



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

## LOCAL NOTICE TO MARINERS

**District: 11**

**Week: 32/24**

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-0012-24, SF-0109-24, LA-0154-24, and SD-0039-24 have been incorporated in this notice, or will continue if still significant.

### ABBREVIATIONS

#### A through H

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

#### I through O

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

#### P through Z

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

**Additional Abbreviations Specific to this LNM Edition: None**

### SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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

A complete set of guidelines with examples and contact information can be found at <http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/> or call Waterways Management Branch at 510-437-2929 or e-mail D11-SMB-D11-LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations

LNM: 17/21

### **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.

### **NAVIGATION CENTER WEBSITE TRANSITION**

The U.S. Coast Guard Navigation Center is going to transition the Navigation Center website to a new, enhanced version in the first quarter of 2022. As part of this transition, URLs will be updated across the site including URLs linked to PDFs. Therefore, once the transition is complete, legacy site URLs will no longer function, including bookmarked URLs and URLs used in automatic downloading of data and/or products. Outdated URLs will automatically redirect to the home page of the site, and from there you will be able to easily navigate to your preferred page.

Below are a few of the "old"/new URL pairs listed for your convenience. Please note that the new URLs will not be active until we launch the new website. Of course, once it is launched, the new URLs will be available for re-bookmarking. As a reminder, these are top level URLs that may contain additional links that you use.

This notice will be updated when the final launch date is determined and another notice will be issued to notify you when the site goes live. Questions/concerns may be directed to the NAVCENWebTEAM@uscg.mil.

#### **Local Notices to Mariners (LNMs)**

Current URLs: <https://www.navcen.uscg.gov/?pageName=lnmMain>

Replacement: <https://www.navcen.uscg.gov/local-notice-to-mariners-by-cg-district>

#### **Light Lists Annual Publication**

Current URLs: <https://navcen.uscg.gov/?pageName=lightLists>

Replacement: <https://www.navcen.uscg.gov/light-list-annual-publication>

#### **Light List - Weekly**

Current URLs: <https://navcen.uscg.gov/?pageName=lightListWeeklyUpdates>

Replacement: <https://www.navcen.uscg.gov/weekly-light-lists>

#### **Light List - Corrections**

Current URLs: <https://navcen.uscg.gov/?pageName=lightListCorrections>

Replacement: <https://www.navcen.uscg.gov/light-list-summary-of-corrections>

LNM: 06/22

### **SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS**

"The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics."

LNM: 39/22

#### **SOUTHERN CALIFORNIA - CHANNEL ISLANDS - AREA TO BE AVOIDED (ATBA) ENLARGED**

In November of 2022, the International Maritime Organization (IMO) issued an adopted amendment, which goes into effect June 1, 2023. The amendment describes changes to the existing Area To Be Avoided (ATBA) around the Channel Islands, CA. As a result of these changes, the Area To Be Avoided (ATBA) has been significantly increased in size. Please be advised that, per an agreement with the USCG Headquarters, NOAA cartographers used more accurate points expressed in degrees, minutes, seconds, and hundredths of seconds, rather than the derived IMO positions published in the IMO circular, which are slightly degraded in terms of accuracy. For details, please see Enclosure included in this Local Notice to Mariners.

Charts: 18020 18022 18700 18720 18724 18725 18728 18729 18740

LNM: 21/23

#### **SOUTHERN CALIFORNIA-SAN DIEGO BAY-MINIMIZE WAKE**

The Navy Port Operations Manager requests that vessels slow to 7 kts when a vessel is moored in restricted area (33 CFR 334.865) located on the northeast side of North Island at 32-42-57N 117-11-22W, between San Diego Channel Lighted Buoy 20 (LLNR 1710) and San Diego Channel Lighted Buoy 22 (LLNR 1830). For more details or comments contact LT Rodriguez at 619-545-3232, Rigoberto.rodriguez3@navy.mil.

Chart 18773

LNM: 10/22

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

Coast Guard District Eleven Waterways upgrade to E-Mail capabilities. All future requests for article submission in the District Eleven Local Notice to Mariners are requested to be E-Mailed to D11-SMB-SMB-D11-LNM@uscg.mil at least two weeks prior to the operation. For more details or comments please contact District Eleven Waterways Management Branch at 510-437-2929 or e-mail D11-SMB-D11-LNM@uscg.mil. Coast Guard District Eleven requests all Local Notice to Mariners submissions be E-Mailed to our office at least 14 days prior to the start of operations for timely submittal and publication.

LNM: 17/21

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## **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.

