U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 11 Week: 01/11

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 0927-10 to BNM 0006-11 has been incorporated in this notice if still significant.

ABBREVIATIONS

A through H

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

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 John D. Hinson at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For bridge related issues during normal working hours Monday through Friday, contact the Coast Guard Eleventh District Bridge Section, Coast Guard Island, Building 50-2, Alameda, CA 94501-5100, telephone: 510-437-3516 Office; 510-219-4366 Cell. For emergencies or discrepancies during nights, weekends and holidays, immediately notify the nearest Coast Guard Sector Command via VHF-FM chan. 16 or via telephone: San Diego & Colorado River 619-295-3121, Los Angeles 310-521-3800, San Francisco 415-399-3547, Eureka 707-839-6113. 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.

GPS SYSTEM SOFTWARE INTEGRATION ASESSMENT

Mariners are advised that over the course of the next several weeks, the Air Force will conduct an integration assessment of the current GPS Software Baseline. There are no planned GPS Satellite outages for this activity, and the broadcast navigation signal will remain IS-GPS-200 compliant. Mariners who experience GPS anomalies should contact the U.S. Coast Guard Navigation Center as soon as possible at the email or phone number above (see: DGPS).

NORTHERN CALIFORNIA-2010 COMMERCIAL CRAB SEASON

The commercial crab season is open and in progress in the waters off of northern California. Mariners should expect to see concentrations of crab pots and fishing vessels engaged in setting or retrieving crab pots; and are advised to keep a sharp lookout at all times; especially at night, during periods of reduced visibility, and when approaching offshore traffic lanes. Commercial and other vessels in transit to or from San Francisco Bay are advised to utilize the offshore traffic separation schemes. All mariners are advised to adhere to Rule 10 of the Navigation rules so as to promote predictability and minimize interactions with fishing vessels and gear.

All mariners are reminded of the requirement as set forth in Rule 5 of the Navigation Rules to at all times maintain a proper lookout by sight and hearing as well as by all available means appropriate in the prevailing circumstances and conditions so as to make a full appraisal of the situation and of the risk of collision.

All mariners are reminded of the requirement as set forth in Rule 6 of the Navigation Rules to at all times proceed at a safe speed so that she can take proper and effective actions to avoid collision and be stopped within a distance appropriate to the prevailing circumstances and conditions.

LNM: 45/10

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 the Enclosures Section.

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
198	NOAA Environmental Lighted Buoy 46054	LT EXT	18721	0843-10	48/10	
355	Farallon Light	REDUCED INT	18645	0866-10	49/10	
2290	**Oceanside Approach Lighted Whistle Buoy OC**	**LT IMCH**	**18758**	**0002-11**	**01/11**	
2827	**Anaheim Bay Channel Buoy 13**	**OFF STA**	**18749**	**0006-11**	**01/11**	
3118	Los Angeles Main Channel Lighted Buoy 10	REDUCED INT	18751		51/10	
3620	**Port Hueneme Channel Lighted Buoy 5**	**LT EXT**	**18724**	**0003-11**	**01/11**	
3640	**Channel Islands Harbor South Jetty Light 2**	**SS INOP**	**18725**	**0917-10-02**	**01/11**	
5240	Redwood Creek Light 13	TRLB/STRUCT DEST	18651	0713-09	44/09	
5265	Redwood Creek Light 21	TRLB/STRUCT DEST	18651	0686-09	44/09	
5685	Richmond Harbor Channel Light 4	TRLB/STRUCT DEST	18649	0671-09	42/09	
5820	San Francisco Bay North Channel Lighted Bell Buoy 18	OFF STA	18649	0925-10	52/10	
5925	San Pablo Bay Channel Light 12	LT EXT/STRUCT DMGD	18654	0542-10	33/10	
6105	Mare Island Strait Light 4	TRLB/STRUCT DEST	18655	0445-10	26/10	
6700	San Joaquin River Light 11	TRLB/DBN DEST	18660	0495-08	37/08	
6730	San Joaquin River Light 17	TRLB/STRUCT DEST	18660		47/10	
6920	Stockton Channel Light 3	TRLB/DBN DEST	18660	0576-08	43/08	
7105	Stockton Channel Range H Rear Light	REDUCED INT	18663	0411-09	25/09	
7315	Sacramento River Deep Water Ship Channel Light 30	TRLB/STRUCT DEST	18661	0770-10	44/10	
8100	**Noyo River Entrance Light 5**	**LT EXT**	**18626**	**0005-10**	**01/11**	
8225	**Humboldt Bay Lighted Buoy 15**	**LT IMCH**	**18622**	**0004-11**	**01/11**	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5180	Redwood Creek Entrance Light 2	WATCHING PROPERLY	18651	0930-10	01/11	01/11
5205	Redwood Creek Light 8	WATCHING PROPERLY	18651	0929-10	01/11	01/11
5905	San Pablo Bay Channel Lighted Buoy 8	WATCHING PROPERLY	18654	0936-10	01/11	01/11
7960	Bodega Harbor Channel Range D Front Light 37	WATCHING PROPERLY	18643	0931-10	01/11	01/11

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
287.5	Monterey Bay Aquarium Research Institute Light Buoy "MTM5".	OFF STA	18680	922-10	52/10	
1497	Point Loma NPS Flux Research Buoy	MISSING	18772		36/10	
3420	Hyperion Lighted Gong Buoy 10 ES	LT EXT/SS INOP	18744		47/10	
4995	Brisbane Marina Light 4	LT EXT	18651	0826-10	47/10	
5005	Brisbane Marina Light 6	LT EXT	18651	0826-10	47/10	
5580	Corte Madera Channel Light 15	STRUCT DEST/LT EXT/DBN DEST	18649	0696-10	39/10	
5585	Corte Madera Channel Light 16	LT EXT/STRUCT DMGD	18649	0813-10	46/10	

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
3270	San Pedro West Channel Buoy 1	DISCONTINUED FOR DREDGING	18751	0808-10	46/10	
3275	San Pedro West Channel Lighted Buoy 3	DISCONTINUED FOR DREDGING	18751	0808-10	46/10	

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.

18020	**38th Ed.**	**01-OCT-07**	**Last LNM: 24/09**	**NAD 83**	**01/11**

ChartTitle: **San Diego to Cape Mendocino**

Main Panel 1654 SAN DIEGO TO CAPE MENDOCINO. Page/Side: N/A

		Source of Correction	Position
DELETE	Yellow Lighted Buoy, Y Fl Y 4s Priv.	CGD11	35-01-50.000N 120-58-11.000W
		CGD11	

ADD	San Diego Bay Safety Zone Northeast Buoy Yellow		at 32-43-36.359N	117-10-44.530W
ADD	San Diego Bay Safety Zone Northwest Buoy	CGD11	at 32-43-29.500N	117-11-06.100W
ADD	San Diego Bay Safety Zone Southeast Buoy Yellow	CGD11	at 32-43-20.383N	117-10-52.622W
ADD	San Diego Bay Safety Zone Southwest Buoy Yellow	CGD11	at 32-43-25.883N	117-11-07.722W
ADD	San Diego Safety Zone West Buoy	CGD11	at 32-43-32.500N	117-11-04.300W

18022 **35th Ed.** **01-AUG-05** **Last LNM: 22/09** **NAD 83** **01/11**

ChartTitle: **San Diego to San Francisco Bay**

Main Panel 1655 SAN DIEGO TO SAN FRANCISCO BAY. Page/Side: N/A

DELETE	Yellow Lighted Buoy, Y Fl Y 4s Priv.	CGD11	35-01-50.000N	120-58-11.000W
ADD	San Diego Bay Safety Zone Northeast Buoy Yellow	CGD11	at 32-43-36.359N	117-10-44.530W
ADD	San Diego Bay Safety Zone Northwest Buoy	CGD11	at 32-43-29.500N	117-11-06.100W
ADD	San Diego Bay Safety Zone Southeast Buoy Yellow	CGD11	at 32-43-20.383N	117-10-52.622W
ADD	San Diego Bay Safety Zone Southwest Buoy Yellow	CGD11	at 32-43-25.883N	117-11-07.722W
ADD	San Diego Safety Zone West Buoy	CGD11	at 32-43-32.500N	117-11-04.300W

18652 **35th Ed.** **01-AUG-09** **Last LNM: 24/09** **NAD 83** **01/11**

ChartTitle: **San Francisco Bay to Antioch**

Extension 1834 SAN FRANCISCO BAY TO ANTIOCH CARQUINEZ STRAIT. Page/Side: C

ADD	Suisun Bay Plains Products Pier Light (A) Fl W 4s 18 Ft	CGD11	at 38-02-41.000N	122-06-09.000W
ADD	Suisun Bay Plains Products Pier Light (B) Fl W 4s 18 Ft	CGD11	at 38-02-43.000N	122-06-06.000W
ADD	Suisun Bay Plains Products Pier Light (C) Fl W 4s 18 Ft	CGD11	at 38-02-45.000N	122-06-02.000W
ADD	Suisun Bay Plains Products Pier Light (D) Fl W 4s 18 Ft	CGD11	at 38-02-46.000N	122-05-59.000W

18656 **56th Ed.** **01-AUG-10** **Last LNM: 22/09** **NAD 83** **01/11**

ChartTitle: **Suisun Bay**

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

ADD	Suisun Bay Plains Products Pier Light (A) Fl W 4s 18 Ft	CGD11	at 38-02-41.000N	122-06-09.000W

