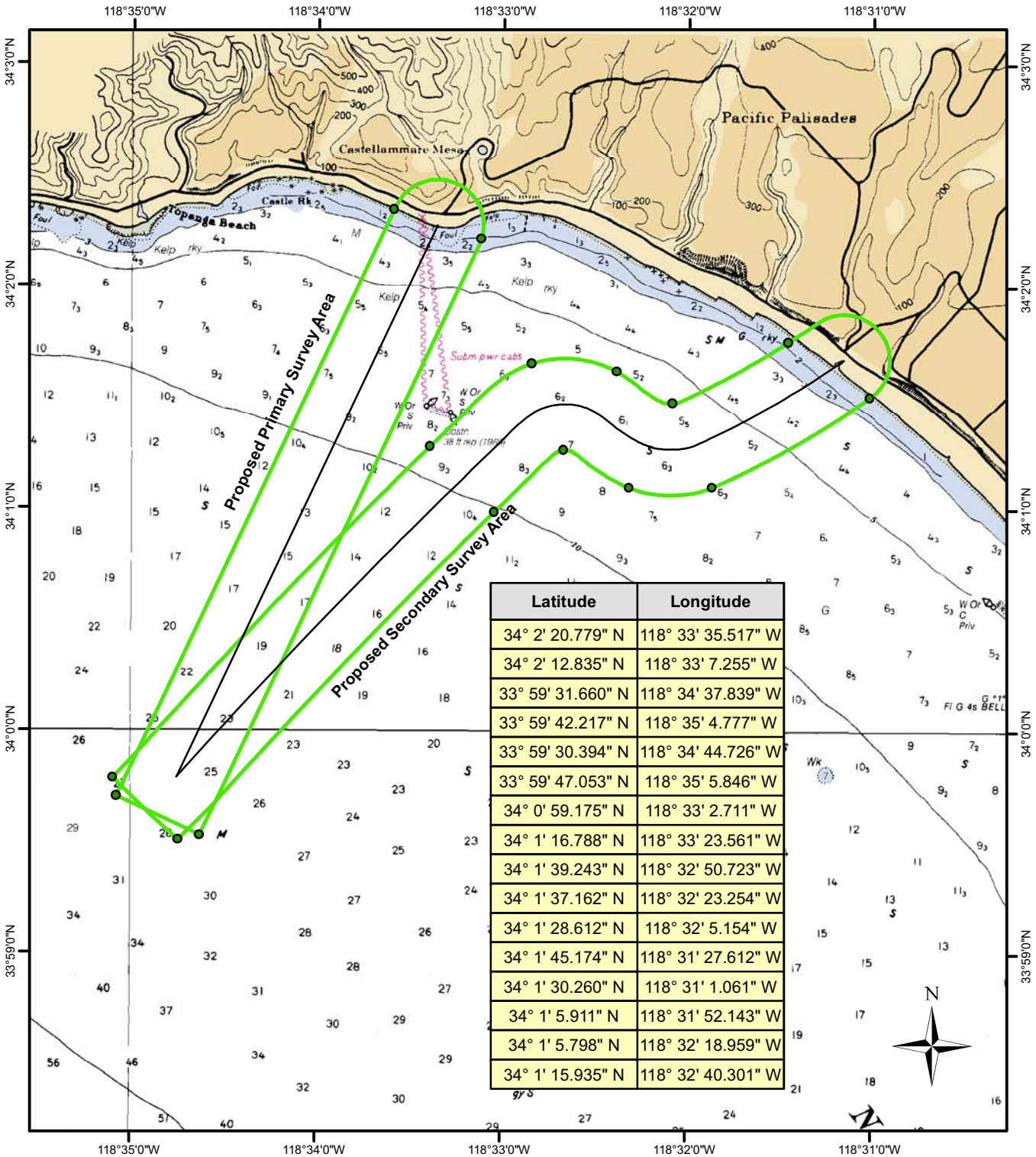
The channel-ward corners of each barge shall be lighted at night with steady burning red lights, visible at 2,000 yards by approaching vessels.



Barge Anchoring Plan
I-80 Highway Bridge Fender Rehabilitation Project

Barges may be anchored during work. Each anchor line projects east and west for 100 feet from the barges, parallel to the fenders. Each anchor is marked with a anchor (crown) buoy, lighted at night with a steady burning all-round white light seen at 2000 yards by approaching vessels.