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### **DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
181	NOAA Environmental Lighted Buoy 46025	LT EXT	18720	LA-0045-24	09/24	
240	Morro Bay West Breakwater Light	SS INOP	18700	LA-0018-24	04/24	
297	NOAA Environmental Lighted Buoy 46042	MISSING	18680	SF-0180-23	49/23	
330	Pillar Point Harbor Approach Lighted Buoy PP	TMK MISSING	18680	SF-0081-23	17/23	
360	San Francisco Approach Lighted Whistle Buoy SF	RAC INOP	18640	SF-0040-22	17/22	
365	Mile Rocks Light	LT EXT	18640	SF-0099-22	44/22	
382	NOAA Environmental Lighted Buoy 46059	ADRIFT	18007	SF-0103-24	29/24	
490	Humboldt Bay Entrance Lighted Whistle Buoy HB	REDUCED INT	18620	HB-0013-23	46/23	
1535	Zuniga Jetty Light W	STRUCT DEST		SD-0038-23	26/23	
1619	San Diego North Island Shallow Water Habitat Light D	STRUCT DEST		SD-0016-24	05/24	
2295	Oceanside Breakwater Light 1	LT EXT/STRUCT DMGD		SD-0038-24	09/24	
2635	Ship Rock Light	LT EXT	18740	LA-0095-21	26/21	
2641	Isthmus Cove Harbor Reefs Light	STRUCT DMGD	18740	LA-0018-21	05/21	
2670	Santa Catalina Island West End Light	LT EXT	18740	LA-0113-19	34/19	
2810	Anaheim Bay Channel Buoy 7	OFF STA		LA-0062-22	30/22	
3330	Redondo Beach West Jetty Light 3	STRUCT DEST	18740	LA-0021-23	09/23	

<b>3765</b>	<b>Santa Barbara Harbor Light 4</b>	<b>LT EXT</b>	<b>18720</b>	<b>LA-0146-24</b>	<b>32/24</b>
3770	Santa Barbara Harbor Lighted Buoy 5	OFF STA		LA-0135-24	29/24
3772	Santa Barbara Harbor Lighted Buoy 6	OFF STA		LA-0135-24	29/24
3775	Santa Barbara Harbor Lighted Buoy 7	OFF STA		LA-0135-24	29/24
3780	Santa Barbara Harbor Lighted Buoy 8	OFF STA		LA-0135-24	29/24
3785	Santa Barbara Harbor Lighted Buoy 11	OFF STA		LA-0135-24	29/24
3790	Santa Barbara Harbor Lighted Buoy 10	OFF STA/LT EXT		LA-0136-24	29/24
3792	Santa Barbara Harbor Lighted Buoy 12	OFF STA		LA-0135-24	29/24
3835	Morro Bay West Breakwater Light	SS INOP	18700	LA-0018-24	04/24
3850	Morro Bay Channel Lighted Buoy 3	LT EXT		LA-0138-24	30/24
4125	Southeast Reef Southern End Lighted Gong Buoy 1S	SS INOP	18680	SF-0004-24	20/24
4130	Pillar Point Harbor Entrance Lighted Gong Buoy 1	SS INOP/STRUCT DMGD	18680	SF-0082-23	17/23
4245	Mile Rocks Light	LT EXT	18640	SF-0099-22	44/22
4610	Oakland Outer Harbor Range B Front Light	DAYMK MISSING		SF-0070-23	14/23
4625	Oakland Outer Harbor Range A Rear Light	STRUCT DEST/TRLB		SF-0032-24	10/24
4655	Oakland Outer Harbor Light 13	MISSING/TRLB		SF-0067-23	14/23
4680	Oakland Inner Harbor Light 10	MISSING/TRLB		SF-0052-21	02/22
4684	Oakland Inner Harbor Turn Basin Light B	STRUCT DMGD/TRLB		SF-0097-21	29/21
4740	San Leandro Bay Airport Channel Daybeacon 6	STRUCT DEST/TRUB		SF-0033-22	15/22
4830	San Leandro Marina Channel Light 1	LT EXT/SS INOP		SF-0012-23	02/23
5225	Redwood Creek Light 11	STRUCT DEST/TRLB		SF-0148-23	41/23
5430	Berkeley Marina Channel Light 2	LT EXT		SF-0086-22	40/22
5685	Richmond Harbor Channel Light 4	MISSING/TRLB		SF-0040-24	10/24
<b>5710</b>	<b>Richmond Harbor Channel Light 8</b>	<b>MISSING/TRLB</b>		<b>LA-0109-24</b>	<b>32/24</b>
5725	Richmond Harbor Channel Light 9	MISSING/TRLB		SF-0098-22	43/22
5845	San Rafael Creek Light 3	STRUCT DEST		SF-0109-23	48/23
5915	San Pablo Bay Channel Lighted Buoy 10	REDUCED INT		SF-0108-24	30/24
6095	Mare Island Strait Light 2	STRUCT DMGD/TRLB		SF-0152-20	49/20
6100	Mare Island Strait Light 3	STRUCT DEST/TRLB		SF-0173-23	47/23
6240	Carquinez Strait Light 23	LT EXT		SF-0008-23	02/23
6557	Suisun Bay Channel Light 24A	STRUCT DEST/TRLB		SF-0134-23	36/23
6685	San Joaquin River Light 8	STRUCT DMGD/TRLB		SF-0109-21	02/22
6760	San Joaquin River Light 25	MISSING/TRLB		SF-0012-24	05/24
6830	San Joaquin River Light 39	STRUCT DMGD		SF-0119-23	30/23
7210	Sacramento River Deep Water Ship Channel Light 10	MISSING/TRLB		SF-0101-21	32/21
7230	Sacramento River Deep Water Ship Channel Light 14	MISSING/TRLB		SF-0140-23	39/23
7235	Sacramento River Deep Water Ship Channel Light 15	MISSING/TRLB		SF-0100-20	42/23
7240	Sacramento River Deep Water Ship Channel Light 16	STRUCT DEST/TRLB		SF-0127-18	34/18
7260	Sacramento River Deep Water Ship Channel Light 20	MISSING/TRLB		SF-0108-21	05/23
7395	Sacramento River Deep Water Ship Channel Light 47	MISSING/TRLB		SF-0069-24	18/24
7810	Bodega Harbor Channel Light 6	STRUCT DMGD/TRLB		SF-0028-21	08/23
7815	Bodega Harbor Channel Daybeacon 7	STRUCT DEST/TRLB		SF-0046-23	08/23
8130	Humboldt Bay Entrance Lighted Whistle Buoy HB	REDUCED INT	18620	HB-0013-23	46/23
8195.1	Humboldt Bay Light 9	STRUCT DMGD	18620	HB-0014-24	01/24



