



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

---

## LOCAL NOTICE TO MARINERS

**District: 11**

**Week: 30/20**

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

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2017 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 49th Edition. These publications, along with corrections, are available at: <https://nauticalcharts.noaa.gov/>

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0011-20, SF-0083-20, LA-0102-20, and SD-0042-20 have been incorporated in this notice, or will continue if still significant.

---

### SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

#### SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at <http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/> or call D11 Waterways Management Branch 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- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the Delay\_Report\_11-2017.pdf included in the Enclosures section of this Local Notice to Mariners.

#### BRIDGE INFORMATION-COMMUNICATIONS PROTOCOL-BENICIA/MARTINEZ UPRR BRIDGE- CARQUINEZ STRAIT

All mariners requiring a bridge lift at the Benicia-Martinez Union Pacific Railroad Bridge, mile 7.0, over the Carquinez Strait, California, should follow the protocol in the document entitled "Coordination of Communications for Union Pacific Railroad Lift Operations." Mariners can download a copy of the document by selecting the link BENICIA-MARTINEZ RR BRIDGE under the QUICK LINKS section at <https://www.pacificarea.uscg.mil/vtssf>.

#### CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids to navigation with varying degrees of reliability. Prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid to navigation. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of the practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision in position fixing methods, prevailing atmospheric and sea conditions, slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying length of chain, and the fact that the buoy body and/or sinker positions are not under continuous surveillance, but are normally checked only during periodic maintenance visits which often occur more than a year apart. Due to the forces of nature, the position of the buoy body can be expected to shift inside and outside the charted symbol. The mariner is also cautioned that buoys may be extinguished or sound signals may not function as the result of natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Furthermore, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction that the buoy marks.

#### HUMBOLDT BAY-SHOALING

Due to shoaling at the south jetty tip of Humboldt Bay Bar, swells in excess of 8ft may adversely affect the main shipping channel. Mariners are requested to transit the area with caution. For more details of comments contact the United States Coast Guard sector Humboldt Bay at 707-839-6113.

#### NORTHERN CALIFORNIA-NEW YORK SLOUGH-WAMS ANNOUNCEMENT

The U.S. Coast Guard is conducting a Waterways Analysis Management System (WAMS) review of New York Slough, located between Browns Island and Pittsburgh in proximity to Suisun Bay. The WAMS Survey will be active until 15 Sep 2020 and can be found by using the following link: <https://www.surveymonkey.com/r/NYSLOUGH2020>. This questionnaire seeks to obtain data on the effectiveness of the system of Aids to Navigation in New York Slough, as well as other waterway safety concerns. This Coast Guard will use this information to ensure that the aids are serving their intended purpose. The Coast Guard also uses the concerns of waterways users to assist with other or future waterway management decisions. Any interested company or individual wishing to provide recommendations on existing or additional aids to navigation in this area are welcome to participate by submitting a user survey. For more details or comments, contact Sector San Francisco Waterways Department, BOSN Mickey Price at Mickey.T.Price@uscg.mil or (415) 399-7442.

LNM: 29/20

**NORTHERN CALIFORNIA-SAN FRANCISCO-MILE ROCKS LIGHT-REDUCED NOMINAL RANGE**

Mile Rocks Light (LLNR 365) will have a temporarily reduced intensity of 5nm until further notice. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801.

Charts: 18007 18010 18020 18022 18640 18645 18649 18680

LNM: 16/19

**SAN DIEGO-SANTA BARBARA-OBSTRUCTION**

There is flag pole located in front of Santa Barbara Harbor Breakwater light (LLNR 3750). The flag pole is approximately 8-10 feet away from the aid, extends about 4-5 feet above the light and is at a bearing of 062. There is a possibility that the flagpole may obscure the visibility of the light if mariners are approaching from that bearing. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Diego at 619-278-7000.

LNM: 27/20

**SOUTHERN CALIFORNIA-SAN DIEGO-SUBMERGED OBJECT**

A large ship anchor and 300 feet of anchor chain have been reported lost in 39 ft of water one nautical mile west of Silver Strand State Beach at 32-38-24N 117-10-08W. Mariners are requested to transit the area with caution. For more details or comments contact sector San Diego at 619-278-7000.

Chart 18773

LNM: 27/20

**SECTION II - DISCREPANCIES**

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	ADRIFT	18022	SD-0039-18	52/16	
365	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
380	Noonday Rock Lighted Bell Buoy 28	MISSING	18645	SF-0161-18	44/18	
395	Bodega Head Lighted Whistle Buoy 30	MISSING	18643	SF-0059-20	25/20	
415	Arena Cove Lighted Bell Buoy A	SINKING	18640	HB-0010-20	25/20	
562	NOAA Environmental Lighted Buoy 46027	MISSING	18603	HB-0008-19	17/19	
2295	Oceanside Breakwater Light 1	DAYMK MISSING	18758	SD-0020-19	16/19	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2641	Isthmus Cove Harbor Reefs Light	STRUCT DEST/TRLB	18757	LA-0094-18	29/18	
2670	Santa Catalina Island West End Light	LT EXT	18757	LA-0113-19	34/19	
2826	Anaheim Bay Channel Light 11	STRUCT DEST/TRLB	18749	LA-0143-19	41/19	
3970	Monterey Harbor Light 6	SS INOP	18685	SF-0064-20	27/20	
4135	Pillar Point Harbor Entrance Lighted Buoy 2	LT EXT	18682	SF-0014-20	04/20	
4245	Mile Rocks Light	REDUCED INT	18649	SF-0251-17	49/17	
4610	Oakland Outer Harbor Range B Front Light	LT EXT	18650	SF-0057-20	23/20	
4645	Oakland Outer Harbor Light 7	STRUCT DMGD/TRLB	18650	SF-0089-18	23/18	
4650	Oakland Outer Harbor Light 9	STRUCT DEST/TRLB	18650	SF-0058-18	26/18	
4912	Lash Terminal Approach Lighted Buoy 2	SINKING	18650	SF-0040-20	16/20	

5130	San Francisco Bay South Channel Light 8	DAYMK MISSING	18651	SF-0023-20	08/20
5180	Redwood Creek Entrance Light 2	STRUCT DEST/TRLB	18651	SF-0153-15	34/15
5240	Redwood Creek Light 13	STRUCT DMGD/TRLB	18651	SF-0201-17	41/17
5250	Redwood Creek Light 16	STRUCT DMGD/TRLB	18651	SF-0109-19	43/19
5515	San Francisco Bay North Channel Lighted Buoy 14	MISSING	18649	SF-0074-20	29/20
6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036-17	05/17
6785	San Joaquin River Light 30	STRUCT DEST/TRLB	18660	SF-0018-19	05/19
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0072-19	23/19
7240	Sacramento River Deep Water Ship Channel Light 16	STRUCT DEST/TRLB	18660	SF-0127-18	34/18
7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17
<b>7520</b>	<b>Sacramento River Deep Water Ship Channel Light 69</b>	<b>LT EXT</b>	<b>18660</b>	<b>SF-0082-20</b>	<b>30/20</b>
<b>7525</b>	<b>Sacramento River Deep Water Ship Channel Range C Front Light 70</b>	<b>LT EXT</b>	<b>18662</b>	<b>SF-0083-20</b>	<b>30/20</b>
7780	Bodega Harbor Channel Light 2	STRUCT DMGD	18643	SF-0184-17	34/17
7795	Bodega Bay Harbor Light 4	STRUCT DEST/TRLB	18643	SF-0193-18	52/18
7865	Bodega Harbor Channel Daybeacon 18	STRUCT DMGD/TRUB	18643	SF-0256-17	50/17
7885	Bodega Harbor Channel Daybeacon 22	STRUCT DEST/TRUB	18643	SF-0069-12	01/13
7954	Bodega Harbor Channel Daybeacon 35	STRUCT DEST/TRUB	18643	SF-0001-19	02/19
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
8515	Lake Tahoe Buoy Z	DAYMK IMCH	18665	SF-0069-20	27/20
8520	Lake Tahoe Lighted Danger Buoy AA	DAYMK IMCH	18665	SF-0068-20	27/20
8525	Lake Tahoe Buoy AB	DAYMK IMCH	18665	SF-0067-20	27/20

#### DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2575	San Clemente Island Light	WATCHING PROPERLY	18763	SD-0032-20	21/20	30/20

#### DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20	Ocean Beach Pier Fog Sound Signal	SS INOP	18765	SD-0002-19	05/19	
158	Scripps Waverider Lighted Research Buoy 092	OFF STA	18746		45/18	
1765	Harbor Island East Basin Channel Buoy 2	OFF STA	18773	SD-0028-19	19/19	
1790	Harbor Island East Basin Channel Buoy 10	OFF STA	18773	SD-0044-19	27/19	
1900	Glorietta Bay Channel Lighted Buoy 8	LT IMCH	18773		50/18	
2065	Coronado Cays Channel Light 2	LT EXT	18773	SD-0047-19	29/19	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
<b>2288</b>	<b>Scripps Waverider Lighted Research Buoy 220</b>	<b>OFF STA</b>	<b>18765</b>	<b>SD-0041-20</b>	<b>30/20</b>	
2289.1	Scripps Waverider Lighted Research Buoy 100	OFF STA	18765		22/20	
2289.4	Scripps "CORDC" Lighted Research Buoy	MISSING	18765		22/20	
3339.2	REDONDO HARBOR LIGHT	LT EXT	18744	LA-0181-18	52/18	
3420	Hyperion Lighted Gong Buoy 10 ES	LT EXT	18744		16/20	
3972.1	Monterey Harbor Junction Lighted Buoy A	MISSING	18685	SF-0019-20	05/20	
4401	Richardson Bay Daybeacon 8	DAYMK DMGD	18653		15/20	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	

4470	San Francisco-Oakland Bay Bridge Pier H Fog Signal	SS INOP	18650	SF-0031-20	11/20
4475	San Francisco-Oakland Bay Bridge Pier I Fog Signal	SS INOP	18650	SF-0031-20	11/20
4826	Bay Farm Island Light 1	LT EXT	18650	SF-0014-19	05/19
4826.15	Bay Farm Island Light 3	LT EXT	18650	SF-0014-19	04/19
4827.1	Anchorage 9 Lighted Mooring Buoy A	LT EXT	18650	SF-0012-20	04/20
4828.1	Anchorage 9 Lighted Mooring Buoy B	LT EXT	18650	SF-0013-20	04/20
5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT	18653	SF-0029-20	10/20
5661	Southampton Shoal Outfall Lighted Buoy 1	LT EXT/RAC INOP	18653	SF-0026-19	07/19
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING	18653		36/18
6623	New York Slough Koch West Light	LT IMCH	18659		39/18
6624	New York Slough Koch East Light	LT EXT	18659		39/18
6645.5	Delta Diablo Outfall Lighted Buoy	BUOY DMGD	18659		39/18

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1775	Harbor Island East Basin Channel Buoy 4	RESET ON STATION	18773		29/20	30/20

**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
3775	Santa Barbara Harbor Lighted Buoy 7	RELOCATED FOR DREDGING	18725	LA-0057-20	16/20	
3785	Santa Barbara Harbor Lighted Buoy 11	RELOCATED FOR DREDGING	18725	LA-0058-20	16/20	
3792	Santa Barbara Harbor Lighted Buoy 12	RELOCATED FOR DREDGING	18725	LA-0059-20	16/20	
3855	Morro Bay Channel Lighted Buoy 4	DISCONTINUED FOR DREDGING	18703		18/20	
3856	Morro Bay Channel Lighted Buoy 4A	DISCONTINUED FOR DREDGING	18703		18/20	
3860	Morro Bay Channel Lighted Buoy 5	DISCONTINUED FOR DREDGING	18703		18/20	
3865	Morro Bay Channel Lighted Buoy 6	DISCONTINUED FOR DREDGING	18703		18/20	
3870	Morro Bay Channel Lighted Buoy 7	DISCONTINUED FOR DREDGING	18703		18/20	
3875	Morro Bay Channel Lighted Buoy 8	DISCONTINUED FOR DREDGING	18703		18/20	
<b>6665</b>	<b>San Joaquin River Daybeacon 1</b>	<b>TRUB</b>	<b>18659</b>	<b>SF-0075-20</b>	<b>30/20</b>	

**TEMPORARY CHANGES CORRECTED**

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNLM St	LNLM End
------	--------	----------	----------	---------	----------

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNLM St	LNLM 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						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01 at 40-41-09.001N	074-02-48.001W
Corrective Action	Green can	Object of Corrective Action			Position	

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

18725	30th Ed.	01-JUN-13	Last LNM: 21/20	NAD 83	30/20
Chart Title: Port Hueneme to Santa Barbara; Santa Barbara; Channel Islands Harbor and Port Hueneme; Ventura					
CHART CA - PORT HUENEME TO SANTA BARBARA. Page/Side: N/A					
CHANGE	Santa Barbara Breakwater Extension Light Change from 17ft to 25ft			CGD11 at 34-24-27.936N	119-41-16.260W
Inset 1885 SANTA BARBARA. Page/Side: N/A					
CHANGE	Santa Barbara Breakwater Extension Light Change from 17ft to 25ft			CGD11 at 34-24-27.936N	119-41-16.260W

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)

SOUTHERN CALIFORNIA-ANAHEIM BAY-TEMPORARY CHANGE

The U.S. Coast Guard will temporarily change the following aids to floating aids in regards to the Anaheim Bay Project:

- Anaheim Bay Channel Light 9 LLNR (2820)
- Anaheim Bay Channel Light 10 LLNR (2825)
- Anaheim Bay Channel Light 11 LLNR (2826)
- Anaheim Bay Channel Light 13 LLNR (2827)
- Anaheim Bay Channel Light 17 LLNR (2829)

For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18749

LNLM: 15/20

SOUTHERN CALIFORNIA-NEWPORT BAY CHANNEL-AID CONVERSION

The U. S. Coast Guard is proposing to make the temporary buoy for Newport Bay Channel Light 11 (LLNR 2470) a permanent buoy. For more details

---

---

### 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

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			
<u>Proposed Change Notice(s)</u>			
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-BULLHEAD CITY-COLORADO RIVER-DAVIS DAM**

A rocky shoal has been reported below the Davis Dam in position 35-11-34N 114-34-16W where depths are reported between 5' to less than 1' depending upon the outflow from the dam. Recreational vessels have been seen running aground after making contact with the rocks as there are no signs or buoys marking the area. Mariners are requested to transit the area with caution. For more details or comments contact USCG Sector San Diego at 619-278-7073.

LNM: 16/18

#### **NEWPORT BAY-TEMPORARY MOORING BUOY**

A 5ft diameter temporary mooring buoy has been installed at 33-37-53N 117-55-12W in Newport Beach turning basin until 30 Nov 20. M/V INVICTUS will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Cuan Nicolay at 323-533-1314.

LNM: 26/20

#### **NORTHERN CALIFORNIA-CORDELL BANK-SURVEY OPERATIONS**

NOAA has deployed two research moorings in the following positions:

38-03-03N 123-27-24W

34-03-24N 123-29-09W

These are orange mooring buoys that have a flat surface float, flagpole, flag, and radar reflector. R/V MUSSEL POINT will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Danielle Lipski at 415-464-5264.

Charts: 18010 18645

LNM: 52/18

#### **NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE**

BON AIR RD BRIDGE REPLACEMENT-Construction of the replacement bridge is in progress. A temporary work trestle spans the channel and provides 20' of horizontal clearance, pile to pile, and 3' of vertical clearance from mean high water to the lowest hittable portion of the trestle (see BonAirRd\_Trestle.pdf at the end of this notice for navigation channel location). Four cofferdams have been placed within the creek to facilitate construction of the replacement bridge piers. Work will be conducted Monday through Saturday from 0700-1800. Mariners are requested to transit the area with caution. For conditions at the construction site, mariners can contact the contractor at 925-953-4610/916-919-2428 or the city at 415-259-7050. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 41/18

#### **NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE**

AMERICAN RIVER (DOWNRIVER) BRIDGE (CA RT 160)-Caltrans' contractor Dutra has begun a scour mitigation project at each in-water pier of the bridge. Work will be conducted 0600 to 2200, Monday through Sunday, through 15 Oct 20. The tug "SEA TOW", three 30' x 60' flexi float spudded barges, one equipped with a 336 Excavator and two as material/support barges, with a work boat and miscellaneous small skiffs, will be utilized on the project at various times at each pier of the bridge. A temporary trestle will be erected from the northeast river bank between the upriver and downriver bridge and extend 30' into the river. The upriver and downriver outer corners of the trestle will be lighted at night. After normal working hours, the barges will be left on-scene/unmanned, either spudded in the river or moored to the trestle. Each corner of each barge will be lighted at night. In the event a barge breaks away from its mooring, it can be retrieved within one-hour of notification by contacting Dutra at 707-974-9937, 707-333-5029, 707-974-7487 or 415-680-8970. For conditions at the site during working hours, mariners can contact the "SEA TOW" on VHF-FM chan. 13, 14, or 16, or via cell at 415-720-7012. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18662

LNM: 30/20

#### **NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE**

WOODWARD ISLAND REMOVABLE SPAN BRIDGE- On 23 Jul 20, the Coast Guard issued a Notice of Proposed Rulemaking for the Woodward Island Bridge, mile 11.8, over Middle River, between Upper Jones Tract and Woodward Island, near Discovery Bay, San Joaquin County, California.

**NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE**

The proposed rule is as follows: The removable span of the Woodward Island Bridge, mile 11.8, near Discovery Bay, shall be removed as soon as possible upon notification by the District Commander that an emergency exists which requires its removal.

The public will be allowed to submit comments concerning this proposed rule, identified by docket number USCG-2020-0137, by using the Federal eRulemaking Portal at <http://www.regulations.gov> through 21 Oct 20.