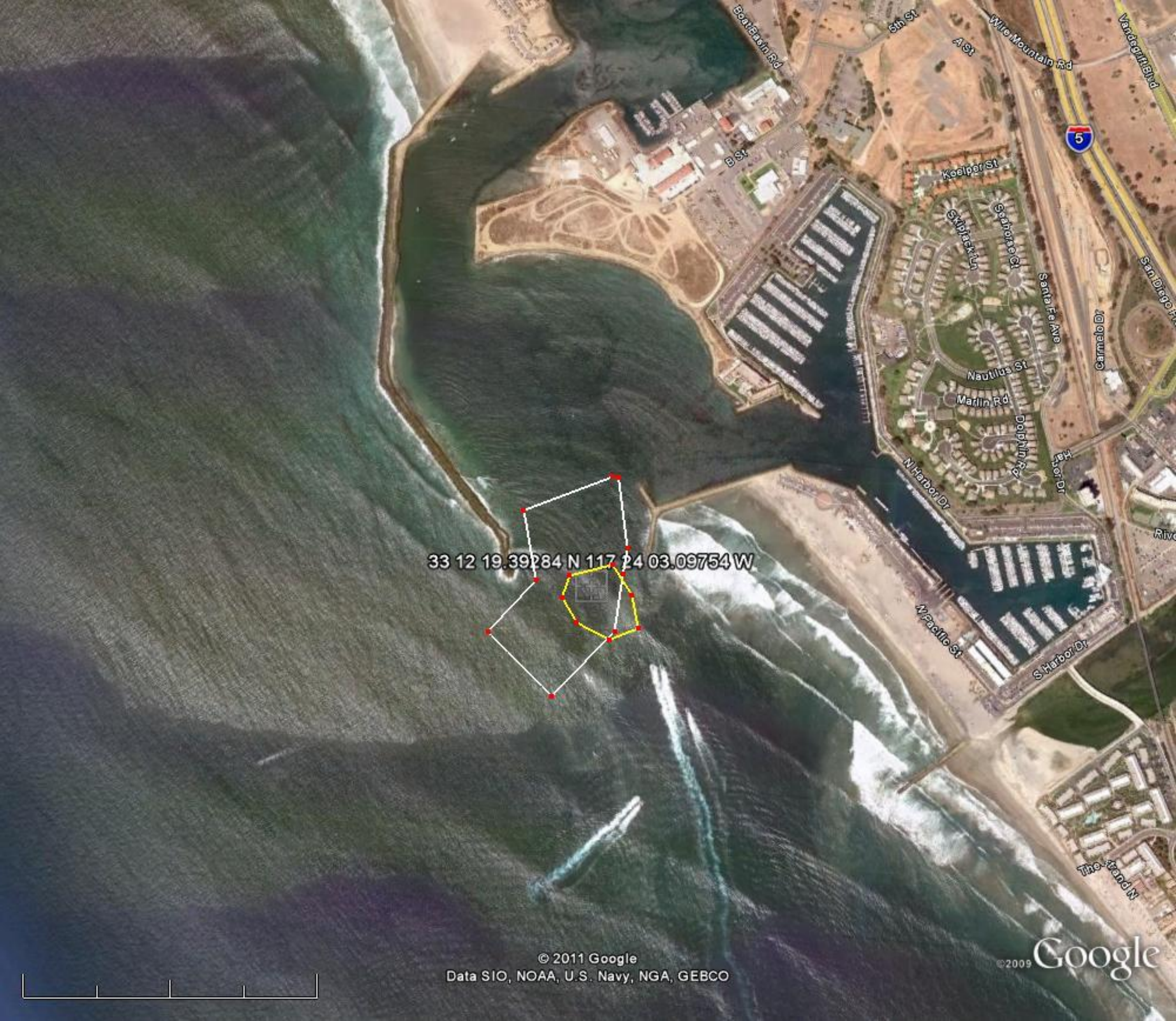


Latitude	Longitude
34° 2' 20.779" N	118° 33' 35.517" W
34° 2' 12.835" N	118° 33' 7.255" W
33° 59' 31.660" N	118° 34' 37.839" W
33° 59' 42.217" N	118° 35' 4.777" W
33° 59' 30.394" N	118° 34' 44.726" W
33° 59' 47.053" N	118° 35' 5.846" W
34° 0' 59.175" N	118° 33' 2.711" W
34° 1' 16.788" N	118° 33' 23.561" W
34° 1' 39.243" N	118° 32' 50.723" W
34° 1' 37.162" N	118° 32' 23.254" W
34° 1' 28.612" N	118° 32' 5.154" W
34° 1' 45.174" N	118° 31' 27.612" W
34° 1' 30.260" N	118° 31' 1.061" W
34° 1' 5.911" N	118° 31' 52.143" W
34° 1' 5.798" N	118° 32' 18.959" W
34° 1' 15.935" N	118° 32' 40.301" W