			CGD11	
ADD	Suisun Bay Plains Products Pier Light (B)		at 38-02-43.000N	122-06-06.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (C)		at 38-02-45.000N	122-06-02.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (D)		at 38-02-46.000N	122-05-59.000W
	Fl W 4s 18 Ft			

18657 **19th Ed.** **01-NOV-05** **Last LNM: 20/09** **NAD 83** **01/11**

ChartTitle: **Carquinez Strait**

Main Panel 1850 CARQUINEZ STRAIT. Page/Side: N/A

			CGD11	
ADD	Suisun Bay Plains Products Pier Light (A)		at 38-02-41.000N	122-06-09.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (B)		at 38-02-43.000N	122-06-06.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (C)		at 38-02-45.000N	122-06-02.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (D)		at 38-02-46.000N	122-05-59.000W
	Fl W 4s 18 Ft			

18658 **31st Ed.** **01-SEP-07** **Last LNM: 20/09** **NAD 83** **01/11**

ChartTitle: **SUISUN BAY-Roe Island and vicinity**

Main Panel 1851 SUISUN BAY ROE ISLAND AND VICINITY. Page/Side: N/A

			CGD11	
ADD	Suisun Bay Plains Products Pier Light (B)		at 38-02-43.000N	122-06-06.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (C)		at 38-02-45.000N	122-06-02.000W
	Fl W 4s 18 Ft			
			CGD11	
ADD	Suisun Bay Plains Products Pier Light (D)		at 38-02-46.000N	122-05-59.000W
	Fl W 4s 18 Ft			

18773 **41st Ed.** **01-OCT-08** **Last LNM: 42/08** **NAD 83** **01/11**

ChartTitle: **San Diego Bay**

CHART CA - San Diego Bay. Page/Side: N/A

			CGD11	
ADD	San Diego Bay Safety Zone Northeast Buoy Yellow		at 32-43-36.359N	117-10-44.530W
			CGD11	
ADD	San Diego Bay Safety Zone Northwest Buoy		at 32-43-29.500N	117-11-06.100W
			CGD11	

ADD	San Diego Bay Safety Zone Southeast Buoy Yellow	at 32-43-20.383N	117-10-52.622W
ADD	San Diego Bay Safety Zone Southwest Buoy Yellow	CGD11 at 32-43-25.883N	117-11-07.722W
ADD	San Diego Safety Zone West Buoy	CGD11 at 32-43-32.500N	117-11-04.300W

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-BUOY DISCONTINUANCE Updated 03 Jan 11

The U.S. Coast Guard is planning to discontinue and/or change 13 buoys and fixed aids to navigation in the San Francisco Bay Area. Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5894 or Melissa.A.Smith@uscg.mil. See enclosures section for Bouys to Discontinue.pdf

Charts: 18640 18645 18647 18649 18650 18656 18680 LNM: 50/10

NORTHERN CALIFORNIA-WAMS ANNOUNCEMENT-NOYO RIVER

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Noyo 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 February 2011:

Commanding Officer
USCG Group/Air Station Humboldt Bay
1001 Lycoming Way
McKinleyville, CA 95519
Attn: WAMS Officer
Curtis.J.Barthel@uscg.mil
707-839-6589

LNM: 44/10

NORTHERN CALIFORNIA-WAMS ANNOUNCEMENT-SAN FRANCISCO APPROACHES

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Southern Approaches to San Francisco. 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 March of 2011:

Commanding Officer
USCGC ASPEN (WLB-208)
Yerba Buena Island
San Francisco, CA 94130-5013
Attn: WAMS Officer
(415) 399-3590

LNM: 45/10

NORTHERN CALIFORNIA–POINT CONCEPTION

The U.S. Coast Guard is proposing to downgrade the sound signal at Point Conception Light (LLNR-200). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by February 1, 2011.

Charts: 501 530 18020 18022 18700 18720 18721 LNM: 52/10

NORTHERN CALIFORNIA–POINT VICENTE

The U.S. Coast Guard is proposing to downgrade the sound signal at Point Vicente Light (LLNR-170). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by February 1, 2011.

Charts: 501 18020 18740 18746 LNM: 52/10

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 Updated 18 Nov 10

LOWER CIBOLA BRIDGE-HARTMINE ROAD (river mile 93.6) - A work platform presently attached to the underside of the bridge through Apr 2011 reduces vertical clearance by 8 inches. The navigational clearances for the main channel span are not affected.

LNM: 45/10

NEVADA-CONSTRUCTION-LAKE MEAD

Vegas Tunnel Constructors will be constructing the intake #3 on Lake Mead, NV. The construction will take place from 01 Jan to 30 Jun 2011 from sunrise to sunset involving using explosive to blast the tunnel for the intake. There is a safety zone established for the duration of the event. The limits of the safety zone are 1300 foot radius around the construction vessels during transit and while blasting in approximate position: 36°05'23.67"N, 114°45'59.92"W

Mariners are advised to use due caution when transiting the area. For more details or comments contact BG Kunz at 702-791-7740. See Enclosures section for SZ Flyer Lake Mead.

Chart 18687

LNM: 01/11

NORTHERN CALIFORNIA-BRIDGE-NAPA RIVER Updated 28 Jun 2010

LAWRENCE STREET RAILROAD BRIDGE-Construction on a new railroad bridge, immediately adjacent to the existing wine train bridge is in progress, in downtown Napa. A temporary bridge provides 11 feet of vertical clearance at Mean High Water and 30 feet of horizontal clearance between piers. All mariners are urged to use caution while transiting the area of construction. For more details or comments contact the Eleventh Coast Guard District Bridge Office at 510-437-3515.

Chart 18654

LNM: 20/10

NORTHERN CALIFORNIA-BRIDGE-OAKLAND Updated 20 Dec 10

Inner Harbor Tidal Canal: Alameda County has requested to deviate temporarily from the drawbridge operating regulations for the Fruitvale Avenue highway drawbridge, mile 5.6 Oakland Inner Harbor tidal canal, to allow critical seismic retrofitting of the drawbridge counterweight area. The work must be allowed to ensure continued operation of the drawbridge following a credible seismic event. The proposed deviation would include navigational closures of the single leaf bascule span for 2 week intervals, alternating with 1 week of normal operation. The 14/7 day cycle would continue for 12 weeks to complete the work. Alameda County has indicated they must begin the retrofit within 6 months or around June 2011. The drawbridge provides 15 feet vertical clearance above mean high water when closed. Comments are requested from waterway users to the Eleventh Coast Guard District Bridge Office, 50-2 Coast Guard Island, Alameda, CA 94501, by 31 Jan 2011, concerning navigational impacts and the dates for the proposed work. You may contact Mr. Chris Cerles, Project Manager at (510) 437-3461, Chris.G.Cerles@uscg.mil, if additional information is needed.

Chart 18650

LNM: 50/10

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER

Written comments are requested from waterway users concerning the vertical and horizontal navigational clearances needed for a proposed replacement of the Hwy 12 drawbridge replacement crossing the Sacramento River at mile 12.8, at Rio Vista, CA. The existing drawbridge provides 270 ft. horizontal clearance between fenders, and 144.8 ft. vertical clearance in the full open to navigation position. The proposed clearances would be between 530 feet and 1,142 feet between fenders/piers and 148.0 ft. vertical. Navigational clearances are measured vertically above mean high water. A drawing showing possible bridge crossing alignments is attached to this Local Notice to Mariners. For more details or comments contact the Eleventh Coast Guard District Bridge (dpw), Bldg 50-2 Coast Guard Island, Alameda, CA 94501, Attn: Bridge Admin or 510-437-3515.

Chart 18661

LNM: 50/10

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER-Updated 27 Dec 10

PIONEER HIGHWAY BRIDGE - Scaffolding suspended below low steel, through 01 Feb 2011, reduces vertical clearance for navigation by approximately 9 ft, and is lighted at night with red lights. Scaffolding will be located in only one span at a time. For more details or comments contact Caltrans at 510-719-6090 or 510-715-8759.

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER-Updated 27 Dec 10

Chart 18662 LNM: 48/08

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY-Updated 26 Apr 10

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 (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 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 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-Updated 01 Dec 10

ANTIOCH HIGHWAY BRIDGE – A 30' X 100' deck barge will be used to install temporary stairs and access towers from piers 7 to 21, from the south shore near Antioch to the north shore of Sherman Island, during daylight hours, Monday through Friday, though 31 Jan 11. At no time will the barge be moored in the main ship channel, between piers 19 and 20. There will be no reductions in the horizontal or vertical clearances, provided by the bridge, in any span. The barge can be moved, for navigational safety, with 30 minutes advance notice. Mariners may contact the working vessels, Vortex Doris, Vortex Vigor or the Vortex Joey, via VHF-FM Chan. 16 to determine conditions at the bridge. 24-HR contact numbers; Caltrans 510-385-7084, California Engineering Contractors; 925-250-1298, 925-354-3770, 925-519-5197.

Chart 18660 LNM: 42/10

NORTHERN CALIFORNIA-COMMERCIAL POWER OUTAGE-ALCATRAZ LIGHT

NPS will be securing commercial power to Alcatraz Light (LLNR-4315) from 0500 to 0900 local on the 10,17,24,31 Jan 11. During periods of unavailable commercial power, Alcatraz Light will automatically shift to 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 operations. For more details or comments contact U.S. Coast Guard Aids to Navigation Team at 415-399-3515.