For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 30/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE**

I-5 DUAL BRIDGE-Caltrans' contractor has begun installing three temporary trestles to facilitate retrofit of the dual bridge, one upstream, one downstream and one between the dual bridge. The temporary trestles will provide 11 feet of vertical clearance from Mean High Water to low steel of each trestle and 30 feet of horizontal clearance between bents 2 and 3. The vertical clearance can fluctuate due to changes in the water surface elevation caused by runoff, snowmelt and dam releases. The upstream and downstream temporary navigation span, between bents 2 and 3, will be lighted at night with steady burning green lights. The upstream and downstream faces of bents 1, 2, 3 and 4 will be lighted at night with steady burning red lights (See I-5\_MokeRiver\_Trestles.pdf at the end of this notice for lighting diagram.) Work will be conducted Monday through Friday, 0600 to 1530, through 21 JUL 21. For information at the construction site mariners can contact 916-208-6416, 209-518-6936, 916-283-9949, 916-757-2989 or 530-409-8103. Mariners are requested to use extreme caution when transiting the work site as there will be cranes working over the channel. For further information, mariners can contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18662

LNM: 27/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE**

CA ROUTE 12 BRIDGE-The swing span of the bridge will be secured in the closed-to-navigation position Monday through Friday from 2200 to 0600, 02 Aug through 28 Aug 20 for bridge rehabilitation. The bridge provides 7 feet of vertical clearance from mean high water to low steel in the closed-to-navigation position. Vessels able to transit the bridge in the closed-to-navigation can continue to do so at any time. While in the closed position, either the northwest or the southeast channel will be open to vessel traffic. A 15 foot wide temporary platform will be suspended from the swing span at various locations during the project reducing vertical clearance of the bridge by 5 feet. The upriver and downriver lower edges of the temporary platform will be lighted at night with steady burning red lights so as to be seen by approaching vessels at 2,000 yards (See MokeRiver\_PlatformLighting.pdf at the end of this notice). During non-working hours, the temporary platforms will be moved up against the piers, out of the way of the navigation channels and the swing span will resume normal operations. In the event of an emergency the bridge can be back to normal operations with an two-hour advance notice. Questions concerning this project can be addressed by calling the Coast Guard Bridge Office at 510-219-4366 or emailing Carl.T.Hausner@uscg.mil.

Chart 18661

LNM: 29/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-NOYO RIVER-DREDGE OPERATIONS**

Camenzind Dredging Inc. will be conducting continuous dredging operations in Noyo River between 39-25-39N 123-48-39W and 39-25-27N 123-48-08W, 24 hours a day, 7 days a week from 28 Jul 20 until 01 Nov 20. Dredged material will be disposed at Historical Upland Disposal Site. The submerged pipeline will be marked with yellow floats and anchors with white buoys. D/V PAUL VINCENT, Work boat FESTER, and various skiffs will be monitoring VHF-FM Chan. 16 and 68. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager, Kurt Camenzind at 650-424-0367.

Chart 18626

LNM: 29/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

PAINTERSVILLE DRAWBRIDGE-Retrofit of the bridge is being conducted 0700 to 1900 Monday through Friday, through 31 Oct 20. The existing dolphins will be removed and will not be reinstalled until retrofit of the four in-water piers are complete. A 60' X 160' crane barge, a 50' X 160 Kelso barge and a 50' X 150' material barge will be spudded down on-scene during the work. Barges will be left on-scene, unmanned, overnight. The upstream and downstream navigation channel piers will be lighted at night with steady burning all-round red lights. Beginning 01 Aug 20, the double leaf bascule span will begin one-leaf operation. During one leaf operation, the bridge will provide 77 feet of horizontal clearance from the tip of the raised leaf to the edge of the secured leaf and unlimited vertical clearance. Further information concerning this project will be provided in LNM 25/20. Please contact the Coast Guard Bridge Office at 510-219-4366 to comment on this project.

Chart 18662

LNM: 26/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

ISLETON DRAWBRIDGE-Underwater hydrographic cable surveying dive operations will be conducted by Harbor Offshore, utilizing a 28' x 8.5' dive vessel, 0700-1900, 23-27 Jul 2020. There will be a three man dive team, with one man in the water at a time. All approaching vessels must contact the vessel, "Harbor Offshore Dive Boat", on VHF-FM Chan. 16 or by cell 707-759-0243 or 206-391-4077, one hour before transiting the bridge dive site. Vessels requiring a drawspan opening to pass must contact the appropriate bridge tender at least 1-hours prior to transiting the bridge. Mariners are requested to transit the area of the divers with extreme caution. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18662

LNM: 29/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

RIO VISTA DRAWBRIDGE-Temporary platforms are installed beneath low steel of the bridge in spans 2 and 8 reducing vertical clearance in those spans by no more than 4 feet through 01 Oct 20. The upriver and downriver temporary platforms and associated support cables are lit at night with steady burning red lights (see RVBridge\_PlatformCable\_Lighting.pdf enclosure at the end of this notice.) At no time will the lift span of the bridge be impacted. Mariners are urged to use alternate spans of the bridge. For conditions at the bridge, mariners can contact the contractor at 925-260-2104 or 925-260-1884. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 22/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

TOWER DRAWBRIDGE FENDER REPLACEMENT PROJECT-Caltrans' contractor, Golden State Bridge, is currently replacing the western tower fender from 0700 to 1900, seven days a week, through 31 Oct 20. An 80' X 60' X 7' crane barge and an 80' X 40' X 7' excavator barge will be spudded down just inboard of the west pier during the work day leaving 111' of horizontal clearance in the drawspan for vessels. For the safety of navigation,

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

barges can be moved with a 2-hour advance notice to the Tug SS Piper via VHF-FM Chan. 16. After normal working hours the barges will be moved and spudded down outboard of the west pier, outside the bridge's drawspan. To report a breakaway barge contact 925-726-7085. The barges will be lighted at night with steady burning all-round red lights (see Tower\_Fender\_Barge\_Lighting.pdf in the enclosure section of this notice). At no time during the work will the operation of the drawspan be impeded. For conditions at the work site contact Caltrans at 530-701-2910. For more details or comments contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18662

LNM: 26/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

PIONEER BRIDGE-Caltrans' contractor has temporarily moored two 130' X 80' barges just upstream on the northwest (West Sacramento riverbank) side of the bridge at a staging area for supplies for the 2020-2021 fender replacement project at the Tower Drawbridge (See Pioneer\_Barge\_Mooring.pdf in the enclosure section of this notice). Barges may or may be at the site depending on the status of work at the Tower Bridge. When moored, the outboard corners of the barges will be lighted at night with steady burning white lights so as to be seen by approaching vessels at 2,000 yds. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662

LNM: 26/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**

ELKHORN FERRY (I-5) BRIDGE-The upstream clearance gauge is missing. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18664

LNM: 13/19

**NORTHERN CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE**

RIPON (CA RTE 99) BRIDGE-Modification of the bridge is in progress. A temporary trestle has been erected across the river to facilitate bridge modification work activities. A San Francisco Coast Guard Captain of the Port Safety Zone has been established in and around the work site restricting mariners from entering the zone without the explicit permission of the Captain of the Port or designated representative. The safety zone is in effect from 1201 on 15 Jun 20 through 2359 on 07 Nov 20. If given permission, vessels transiting the work site will find the temporary navigation span at the center of the river. The temporary navigation span provides at least 9 feet of vertical clearance, from the summer water surface elevation to low steel, and 12 feet of horizontal clearance, in the center of the river. The upriver and downriver center of the temporary navigation channel is marked with an all-round green light and the upriver and downriver navigation channel trestle bents are marked with all-round red lights. (See RiponBridgeTrestleLighting.pdf enclosure at the end of this notice.) Temporary buoys, upriver and downriver of the bridge, mark safe passage for mariners. For information at the project site, mariners can contact the contractor at 916-869-4423; 916-200-8706 or Caltrans at 209-609-4910; 209-470-8790. For further information concerning the project contact the Coast Guard Bridge Office at 510-219-4366.

LNM: 27/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-STEAMBOAT SLOUGH-BRIDGE**

STEAMBOAT SLOUGH DRAWBRIDGE-Due to a computer failure the bridge is only conducting single leaf operations. The bridge's south leaf will open for the passage of vessels. When open, the south leaf channel provides 90 feet of horizontal clearance. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18662

LNM: 30/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE**

THREE MILE SLOUGH DRAWBRIDGE-The drawspan is secured in the closed-to-navigation position due to operational failure. Estimated time of repair 28 AUG 20. The bridge provides 12' of vertical navigational clearance at mean high water when closed. Vessels able to transit the bridge while closed can continue to do so at any time. For more details or comments contact the Coast Guard Bridge at 510-437-3516.

Chart 18661

LNM: 27/20

**NORTHERN CALIFORNIA-HUMBOLDT BAY-HAZARDOUS CONDITIONS**

Humboldt Bay entrance is observing a reduced deep draft limit to 34' based on a +6' tide until maintenance dredging can be performed. Hazardous conditions with breaking surf and heavy shoaling have been observed in the vicinity of Humboldt Bay Lighted Buoy 9 (LLNR8195). Mariners are requested to transit the area with caution and contact U. S. Coast Guard Sector Humboldt Bay on VHF-FM Chan. 16 for assistance. For more details or comments contact U.S. Coast Guard Sector Humboldt Bay at 707-839-6113.

Chart 18622

LNM: 50/18

**NORTHERN CALIFORNIA-MIDDLE RIVER-POTENTIAL OBSTRUCTION TO NAVIGATION**

There is a potential obstruction to navigation in the Middle River at the entrance to Empire Cut at 37-58-18N 121-31-18W. The obstruction is a partially submerged metal pipe. Mariners are requested to transit the area with caution. For more details or comments contact LT Emily Rowan at 415-399-7443.

Chart 18661

LNM: 46/19

**NORTHERN CALIFORNIA-MISSION BAY-MARINE CONSTRUCTION**

Connolly-Pacific will conduct marine construction to Mission Bay North & Middle Jetties daily from 0700-1900 until 31 Dec 2020. D/B LONG BEACH will use anchors to position itself along the jetties in the following positions:

DB LONGBEACH-32-45-27N 117-15-36W

Anchor 1-32-45-29N 117-15-41W

Anchor 2-32-45-25N 117-15-41W

Anchor 3-32-45-27N 117-15-29W

Anchor 4-32-45-29N 117-15-29W

Round white cans will mark the location of anchors and are equipped with radar reflectors, and with a light characteristic of fl W2s. Mooring cans will be placed in Mission Bay Channel along Mariner's Point Park before West Mission Bay Drive Bridge. The M/V PATCONA or M/V LARCONA will monitor VHF-FM chan. 13, 16, and 79A. The D/B LONG BEACH will monitor VHF-FM chan. 79A. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814 or Caleb Shen at 562-577-0735.

Chart 18765

LNM: 30/20

**NORTHERN CALIFORNIA-MOSS LANDING-WAVEGLIDER DATA COLLECTION**

Monterey Bay Aquarium Research Institute (MBARI) is conducting 24 hours per day 7 days a week autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders until 31 Dec 20. Vehicles will be deployed in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-12N and 37-12-00N and will extend shoreward as far West as 122-58-35W. Operations consist of scientific ocean data collection. The Waveglider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from MBARI, moving at speeds of ~1kt, and designed to give way or part if encountered by a vessel. It is approximately 6.5' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 3' above the water surface, supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700, waveglider@listserver.mbari.org or Liquid Robotics 24/7 WGOE Operations at 888-574-4574.

Chart 18685

LNM: 25/20

**NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed Lighted Waverider Research Buoy Station 029 (LLNR 5791) in position 37-56-12N 123-27-46W, approximately 22 nm west off Pt. Reyes, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18010

LNM: 44/19

**NORTHERN CALIFORNIA-OFFSHORE MONTEREY BAY-BUOY DEPLOYMENT**

NOAA has deployed two research buoys at the following coordinates:

36-07-03N 125-08-00W

36-01-40N 125-06-21W

These are 3' yellow octagonal research buoys with Fl W 4s light characteristics. Mariners are requested to transit the area with caution. For more details or comments contact Danny Devereaux at 206-526-6177.

Charts: 501 18010 18020 18022

LNM: 37/19

**NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE**

BLACKPOINT RAILROAD DRAWBRIDGE-The upstream fender system protecting the swing span has been destroyed and does not offer protection for vessels or the bridge. Mariners are urged to use caution while transiting the bridge.

BLACKPOINT HIGHWAY 37 BRIDGE-The fenders channelward side of the western pier are damaged. Estimated time of repair unknown.

For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18654

LNM: 10/18

**NORTHERN CALIFORNIA-PINOLE SHOAL-SHOALING**

Pinole Shoal is observing a reduced deep draft on the south side edge of the channel in limited areas to 32.9' until maintenance dredging can be performed. For detail information on depths and locations please see <https://www.spn.usace.army.mil/Missions/Surveys-Studies-Strategy/Hydro-Survey/Pinole-Shoals-Channel/> for the Army Corp Hydro Survey. Mariners are requested to transit the area with caution. For more details or comments contact D11 Waterways Management at 510-437-2980.

Charts: 18654 18655

LNM: 05/19

**NORTHERN CALIFORNIA-RICHARDSON BAY-MARINE CONSTRUCTION**

Salt River Construction Corporation will be assisting with marine construction at a private residence in Richardson Bay, CA until 20 Dec 21. M/B YC42, C/B ALASKA, C/B MINK, along with the tug BRANDY BAR will be conducting operations. A mooring location will be located at 37-51-57N 122-27-54W. All vessels will monitor VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Charts: 18649 18653

LNM: 50/19

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-MARINE CONSTRUCTION**

Dutra Construction Company will conduct marine construction between the I Street Bridge and Tower Bridge at Raley's Landing in Sacramento, CA during daylight hours until Sept 2020. Crane barge 12 along with a work boat and small skiffs will be on scene monitoring VHF-FM Chan. 09, 16, and 68A. Mariners are requested to transit the area with caution. For more details or comments contact Todd Bruce at 707-974-9937.

Chart 18649

LNM: 41/19

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE**

Overhead power cables upstream of Sacramento River at 38-03-54N 121-47-09W have a reported reduced vertical clearance to 119.5'.

Chart 18660

LNM: 22/16

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-SAN JOAQUIN RIVER-MARINE CONSTRUCTION**

Dutra Construction Company will conduct marine construction in the vicinity of Sherman Island and Twitchell Island during daylight hours until 31 Dec 20. Crane barge 12, Crane barge KELSO, along with a work boat LINDA T and small skiffs will be utilized during operations. All vessels will monitor VHF-FM Chan. 09, 16, 77, and 80A. Mariners are requested to transit the area with caution. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18656

LNM: 18/20

**NORTHERN CALIFORNIA-SACRAMENTO-PARTIALLY SUNKEN VESSEL**

The Coast Guard has received a report of a 25' partially submerged pleasure craft on the North side of the I Street Bridge in Sacramento, CA, at approximate position 38-35-26N, 121-30-22W. Mariners are requested to transit the surrounding area with caution. For more details or comments contact LT Jennae Cotton at 415-399-3585.

Chart 18662

LNM: 09/20

**NORTHERN CALIFORNIA-SAN DIEGO BAY-DREDGE OPERATIONS**

**NORTHERN CALIFORNIA-SAN DIEGO BAY-DREDGE OPERATIONS**

Dutra Construction Company will be conducting dredge operations at the Valero refinery Dock in Benicia, CA at 38-02-33N 122-07-52W, 24 hours a day, 7 days a week from 06 Aug 20 until 30 Oct 20. All dredged material will be disposed of at Montezuma Wetlands. DB 24, 04 split hull scows, along with tugs HEIDI L BRUSCO and BECKY T will conduct operations and will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Dennis Salyers at 415-497-5289.

Charts: 18656 18660

LNM: 30/20

**NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION**

NOAA and the USCG request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10-knots when transiting the San Francisco Traffic Separation Scheme (SF TSS) until 15 Nov 20, to protect endangered blue, humpback and fin whales; see enclosure VSRMap2020\_SF.pdf. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq).

Please report any collisions with whales or any observed injured or dead whales to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

Charts: 18640 18680

LNM: 17/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

SAN MATEO/HAYWARD BRIDGE-Structural repairs to the superstructure of the bridge are being conducted from 0700 to 1530, Monday through Friday, through 15 May 22. Current location of work is at piers 16, 17 and 29. At no time will work be conducted or floating equipment placed in the main navigation span of the bridge, piers 19-20. Various size barges will be used during the project, the largest being a 100' X 20' flexifloat barge. During the work day, barges will either be spudded down or tied to the bridge piers, no anchors or anchor line will be utilized. After regular working hours, the unmanned barge will be left on-site unless inclement weather is anticipated, then the barges will be spudded down at pier 12, west of the main navigation span. For the safety of navigation, the barges can be moved with one-hour advance notice. For conditions at the bridge mariners can contact Golden State Bridge, Inc., on VHF-FM Marine Radio Channels 13, 14, and 16 or by cell phone at 707-246-0725, 925-260-2104, or 925-382-7288. For more details or comments contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18651

LNM: 27/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

GOLDEN GATE BRIDGE-Four 54' temporary under deck platforms; one 225' and one 1975' north of the south tower and one 175' and one 2025' south of the north tower have been installed at the bridge. Temporary platforms reduce vertical clearance at the bridge by no more than 14'. As the work progresses, the two outer platforms will be moved towards the towers and the two inner platforms moved towards the centerline of the bridge. The bridge's maintenance travelers are in use during the project and will remain outboard of the furthest north and furthest south temporary platforms. The temporary platforms and maintenance travelers are lighted at night with all-round red lights (see PlatformLighting\_GG\_Bridge22Jul20.pdf at the end of this notice). For navigational safety the maintenance travelers can be moved by contacting the Golden Gate Bridge at 415-923-2220. Work is being conducted Monday through Saturday, 0700-1700 and 2100-0500. For conditions at the bridge, mariners can contact the contractor at 415-716-0384. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649

LNM: 29/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS**

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of Southampton Shoal Light (LLNR 5480). Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or [ruth.a.sadowitz@uscg.mil](mailto:ruth.a.sadowitz@uscg.mil).

Chart 18649

LNM: 23/15

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-ISLAIS CREEK-BRIDGE**

THIRD STREET DRAWBRIDGE-The drawspan is secured in the closed-to-navigation position due to a structural defect. The bridge provides 4' vertical clearance above mean high water when closed. Vessels that can safely transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18650

LNM: 30/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-MARINE CONSTRUCTION**

Power Engineering Construction Company is conducting marine construction of the Treasure Island Ferry Terminal and north breakwater in San Francisco Bay, CA daily from 0600-1700 until 31 Dec 20. DB PACIFIC and RINGER will be on scene conducting operations and will utilize temporary anchorage locations at the following coordinates:

- 34-49-05N 122-22-24W
- 37-49-02N 122-22-22W
- 37-49-00N 122-22-21W
- 37-48-58N 122-22-37W
- 37-48-55N 122-22-32W
- 37-48-54N 122-22-31W
- 37-48-53N 122-22-28W

Temporary anchorage locations will be marked with 72" white round buoys with orange stripes and a flash characteristic of FI W 2s. All vessels will monitor VHF-FM Chan. 14. Mariners are requested to transit the area with caution. For more details or comments contact Wayne Stonecipher at 510-502-1510.

Charts: 18649 18650

LNM: 38/19

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING**

Shoaling has been reported on the south side of Oakland Inner Harbor South Channel in the east passage through the Fruitvale Ave. Bridge. Mariners are requested to transit the area with caution and report any observed changes in shoaling conditions to the San Francisco VTS on VHF-FM Chan. 14. For more details or comments contact U.S. Coast Guard Sector San Francisco Waterways Management at 415-399-7443.