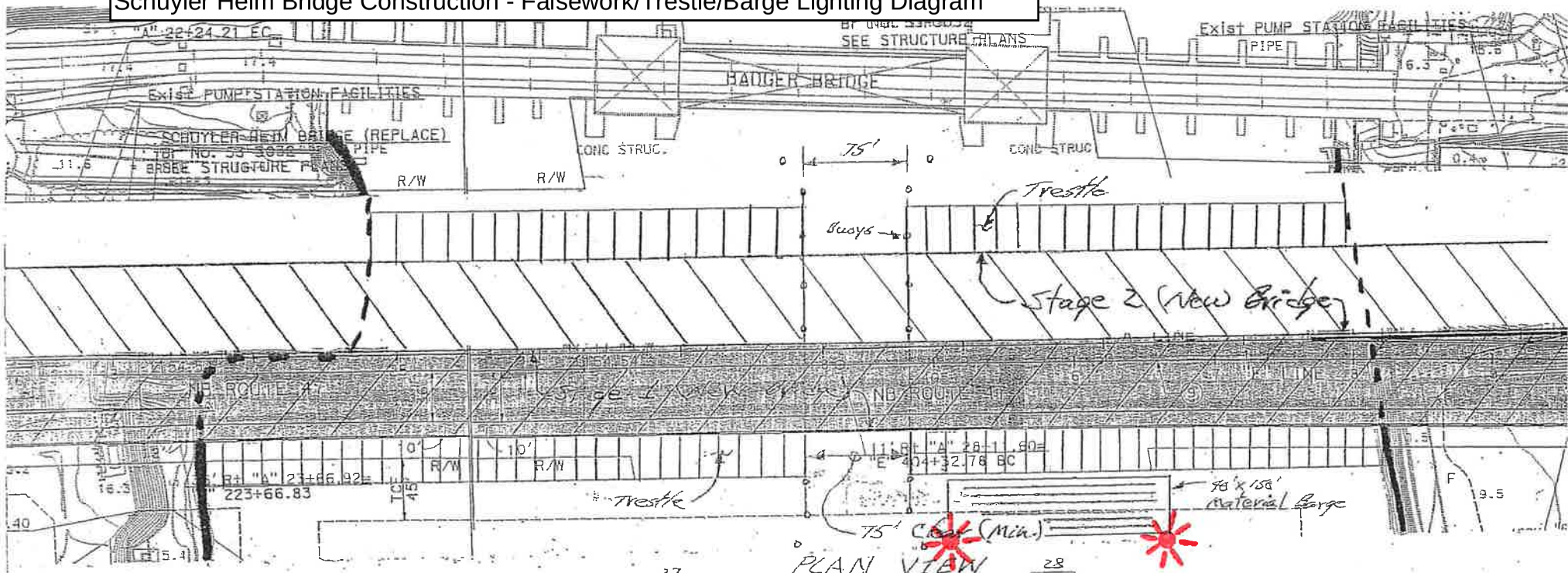
NOAA NAUTICAL CHART 18744 WITH PROPOSED SURVEY AREA

Seafloor Mapping Geophysical Survey Notice

Offshore Santa Monica, California

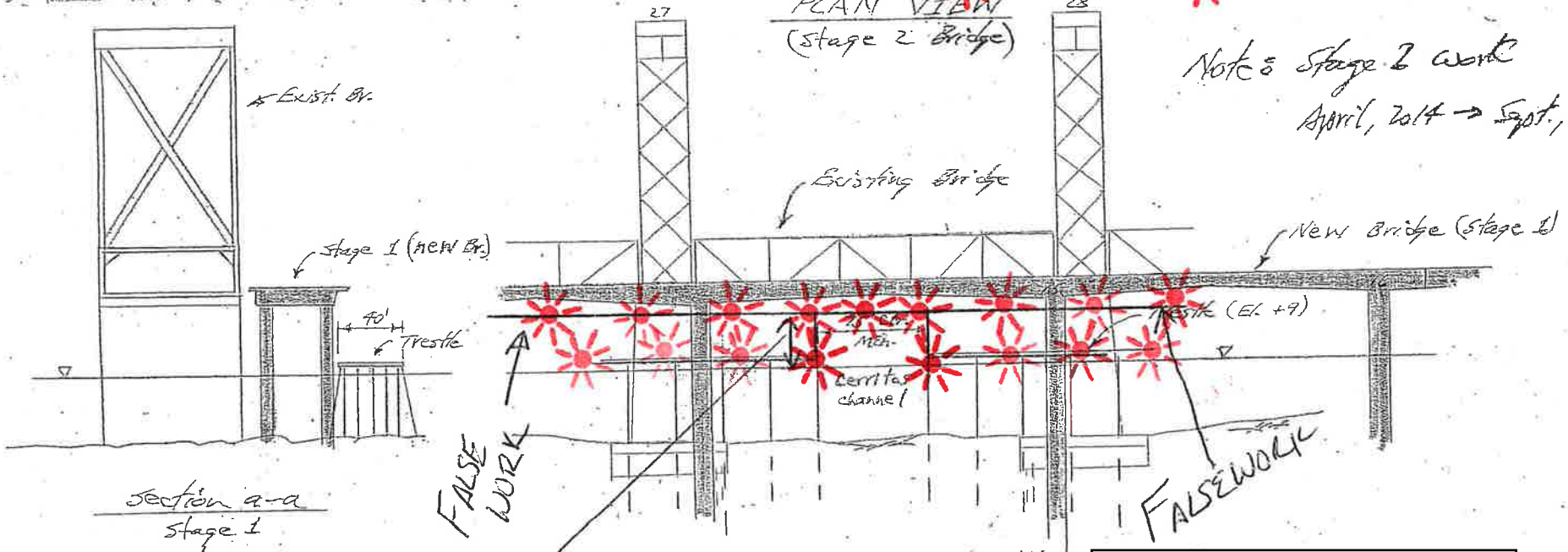

33 12 19.39284 N 117 24 03.09754 W
Boat Basin Rd
B St
5th St
A St
Wire Mountain Rd
Vandegrift Blvd
5
Koelper St
Skipjack Ln
Seahorse Ct
Santa Fe Ave
Nautilus St
Marlin Rd
Dolphin Rd
Carmelo Dr
San Diego
N Harbor Dr
N Pacific St
S Harbor Dr
The Strand N
© 2011 Google
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
©2009 Google