Chart 18650 LNM: 01/11

NORTHERN CALIFORNIA-DREDGING-OAKLAND

Manson Construction Co. will be conducting continuous maintenance dredging operations in the Bar Channel and Oakland Inner and Outer Harbor Entrance Channels until 31 Mar 11. Work consists of Maintenance Dredging in the Navigation channel. The derrick barge NJORD and 2 scows will be on site. Mariners are requested to use caution when transiting the area. The vessels will monitor VHF-FM Chan. 14, 16 and 66. For more details or comments contact Mr. Bob Richardson at 510-232-6319.

Chart 18650 LNM: 45/10

NORTHERN CALIFORNIA-MARINE CONSTRUCTION-ELKHORN SLOUGH Updated 05 Nov 10

Ghilotti Bros/Cooper Crane & Rigging JV is conducting construction operations in the Elkhorn Slough through 01 Mar 11. Work consists of tidal sill construction at Parsons Slough and a boat facility at Kirby Park. Temporary mooring piles will be installed at both locations. Portable derrick barges and various workboats will be on site and monitoring VHF-FM CH 13. For further details or comments contact Matt Dill at 703-333-0197.

Chart 18685 LNM: 42/10

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

Water World Swims will sponsor a swimming event involving 20 participants swimming from Alcatraz Island to Aquatic Park in San Francisco Bay from 0900 to 1000 on 15 Jan 2011. 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 18650 LNM: 01/11

NORTHERN CALIFORNIA-RESTORATION PROJECT-NAPA RIVER

A restoration project located on the eastern shore of the Napa River, located to the Southwest of the Napa County Airport, in approximate position 38-11.5N 122-18.5W, has lowered approximately 2.5 miles of levee that previously marked the edge of navigable waters. This levee was lowered to the Mean High High Water elevation of the area. California Department of Fish and Game (CDFG) installed signs along the lowered levee marking the property as part of the Napa Sonoma Marshes Wildlife Area. For more information please contact the CDFG at http://www.dfg.ca.gov/ or 707-944-5500.

Charts: 18652 18654 LNM: 44/10

NORTHERN CALIFORNIA-SALINITY CONTROL STRUCTURE-MONTEZUMA SLOUGH

The Department of Water Resources plans to operate the control structure until 31 May 11, in position 38-05-36N 121-53-07W. The boat lock has a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short. The operator will monitor VHF-FM Chan. 13 and a emergency phone number is posted onsite. The boat lock is located on the east side of the channel and provides the following

NORTHERN CALIFORNIA-SALINITY CONTROL STRUCTURE-MONTEZUMA SLOUGH

clearances; 16 ft horizontally; 9 ft over the sill at MLLW; 70 ft in length between sector gates; and no vertical impairment. The piers are marked by fixed red lights and parts of the structure by fixed yellow lights. Mariners should be aware of a shoal area along the east bank on both sides of the structure extending 50 ft out from the levee. Mariners are advised to transit the area with caution. For more details or comments contact John Moe at 209-833-2082 or Rhett Cotter at 209-833-2077.

Chart 18652 LNM: 42/10

SOUTHERN CALIFORNIA-CONSTRUCTION-CORONADO

R.E. Staite Engineering Inc. has commenced concrete repair replacement of the Bay Club Hotel and Marina Dock through 31 Jan 11 in position 32-42-57N 117-13-29W. All construction vessels working onsite will monitor VHF-FM Ch 16. For more details or comments contact Charlie Crawford at 619-233-0178 or 619-520-8379.

Chart 18773 LNM: 42/10

SOUTHERN CALIFORNIA-CONSTRUCTION-SAN DIEGO BAY

Continental Maritime will comence Pile Driving, and pier stablization until 01 Apr 11 in position: 32-41-41N 117-08-57W. Tug CONSTRUCTOR 1 and HARBOR COMMANDER will monitor VHF-FM Chan. 13 and 16. Mariners are advised to transit the area with caution. For more details or comments contact Robert Montreuil at 619-234-8851.

Chart 18773 LNM: 39/10

SOUTHERN CALIFORNIA-DREDGING-OXNARD, CA

Manson Construction will be performing continuous dredging operations of Channel Islands Harbor from until 21 Jan 11. The hydraulic dredge HR MORRIS, dredge tenders PUP and CUB, and derrick barges FREYA and RENEGADE will be on site and monitoring VHF-FM Chan. 13 and 67. Mariners are requested to use extreme caution and contact the dredge HR MORRIS for passing instructions. For more details or comments contact Frank Bechtolt at 562-762-5367, Dredge Captain Fred Franks at 562-762-5396, or dredge HR MORRIS at 562-762-5259.

Chart 18725 LNM: 47/10

SOUTHERN CALIFORNIA-DREDGING-SAN DIEGO BAY

R.E. Staite Engineering Inc. will be conducting continuous maintenance dredging until 29 Jan 11 at BAE Shipyard in position 32-41-26.9N 117-08-39.8W. Vessel DB PALOMAR and barges RES 210 and 47 will be on site and monitoring VHF-FM Chan. 16. For more details or comments contact R.E. Staite Engineering Randahl Hagen at 619-233-0178/619-247-7039 or BAE Systems Randy Jaeger at 619-238-1000.

Chart 18773 LNM: 46/10

SOUTHERN CALIFORNIA-DREDGING-SOUTH SAN DIEGO BAY Updated 08 Dec 10

Marathon Construction Corp. will commence continuous dredging operations until 12 Feb 11 at South San Diego Bay. There will be a 4800 foot long semi-submerged pipeline associated with the operation in approximate position 32-36-48N 117-06-36W extending to Salt Pond 11 at 32-36-06N 117-07-00W. The skiff operators can be reached on VHF-Chan. 16 or by cell phone at 360-901-1107. Mariners are advised to use caution when transiting the area. For more details or comments contact Joe Ellis at 619-843-8941.

Chart 18773 LNM: 35/10

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-NEWPORT BAY

Pacific Constructors Inc. will perform dredging and demolition operations until 31 Mar 11 in position: 33-36-08N 117-53-00W at the U.S. Coast Guard Station in Corona Del Mar. D/B MR. BECK and tug BREE TESSA will monitor VHF-FM Chan. 9, 10 and 16. Mariners are requested to minimize their wake and transit the area with caution. For more details or comments contact Cam Boyd at 805-235-5964.

Chart 18746 LNM: 22/10

SOUTHERN CALIFORNIA-GPS TESTING-RANCHO BERNARDO,CA

The GPS navigation signal may be unreliable until 02 Apr 12 due to interference testing on GPS frequencies used in shipboard navigation and handheld systems. Electronic systems that rely on GPS, such as E-911, AIS, and DSC, may be affected within a 34 nm radius of position 33-01-04N, 117-05-45W. During this period, GPS users are encouraged to report any service outages by calling 703-313-5900 or by using the GPS Report a Problem Worksheet at www.navcen.uscg.gov.

LNM: 23/10

SOUTHERN CALIFORNIA-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous operations until 31 Jan 11, in an area bounded 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
Thence to the point of origin.
Mariners are advised to avoid this area and use due caution when transiting outside of this area. For more details or comments contact Darrel Rumsey at 619-545-1757.

Chart 18740 LNM: 52/10

SOUTHERN CALIFORNIA-HAZARDOUS OPERATIONS-NAVAL BASE CORONADO

Naval Base Coronado opened its Small Arms Range (SAR) effective 15 July 2010 and will remain open until further notice. Mariners are advised to

SOUTHERN CALIFORNIA-HAZARDOUS OPERATIONS-NAVAL BASE CORONADO

stay clear of the affected fan-shaped area extending into the waters of the Pacific Ocean from a point on the beach beginning at 32-41-13N, 117-12-45W; thence easterly, along the mean high water mark, to 32-41-14N, 117-12-32W; thence southerly to latitude 32-40-31N, 117-12-12W; thence westerly to 32-40-25N, 117-12-43W; thence northerly, landward, to the point of origin. For more details or comments contact the Range Safety Officer at 619-545-8413 or the Navy Region Southwest Regional Dispatch Center at 619-524-6999.

Charts: 18772 18773 LNM: 28/10

SOUTHERN CALIFORNIA-MILITARY OPERATIONS-OCEANSIDE Updated 04 Jan 11

The U.S. Marine Corps will conduct testing of the Expeditionary Fighting Vehicle (EFV) through 01 Jul 11 from Camp Pendelton and Oceanside Harbor up to 25 miles offshore in an area bounded by the following coordinates:
33-14-51N 117-25-33W
32-56-53N 117-46-21W
33-06-53N 117-58-01W
33-24-49N 117-34-08W
The EFV is a prototype vehicle capable of 30 knot speeds with manueuverability limitations and a substantial wake. There may be as many as four EFV's testing at the same time with several support vessels. There maybe times when spot lights and or strobe lights will be visible in the test area. All mariners are requested to use extreme caution when transiting the area. The water safety Officer and all support vessels will monitor VHF-FM Chan. 81A. For more details or comments contact the Operations Officer at 760-763-4428.