Chart 18650

LNM: 16/15

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-PETALUMA RIVER**

Shoaling has been reported east of Petaluma River Entrance Channel Daybeacon 3 (LLNR 5985) in position 38-03-33N 122-27-06W. Shoaling has been reported to be as shallow as 6" up to 15yds east of the aid. Mariners are requested to transit the area with caution. For more details or comments contact LT Ruth Sadowitz at 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18654

LNM: 41/18

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-SOUTHAMPTON SHOAL CHANNEL**

The Army Corps of Engineers will be conducting an environmental impact study in the Southampton Shoal Channel as well as dredging operations at 37-54-19N 122-25-22W from 0800-1800 daily until 15 Nov 20. During this timeframe, ten 24" white, cylindrical buoys will be deployed outside of the shipping channel. Mariners are requested to transit the area with caution. For more details or comments contact LT Jennae Cotton at 415-399-3585.

Chart 18649

LNM: 26/20

**NORTHERN CALIFORNIA-SAN FRANCISCO-GEOPHYSICAL SURVEY**

The USGS Pacific Coastal and Marine Science Center is conducting a series of up to five one-day near shore geophysical surveys and up to three rapid-response surveys in Monterey Bay, CA until 01 Nov 21. A bathymetric survey using a two personal watercraft, each equipped with a 200 kHz single beam echo sounder, will be used to conduct cross shore transects from within the surf zone out to 1200m from shore to document the effects of large wave events on seafloor morphology. For more details or comments contact Tim Elfers at 831-460-7479.

Charts: 18680 18685

LNM: 07/20

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-SUBMERGED VESSEL**

The Coast Guard has received a report of a sunken vessel IVO San Francisco Pier 50 at approximate position 37-46-01N 122-22-38W. The vessel is approximately 20' and protruding 6' up from the sea floor. Mariners are requested to transit the area with caution. For more details or comments contact the CWO Mickey Price at 415-399-7442.

Chart 18640

LNM: 29/20

**NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-DREDGE OPERATIONS**

Dutra Construction Company will conduct maintenance dredge operations at the Georgia Pacific Dock in the San Joaquin River at 38-00-59N 121-46-32W, 24hrs per day 07 days week from 10 Aug 20 until 30 Oct 20. DB 24, 04 split hull scows, along with tugs HEIDI L BRUSCO and BECKY T will conduct operations. All dredged material will be disposed of at Montezuma Wetlands. All vessels will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Mr. Dennis Salyers at 415-218-6739.

Charts: 18656 18661

LNM: 29/20

**NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-MARINE CONSTRUCTION**

Shimmick Construction Company, Inc. (SCCI) is conducting marine construction for the Smith Canal Gate Project in the San Joaquin Deep Water Shipping Channel from 0600 to 1800 Monday through Saturday until 30 Nov 2022. Operations will be conducted between the following coordinates:

37-57-31N 121-21-11W

37-57-25N 121-21-08W

Staging Yard

37-57-09N 121-19-55W

Mariners are requested to transit the area with caution. For more details or comments contact Tyler Shell at 510-393-0308.

Charts: 18661 18663

LNM: 28/20

**NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGE**

BAY FARM ISLAND HIGHWAY BRIDGE-The south side lower slat on the fender system is missing. Mariners are urged to transit the bridge with caution. The bridge owner is in the process of designing a replacement pier protection system. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18649

LNM: 37/18

**NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMARINE CABLE**

Trans Bay Cable LLC owns and operates a chartered submarine cable that experiences intermittent exposures in San Pablo Bay. All vessels are advised not to anchor, use ground tackle, fish, or dredge in the vicinity of 38-03-27N 122-16-22W as this increases the risk of damage violating 47 USC 2. Mariners are requested to transit the area with caution. For more details or comments contact Trans Bay Cable Operations Center at operator@transbaycable.com or 925-427-9744.

Charts: 18654 18655

LNM: 25/20

**NORTHERN CALIFORNIA-SAN PABLO BAY-SUBMERGED OBSTRUCTION**

There are submerged piles partially exposed above the sediment surface south of Pinole Shoal Channel along the 30' contour between 38-03-14N 122-16-26W and 38-03-18N 122-16-15W. The piles are present along the slope of the natural shoal at heights ranging from approximately 1' to 5' above the sediment surface. For more details or comments contact Todd Muelhoefer of Coscol Petroleum Corporation at 719-520-4761.

Charts: 18654 18655

LNM: 47/17

**NORTHERN CALIFORNIA-SANTA CRUZ-HAZARDOUS CONDITIONS**

Santa Cruz Harbor is cautioning mariners of possible hazardous conditions with breaking surf and shoaling that may occur at Santa Cruz Harbor Entrance due to high surf and extreme tidal conditions in the vicinity of 36-57-37N 122-00-06W. Mariners are requested to transit the area with caution. For more details or comments contact Santa Cruz Harbor on VHF-FM Chan. 09 and 16 or at 831-475-6161.

Chart 18685

LNM: 46/17

**NORTHERN CALIFORNIA-SOUTHERN CALIFORNIA-MONTEREY BAY-CHANNELS ISLANDS-SUB-SURFACE OCEANOGRAPHIC INSTRUMENT MOORING**

The United States Navy, Naval Postgraduate School, Oceanography Department have deployed sub-surface oceanographic instrument moorings until 01 Nov 21. These sub-surface moorings are part of the Monterey Bay and Channel Islands Sound Scape Monitoring Project. These sub-surface moorings are located at the following coordinates:

**NORTHERN CALIFORNIA-SOUTHERN CALIFORNIA-MONTEREY BAY-CHANNELS ISLANDS-SUB-SURFACE OCEANOGRAPHIC INSTRUMENT MOORING**

36-47-53N 121-58-34W  
36-38-53N 121-54-30W  
34-02-38N 121-54-30W  
34-05-08N 120-31-24W  
33-50-56N 120-07-06W  
34-01-06N 119-19-00W  
36-22-13N 122-18-53W

Mariners are requested to transit the area with caution. For more details or comments contact Keith Wycoff at 831-656-2567.

Charts: 18685 18700 18720

LNM: 48/18

**NORTHERN CALIFORNIA-THREE MILE SLOUGH-PARTIALLY SUBMERGED DOCK**

The Coast Guard has received a report of a 30' partially submerged concrete dock in Three Mile Slough near the entrance to the San Joaquin River at approximate position 38-05-36N 121-41-06W. Mariners are requested to transit the surrounding area with caution. For more details or comments contact the Army Corps of Engineers at 415-289-3000.

Chart 18661

LNM: 28/20

**NORTHERN CALIFORNIA-WESTPOINT HARBOR-REDWOOD CITY-DREDGE OPERATIONS**

Lind Marine will conduct dredge operations at Westpoint Harbor Marina in Redwood City, CA at 37-30-50N 122-11-38W from 0600-1800 daily until 30 Oct 20. Vessels will transport dredged material to Alcatraz (SF-11) disposal site. Dredge barge SONNIE DELIGHT and/or DIGBY, 04 dump scows; along with tug BERNICE LIND will be on site monitoring VHF-FM Chan. 11, 13, and 14. Mariners are requested to transit the area with caution. For more details or comments contact Skyler Coleman at 707-291-6367.

Chart 18651

LNM: 22/20

**SAN DIEGO-UNMANNED MARITIME VEHICLE OPERATIONS**

Ocean Aero, Inc. will be conducting 24/7 autonomous, unmanned maritime vehicle operations in South Bay San Diego in the vicinity of 32-56-04.55N 117-17-11W until 15 Sep 20. The unmanned vehicle uses wind and solar energy to move in regular patterns at boat speeds up to 3 knots. The vehicle is white in color and looks like a small sailboat with an 8' mast and 360 degree white light. The vehicle is restricted in its ability to maneuver, so mariners are requested to transit the area with caution and maintain a safe distance of 500-yds from the craft. For more details or comments contact Bill Burns at 619-247-9073.

Chart 18773

LNM: 26/20

**SOUTHERN CALIFORNIA-SAN PEDRO CHANNEL-BOEING XLUUV OPERATIONS**

Boeing is conducting engineering sea trials for an extra-large unmanned under sea vehicle (USV) called ECHO VOYAGER in the vicinity of the San Pedro Channel and Northeast of Santa Catalina Island until 10 Oct 20 in the areas bound by the following coordinates:

OPAREA 1:

33-42-25N 118-19-55W  
33-39-43N 118-21-36W  
33-41-13N 118-24-37W  
33-43-48N 118-22-48W

OPAREA 3:

33-26-33N 118-26-55W  
33-25-33N 118-23-59W  
33-25-35N 118-21-19W  
33-29-14N 118-18-35W  
33-31-34N 118-23-31W  
33-28-10N 118-26-55W

In addition 03 wave gliders will be towed during daylight hours from R/V Beyster in OPAREA 3 until 31 Jul 20. M/V AMERICAN ISLANDER and Range Boat SB2 will be on scene and monitoring VHF-FM Chan. 16. Mariners are requested to keep 500 yds distance from the USV and M/V AMERICAN ISLANDER. Mariners are requested to transit the area with caution. For more details or comments contact the project manager Ross Peterson at 714-262-1580.

Chart 18022

LNM: 27/20

**SOUTHERN CALIFORNIA- DANA POINT TO POINT ARGUELLO - VOLUNTARY SPEED REDUCTION**

NOAA and the USCG request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10-knots or less when transiting from Dana Point to Pt. Arguello until 15 Nov 20, to protect endangered whales; see enclosure VSRMap2020\_SC.pdf. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (to protect endangered whales 16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.). Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the voluntary extended area to be avoided to reduce the overlap of ships and endangered whales.

Please report any collisions with whales or any observed injured or dead whales to the U.S. Coast Guard on VHF Channel 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

Charts: 18700 18720 18740

LNM: 17/20

**SOUTHERN CALIFORNIA- MORRO BAY-MARINE CONSTRUCTION**

Associated Pacific Constructors, Inc. will conduct marine construction at Roses Landing in Morro Bay, CA at 35-21-55N 120-51-13W until 31 Oct 20. A Modular crane barge will be on scene conducting operations and will monitor VHF-FM Chan. 09 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-772-7472.

Chart 18703

LNM: 17/20

**SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT**

Marine BioEnergy Inc. has deployed a temporary buoy near Catalina Island at 33-28-13N 118-29-33W. This will be a 7' yellow buoy with Fl Y 4s light

**SOUTHERN CALIFORNIA-CATALINA ISLAND-BUOY DEPLOYMENT**

characteristic. Mariners are urged to 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 Cindy Wilcox at 818-653-9017 or 818-952-6018.

Charts: 18746 18757

LNM: 47/19

**SOUTHERN CALIFORNIA-CONSTRUCTION-SAN DIEGO-SAN DIEGO BAY**

Manson Construction Co. is conducting construction activities in San Diego Bay at Naval Base San Diego Pier 8. This project includes demolition of the existing Pier 8 and rebuilding the Pier 8 replacement which will involve pile driving and pier construction utilizing derrick barges and flat barges. The approximate location of the project is 32-40-23.40 N, 11-07-21.76. This project is expected to be completed by 21 Apr 21. During construction operations, vessel operators with Manson Construction Co. can be contacted on VHF frequencies 13, 16, and 67. Mariners are requested to transit at their slowest safe speed to minimize wake while in the vicinity of construction operations and proceed with caution after passing arrangements have been made. For more details or comments contact Mr. Jack Fernandez at 904-495-4835.

Chart 18773

LNM: 20/20

**SOUTHERN CALIFORNIA-DEL MAR NEARSHORE-BUOY DEPLOYMENT**

Scripps Institution of Oceanography have deployed a buoy 1200 yds off the coast of Del Mar, CA at 32-57-23N 117-16-46W. The wave buoy is a 3' diameter sphere with an attached telemetry whip antenna and a yellow light FL (5) Y 20s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact James Behrens at 858-534-3032.

Charts: 18740 18765

LNM: 50/19

**SOUTHERN CALIFORNIA-ENCINITAS-DREDGE OPERATIONS**

Marathon Construction Corp. is conducting dredging and excavating channels within San Elijo Lagoon in the vicinity of 33-00-36N 117-16-30W until 28 Feb 21. The dredging equipment for the main channels will be a 16" cutter-section with 8" and 10" cutter-section dredges being used in the smaller feeder channels. Dredges are anchored and marked with anchor buoys. Mariners are requested to transit the area with with caution at slow speeds to minimize wake. For more details or comments contact Project Manager Jon Ruth at 619-962-1480 or Dane Kost at 619-607-2682.

Chart 18774

LNM: 02/18

**SOUTHERN CALIFORNIA-ESTERO BLUFFS STATE PARK-SUBMERGED ANCHOR CABLE**

Mariners and surfers in the vicinity of North Cayucos are advised of an anchor cable extending from the surf zone to the grounded F/V POINT ESTERO in the vicinity of Estero Bluffs State Park 35-26-51N 120-55-09W. The anchor cable is marked with multiple orange fenders with the end of cable connected to the vessel. For more details or comments contact Coast Guard Sector LA/LB Command Center at 310-521-3815.

Chart 18703

LNM: 43/17

**SOUTHERN CALIFORNIA-IMPERIAL BEACH-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy in position 32-34-10N 117-10-08W, approximately 2 NM off Imperial Beach, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18765

LNM: 35/18

**SOUTHERN CALIFORNIA-LONG BEACH HARBOR-MARINE CONSTRUCTION**

Curtin Maritime is conducting marine construction within Long Beach Harbor Back Channel and Pier S, 24 hrs per day 7 days a week until 31 Jul 20. Two temporary mooring buoys with steady burning all-round white lights will be located at 33-45-52N 118-13-18W and 33-46-02N 118-13-55W during operations. DB EEL PT, Scow RINCON, along with Support tugs SEANA C, and BABY T will be on scene monitoring VHF-FM Chan. 13,16, and 74. Mariners are requested to transit the area with caution. For more details or comments contact Dave Crimbchin at 562-852-4200.

Charts: 18746 18749

LNM: 18/20

**SOUTHERN CALIFORNIA-LONG BEACH HARBOR-MARINE CONSTRUCTION**

Manson Construction Co. will conduct marine construction in Port of Long Beach, CA at 33-45-06N 118-12-41W, 24 hours per day 6 days a week until 20 Aug 20. All material will be disposed of at the Western Anchor Sediment Storage Site (WASSS) at 33-43-21N 118-13-11W. Tug ELMER and Q1 scow will be on scene conducting operations and will monitor VHF-FM Chan. 16 and 66. Mariners are requested to transit the area with caution. For more details or comments contact Steven Marquez at 562-756-6689.

Chart 18751

LNM: 14/20

**SOUTHERN CALIFORNIA-LONG BEACH HARBOR-MARINE CONSTRUCTION**

Jilk Heavy Construction Co. will conduct marine construction in the Port of Long Beach, CA for Pier G Berths G12-G15 at 33-44-52N 118-12-22W, 24 hours per day 7 days a week until 31 Oct 20. Work skiffs will be on scene assisting with operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Chad Goodwin 310-505-3903.

Chart 18751

LNM: 10/20

**SOUTHERN CALIFORNIA-LOS ANGELES- LONG BEACH- BREAKWATER REPAIRS**

Connolly Pacific Co. will be conducting marine construction on LA/LB Harbor, middle breaker during the day from 0700-1900 until 31 Jul 20. The Derrick Barge LONG BEACH (DBLB) and Derrick Barge LOS ANGELES (DBLA) will use anchors to position itself along the breakwater. Mooring cans will be in proximity for the derrick barges to tie-up to during non-working hours. The anchors and mooring cans will be kept out of the main channel footprint. The tug DURANGO will be onsite monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Ron Allard at 562-577-0814.

Charts: 18746 18751

LNM: 26/20

**SOUTHERN CALIFORNIA-LOS ANGELES-BUOY DEPLOYMENT**

The Sanitation Districts of Los Angeles County have deployed two moorings located on the Palos Verdes Shelf at 33-46-04N 118-25-59W and 33-42-43N 118-20-01W until 05 Aug 20. The moorings have a surface buoy system that consists of a 6' spar approximately 2" in diameter with wraps of SOLAS reflective marine tape and a fluorescent orange radar reflector mounted at the top. Mariners are requested to transit the area with caution. For more details or comments contact Brent Haggin at 562-908-4288 ext. 5672.

**SOUTHERN CALIFORNIA-LOS ANGELES-BUOY DEPLOYMENT**

Chart 18746

LNM: 18/20

**SOUTHERN CALIFORNIA-LOS ANGELES-BUOY DEPLOYMENT**

The Sanitation Districts of Los Angeles County have deployed one mooring located on the Palos Verdes Shelf at 33-43-09N 118-23-38W until 10 Aug 20. The moorings have a surface buoy system that consists of a 3' diameter yellow float with stripes of SOLAS reflective marine tape and a flashing white light. Mariners are requested to transit the area with caution. For more details or comments contact Brent Haggin at 562-908-4288 Ext. 5672.

Chart 18746

LNM: 26/20

**SOUTHERN CALIFORNIA-LOS ANGELES-BUOY DEPLOYMENT**

The Sanitation Districts of Los Angeles County have deployed two mooring buoys located on the Palos Verdes Shelf at 33-46-04N 118-25-59W and 33-42-43N 118-20-01W until 03 Oct 20. The moorings have a surface buoy system that consists of a 6' spar approximately 2" in diameter with wraps of SOLAS reflective marine tape and a fluorescent orange radar reflector mounted at the top. Mariners are requested to transit the area with caution. For more details or comments contact Brent Haggin at 562-908-4288 ext. 5672.

Chart 18746

LNM: 27/20

**SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION**

Tetra Tech Inc. will conduct marine construction in Alamitos Bay, CA at 33-45-09N 118-07-27W, Monday thru Friday 0700-1600 until 01 Sep 20. Crane barge MEEK will conduct operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Steven Arteaga at 909-762-2243.

Chart 18749

LNM: 39/19

**SOUTHERN CALIFORNIA-LOS ANGELES-MARINE EVENT**

Cabrillo Beach Yacht Club will sponsor the Wet Wednesday sailboat race in Los Angeles Harbor, CA every Wednesday from 1700-2000, until 30 Sep 20. 40 sailing vessels 20'-40' in length will race between Angels Gate and Cabrillo Marina. Mariners are requested to transit the area with caution. For more details or comments contact Jonathan Mitsumori at 949-291-9050.

Charts: 18746 18749

LNM: 08/20

**SOUTHERN CALIFORNIA-MISSION BAY-FIREWORKS DISPLAY**

The Sea World Parks and Entertainment will sponsor the Fireworks at Sea World firework shoot every Saturday from 2030-2100 until 23 Aug 20. This event will take place from a barge located in Mission Bay, CA south of Fiesta Island at 32-46-04N 117-13-11W. Mariners are requested to transit the area with caution and maintain a 420' radius from the fireworks display. For more details or comments contact J. Scott Danielson at 619-456-7441.