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

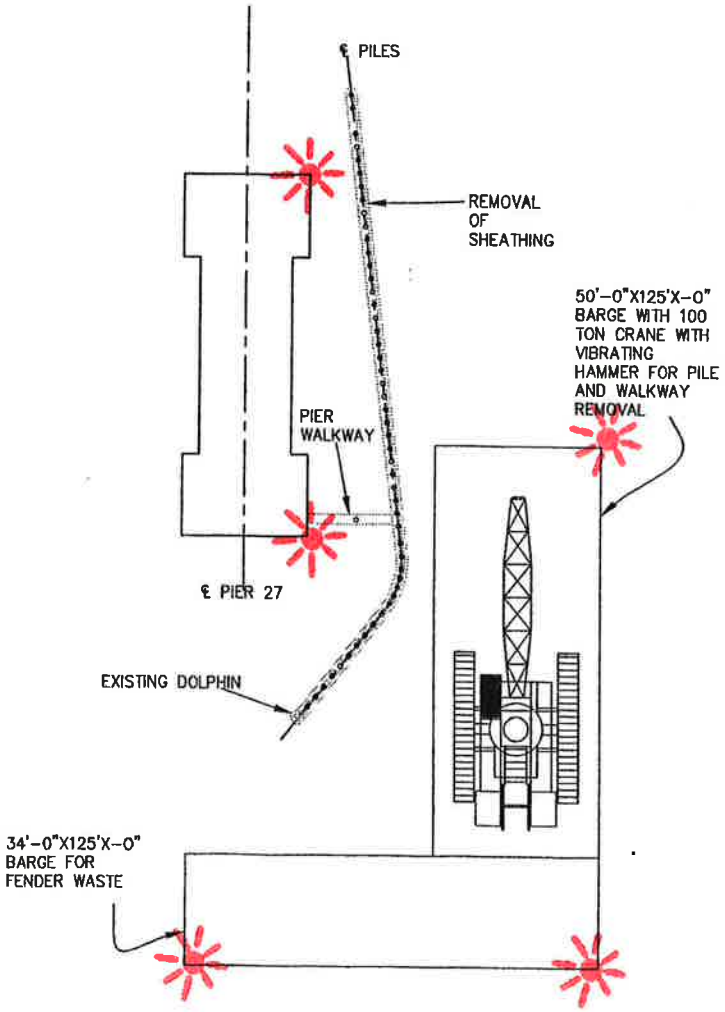
43' VERTICAL CLEARANCE
@ MEAN HIGH WATER

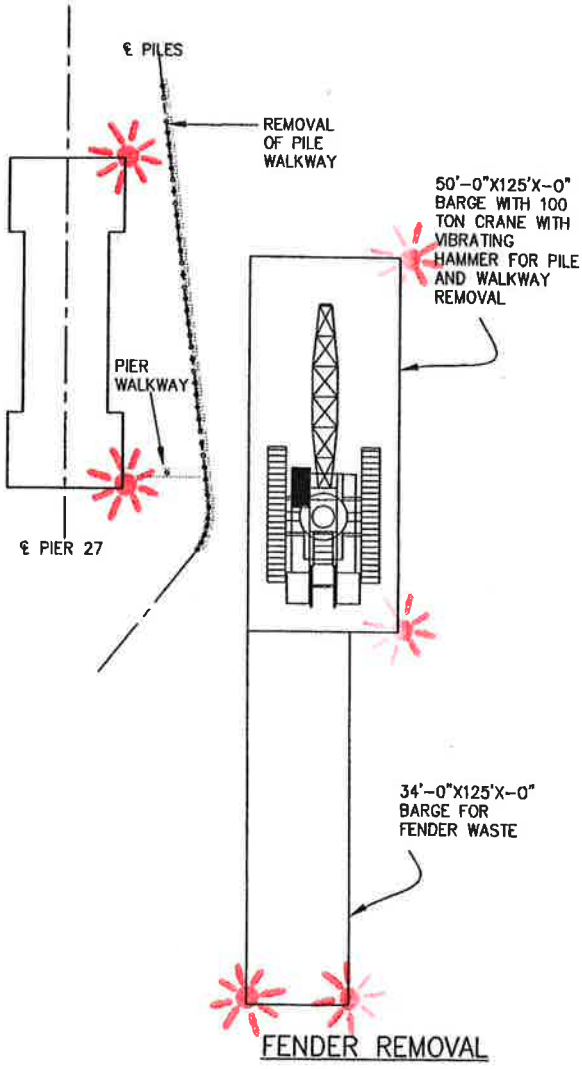
Each outboard corner of the moored barge shall be lighted at night with steady burning all round red lights.

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.