Chart 18774 LNM: 36/10

SOUTHERN CALIFORNIA-NAVAL TRAINING EXERCISE-SAN DIEGO

The U.S. Navy will conduct continuous training until 22 Jan 11 in the following areas located between 700 yds and 7000 yds east of San Diego Lighted Buoy 8. Subsurface training aids will be greater than 10 feet from the surface.
Location 1
32-40-14N 117-12-41W
32-40-14N 117-11-48W
32-41-13N 117-11-49W
32-41-12N 117-12-41W
Location 2
32-40-01N 117-11-36W
32-39-49N 117-11-20W
32-40-32N 117-10-33W
32-40-45N 117-10-49W
Location 3
32-37-57N 117-08-33W
32-37-42N 117-09-12W
32-37-26N 117-09-04W
32-37-40N 117-09-27W
Location 4
32-38-31N 117-12-28W
32-38-24N 117-12-47W
32-38-55N 117-13-08W
32-39-02N 117-12-48W
Location 5
32-38-04N 117-12-02W
32-37-17N 117-11-18W
32-36-50N 117-11-58W
32-37-36N 117-12-43W
Mariners are advised to use caution when transiting the area. For more details or comments contact Brayden Duryee at 619-206-7026.

Chart 18772 LNM: 42/10

SOUTHERN CALIFORNIA-OBSTRUCTION-MISSION BAY AND ZUNIGA JETTY

There are submerged sailing vessels causing an obstruction in position: 32-45.1N 117-16.9W off Mission Beach and 32-40.0N 117-13.0W 500 yards east of Zuniga Jetty. Mariners are advised to use caution while transiting the area. For more details or comments contact U.S. Coast Guard Sector San Diego at 619-278-7033.

Chart 18765 LNM: 52/10

SOUTHERN CALIFORNIA-PIER CONSTRUCTION-SANTA ROSA ISLAND

John S. Meek Company, Inc. will be constructing a new pier until 31 Jul 11 in place of the demolished pier in position 34-00-29N 120-02-46W.Mariners are advised to transit the area with caution. For more details or comments contact Jeremiah Jilk at 310-505-7515.

Chart 18720 LNM: 39/10

SOUTHERN CALIFORNIA-RESTORATION PROJECT-SAN DIEGO BAY

Remedial Civil Constructors is conducting a salt marsh plain and tidal channel restoration project until 15 Feb 2011 in the Sweetwater Flood Control Channel in position 32-38-54N 117-06-43W. Though there are no vessels working on this project, mariners are urged to transit at the slowest safe speed to minimize wake. For further details or comments contact Wes Wright at 818-256-4229.

Chart 18773 LNM: 46/10

SOUTHERN CALIFORNIA-SURVEY OPERATIONS-POINT BUCHON

FUGRO will be conducting survey operations from 06 Jan 11 until 30 Mar 11, offshore Point Buchon in positions:
35° 08' 06.670"N, 120° 40' 37.059"W
35° 02' 52.231"N, 120° 52' 30.893"W
35° 17' 46.676"N, 121° 01' 17.289"W
35° 17' 45.616"N, 120° 53' 41.780"W
35° 15' 29.949"N, 120° 54' 46.511"W
35° 12' 37.507"N, 120° 52' 27.900"W
35° 08' 42.880"N, 120° 46' 20.601"W
35° 09' 06.155"N, 121° 43' 51.629"W
35° 08' 06.670"N, 121° 40' 37.059"W
The M/V MICHAEL UHL will monitor VHF-FM Chan. 13 and 16. The M/V MICHAEL UHL will be towing up to 600 feet of cable during this operation. Mariners are advised to use caution while transiting the area. For more details or comments contact Jeff Carothers at 805-650-7000.See Enclosures Section for Survey Buchon Pt.

Chart 18703 LNM: 01/11

SOUTHERN CALIFORNIA-UNDERWATER OPERATIONS-SAN DIEGO TO SANTA ROSA ISLAND

The R/V GORDON ROBERT SPROUL will be launching 4 underwater gliders and 4 free drifting buoys and 2 autonomous surface vehicles in an area bounded by 32-35N to 33-05N and 118-35W to 119-15W, during the period 04 to 09 January 2011. The R/V SPROUL will remain in the designated area throughout the period of the research operations and will monitor VHF-FM Chan 16. Recovery of the gliders and buoys will be performed by Sproul on 09 January. The underwater gliders will be programmed to remain within the boundaries of the identified area. The free drifting buoys weight 125 lbs and are 5 feet tall. The buoys are neutrally buoyant at a specified depth and ascent to the surface for data telemetry. They may drift beyond the boundaries of the requested area, but will be recovered as soon thereafter as possible. Request all vessels remain clear of Sproul and exercise caution when transiting the designated area.

Chart 18740 LNM: 52/10

SOUTHERN CALIFORNIA-UNDERWATER SURVEYS-POINT CONCEPTION TO SAN DIEGO

Aqueos, Inc. will conduct underwater maintenance work on the AERA 12" oil pipeline until 31 Jan 11 in positions: 33-40-02.62N 118-02-13.76W and 33-40-04.03N 118-02-11.85W. The M/V CHRISTOPHER G will monitor VHF-FM Chan. 13 and 16 and cell phone 562-480-2030. Mariners are advised to transit the above areas with caution. For more details or comments contact Aqueos at 805-205-3156.

Chart 18746 LNM: 52/10

SOUTHERN CALIFORNIA-UNMANNED UNDERWATER VEHICLE (UUV) OPERATIONS-SAN DIEGO BAY

Naval Oceanography Mine Warfare Center will be conducting UUV operations from 06 Jan 11 through 13 Jan 11 in the San Diego Harbor main channel. A Boston Whaler and a Combat Rubber Raiding Craft will be on scene monitoring VHF-FM Chan. 16. Mariners are advised to use caution when transiting the area. For more details or comments contact LTjg Jessica Swauger at 336-413-6889.

Chart 18773 LNM: 52/10

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	
6356	SUISUN BAY PLAINS PRODUCTS PIER LIGHT (A)	38-02-41.000N 122-06-09.000W	Fl W 4s	18		West End of Piier.	Private aid.	01/11
*	*	*	*	*	*	*	*	
6357	SUISUN BAY PLAINS PRODUCTS PIER LIGHT (B)	38-02-43.000N 122-06-06.000W	Fl W 4s	18		On Pier.	Private aid.	01/11
*	*	*	*	*	*	*	*	
6358	SUISUN BAY PLAINS PRODUCTS PIER LIGHT (C)	38-02-45.000N 122-06-02.000W	Fl W 4s	18		On Pier.	Private aid.	01/11
*	*	*	*	*	*	*	*	
6359	SUISUN BAY PLAINS PRODUCTS PIER LIGHT (D)	38-02-46.000N 122-05-59.000W	Fl W 4s	18		East End of Pier.	Private aid.	01/11
*	*	*	*	*	*	*	*	
8375	*Crescent City Harbor Lighted Bell Buoy 6*	41-44-14.414N 124-11-19.288W	Fl R 2.5s		4	Red.		01/11
					*			

PUBLICATION CORRECTIONS

None

ENCLOSURES

NORTHERN CALIFORNIA-BUOY DISCONTINUANCE Updated 03 Jan 11

Bouys to Discontinue.pdf

See link above.

LNM: 50/10

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER-PROPOSED HWY 12 ALIGNMENTS

CGpierLetter20101215.pdf Proposed_Alignments.pdf

See link above to view alignments for the proposed Hwy 12 Bridge Replacement Project, Mile 12.8, Sacramento River Chart 18661

LNM: 50/10

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

MSIB Voluntary Traffic Lane 11-09.pdf

See link above.

LNM: 09/10

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-PORT OF LOS ANGELES

01 03 2011 CSWHConstruction Zone3.pdf 01 03 2011 Northwest Slip.pdf

See link above.

LNM: 44/10

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO/OAKLAND BAY BRIDGE REPLACEMENT Updated 29 Dec 2009

042210BargeDiagram.pdf 04222010_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

NEVADA-CONSTRUCTION-LAKE MEAD

SZ Flyer Lake Mead (2).pdf

See Link above.

LNM: 01/11

SOUTHERN CALIFORNIA-SURVEY OPERATIONS- POINT BUCHON

Survey Buchon Pt 2.pdf

See link above.

LNM: 01/11

REPORT OF DELAY AT DRAWBRIDGE

DelayRept0207.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

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

D. K. Steadman, LCDR
U.S. Coast Guard
Chief, Waterways Management Branch

NORTHERN CALIFORNIA-BUOY DISCONTINUANCE
The U.S. Coast Guard is proposing to discontinue Duxbury Reef Lighted Whistle Buoy 1DR (LLNR 4205). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by January 31, 2010.
Charts: 18649 18640 18645 18647 18680

NORTHERN CALIFORNIA-BUOY DISCONTINUANCE
The U.S. Coast Guard is proposing to discontinue Raccoon Strait Lighted Buoy 2 (LLNR 4345). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by January 31, 2010.
Charts: 18649 18650 18652

NORTHERN CALIFORNIA-BUOY DISCONTINUANCE
The U.S. Coast Guard is proposing to discontinue Anchorage 9 Lighted Buoy A (LLNR 4825). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by January 31, 2010.
Charts: 18652 18649 18650

NORTHERN CALIFORNIA-BUOY DISCONTINUANCE
The U.S. Coast Guard is proposing to discontinue Suisun Bay Buoys 1, 2, 3, 4, 5, and 6 (LLNR 6506, 6506.5, 6507, 6507.5, 6508, and 6508.5). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by January 31, 2010.
Charts: 18658 18652 18656

NORTHERN CALIFORNIA-DAYBEACON CHANGE
The U.S. Coast Guard is proposing to change San Francisco Bay South Channel Light 16, 17, and 18 (LLNR 5305, 5310, and 5315) from a lighted beacon to a daybeacon. Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by January 31, 2010.
Charts: 18651 18652

NORTHERN CALIFORNIA-DAYBEACON DISCONTINUANCE
CORRECTION -- The U.S. Coast Guard is proposing to discontinue San Francisco Bay South Channel Light 12 (LLNR 5175). Redwood Creek Light 12 (LLNR 5230) will not be changed. Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by February 4, 2010.
Charts: 18651 18652

Proposed Rio Vista bridge replacement
Navigational Clearances

Blue:

Vertical: Not less than 148 feet vertical above mean high water surface, at the lowest hittable part of the bridge, between channel piers.