Chart 18765

LNM: 25/20

**SOUTHERN CALIFORNIA-MONTEREY BAY-WAVE GLIDER**

The Jupiter Research Foundation (JRF) in collaboration with Monterey Bay Aquarium Research Institute (MBARI) will be conducting 24/7 autonomous, unmanned maritime vehicle operations of four Liquid Robotics, Wave Gliders (www.liquidr.com) from 01 Aug 20 until 30 Jan 21. We plan to deploy the vehicles in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-14 N and 37-12-00 N and will extend shoreward from as far West as 124 W longitude. Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from JRF or Liquid Robotics Wave Glider Operations Center (WGOC), moving at speeds of approximately 1.5kt, and designed to give way or part if encountered by a vessel transmitting AIS. It is approximately 10' x 2' (surfboard size), green/copper in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are advised to use caution when transiting the area. For further information, authorities and mariners can contact JRF operations at +1-650-947-9920, or Liquid Robotics 24/7 WGOC Operations at 888-574-4574, +1 408-636-4205.

Chart 18700

LNM: 29/20

**SOUTHERN CALIFORNIA-MORRO BAY TO SAN DIEGO-MARINE CONSTRUCTION**

Winspear Construction LLC. is rebuilding various Aton structures from Morro Bay, CA to San Diego, CA until 23 Aug 20. The structures listed below will undergo marine construction:

Marina Del Rey Breakwater South Light 1- LLNR 3445  
 Marina Del Rey Breakwater North Light 2- LLNR 3450  
 Isthmus Cove Harbor Reefs Light- LLNR 2641  
 Santa Barbara Breakwater Extension Light- LLNR 3767  
 Morro Bay West Breakwater Light- LLNR 240  
 Ventura Marina South Breakwater Light 3- LLNR 3685  
 Long Beach Light- LLNR 125  
 Long Beach Channel Entrance Light 2- LLNR 3015  
 Pier 400 Light B- LLNR 3127.2  
 Newport Bay West Jetty Light 3- LLNR 90  
 Newport Bay East Jetty Light 4- LLNR 2445  
 Point Arguello Light- LLNR 210  
 Zuniga Jetty Light W- LLNR 1535  
 Oceanside Breakwater Light 1- LLNR 2295

Mariners are requested to transit the area with caution. For more details or comments contact BMC Laughlin at 808-799-0562.

Charts: 18700 18703 18720 18721 18725 18740 18746 18749 18751 18754 18774

LNM: 30/20

**SOUTHERN CALIFORNIA-OFFSHORE HUNTINGTON BEACH-MARINE OPERATIONS**

Miller marine Science and Consulting, Inc. will conduct marine operations that include dredging, dive operations, and marine construction. Operations will be conducted offshore Huntington Beach, CA at 33-34-12N 118-00-00W until 20 Aug 20. M/V MOTHER GOOSE and SNOOPER 2 will assist with operations and will monitor VHF-FM Chan. 16. Mariners are requested to 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 Curt Siverts at 310-308-7162.

Charts: 18740 18746

LNM: 28/20

**SOUTHERN CALIFORNIA-OFFSHORE LOS ANGELES-MARINE CONSTRUCTION**

Connolly Pacific is conducting marine construction offshore Los Angeles, CA at 33-43-17N 118-20-43W for the Bunker Reef restoration project during daylight hours until 31 Oct 20. Three offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16 and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Charts: 18740 18746

LNM: 13/20

**SOUTHERN CALIFORNIA-OFFSHORE LOS ANGELES-RECOVERY DIVE OPERATIONS**

The California Lost Fishing Gear Recovery Project is being conducted in up to 16 fathoms of water off of Santa Barbara, Ventura and/or Los Angeles Counties, and/or Orange Counties, and/or in Channel Islands National Marine Sanctuary (CINMS) and Channel Islands National Park (CINP) during daylight hours until 31 Jul 20. F/V TRITON and divers will be utilized for recovery operations and will monitor VHF-Chan. 08 and 16. Mariners are requested to transit the area with cautions. For more details or comments contact Kirsten Gilardi at 530-304-1241.

Charts: 18720 18740

LNM: 29/20

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-MARINE EVENT**

The San Diego Yacht Club will sponsor the San Diego Olympic Class Regatta offshore Coronado, CA from 1100-1700 daily on 07-09 Aug 20. 50 sailing vessels will race between 32-59-30N 117-10-42W and 32-38-00N 117-10-42W. Mariners are requested to transit the area with caution. For more details or comments contact Jeff Johnson at 619-758-6310.

Chart 18765

LNM: 30/20

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-SAN CLEMENTE ISLAND-HAZARDOUS OPERATIONS**

The U.S. Navy will conduct continuous hazardous operations offshore San Diego, CA, 24 hours a day, 7 days a week until 0100 30 Dec 20 within the following coordinates:

- A.
- 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

- B.
- 32-52-40N 119-12-01W
- 33-08-04N 118-51-46W
- 32-08-04N 118-46-02W
- 33-05-37N 118-43-34W
- 32-58-53N 118-43-31W
- 32-47-38N 118-32-19W
- 32-36-55N 118-44-54W
- 32-36-55N 118-56-57W

- C.
- 32-55-00N 118-25-00W
- 32-55-00N 118-15-00W
- 32-40-00N 118-15-00W
- 32-40-00N 118-35-00W
- 32-45-00N 118-35-00W

Mariners are requested to transit the area with caution. For more details or comments contact FACSFAC schedules at 619-545-1758.

Charts: 18740 18762

LNM: 04/20

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-SANTA CATALINA ISLAND-DIVING OPERATIONS**

U.S. Navy Undersea Rescue Command will conduct dive operations offshore San Diego, CA 24 hours 07 days a week from 27 Jul 20 until 01 Jan 21 within 1 nm of the following coordinates:

- 32-51-57N 117-26-37W
- 33-23-26N 118-20-00W
- 32-47-00N 117-21-30W

The HOS DOMINATOR will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and keep a safe distance of 1nm. For more details or comments contact ETVC Hickman at 619-545-9677.

Chart 18740

LNM: 29/20

**SOUTHERN CALIFORNIA-OFFSHORE VENTURA HARBOR-DIVE OPERATIONS**

Longitude 123, Inc. have installed two temporary unmarked structures ivo of Ventura harbor, CA at 34-18-44N 119-22-18W and 34-18-45N 119-22-19W until 31 Jul 20. Mariners are requested to transit the area with caution. For more details or comments contact Scot Anderson at 805-796-1235.

Chart 18725

LNM: 26/20

**SOUTHERN CALIFORNIA-POINT CONCEPTION-OCEANOGRAPHIC OPERATIONS**

The Scripps Institution of Oceanography R/V SALLY RIDE (Call Sign WSAF) will conduct oceanographic surveying from 0400-1600 on 10-18 Aug 20. Operations consist of towing an instrument at 8kts from surface to 1100ft depth and will be covered twice along the defined track below:

- WP1-32-46-00 N 122-03-06W
- WP2-34-10-00 N 123-01-18 W
- WP3-33-40-4 N 123-28-30 W
- WP4-33-15-18 N 121-36-54 W
- WP5-33-52-6 N 121-41-24 W

**SOUTHERN CALIFORNIA-POINT CONCEPTION-OCEANOGRAPHIC OPERATIONS**

WP6-33-03-36 N 123-22-6W

WP7-32-41-12 N 122-46-54 W

WP8-34-14-54 N 122-16-48 W

The R/V SALLY RIDE will be restricted in ability to maneuver due to over the side towing and is requesting a wide berth. R/V SALLY RIDE will monitor VHF-FM chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18022

LNM: 30/20

**SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy (Station 222-Santa Lucia Escarpment) in position 34-46-00N 121-29-48W, approximately 54 nm northwest of Point Conception, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Chart 18700

LNM: 41/18

**SOUTHERN CALIFORNIA-POINT CONCEPTION-WAVERIDER BUOY**

University of California, San Diego and the U.S. Army Corps of Engineers have deployed a waverider buoy (Station 071-Harvest Buoy) in position 34-27-06N 120-46-48W, approximately 16 nm west of Point Conception, CA. The buoy is a 3' diameter sphere with an attached telemetry whip antenna and Fl (5) Y 20s light characteristic, the buoy is painted yellow and is marked "Wave Buoy". For more details or comments contact James Behrens at 858-534-3032.

Charts: 18700 18720 18721

LNM: 41/18

**SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT**

Scripps Institution of Oceanography has deployed an atmospheric sampling buoy south of Point Mugu, CA in position 34-03-12N 119-09-47W. The yellow buoy will be exposed 12' above the waterline and will be flashing FL 1 Y 4s. For more details or comments contact Lisa Hazard at 858-822-2873.

Charts: 18720 18725

LNM: 26/18

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE**

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION-The two temporary trestles in place between the Henry Ford Railroad Bridge and the replacement bridge provides 75' of horizontal clearance and 45' of vertical clearance from mean high water to low steel of the replacement bridge. Work is taking place from 0600 to 1600, Mon-Fri. For conditions at the bridge, mariners can contact Caltrans at 562-572-5852, 310-882-3160, 949-394-9168, 310-715-9500; or the contractor at 818-489-5772, 909-322-4424. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

LNM: 16/20

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE**

VINCENT THOMAS BRIDGE-Painting of the under deck of the bridge continues. A 180' long platform is being erected below low steel of the bridge, just to the east of the west channel margin red light, reducing vertical clearance by 5' 4". Once a 90' section is complete, that section of the platform will be moved to the east, in a leap frog technique. The platform will migrate towards the east until it reached 250' west of centerline of the bridge span. Each corner and every 50' along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V\_Thomas\_Platform\_Lighting1.pdf at the end of this notice). Work will take place during daylight hours, Monday through Friday. For conditions at the bridge mariners can contact 213-479-4138, 213-479-1144 or 310-261-9552. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

GERALD DESMOND BRIDGE REPLACEMENT PROJECT-Main span construction at the navigation channel continues. Before transiting the bridge construction site, all vessels should contact on-scene flag vessels on VHF-FM CH 13 and 79 to determine safe passage through the site. Mariners can also contact the SFI Water Traffic Coordinator at 310-809-0162 or 702-215-9740 for passing guidance. For conditions at the construction site mariners can contact the SFI Water Traffic Field Coordinator at 424-230-9925. See GDB\_Channel\_Safety\_Flyer.pdf in the enclosure section of the notice for Safety Boat Contact Information. For more details view the website, [www.NewGDBridge.com/Waterway](http://www.NewGDBridge.com/Waterway), or contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749

LNM: 33/19

**SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES**

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33 CFR 165.1131; 33CFR 165.1141). Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone Incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$90,901.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 02-16 SCI Safety Zone.pdf in the enclosure section.

Chart 18762

LNM: 41/16

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE**

CORONADO BAY BRIDGE MAINTENANCE-Scaffolding installed between piers 11-12, 12-13, and 13-14, reduces vertical clearance by more than 8'. The upstream and downstream lower edges of the scaffolding are lighted at night with red lights. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Charts: 18772 18773

LNM: 13/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-DREDGE OPERATIONS**

Dutra Construction Company will be conducting dredge operations in San Diego Bay, CA within security zone 165.1101, 24 hours a day, 7 days a week until 01 Nov 20. The dredge barge EM 1106 will conducting operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Andrew Hunt at 415-847-6640.

Chart 18773

LNM: 12/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

Marathon Construction Corporation is conducting demolition at Naval Base Point Loma Pier 5002 at 32-41-15N 117-14-09W, until October 2020. There will be 02 small flat bottom work skiffs 5'x14' and 03-04 work floats 6'x15' will be moored adjacent to Pier 5002. Mariners are requested to transit at their slowest safe speed to minimize wake and proceed with caution when passing. For more details or comments contact Marathon Construction's project manager Tim Meyer 619-843-8975.

Chart 18773

LNM: 28/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. is conducting marine construction at Huntington Ingalls Industries-Pier 7 Marginal Wharf at 32-41-36N 117-09-04W until 31 Aug 20. Vessels DB PALOMAR, RES 180, JOHN DRAKE, JEANIE R, and tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 50/19

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at NASSCO Berths 09 and 10 at position 32-41-04N 117-08-24W until 31 Dec 20. DB PALOMAR along with push boat JEANIE R will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 15/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at NASSCO Berth 07 at position 32-41-35N 117-09-03W until 31 Dec 20. Vessel DB PALOMAR, RES 180, along with push boat JEANIE R in conjunction tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For concerns or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 20/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at NASSCO Berths 03-04 at position 32-41-08N 117-08-10W until 31 Jul 20. Crane barge RES 150 along with push boat JEANIE R will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 20/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at Naval Base Point Loma piers 5000 and 5003 at 32-41-18N 117-14-04W until 31 Dec 20. Vessels DB PALOMAR, RES 180, push boats JEANIE R, and tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 14/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at NASSCO Graving Dock Cofferdam berth at position 32-41-16N 117-08-16W until 30 Sep 20. CB AMERICAN 11320 along with push boat JEANIE R will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 15/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION**

R.E. Staite Engineering Inc. will conduct marine construction at Huntington Ingalls Industries-Piers 2-5 at 32-41-36N 117-09-04W until 31 Dec 20. Vessels DB PALOMAR, RES 180, JOHN DRAKE, JEANIE R, and tug CUYAMACA will conduct operations. All vessels will monitor VHF-FM Chan. 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more details or comments contact project manager Erick Myers at 619-233-0178.

Charts: 18772 18773

LNM: 10/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE EVENT**

The Cortez Racing Association will sponsor the San Diego BC Series Regatta in San Diego Bay, CA every Wednesday from 1600-2030, until 05 Aug 20. The regatta will consist of 125 sailboats participating in a regatta route that will start near Harbor Island, proceed to and around Buoy 16, continue to Buoy 28, and end back at Harbor Island. Mariners are requested to transit the area with caution. For more details or comments contact Richard Chambers at 858-395-1907.

Chart 18773

LNM: 23/20

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-NAVY ESTUARY-BRIDGE**

NORTH HARBOR DRIVE BRIDGE-The north side green center channel light and the red pier light on the north side of pier 4 is extinguished.

NIMITZ PEDESTRIAN BRIDGE-The red pier light on the south side of pier 5 is extinguished.

**SOUTHERN CALIFORNIA-SAN DIEGO BAY-NAVY ESTUARY-BRIDGE**

Estimated time of repair is unknown. For more details or comments contact the Coast Guard Bridge Office at 510-437-3514.

Charts: 18772 18773

LNM: 04/20

**SOUTHERN CALIFORNIA-SAN DIEGO RIVER-BRIDGE**

WEST MISSION BAY DRIVE BRIDGE-The City of San Diego is replacing the existing bridge. A temporary work trestle, providing a vertical clearance of 8' over Mean Sea Level and open channels between silt curtains, is in place. Scheduled completion date of the bridge replacement project is November 2022. Mariners are urged to use caution while navigating the replacement bridge work site. For more details or comments contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18765

LNM: 34/19

**SOUTHERN CALIFORNIA-SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING**

City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of South Bay Ocean Outfall and Point Loma Ocean Outfall until November 2020. Ocean sampling will be conducted within the following coordinates:

1.
  - 32-31-55N 117-11-11W
  - 32-32-11N 117-11-58W
  - 32-32-04N 117-12-07W
  - 32-32-33N 117-11-56W

2.
  - 32-40-10N 117-19-23W
  - 32-40-05N 117-19-34W
  - 32-39-37N 117-19-32W
  - 32-39-57N 117-19-39W
  - 32-40-11N 117-16-56W

The M/V OCEANUS and M/V MONITOR III when in the area will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Adriano Feit at 619-758-2377 or 858-882-7055.

Charts: 18765 18772

LNM: 46/19

**SOUTHERN CALIFORNIA-SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING**

City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of South Bay Ocean Outfall and Point Loma Ocean Outfall. Ocean sampling will be conducted in an area bounded by the following coordinates:

- 32-31-55N 117-11-11W
- 32-32-11N 117-11-58W
- 32-32-04N 117-12-07W
- 32-32-33N 117-11-56W

- 32-40-10N 117-19-23W
- 32-40-05N 117-19-34W
- 32-39-37N 117-19-32W
- 32-39-57N 117-19-39W
- 32-40-11N 117-16-56W

The M/V OCEANUS and M/V MONITOR III when in the area will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Mike Kelly at 619-758-2342.

Charts: 18765 18772

LNM: 22/17

**SOUTHERN CALIFORNIA-SAN DIEGO-SURFACE OPERATIONS**

The US Navy will conduct research operations offshore San Diego, CA from 18-24 Aug 20. Operations will be conducted between 33-00-24N 118-31-57W and 32-52-00N 118-23-00W. Two 33' Navy RHIB research vessels and one 110' utility vessel will assist with operations. Vessels will be restricted in their ability to maneuver during operations and will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution and maintain a safe distance of 1000 yds from the research vessel. For more details or comments contact Robert Rocha at 510-366-2000.

Chart 18762

LNM: 30/20

**SOUTHERN CALIFORNIA-SAN DIEGO-UAV OPERATIONS**

Liquid Robotics ([www.liquid-robotics.com](http://www.liquid-robotics.com)) and Scripps Institute of Oceanography will conduct continuous autonomous, unmanned maritime vehicle operations until 31 Jul 20, in an area bounded by the following coordinates:

- 33° 29' 24" N, 117° 46' 11" W
- 31° 37' 52" N, 123° 3' 10" W
- 30° 59' 40" N, 122° 39' 2" W
- 32° 55' 47" N, 117° 23' 24" W

Operations consist of scientific ocean data collection. Wave Gliders carry no fuel, lubricants, or hydrocarbons, are wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. They are surfboard size, copper in color, with a contact plaque and mast extending 1 meter above the surface supporting a flag. Mariners are urged to transit the area with caution. For up-to-date information, mariners can contact Liquid Robotics Operations Center at +1 408-636-4205, or by email at [support@liquid-robotics.com](mailto:support@liquid-robotics.com).

Chart 18765

LNM: 13/20

**SOUTHERN CALIFORNIA-SAN DIEGO-USV OPERATIONS**

The US Navy will be conducting unmanned surface vehicle (USV) approximately 13 nm West of Del Mar in the vicinity of 32-51-57N 117-33-57W from 27-31 Jul 20. Operations will be conducted from a 42' foot research vessel. The USV moves at approximately 1 knot and is designed to give way if encountered by a vessel. The USV is a surfboard size craft 10' long, 3' wide with only a few inches of freeboard. It has a 3' mast with orange flag

**SOUTHERN CALIFORNIA-SAN DIEGO-USV OPERATIONS**

and fixed all around white light. Additionally, one of the wave gliders may be operating to a depth of approximately 330ft. During these operations the research vessel and USV will be restricted in their ability to maneuver. The RHIB will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution and maintain a safe distance of 1000yds from the RHIB and USV. For more details or comments contact Jennifer Pels at 619-553-6675 or Jennifer.pels@spawar.navy.mil.