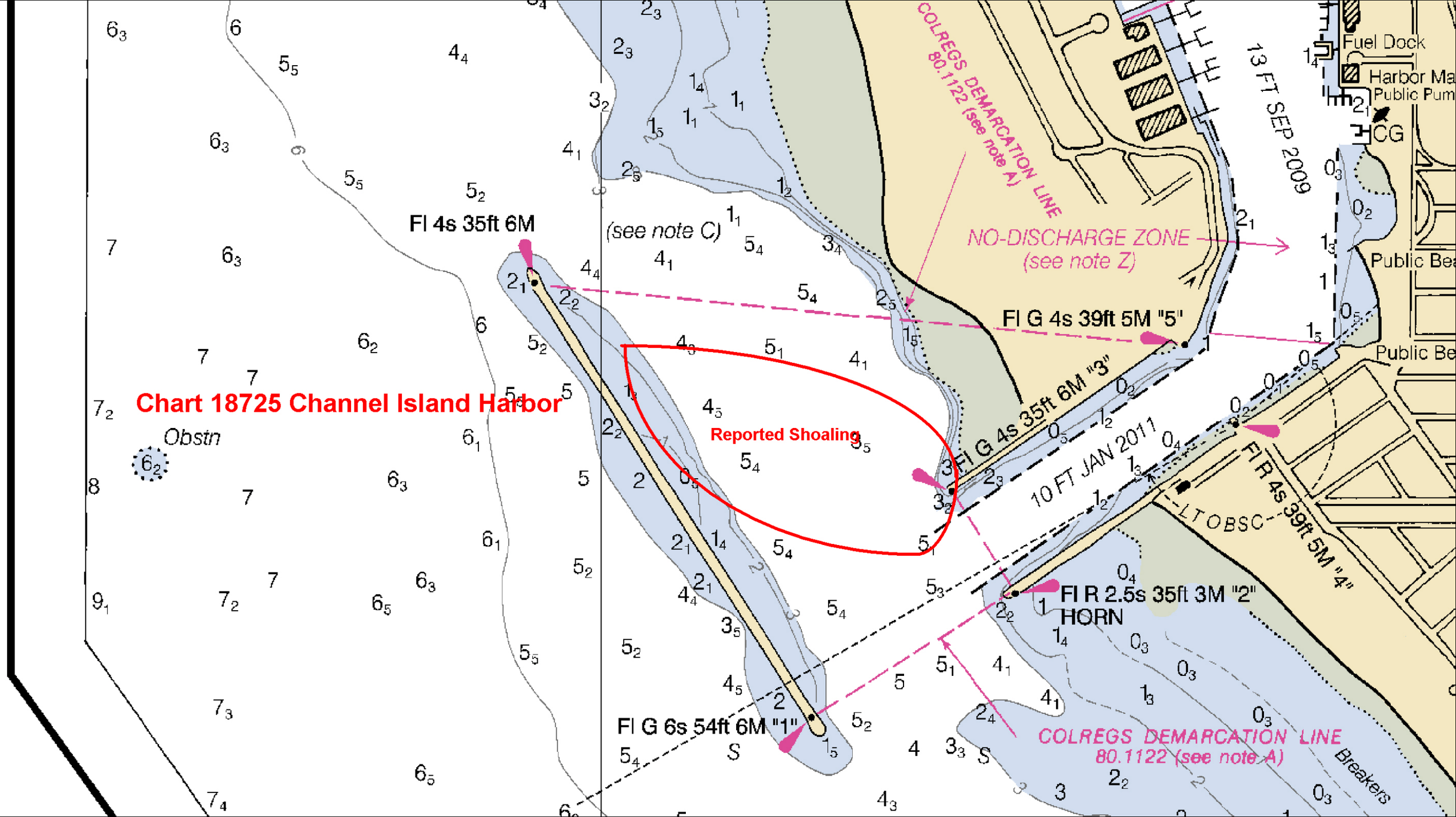
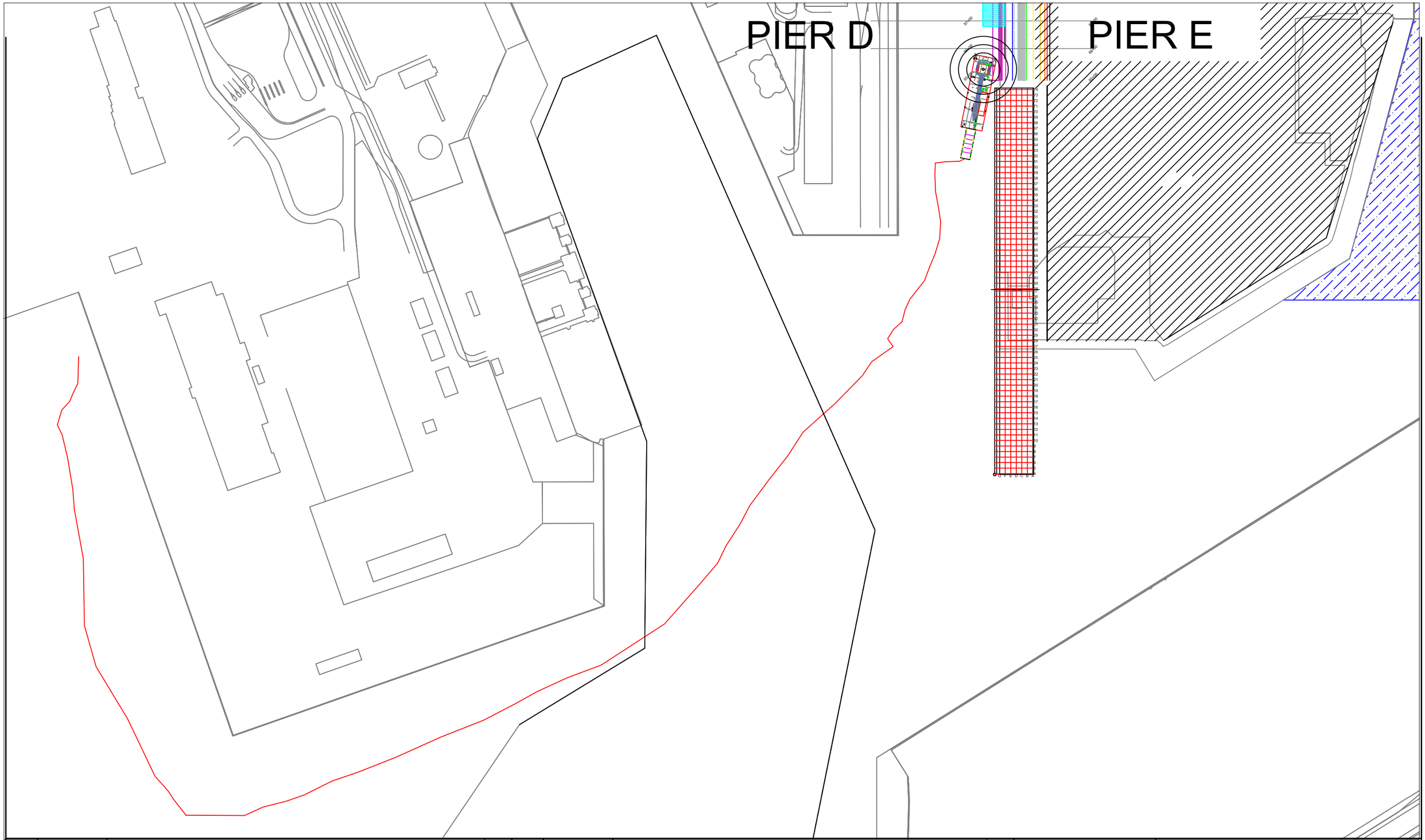