Horizontal: The east (left descending) channel pier may be located to the east (away from the channel center line), of the red channel marker buoy ("36A), located at N 38.17204 W 121.67134. The west (right descending) channel pier may be located out of the water on the west (right descending), bank of the river. The approximate horizontal clearance for the navigational opening of a bridge at this location would be 1,028 feet, pier face to pier face or fender to fender, measured normal to the centerline axis of the proposed bridge.

Orange:

Vertical: Not less than 148 feet vertical above mean high water surface, at the lowest hittable part of the bridge, between channel piers.

Horizontal: The east (left descending) channel pier may be located to the east (away from the channel center line), of the pile marker "36" located at N 38.16466 W 121.67802. The west (right descending) channel pier may be located out of the water on the west (right descending), bank of the river. The approximate horizontal clearance for the navigational opening of a bridge at this location would be 1,142 feet, pier face to pier face or fender to fender, measured normal to the centerline axis of the proposed bridge.

Red/Green:

Vertical: Not less than 148 feet vertical above mean high water surface, at the lowest hittable part of the bridge, between channel piers.

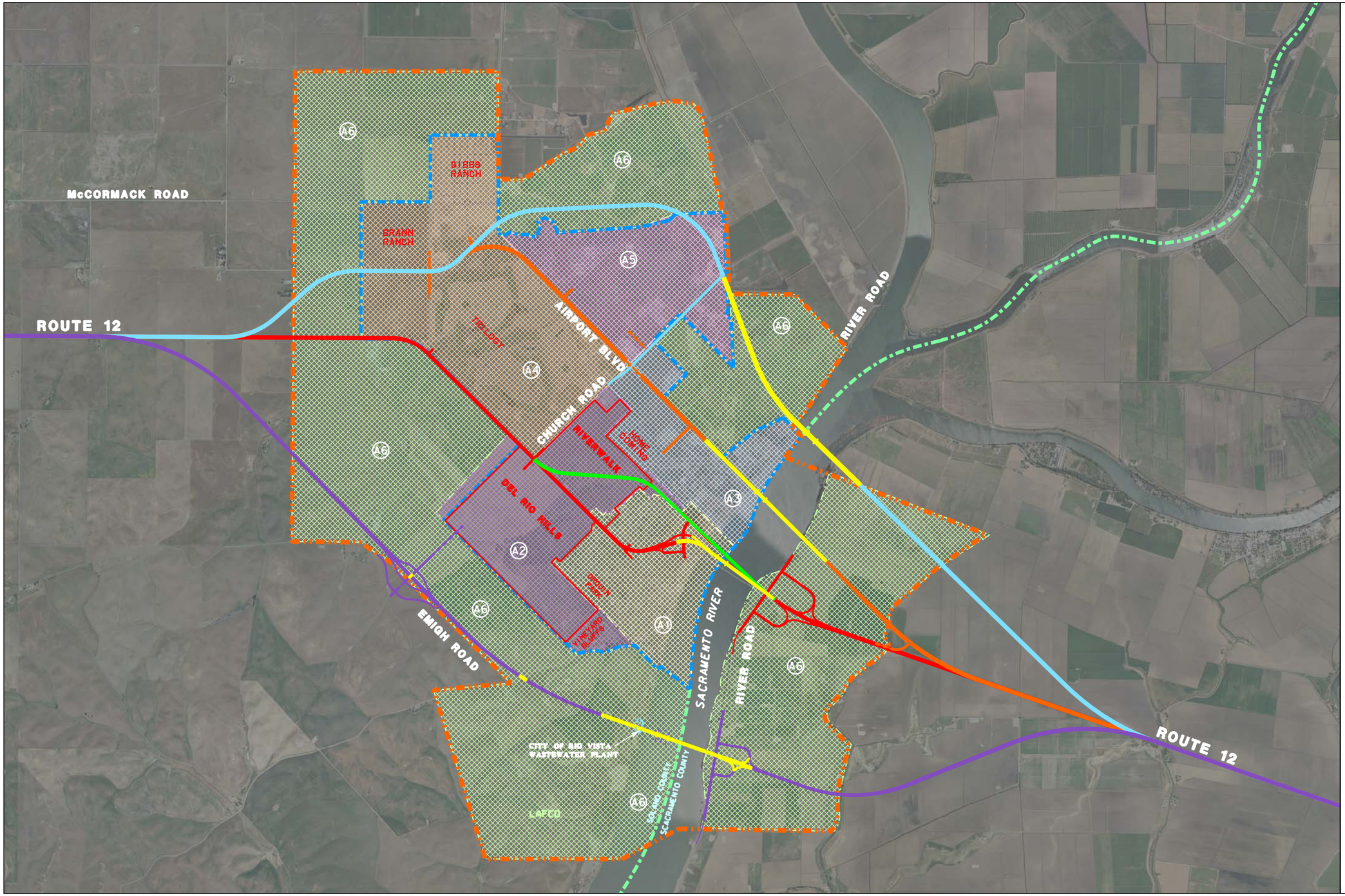
Horizontal: The east (left descending) channel pier may be located approximately 260 feet to the east of the existing east (left descending) lift tower for the moveable span (Approximate location: N 38.15833 W 121.68283). The west (right descending) channel pier may be located approximately 230 feet west of the existing west (right descending) lift tower for the moveable span (Approximate location: N 38.15959 W 121.68527) . The approximate horizontal clearance for the navigational opening of a bridge at this location would be not less than 800 feet, pier face to pier face or fender to fender, measured normal to the centerline axis of the proposed bridge.

Purple:

Vertical: Not less than 148 feet vertical above mean high water surface, at the lowest hittable part of the bridge, between channel piers.

Horizontal: The east (left descending) channel pier may be located east of the approximate position N 38.14038 W 121.69122. The west (right descending) channel pier may be located west of the approximate position N 38.14083 W 121.69302. The approximate horizontal clearance for the navigational opening of a bridge at this location would be not less than 530 feet, pier face to pier face or fender to fender, measured normal to the centerline axis of the bridge.

Alignments for the Proposed Highway 12 Rio Vista Bridge Replacement, Mile 12.8, Sacramento River



SR-12 REALIGNMENT/ RIO VISTA BRIDGE PRELIMINARY STUDY

0 500 1000 2000 3000 4000

LEGEND

- ALT 2 (EXISTING ALIGNMENT)
- ALT 2B (FLOODWAY ALIGNMENT)
- ALT 3 (AIRPORT BLVD)
- ALT 4 (NORTHERN ALIGNMENT)
- ALT 5 (SOUTHERN ALIGNMENT)
- COUNTY LIMITS
- CITY OF RIO VISTA PLANNING AREA
- RIO VISTA CITY LIMITS

CITY GENERAL PLAN AREA

- A1 EXISTING DEVELOPED CITY
- A2 ESPENSON, RIVER WALK AND HOMECOMING
- A3 INDUSTRIAL OR EMPLOYMENT SERVICE COMMERCIAL
- A4 NORTHWEST AREA NEIGHBORHOODS
- A5 AIRPORT, PUBLIC AND RESTRICTED LANDS
- A6 AGRICULTURAL OR OPEN SPACE

STA Solano Transportation Authority

AECOM

PRELIMINARY STUDY

ATTACHMENT C

POTENTIAL CORRIDOR ALTERNATIVES

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 LA/LB HSC developed theses lanes as a voluntary measure to promote vessel safety.

The voluntary western traffic lanes were not developed using processes established under U.S. federal law or by the IMO. As such, these lanes have not been reviewed nor approved by any U.S. federal authority, including the U.S. Coast Guard, or the IMO. The Coast Guard is taking separate action to study the increased traffic in this area, which will include an opportunity for the public to comment.

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

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.

Mariners should exercise due caution when choosing to operate south of the Channel Islands and within the voluntary western traffic lanes.