Chart 18740

LNM: 29/20

**SOUTHERN CALIFORNIA-SAN NICHOLAS ISLAND-ATMOSPHERIC BUOY**

Naval Air Systems Command has deployed an atmospheric sampling buoy in position 33-15-30N 119-35-58W. The yellow buoy extends 10 feet above the waterline and is 4 ft in diameter, it is flashing F1 Y 4s. For further details or comments contact Kyle Edwards at 805-989-0672 or Robi Garcia at 805-989-5040.

Chart 18740

LNM: 18/20

**SOUTHERN CALIFORNIA-SAN NICOLAS ISLAND-SANTA ROSA ISLAND-FISHING OPERATIONS**

Ventura County Commercial Fisherman's Association member fishing vessels are conducting fishing operations in the vicinity of 33-35-13N 120-16-04W and 33-08-30N 119-52-03W. Fishing gear will be marked by colored floats up to 30 inches in diameter and high flyer pole with radar reflector and light. Mariners are requested to use caution when transiting the area. Vessels may be contacted on VHF-FM Chan. 11 or 16. For more details or comments contact Tim Athens at 805-448-4455.

Chart 18720

LNM: 42/19

**SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-MARINE CONSTRUCTION**

Connolly Pacific will conduct marine construction offshore San Clemente Pier, CA for the Wheel North Reef expansion project during daylight hours until 31 Sep 20. Three offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16, 77, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Chart 18774

LNM: 15/20

**SOUTHERN CALIFORNIA-SANTA CATALINA ISLAND-ROCK LOADING OPERATIONS**

Connolly Pacific is conducting marine construction and rock loading operations at Empire landing Quarry on Santa Catalina Island, CA during daylight hours until 31 Oct 20. Two offshore 6x12" cylinder can moorings with steady burning all-round white lights will be utilized during operations. DB LONG BEACH and support tugs LARCONA or PATCONA II will be on scene monitoring VHF-FM Chan. 16, and 79A. Mariners are requested to transit the area with caution. For more details or comments contact Justin Chin Wong at 562-577-0717.

Chart 18661

LNM: 15/20

**SOUTHERN CALIFORNIA-VANDENBERG AFB-HAZARDOUS OPERATIONS**

Hazardous operations will be conducted from Vandenberg AFB, CA from 2331-0653 from 03-07 Aug 20. Hazardous operation areas are bounded by the following coordinates:

A.  
34-55-00N 121-18-00W  
34-55-00N 120-56-00W  
34-54-00N 120-35-00W  
34-48-00N 120-35-00W  
34-44-00N 120-53-00W  
34-44-00N 121-18-00W

B.  
34-23-00N 124-24-00W  
34-36-00N 124-27-00W  
34-52-00N 121-56-00W  
34-39-00N 121-54-00W

Mariners are advised to remain clear of these areas for the duration of operations. For more details or comments contact Thomas Chiavacci at 805-605-3318.

Charts: 501 18020 18022 18700

LNM: 29/20

**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
7190	SACRAMENTO RIVER DEEP WATER SHIP CHANNEL LIGHT 6	38-03-51.263N 121-50-06.390W	Fl R 2.5s	15	3	TR on pile.	Ra ref. 30/20

\*

**PUBLICATION CORRECTIONS****ANNOUNCEMENT – U.S. Coast Pilot® 7 and U.S. Coast Pilot® 10 - NEW EDITIONS – Spring 2020**

U.S Coast Pilot 7 will be divided into two editions in the spring 2020 due to its large size. The following are the projected new editions that will be

issued on the same date and ready for free download and weekly updates on June 9, 2020, at [nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://nauticalcharts.noaa.gov/publications/coast-pilot/index.html).

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 7, Pacific Coast: California 52nd Edition, 2020

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 10, Pacific Coast: Oregon, Washington, Hawaii and Pacific Islands 1st Edition, 2020

Only Print-on-Demand bound copies are available for purchase; visit [nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot](http://nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot)

For any questions or comments; visit [nauticalcharts.noaa.gov/customer-service/assist/](http://nauticalcharts.noaa.gov/customer-service/assist/)

NOAA Office of Coast Survey’s Nautical Publications Branch  
April 2020

LNM: 18/20

---

---

## ENCLOSURES

---

### REPORT OF DELAY AT DRAWBRIDGE

[Delay\\_Report\\_11-2017.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

### NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE

[I-5\\_MokeRiver\\_Trestles.pdf](#)

See link above for temporary trestle lighting and location.

LNM: 26/20

### SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE

[V\\_Thomas\\_Platform\\_Lighting1.pdf](#)

See link above for platform lighting for Vincent Thomas Bridge.

LNM: 28/19

### NORTHERN CALIFORNIA-SAN FRANCISCO BAY-AIR DRAFT AWARENESS

[Air draft marine safety bulletin.pdf](#)

See link above.

LNM: 40/18

### NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

[BonAirRd\\_Trestle.pdf](#)

See link above for Bon Air Rd Temporary Trestle Navigation Channel.

LNM: 29/18

### NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

[Pioneer\\_Barge\\_Mooring.pdf](#)

See enclosure above for the Pioneer Bridge Barge Mooring Diagram.

LNM: 25/20

### NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

[Tower\\_Fender\\_Barge\\_Lighting.pdf](#)

See link above for the Tower Drawbridge Pier Protection Replacement Project: Barge Placement and Lighting Diagram.

LNM: 25/20

### NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

[RVBridge\\_PlatformCable\\_Lighting.pdf](#)

RIO VISTA DRAWBRIDGE-See enclosure above for temporary platform location and lighting.

LNM: 22/20

### SAN CLEMENTE ISLAND-SAFETY ZONES

[San Clemente Safety Zone.pdf](#)

See link above for Maritime Safety and Security Bulletin 001-19.

LNM: 49/19

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**

[PlatformLighting\\_GG\\_Bridge\\_22Jul20.pdf](#)

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 22 Jul 20.

LNM: 29/20

**NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION**

[2020 NOAA WHALE.pdf](#)

See enclosure above.

LNM: 18/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE**

[RiponBridgeTrestleLighting.pdf](#)

CA ROUTE 99 BRIDGE-See enclosure above for temporary trestle and lighting. Updated 07 Jul 20.

LNM: 27/20

**NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION**

[VSRMap2020\\_SF.pdf](#)

See enclosure above.

LNM: 17/20

**SOUTHERN CALIFORNIA- DANA POINT TO POINT ARGUELLO - VOLUNTARY SPEED REDUCTION**

[VSRMap2020\\_SC.pdf](#)

See enclosure above.

LNM: 17/20

**NORTHERN CALIFORNIA-DELTA & RIVERS-MOKELUMNE RIVER-BRIDGE**

[MokeRiver\\_PlatformLighting.pdf](#)

CA RT 12 BRIDGE-See enclosure above for temporary platform lighting.

LNM: 28/20

**SOUTHERN CALIFORNIA-PORTS OF LOS ANGELES/LONG BEACH-LA/LB HARBOR-BRIDGE**

[GDB\\_Channel\\_Safety\\_Flyer.pdf](#)

See link above for safety flyer for vessels during Gerald Desmond Bridge Replacement over-the-channel work.

LNM: 29/19

---

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT [HTTPS://WWW.NAVCEN.USCG.GOV](https://www.navcen.uscg.gov)

D. Negron-Alicea, CDR  
U.S. Coast Guard  
Chief Waterways Management Branch

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

BRIDGE NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

MILE : \_\_\_\_\_ WATERWAY: \_\_\_\_\_

1. Name/ Type of Vessel: \_\_\_\_\_ Direction of Travel : \_\_\_\_\_

2. Vessel Owner (Name): \_\_\_\_\_

(Address): \_\_\_\_\_

3. Name of Pilot (if applicable): \_\_\_\_\_

(Address): \_\_\_\_\_

4. Time vessel signaled for bridge opening: \_\_\_\_\_

5. Location of vessel when signal was given: \_\_\_\_\_

6. Time and location of vessel when delay began: \_\_\_\_\_

7. Method of signal for bridge opening: ( ) Radio ( ) Sound ( ) Visual.

(If sound or visual signal was used, specify: \_\_\_\_\_)

8. Time bridge operator acknowledged signal: \_\_\_\_\_

9. Method of bridge operator acknowledgement: ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify: \_\_\_\_\_)

10. Did bridge operator acknowledgement indicate the bridge,

( ) Could be opened immediately?

( ) Could not be opened immediately?

11. If land traffic crossed the bridge:

Time land traffic started across the bridge \_\_\_\_\_

Time land traffic stopped crossing the bridge \_\_\_\_\_

Did land traffic stop on the bridge? \_\_\_\_\_

Duration land traffic stopped on the bridge \_\_\_\_\_

12. Time drawbridge opened for navigation \_\_\_\_\_

13. 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 return to:

Commander (dpw)  
Eleventh Coast Guard District  
Coast Guard Island, Building 50-2  
Alameda, CA 94501-5100  
Attn: Bridge Office

Fax: (510) 437-5836

Email: [Carl.T.Hausner@uscg.mil](mailto:Carl.T.Hausner@uscg.mil)

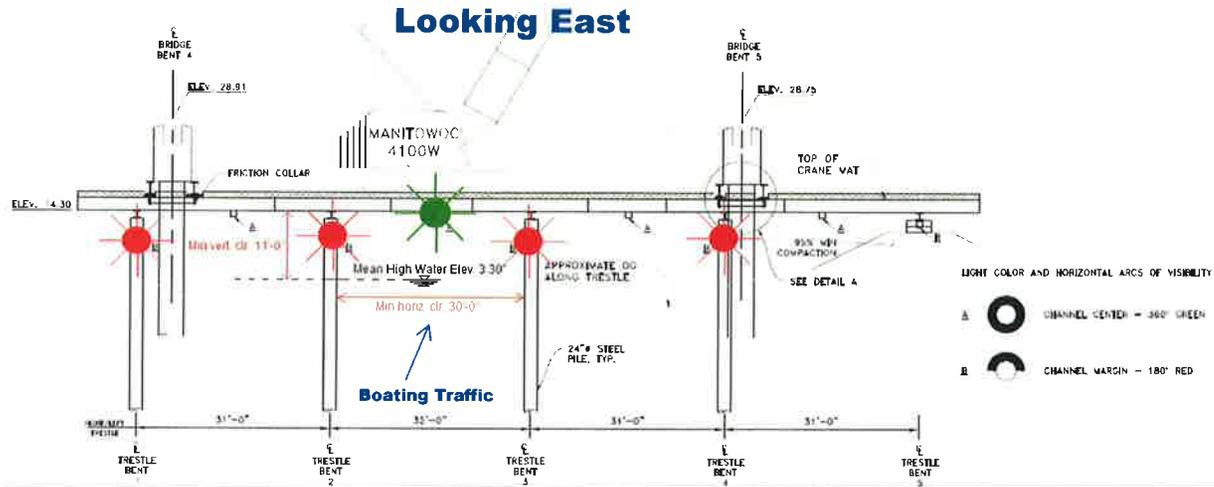
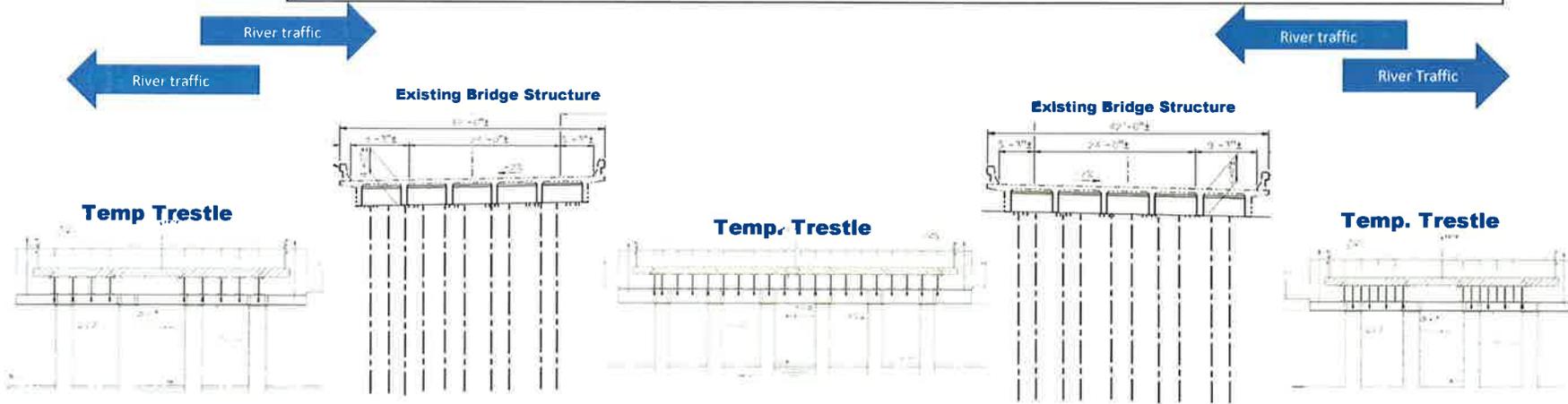
Questions? Please contact: Carl Hausner, Bridge Administrator, Eleventh Coast Guard District

Office: (510) 437-3516

Cell: (510) 219-4366

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

## Trestle Lighting Diagram I-5 Dual Bridge Retrofit Project, mile 22.9, Mokelumne River

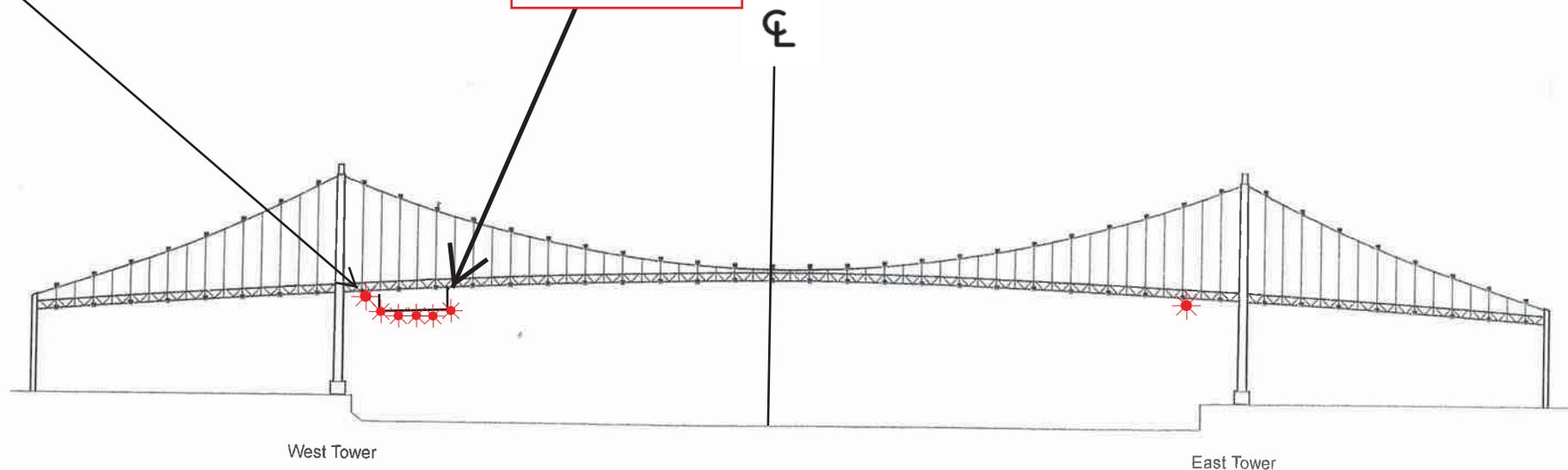


The temporary trestles will provide at least 30 feet of horizontal clearance and 11 feet of vertical clearance from Mean High Water to low soffit of the trestles. The upstream and downstream center of the designated navigation span, between bents 2 and 3 will be lighted at night with a green center channel light. The upstream and downstream faces of bents 1, 2, 3, and 4 will be lighted at night with steady burning red lights so as to be seen at 2,000 yards by approaching vessels.

Vincent Thomas Highway Bridge  
Mile 3.0  
Los Angeles/Long Beach Harbor  
**Painting Project**

West Channel Margin  
Light

Below Low Steel  
Platform. 5' 4"  
reduction in  
vertical clearance



A 180 foot long under deck temporary platform will reduce vertical clearance by 5' 4". Each corner and every 50 feet along the the upstream and downstream side of the platform will lighted at night with steady burning red lights visible at 2000 yards by approaching vessels. In a duration of 1-year the platform will progress from the western channel margin light to 250' west of the centerline of the bridge.

**MARINE SAFETY/SECURITY**  
**INFORMATION BULLETIN (MSIB) 18-02**



September 24, 2018

U.S. Coast Guard Sector San Francisco  
Department of Homeland Security



**Air Draft Situational Awareness**

U.S. Coast Guard Sector San Francisco has observed a recent trend of marine casualties involving vessel allisions with overhead power lines. The Captain of the Port is releasing this bulletin as a reminder of the importance of mariners maintaining situational awareness of their vessel's air draft, including that of movable equipment onboard. Staying vigilant of overhead obstructions crossing waterways in relation to your vessel's air draft is essential to navigational safety.

Air draft (draught) is a term used to describe the distance from the top of a vessel's highest point to its waterline. Vertical clearance is the distance in excess of the air draft that allows a vessel to pass safely under a bridge or overhead obstruction. **The consequences of failing to consider air draft and to properly calculate a vessel's vertical clearance under bridges, power lines, and other obstructions encountered during a passage can be catastrophic.**

U.S. Coast Guard Sector San Francisco recommends that all vessel operators remain cognizant of their air draft at all times. More precisely, the calculation from both the vessel's highest fixed point and highest movable point to safely clear all overhead obstructions encountered while maneuvering in the San Francisco Bay Area is of paramount importance.

Additionally, it is recommended that vessel operators ensure they have the most current nautical charts and publications onboard. A link to these publications, which include authorized overhead clearances, can be found at <http://www.charts.noaa.gov/InteractiveCatalog/nrnc/shtml>.