Chart 18725 Channel Island Harbor
Fl 4s 35ft 6M
(see note C)
Obstn
Reported Shoaling
Fl G 4s 39ft 5M "5"
Fl G 4s 35ft 6M "3"
Fl R 2.5s 35ft 3M "2"
HORN
Fl R 4s 39ft 5M "4"
Fl G 6s 54ft 6M "1"
LT OBSC
NO-DISCHARGE ZONE
(see note Z)
COLREGS DEMARCATION LINE
80.1122 (see note A)
COLREGS DEMARCATION LINE
80.1122 (see note A)
10 FT JAN 2011
13 FT SEP 2009
Fuel Dock
Harbor Ma
Public Pum
CG
Public Bea
Public Be
Breakers



NO.	DATE	NOTES -	BY:	NO.	DATE	REVISIONS -	BY:

SCALE: NTS
DRAWN: MAL
DATE: 04/24/12
JOB NO.:
Contract No.:

Middle Harbor PH II

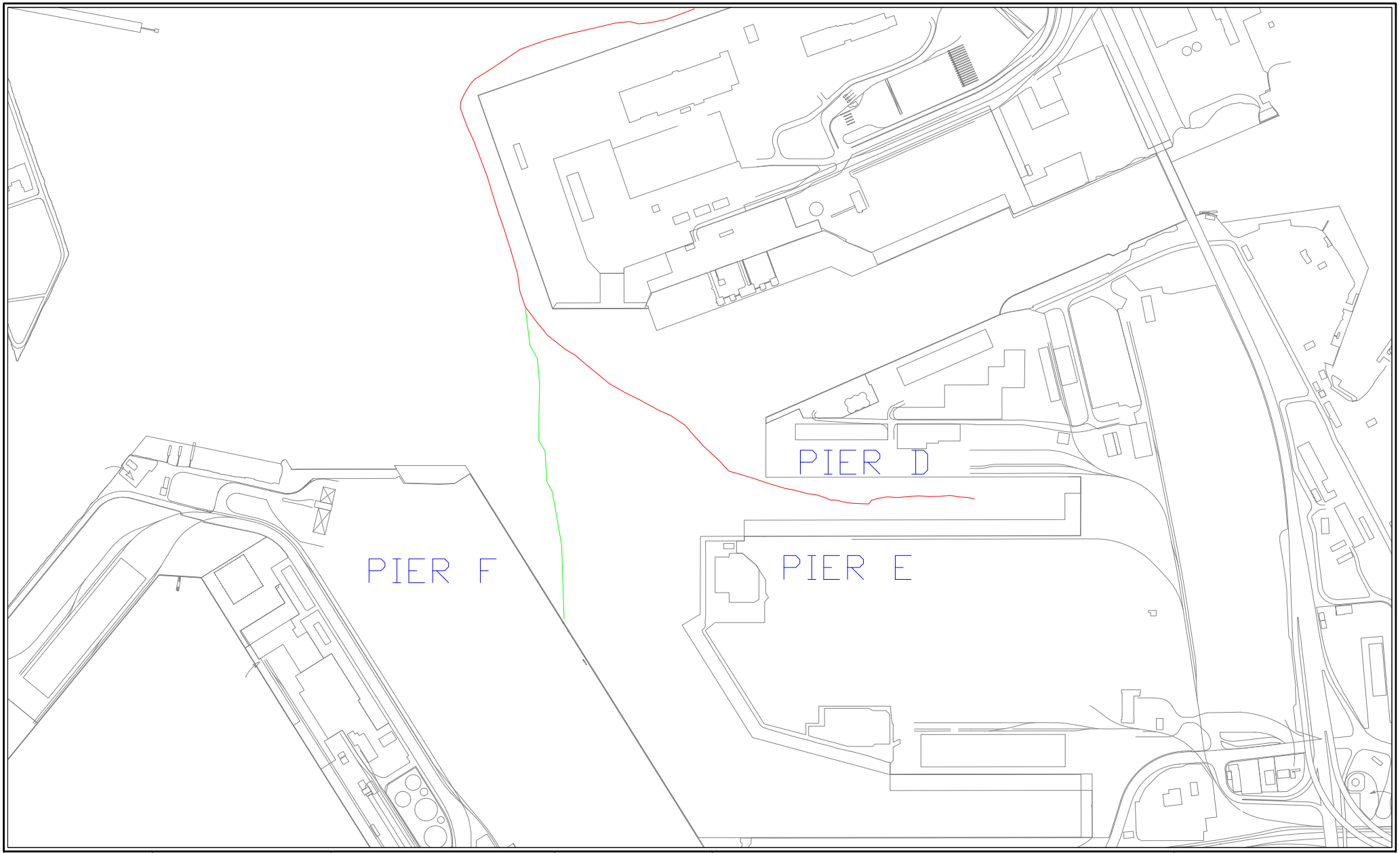
Valhalla Power Cable Layout

MANSON CONSTRUCTION CO.