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

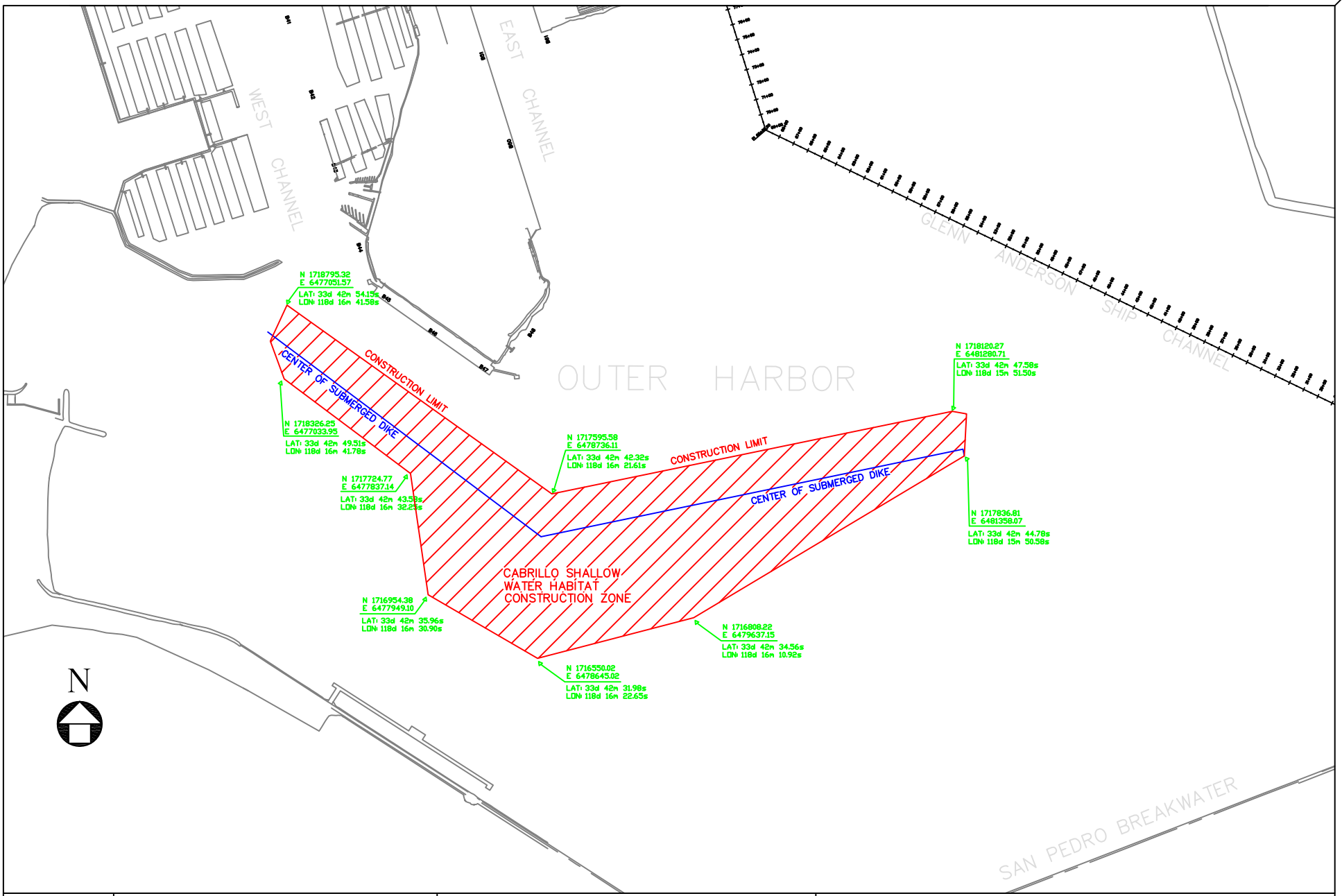
Mariners are further reminded that large whales, including Blue, Gray, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Channel Islands, both within the TSS established in the Santa Barbara Channel as well as in the area south of the Channel Islands. These 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

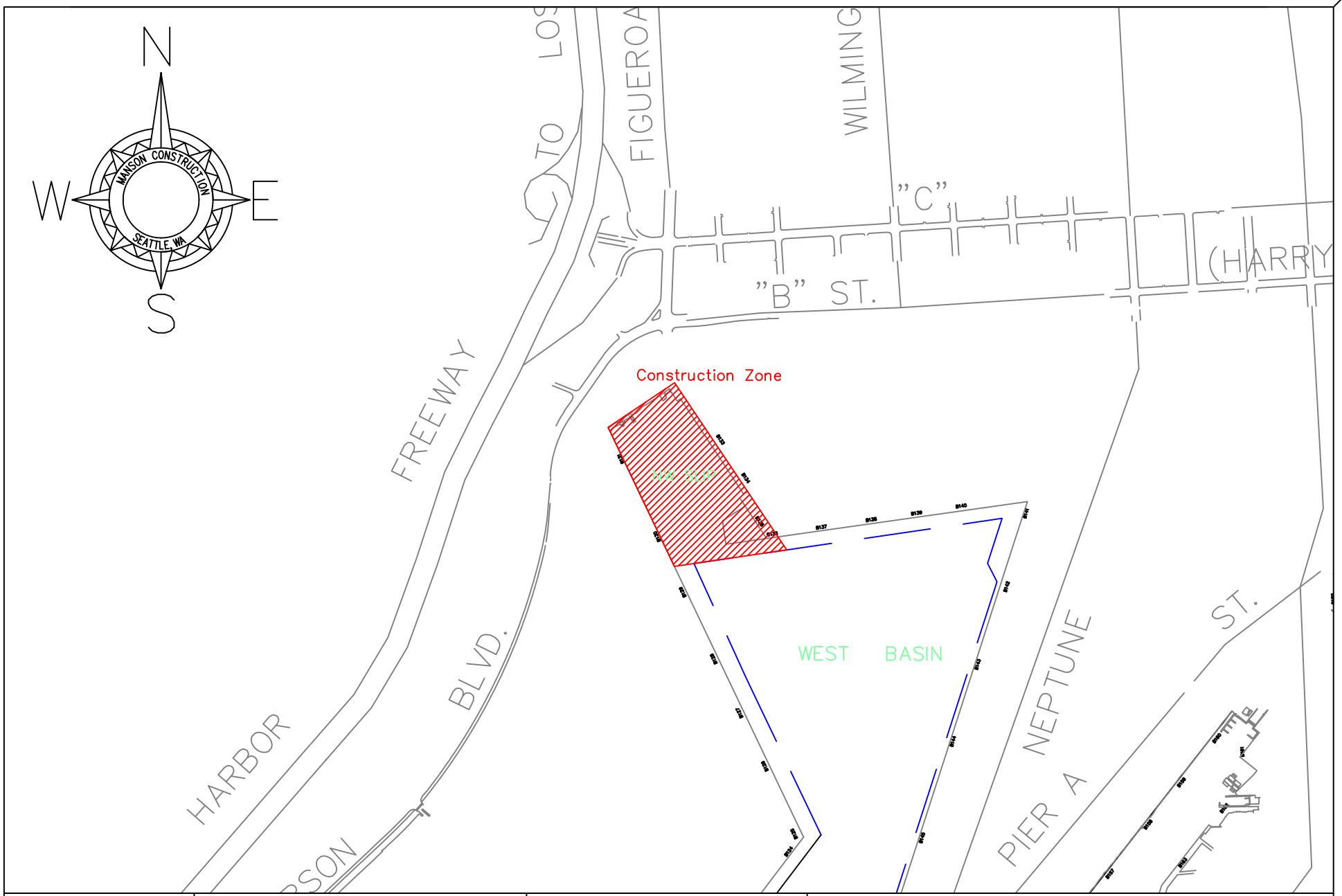
The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area.

Questions

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



SHEET:	LA DEEPENING:	NOTES:	LA DEEPENING CONSTRUCTORS, a JV
1 of 1	Cabrillo Shallow Water Habitat Los Angeles, California	Construction Zone thatched in red.	MANSON CONSTRUCTION CO. 772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.521.1300 FAX: 310.833.5657



SHEET: 1 of 1

PREPARED BY: JB

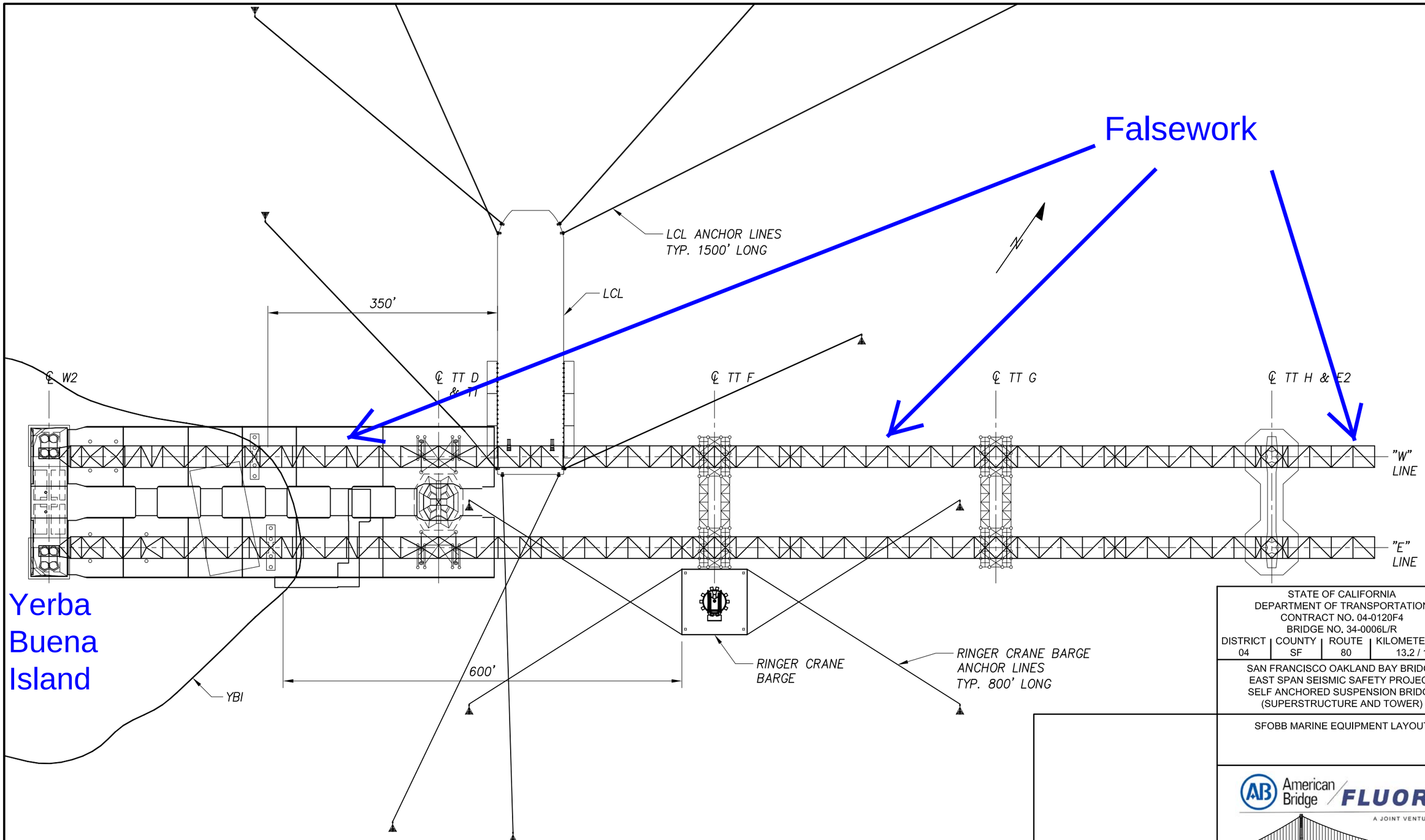
LA DEEPENING:
Northwest Slip
Los Angeles, CA

NOTES:
Dredge area is thatched in red

LA DEEPENING CONSTRUCTORS, a JV

MANSON CONSTRUCTION CO.