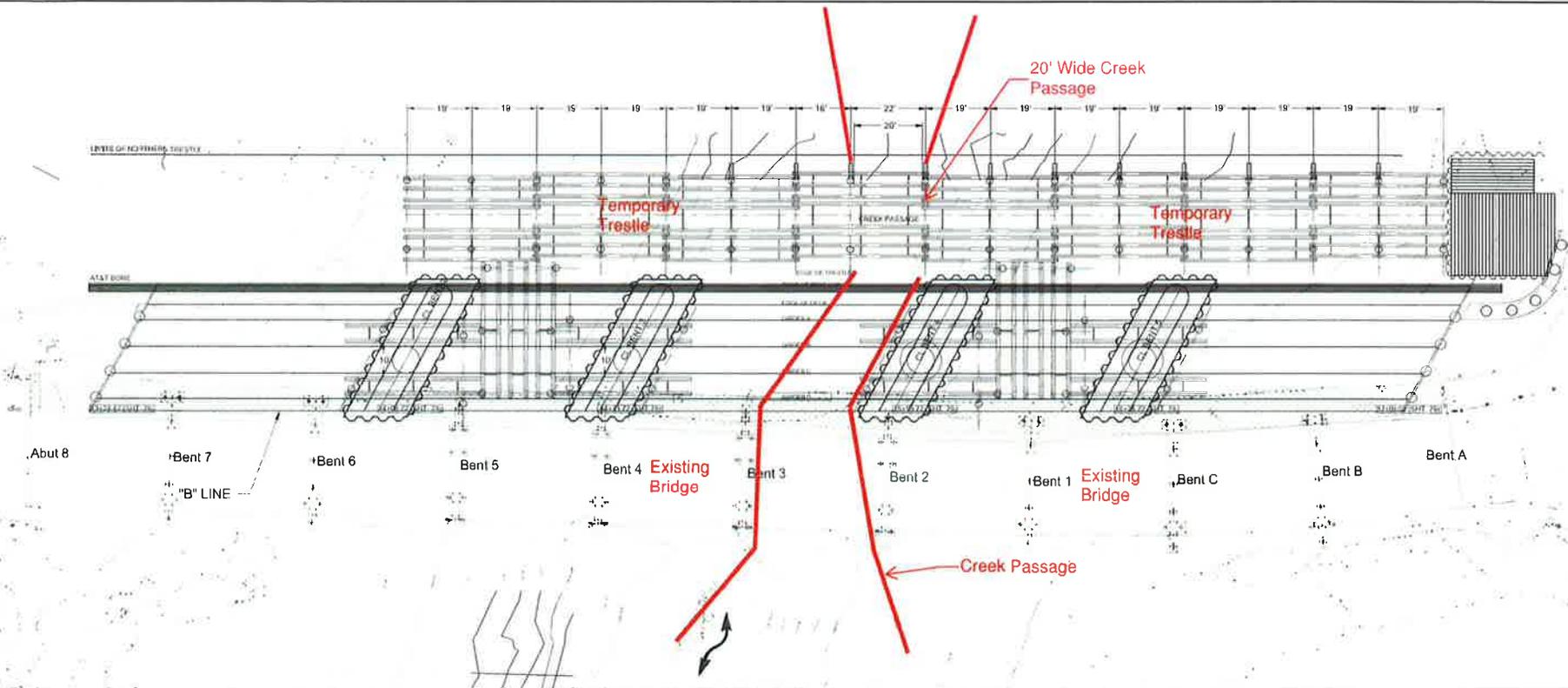
For additional information regarding this bulletin, please contact the U.S. Coast Guard Sector San Francisco Investigations Division at [SectorSF.Investigations@uscg.mil](mailto:SectorSF.Investigations@uscg.mil) / (510) 813-9636, the Domestic Vessel Inspections Branch at [SectorSF.Domestic.Insp@uscg.mil](mailto:SectorSF.Domestic.Insp@uscg.mil) / (510)-207-1495, or the Waterways Management Division at [SFWaterways@uscg.mil](mailto:SFWaterways@uscg.mil) / (415) 871-9051.

Sincerely

A handwritten signature in blue ink, appearing to read "A. J. Ceraolo". The signature is stylized and fluid.

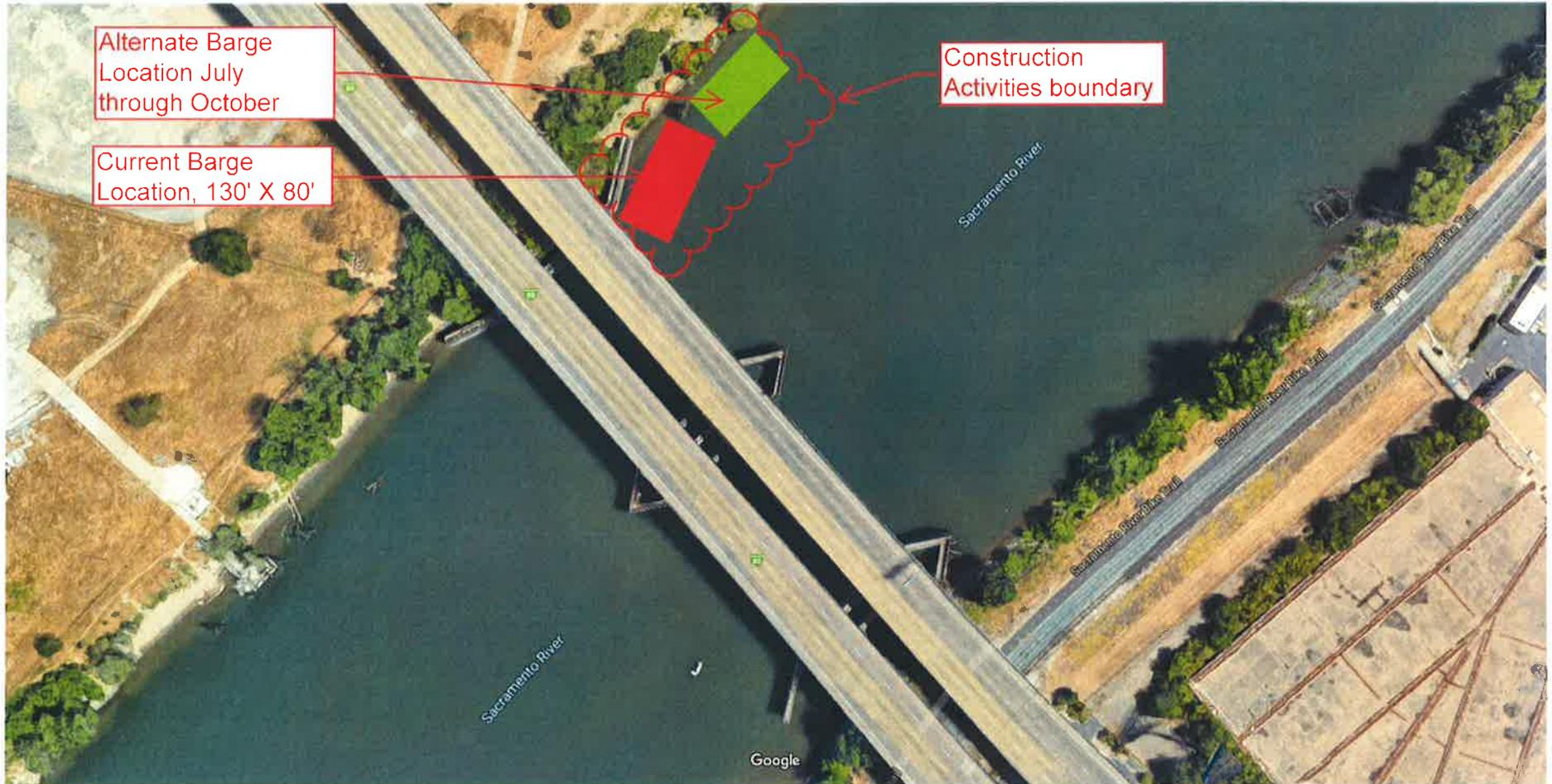
A. J. CERAOLO  
Captain, U.S. Coast Guard  
Captain of the Port of San Francisco & Northern California  
U.S. Coast Guard Sector San Francisco

# Bon Air Rd Bridge Replacement Project Mile 2.2, Corte Madera Creek



**Cofferdams and a temporary trestle will be installed to facilitate construction of the replacement bridge. The temporary trestle will provide a center creek navigation channel with at least 20 feet of horizontal clearance and 3 feet of vertical clearance, from mean high water to the lowest hittable portion of the trestle, for waterway users. Mariners are urged to use extreme caution when transiting the construction site.**

## Temporary Barge Mooring Pioneer Bridge, mile 58.2, Sacramento River

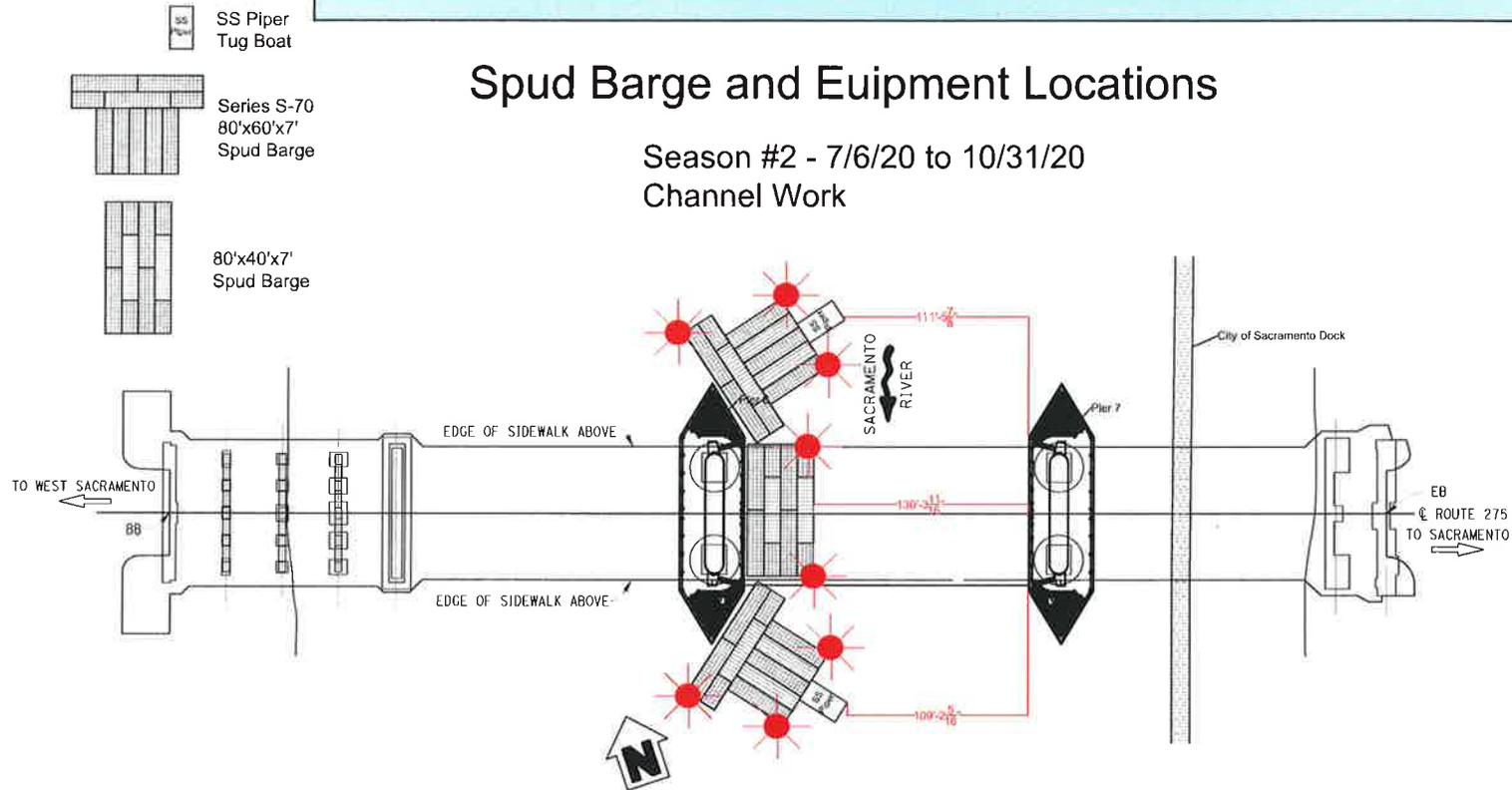


Two work barges, 130' X 80' will be temporarily moored northwest of the Pioneer Bridge on the West Sacramento river bank during the replacement of the pier protection system project at the Tower Drawbridge. The outboard corners of the barges will be lighted at with steady burning white lights so as to be seen by approaching vessels at 2,000 yards.

Fender Replacement Project-Barge Placement and Lighting  
 Tower Drawbridge  
 Mile 59.0 over the Sacramento River

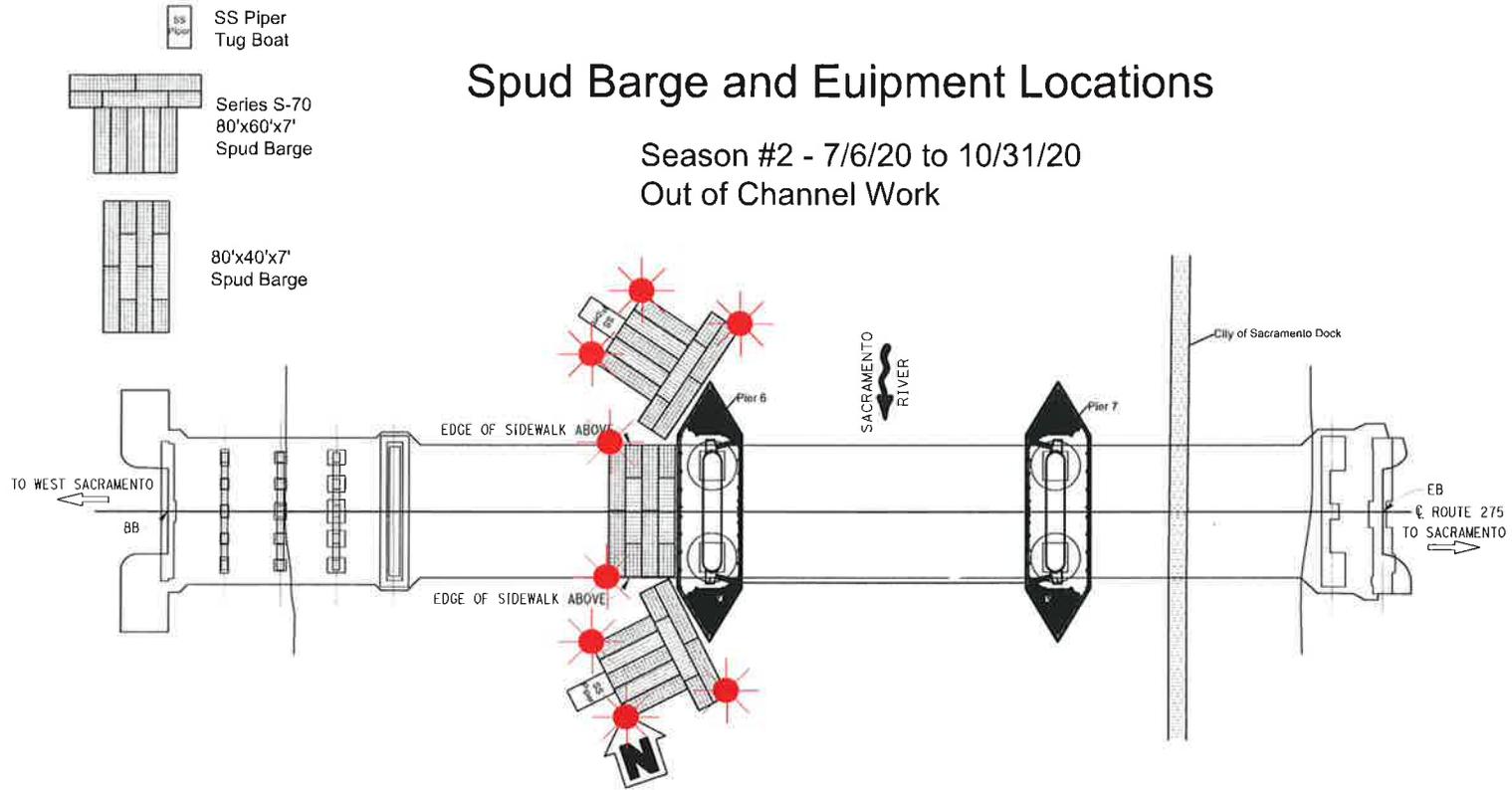
Spud Barge and Equipment Locations

Season #2 - 7/6/20 to 10/31/20  
 Channel Work



After normal working hours, the barges will be moored outboard of the drawspan of the bridge. Each corner of the barge will be lighted at night with steady burning red lights so as to be seen from approaching vessels at 2,000 yards.

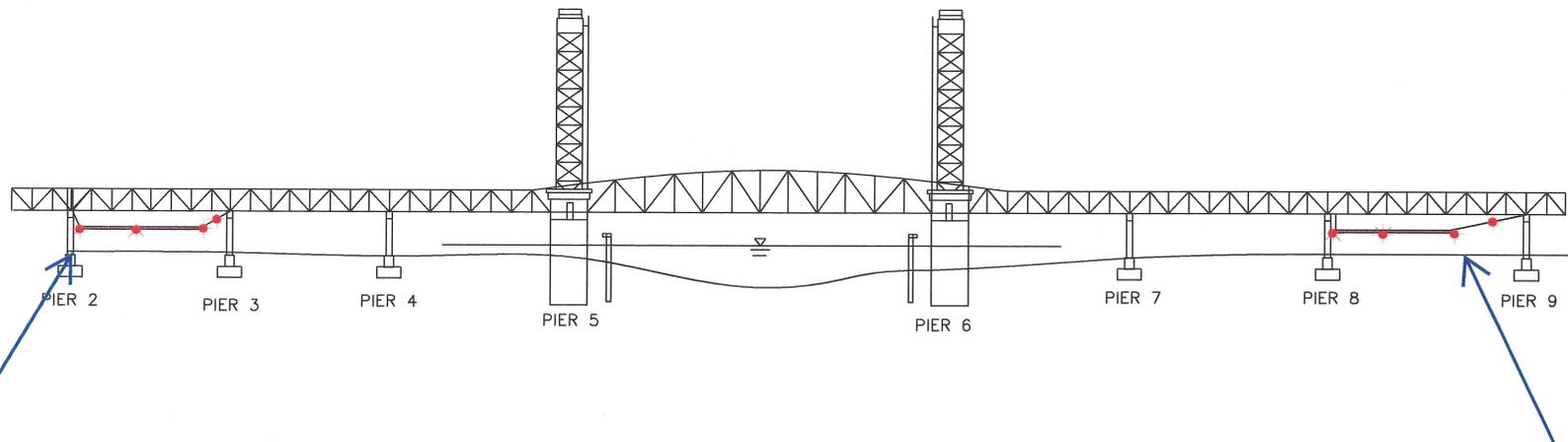
Fender Replacement Project-Barge Placement and Lighting  
 Tower Drawbridge  
 Mile 59.0 over the Sacramento River



After normal working hours, the barges will be moored outboard of the drawspan of the bridge. Each corner of the barge will be lighted at night with steady burning red lights so as to be seen from approaching vessels at 2,000 yards.