Drawing Number

P-1

SAN PABLO BAY
SOUNDINGS IN FEET
18654



Sheet
1 of 1

GRAPHIC BAR SCALE
250' 0 250' 500'
ONE INCH = 250 FEET

Wharf/Backlands Redevelopment
LONG BEACH, CALIFORNIA

Valhalla Power Cable Layout May 3, 2012

Notes:
Surveyed By: BK
Survey Date: 05/01/12
Plot Date: 05/03/12
Drawn By: DDG
Checked By:
Drawing Name: Middle Harbor Power Cable.dwg

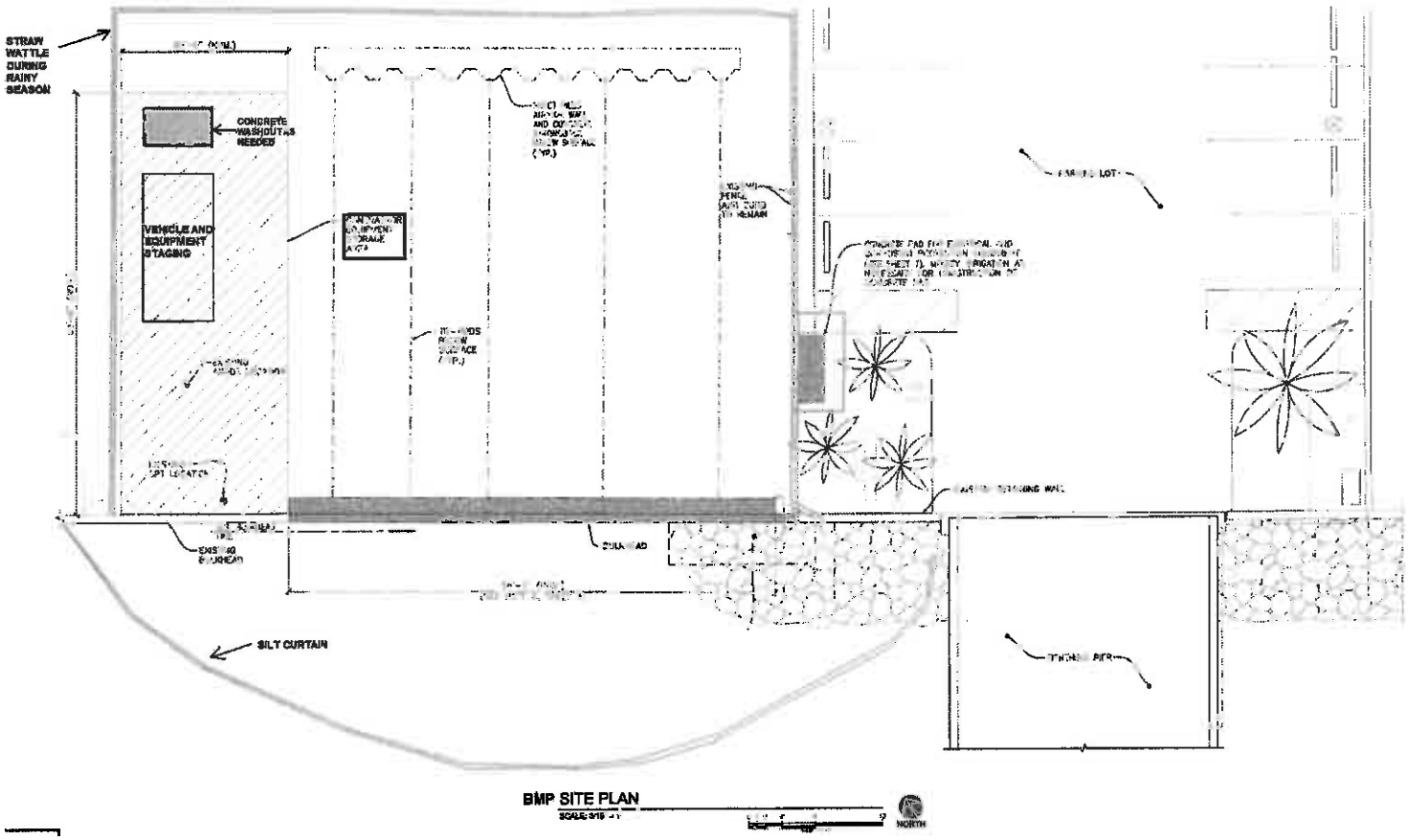
Equipment:

Datum:
Horizontal: State of California Zone 5 - 83 ft
Vertical: MLLW ft

Valhalla Power Cable Layout

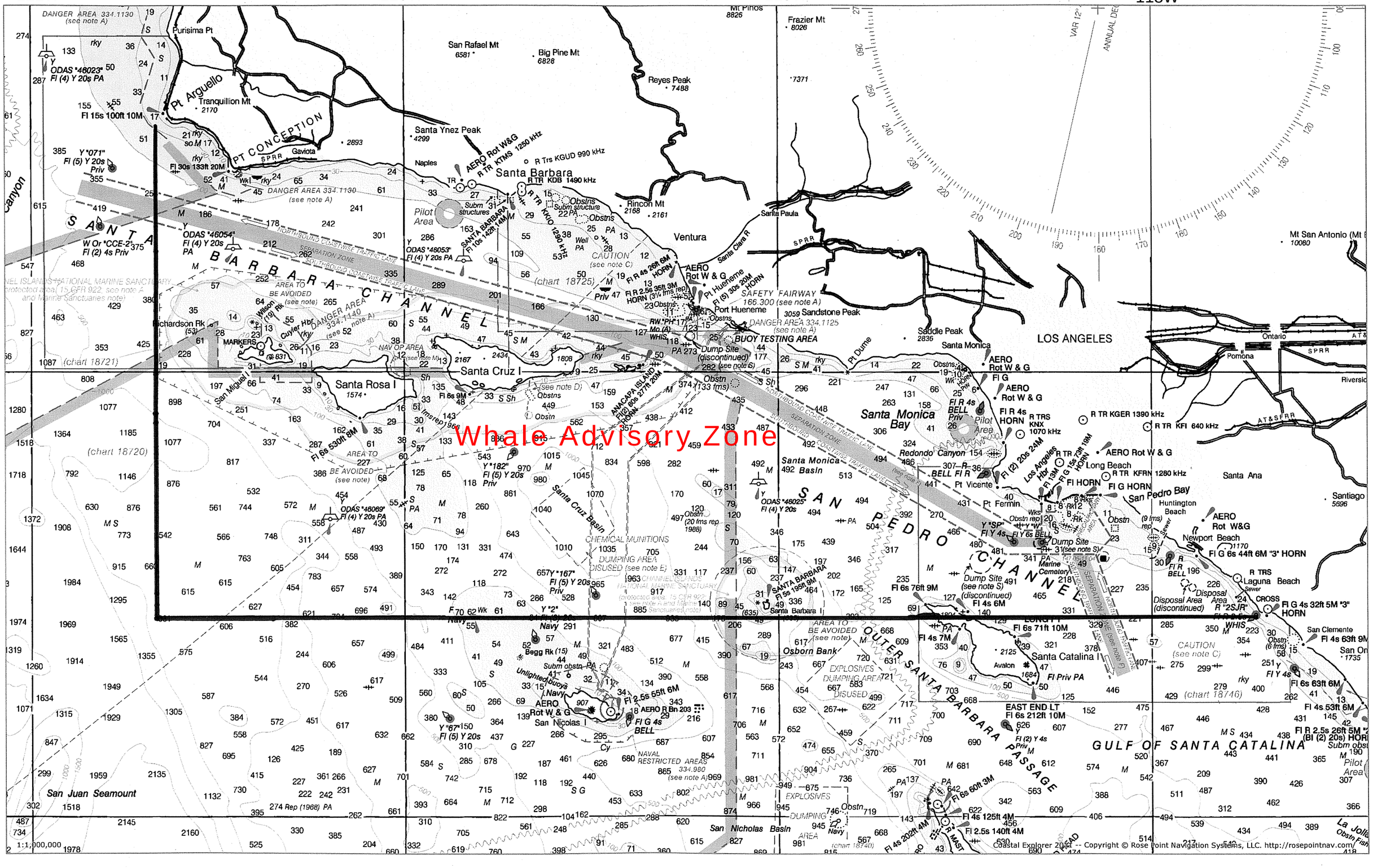
—— Approximate Location 5/4/12
—— Current Location 5/3/12

MANSON CONSTRUCTION CO.



BMP SITE PLAN

Charts 18720 & 18740 Whale Advisory Zone: Point Arguello to Dana Point



Publication - National Ocean Service - U.S. Coast Pilot 7, covers the rugged United States coast of California, Oregon and Washington, between Mexico on the south and Canada's British Columbia on the north. Coast Pilot 7 also includes Hawaii and other United States territories in the South Pacific., 2012 (44th) Edition.

Corrections

Chapter 9, Paragraph: 159, read:

The river is entered through a dredged channel between two partially submerged jetties; caution is advised. The river then leads S to a turning basin off the town of Florence, 4.4 miles above the entrance, thence E for about 2 miles to Cushman. A light, seasonal sound signal, and a Coast Guard tower are on the N jetty. The channel is marked by a **096°** lighted entrance range that favors the N side of the channel, and by other ranges and navigational aids to 1 mile above Florence. The uncharted buoys at the mouth of the river are frequently shifted to mark the best water. The bar at the entrance is narrow, and the depths vary greatly because of storms and freshets. The entrance and south jetty shoals tend to build during late winter and spring. Mariners are advised to contact **Siuslaw River Coast Guard Station** on VHF-FM channel 16 before attempting to cross the bar. A **Federal project** provides for an 18- to 16-foot depth in the entrance channel to the highway bridge at Florence; thence 16 feet in the turning basin; thence 12 feet to Cushman. (See Notice to Mariners and latest editions of the chart for controlling depths.)

(LL 2012)