772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.521.1300 FAX: 310.833.5657



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

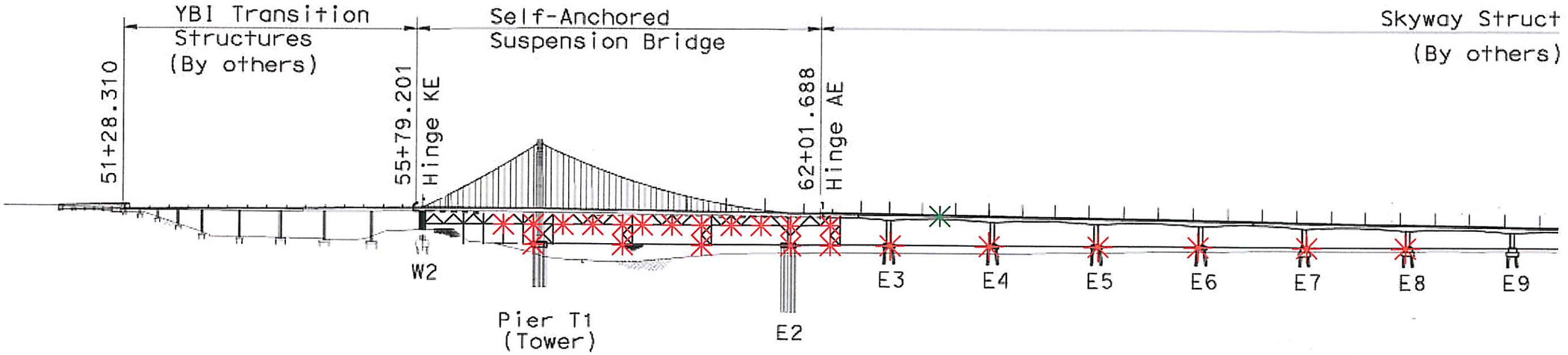
American Bridge / FLUOR
A JOINT VENTURE

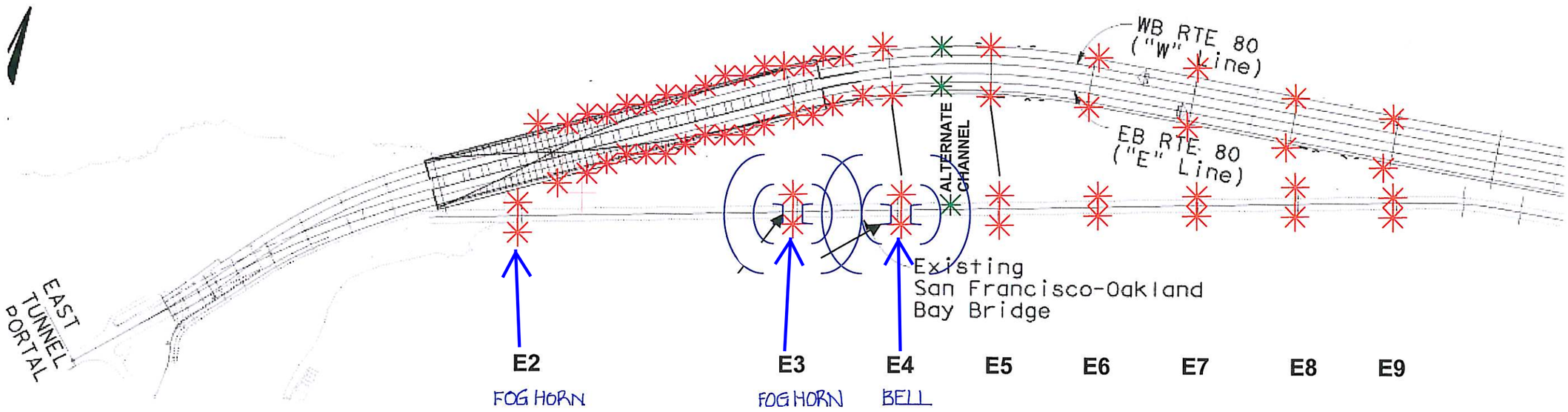
REV	DATE	BY	DESCRIPTION
6			
5			
4			
3			
2			
1			

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

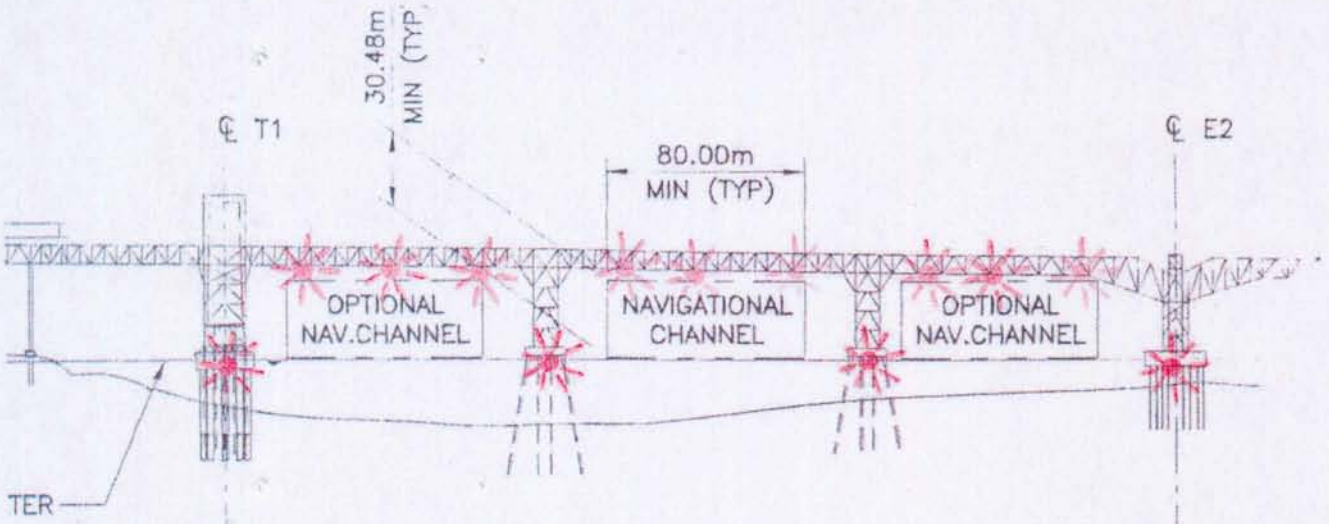
Job No.	Sheet No.
660110	1
Scale: NTS	Revision: 0