# Temporary Underdeck Platform Lighting

## Rio Vista Bridge Mile 12.8, Sacramento River



Two temporary platforms, and associated support cables, are installed beneath low steel of the bridge in span 2 and 8 and reduces vertical clearance in those spans by no more than 4 feet. The lower 4 corners and midpoint of each platform will be lighted at night with steady burning red lights, visible at 2,000 yards from approaching vessels. The support cable will be lighted with red lights every 50 feet. Mariners are requested to use alternate or main span of the bridge while these temporary platforms are in place.

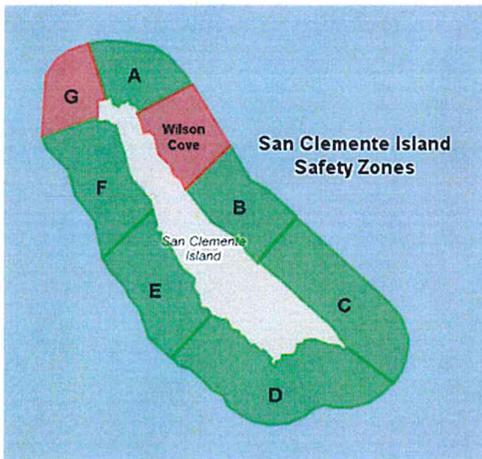
# Maritime Safety and Security Bulletin: 001-19

Effective Date: November 1, 2019



U.S. Coast Guard Sector San Diego  
2710 North Harbor Drive  
San Diego, CA 92101  
Phone: (619) 278-7656  
Fax: (619) 278-7235

## SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island according to Title 33, Code of Federal Regulations (CFR) Part 165.1131 and 33 CFR 165.1141).

Since the inception of the regulations, Coast Guard Sector San Diego has processed numerous safety zone violations. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$94,219 under 46 USC 70036(a). Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be

pursued against the mariner's credential.

San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordinance training). Mariners conducting operations around San Clemente Island must abide by Federal regulations that apply to the three NM radius around the island. Eight zones comprise the Safety and Security Zones. Restriction times are based on U.S. Navy live fire exercises. Wilson Cove Security Zone and Zone G of the Safety Zones are permanently closed. Mariners wishing to transit through Zone G must have preapproval from San Clemente Island. The U.S. Navy makes every effort to maintain a schedule in advance and minimize the restrictions to the public for water access around the island. Periods of enforcement can be found at <https://www.scisland.org>. Restricted access areas and times are highlighted in red and listed in the associated website chart. If a Safety Zone section is green, mariners may access the waters. Mariners are advised to contact San Clemente Island via call sign "KRAKEN" on VHF CH 82A, or call Coast Guard Sector San Diego Joint Harbor Operations Center on VHF CH16, or at (619) 278-7033 or 7656, to verify real time status of the restricted waters.

If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at [D11MarineEventsSD@uscg.mil](mailto:D11MarineEventsSD@uscg.mil)

Sincerely,

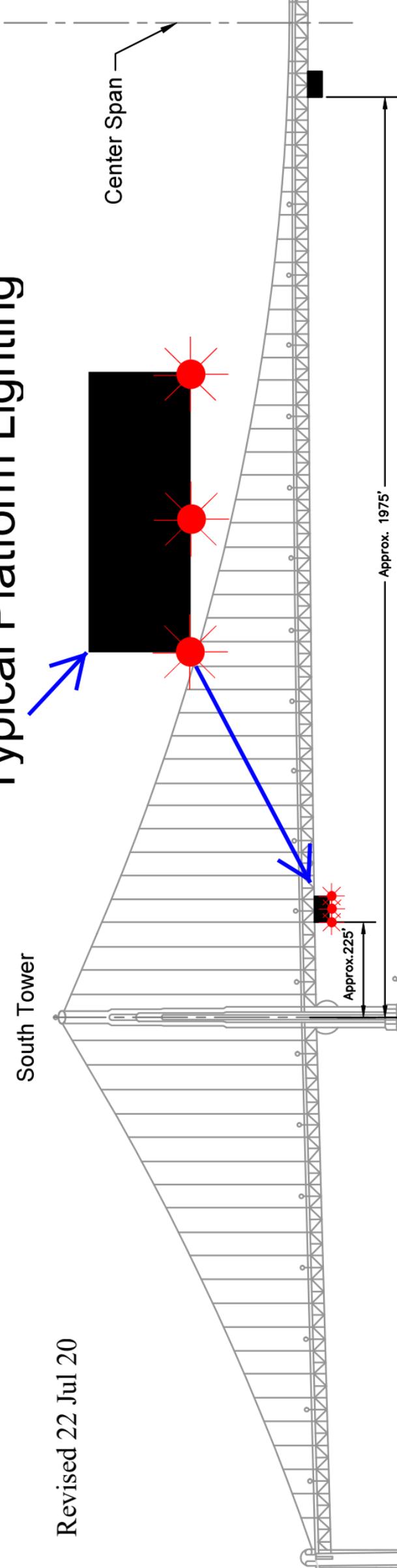
A handwritten signature in blue ink, appearing to read "T.J. Barelli".

T.J. BARELLI  
Captain, U. S. Coast Guard  
Captain of the Port San Diego

# Temporary Access Platform Golden Gate Bridge Mile 2.5 San Francisco Bay

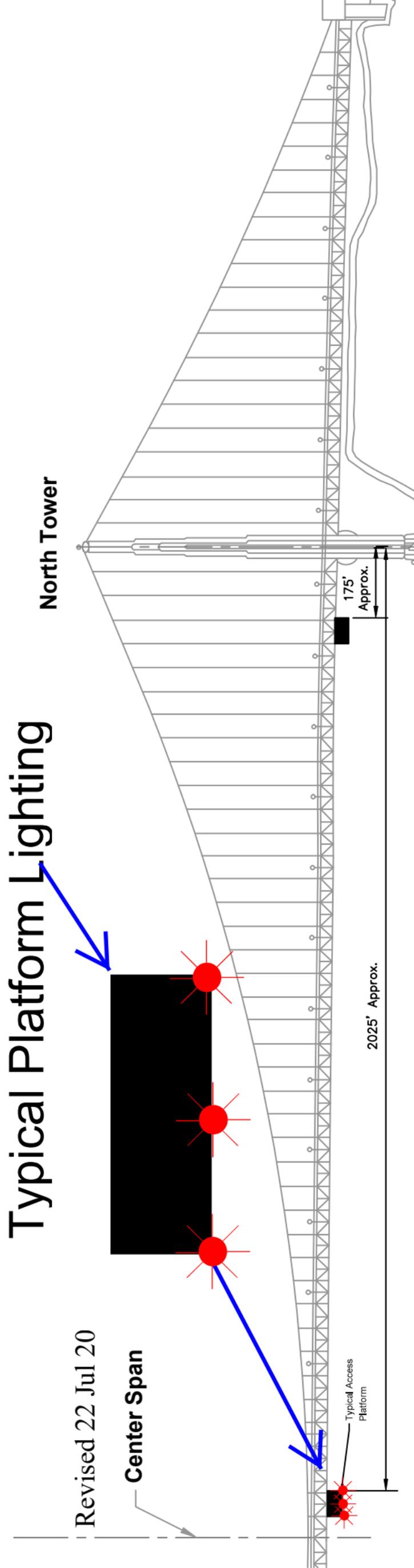
## Typical Platform Lighting

Revised 22 Jul 20



Two 54 foot wide temporary platforms are installed below low steel of the bridge reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platform is lighted at night with steady burning red lights see at 2,000 yards by approaching vessels.

# Temporary Access Platform Golden Gate Bridge Mile 2.5 San Francisco Bay



Two 54 foot wide temporary platform are installed below low steel of the bridge reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platform is lighted at night with steady burning red lights see at 2,000 yards by approaching vessels.

U.S. Department of  
Homeland Security

United States  
Coast Guard



March 30, 2020

To: All Mariners

The National Oceanic and Atmospheric Administration (NOAA) with support from the United States Coast Guard (USCG) annually issues voluntary Vessel Speed Reduction (VSR) requests that go into effect May 1 off of San Francisco and May 15 off of southern California; please see the attached charts. The goal of these seasonal voluntary VSR zones is to reduce the risk of fatal ship strikes to endangered blue, fin, and humpback whales within and near Greater Farallones, Cordell Bank, Monterey Bay, and Channel Islands national marine sanctuaries. These species are protected under the Federal 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.). Any unauthorized take of whales, even if unintentional, by vessels transiting in U.S. waters violates federal statutes.

NOAA and the USCG request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10-knots when transiting within the designated VSR zones. We request your cooperation with the voluntary VSR zones to protect whales that annually migrate to these areas in summer and fall to feed. NOAA analyzes all transits by vessels 300 GRT or larger via Automated Information System (AIS) data provided by USCG to assess the industry's cooperation.

NOAA and USCG are committed to the long-term protection of nationally significant marine resources by enhancing marine safety and environmental awareness in the maritime community. We encourage vessel crews to report whale sightings through the Whale Alert App (<http://www.whalealert.org>). If you have questions, please contact Sean Hastings, (805) 893-6424, [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov). We appreciate your commitment to protecting endangered and threatened whales by cooperating with the voluntary 10-knot VSR requests in 2020 off of San Francisco and southern California.

Handwritten signature of William J. Douros in black ink.

William J. Douros, Regional Director  
NOAA's Office of National Marine Sanctuaries  
West Coast Region

Handwritten signature of Barry A. Thom in blue ink.

Barry A. Thom, Regional Administrator  
NOAA's National Marine Fisheries Service  
West Coast Region

Handwritten signature of Peter Gautier in blue ink.

Peter Gautier, Rear Admiral  
U.S. Coast Guard  
District Eleven

# VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

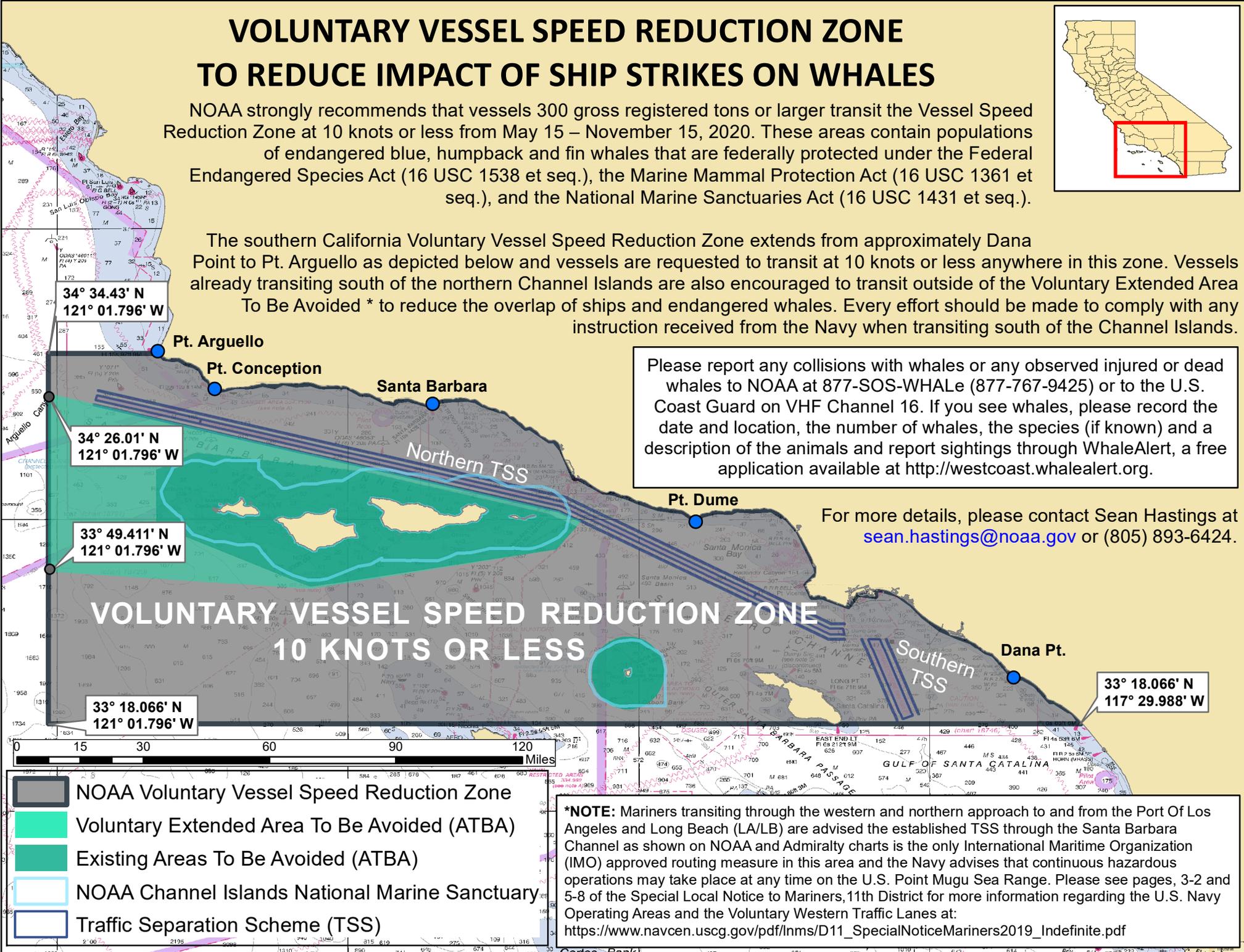


NOAA strongly recommends that vessels 300 gross registered tons or larger transit the Vessel Speed Reduction Zone at 10 knots or less from May 15 – November 15, 2020. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.).

The southern California Voluntary Vessel Speed Reduction Zone extends from approximately Dana Point to Pt. Arguello as depicted below and vessels are requested to transit at 10 knots or less anywhere in this zone. Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the Voluntary Extended Area To Be Avoided \* to reduce the overlap of ships and endangered whales. Every effort should be made to comply with any instruction received from the Navy when transiting south of the Channel Islands.

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. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

For more details, please contact Sean Hastings at [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov) or (805) 893-6424.



- NOAA Voluntary Vessel Speed Reduction Zone
- Voluntary Extended Area To Be Avoided (ATBA)
- Existing Areas To Be Avoided (ATBA)
- NOAA Channel Islands National Marine Sanctuary
- Traffic Separation Scheme (TSS)

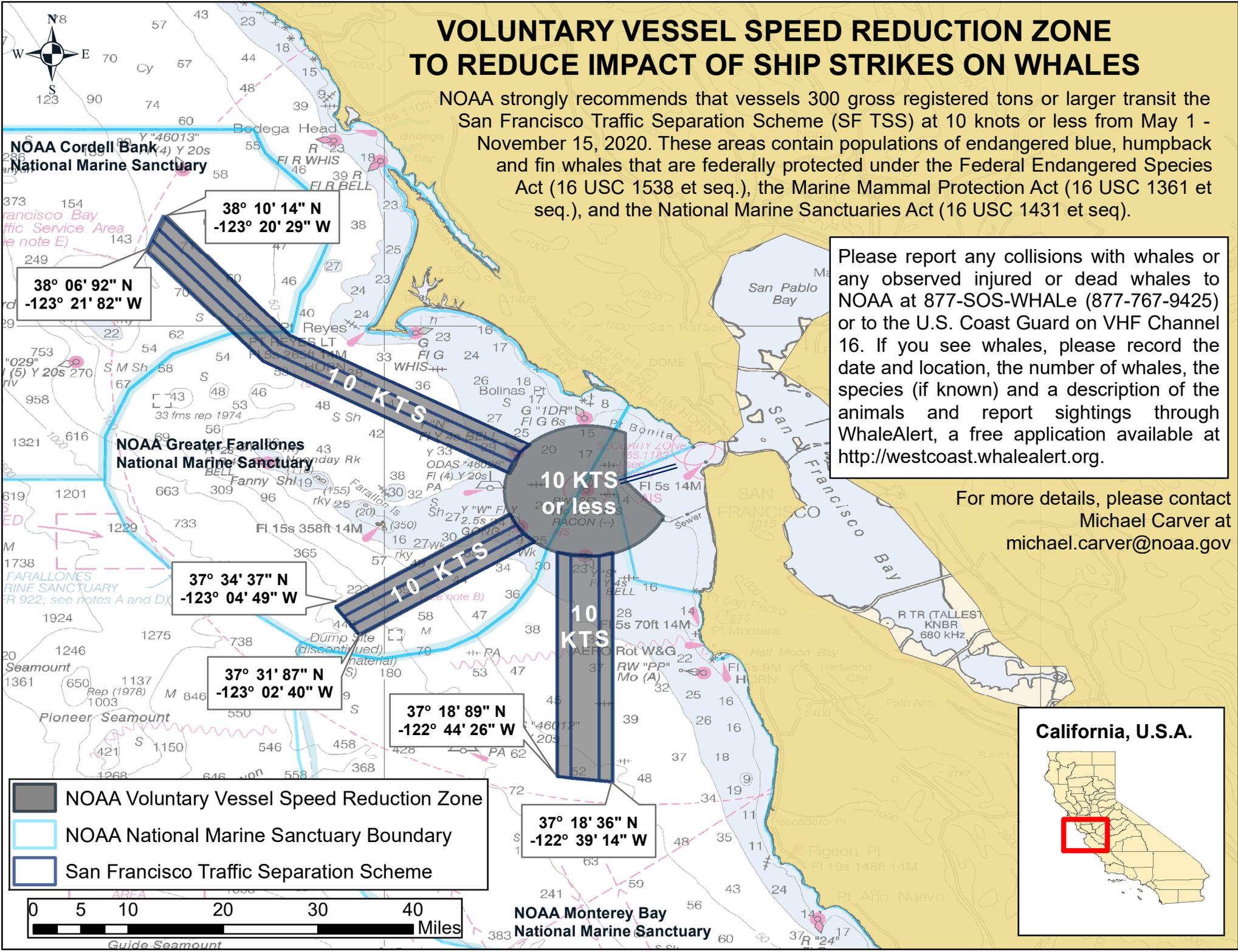
**\*NOTE:** Mariners transiting through the western and northern approach to and from the Port Of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area and the Navy advises that continuous hazardous operations may take place at any time on the U.S. Point Mugu Sea Range. Please see pages, 3-2 and 5-8 of the Special Local Notice to Mariners, 11th District for more information regarding the U.S. Navy Operating Areas and the Voluntary Western Traffic Lanes at: [https://www.navcen.uscg.gov/pdf/Inms/D11\\_SpecialNoticeMariners2019\\_Indefinite.pdf](https://www.navcen.uscg.gov/pdf/Inms/D11_SpecialNoticeMariners2019_Indefinite.pdf)

# VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

NOAA strongly recommends that vessels 300 gross registered tons or larger transit the San Francisco Traffic Separation Scheme (SF TSS) at 10 knots or less from May 1 - November 15, 2020. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.).

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. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

For more details, please contact Michael Carver at [michael.carver@noaa.gov](mailto:michael.carver@noaa.gov)



38° 10' 14" N  
-123° 20' 29" W

38° 06' 92" N  
-123° 21' 82" W

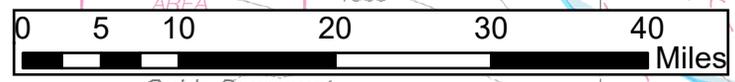
37° 34' 37" N  
-123° 04' 49" W

37° 31' 87" N  
-123° 02' 40" W

37° 18' 89" N  
-122° 44' 26" W

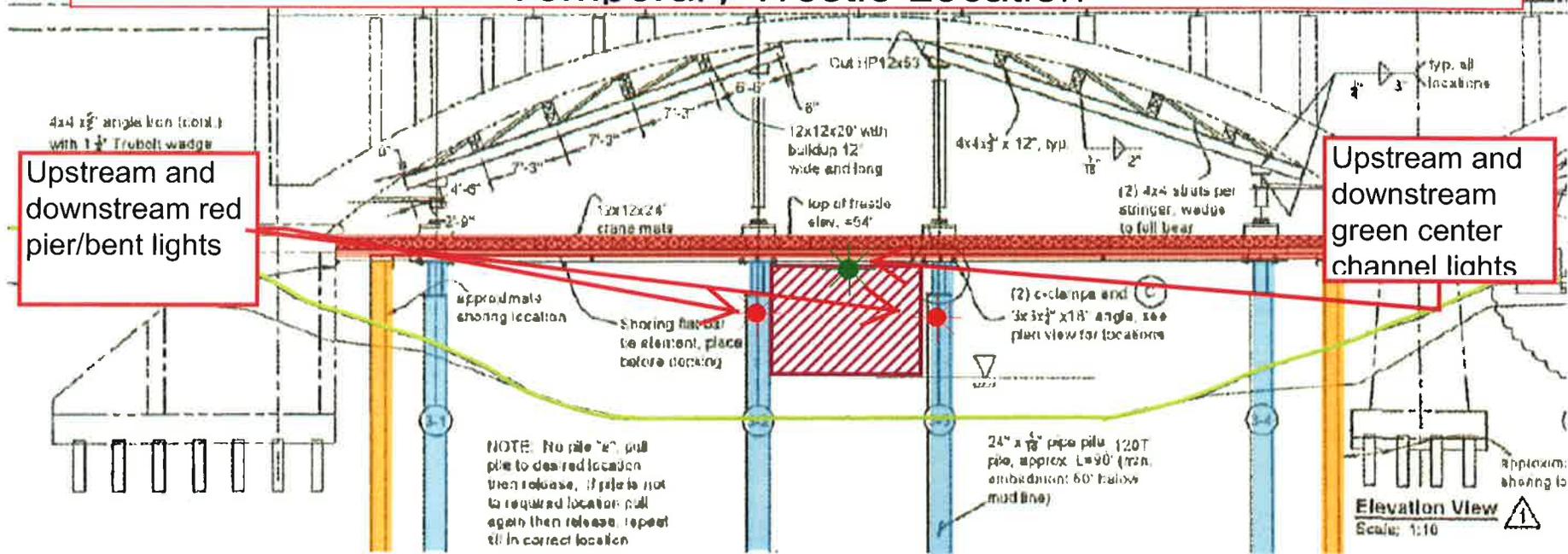
37° 18' 36" N  
-122° 39' 14" W

- NOAA Voluntary Vessel Speed Reduction Zone
- NOAA National Marine Sanctuary Boundary
- San Francisco Traffic Separation Scheme



# CA Route 99 Bridge Rehabilitation Mile 16.82, Stanislaus River Temporary Trestle Location

ITE



Upstream and downstream red pier/bent lights

Upstream and downstream green center channel lights

NOTE: No pile "x", pull pile to desired location then release. If pile is not to required location pull again then release. Repeat till in correct location.

Elevation View  
Scale: 1:10

## LEGEND

- TEMPORARY TRESTLE
- TEMPORARY PILE LOCATION
- TEMPORARY SHEET PILE LOCATION
- RIVER BED
- OPENING FOR RIVER TRAFFIC

- NOTES:
- 12' Horizontal Clearance
  - 9' Minimum Vertical Clearance
  - 9' Vertical Clearance corresponds to ~1000 cfs. When river elevation exceeds 42 feet the river will be closed to public access

NOT TO SCALE

EA#: 10-0L020

DATE: 1/23/20

## Stanislaus River Bridge Temporary Trestle

EXHIBIT

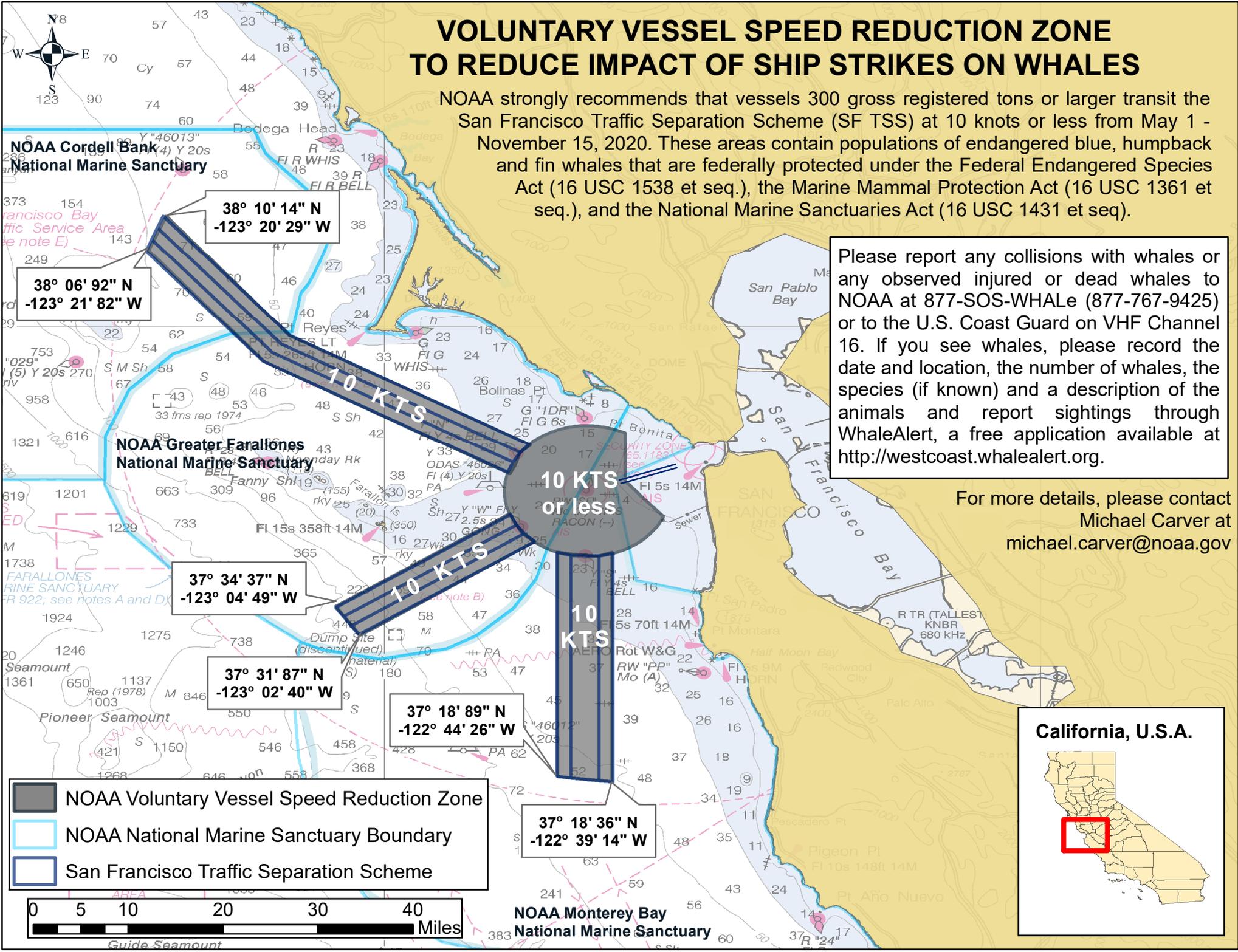
E

# VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

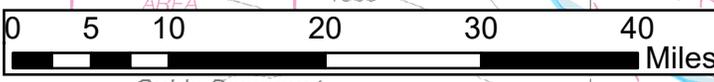
NOAA strongly recommends that vessels 300 gross registered tons or larger transit the San Francisco Traffic Separation Scheme (SF TSS) at 10 knots or less from May 1 - November 15, 2020. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.).

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. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

For more details, please contact Michael Carver at [michael.carver@noaa.gov](mailto:michael.carver@noaa.gov)



- NOAA Voluntary Vessel Speed Reduction Zone
- NOAA National Marine Sanctuary Boundary
- San Francisco Traffic Separation Scheme



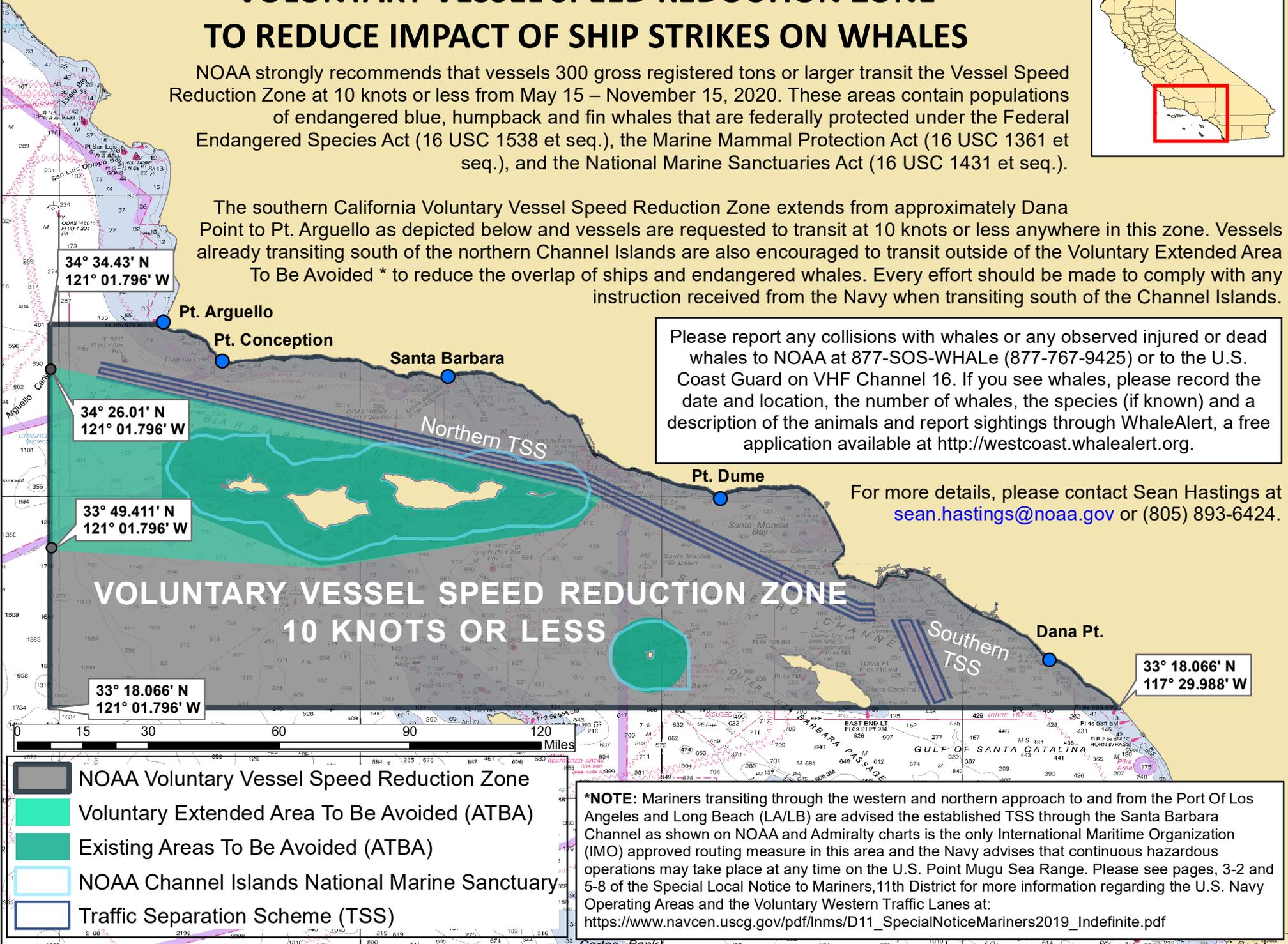
This map is not to be used for navigational purposes

# VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE IMPACT OF SHIP STRIKES ON WHALES



NOAA strongly recommends that vessels 300 gross registered tons or larger transit the Vessel Speed Reduction Zone at 10 knots or less from May 15 – November 15, 2020. These areas contain populations of endangered blue, humpback and fin whales that are federally protected under the Federal Endangered Species Act (16 USC 1538 et seq.), the Marine Mammal Protection Act (16 USC 1361 et seq.), and the National Marine Sanctuaries Act (16 USC 1431 et seq.).

The southern California Voluntary Vessel Speed Reduction Zone extends from approximately Dana Point to Pt. Arguello as depicted below and vessels are requested to transit at 10 knots or less anywhere in this zone. Vessels already transiting south of the northern Channel Islands are also encouraged to transit outside of the Voluntary Extended Area To Be Avoided \* to reduce the overlap of ships and endangered whales. Every effort should be made to comply with any instruction received from the Navy when transiting south of the Channel Islands.



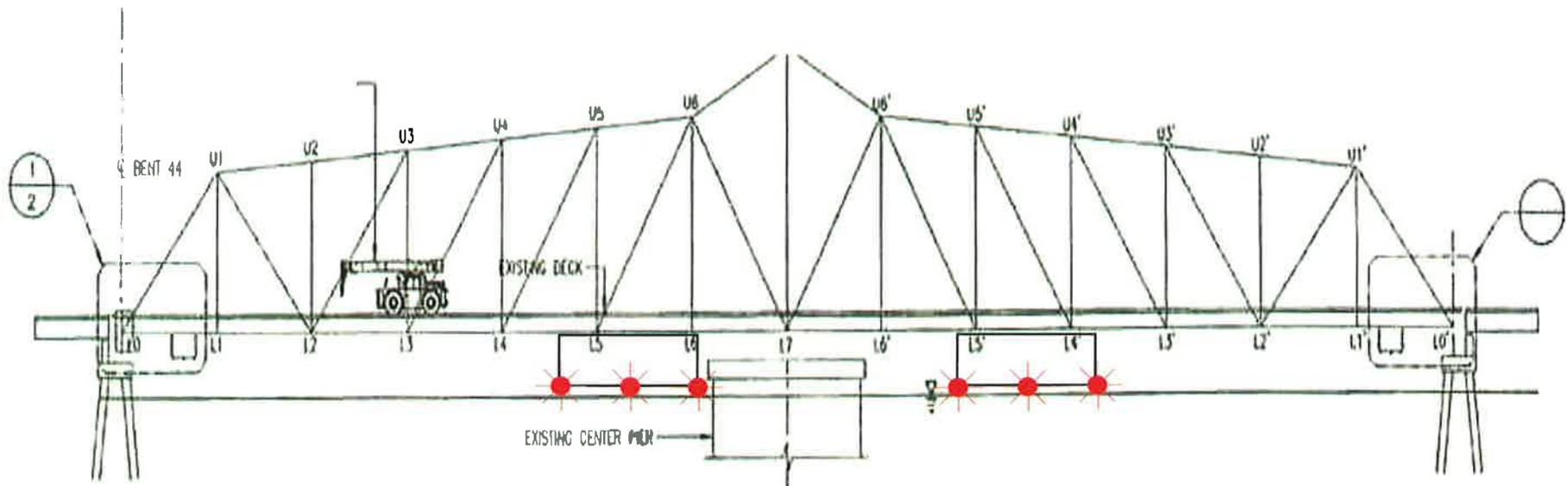
Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at <http://westcoast.whalealert.org>.

For more details, please contact Sean Hastings at [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov) or (805) 893-6424.

**\*NOTE:** Mariners transiting through the western and northern approach to and from the Port 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 and the Navy advises that continuous hazardous operations may take place at any time on the U.S. Point Mugu Sea Range. Please see pages, 3-2 and 5-8 of the Special Local Notice to Mariners, 11th District for more information regarding the U.S. Navy Operating Areas and the Voluntary Western Traffic Lanes at: [https://www.navcen.uscg.gov/pdf/Inms/D11\\_SpecialNoticeMariners2019\\_Indefinite.pdf](https://www.navcen.uscg.gov/pdf/Inms/D11_SpecialNoticeMariners2019_Indefinite.pdf)

# Rehabilitation Project CA Route 12 Bridge, mile 3.0, Mokelumne River

## Temporary Platform Lighting Diagram



15 foot long temporary movable platforms will be in either channel during working hours. The upriver and downriver lower edges of the platforms will be lighted at night with steady burning red lights. The platforms reduce vertical clearance at the bridge by 5 feet. When not in use the platforms will be moved over the bridge fender system and out of the way of the navigation channel.



Gerald Desmond Bridge  
Replacement Project

Caltrans • Metro • Port of Long Beach • US Department of Transportation



# SAFETY NOTICE

## For Watercraft on Back Channel



Construction of the Gerald Desmond Bridge Replacement Project's main span has begun over the Back Channel.

All recreational and commercial watercraft that travel through the channel between the hours of 6:00 a.m. and 2:30 a.m. Monday through Saturday are advised to be aware of and identify the stationed spotter boat (pictured) for safe passage under the Bridge Project.

**For watercraft approaching the Bridge Project, Marine VHF radio channels 13 and 79 can be used to communicate with the spotter boat to determine safe passage.**

**For more information, visit: [www.NewGDBridge.com/Waterway](http://www.NewGDBridge.com/Waterway)**

If you have any questions about this announcement, please contact the **Bridge Project Communications Team** at (562) 485.2780 or [info@GDBRProject.com](mailto:info@GDBRProject.com). Thank you!