CONSTRUCTION NAVIGATION WARNING SYSTEM

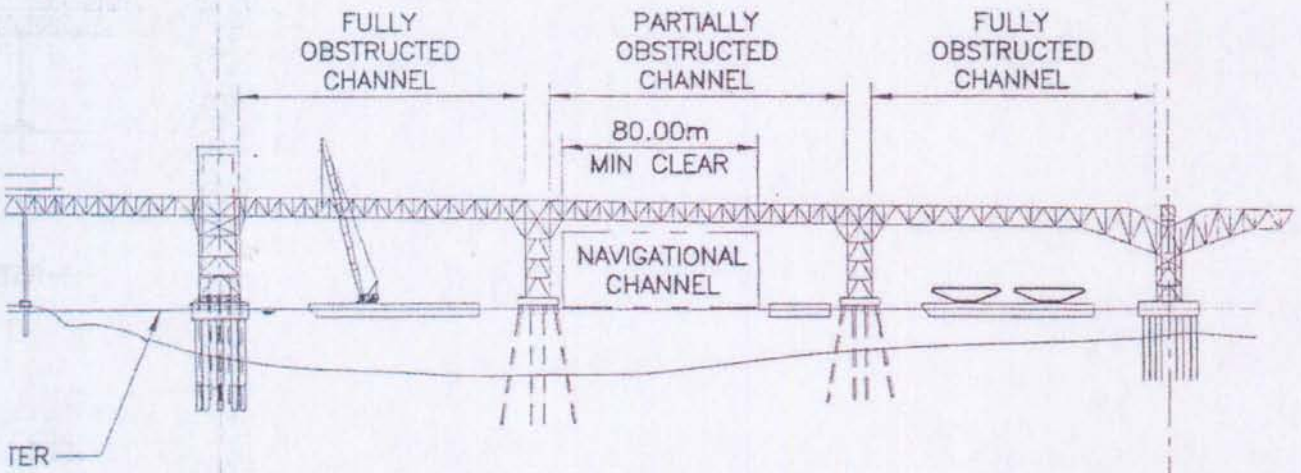




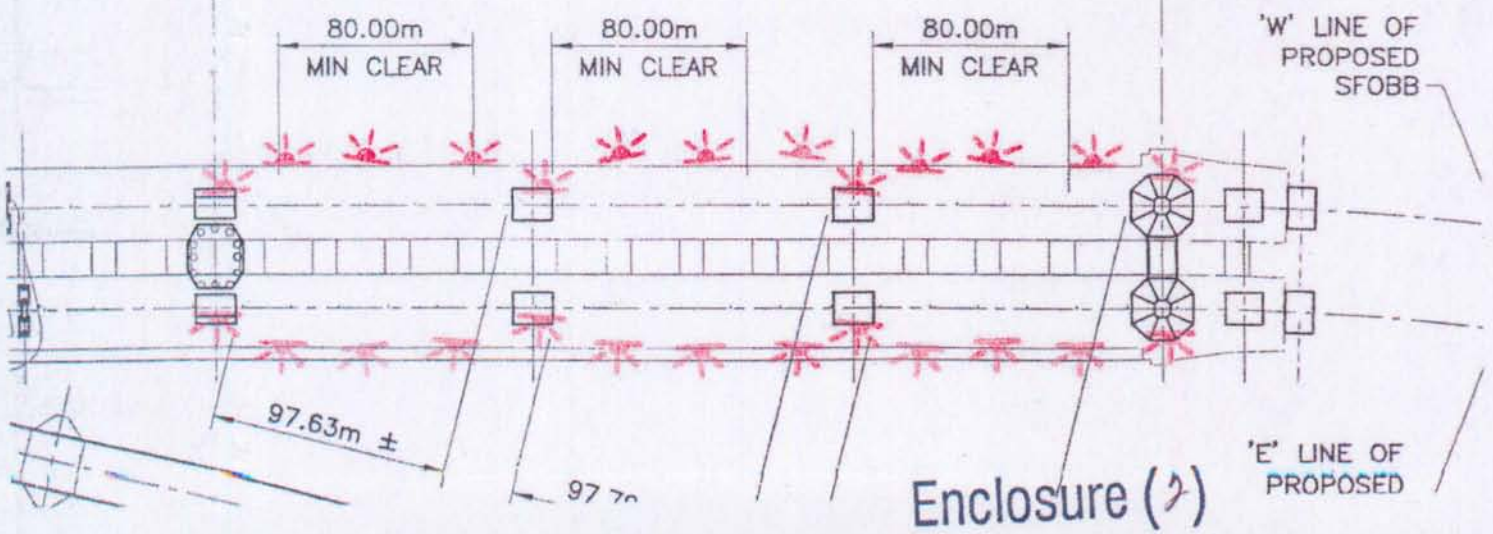
RECEIVED 04/21/10



ELEVATION



ELEVATION



Enclosure (2)

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

Commander
United States Coast Guard
Sector San Diego

2710 N. Harbor Drive
San Diego, CA 92101-1064
Phone: (619) 278-7262
Fax: (619) 278-7235

SAFETY ZONE

THE U. S. COAST GUARD CAPTAIN OF THE PORT SAN DIEGO, CALIFORNIA HAS ESTABLISHED A SAFETY ZONE FOR THE

BLASTING FOR INTAKE #3 AT IN LAKE MEAD, NEVADA, BOULDER CITY, NV.

The Captain of the Port San Diego has established a safety zone for the Lake Mead. A safety zone has been established around the blasting area and construction vessels carring explosives. The safety zone will encompass all navigable waters within a 1300 foot radius around the construction vessels during transit and while at blast site located at approximately 36°05'23.677501" N, 114°45'59.925819" W. The safety zone will be enforced only during construction operations..

The safety zone will remain in effect from on Saturday, January 1, 2011 through Thursday, June 30, 2011. Persons and vessels are prohibited from entering into, transiting through, or anchoring within the safety zone unless authorized by the Captain of the Port San Diego or his designated representative.

The safety zone that will be enforced intermittently from January 1, 2011 through June 30, 2011.

The safety zone and any required revisions will be broadcast on event dates over VHF Marine Channel 16.

ANY DIRECTIONS GIVEN BY THE CAPTAIN OF THE PORT SAN DIEGO, LAW ENFORCEMENT, OR DESIGNATED PATROL CRAFT SHALL BE OBEYED. IN THE EVENT OF AN EMERGENCY CONTACT COAST GUARD SECTOR SAN DIEGO AT (619) 278-7033 OR VHF MARINE CHANNEL 16.

33 CFR PART 165 AUTHORIZES THE COAST GUARD TO ESTABLISH AND ENFORCE SAFETY ZONES IN REGULATED NAVIGATION AREAS AND LIMITED ACCESS AREAS

FAILURE TO COMPLY COULD RESULT IN CRIMINAL PENALTIES OF UP TO $10,000/10 YEARS

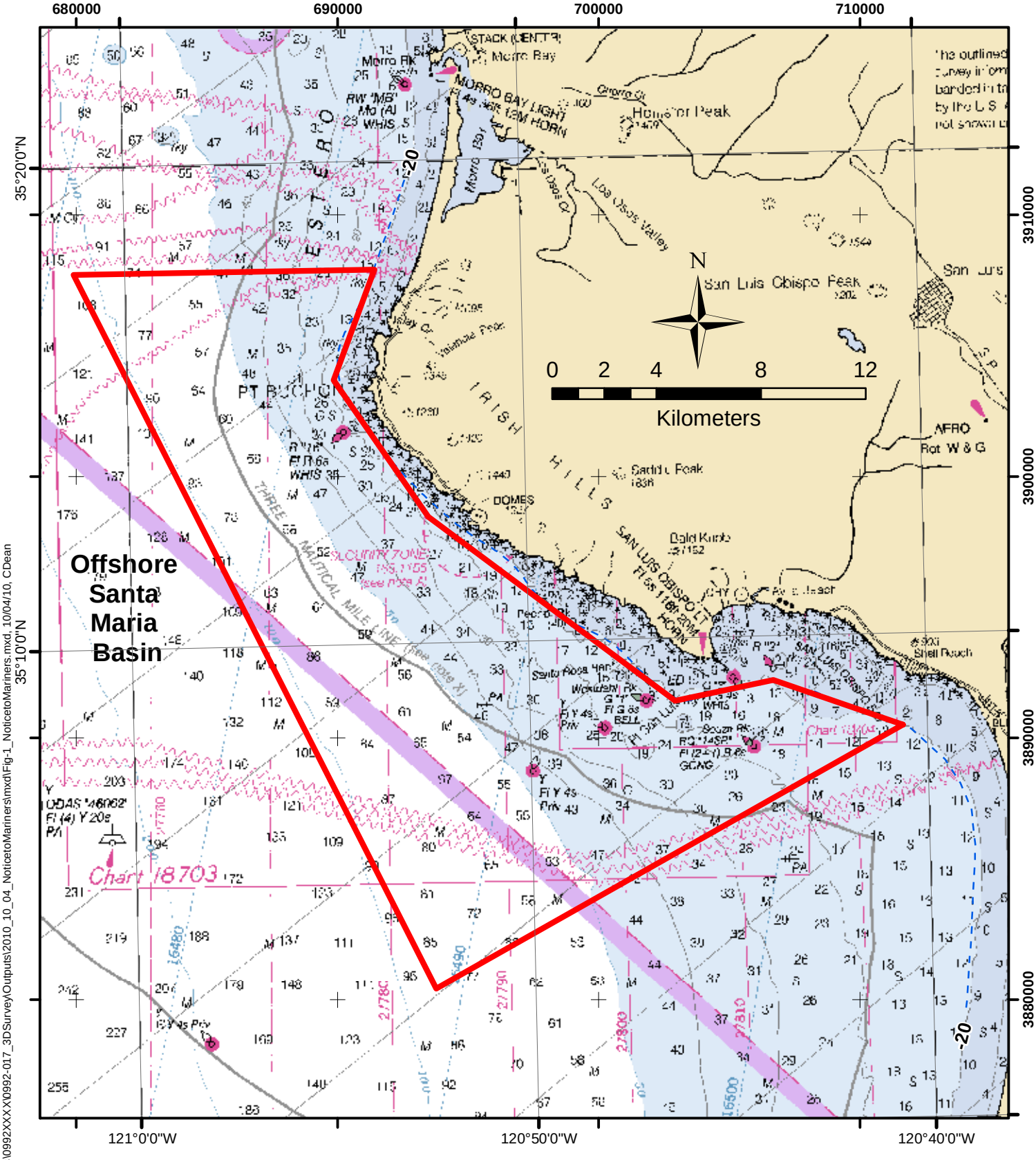
Lake Mead Intake Construction
1300 Foot Radius
36°05'23.677501"N
114°45'59.925819"W
166
Lake Mead National Recreation Area
Nevada
Lake Mead
Arizona
0
0.46mi
For Official Use Only
Not for Navigational Use

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

Commander
United States Coast Guard
Sector San Diego

2710 N. Harbor Drive
San Diego, CA 92101-1064
Phone: (619) 278-7262
Fax: (619) 278-7235

FUGRO SURVEY AREA



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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