8200	Humboldt Bay Lighted Buoy 10	OFF STA	HB-0011-24	27/24
	Humboldt Bay Light 9 TRLB	OFF STA	HB-0012-24	31/24

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20	Ocean Beach Pier Fog Sound Signal	SS INOP		SD-0002-19	05/19	
158	Scripps Waverider Lighted Research Buoy 092	OFF STA	18740		45/18	
199	Scripps SB Channel CCE-2 Research Buoy	OFF STA	18700	LA-0104-24	24/24	
478	Scripps Waverider Lighted Research Buoy 094	OFF STA	18620	HB-0010-24	27/24	
505	Scripps Waverider Lighted Research Buoy 168	LT EXT	18620	HB-0003-22	14/22	
1654	Shelter Island East Shoal Light	LT IMCH			17/24	
1665	Americas Cup Harbor Daybeacon 2	LT IMCH			17/24	
1665	Americas Cup Harbor Daybeacon 2	STRUCT DEST/TRUB		SD-0001-22	02/22	
1670	Americas Cup Harbor Daybeacon 4	LT IMCH			17/24	
1720	Navy San Diego Bay Mooring Buoy 19	LT EXT		SD-0079-23	42/23	
2054	Sweetwater Channel Light 4	LT EXT		SD-0019-24	02/24	
2056	Sweetwater Channel Light 6	LT EXT		SD-0018-24	02/24	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST		SD-0098-17	36/17	
2090	Coronado Cays Channel Light 7	STRUCT DEST/TRUB		SD-0046-22	31/22	
2159.1	Chula Vista Channel Shoal Light B	STRUCT DEST/LT EXT		SD-0021-23	14/23	
2255	Chula Vista Channel Light 21	DAYMK MISSING		SD-0017-24	03/24	
2288	Scripps Waverider Lighted Research Buoy 220	OFF STA	18022	SD-0041-20	30/20	
2289.1	Scripps Waverider Lighted Research Buoy 100	OFF STA	18740		22/20	
2289.4	Scripps "CORDC" Lighted Research Buoy	MISSING	18740		22/20	
2606	Quarry North Outer Lighted Mooring Buoy	MISSING			26/24	
2764.4	Catalina Sea Ranch SE Buoy	MISSING	18740	LA-0001-22	03/22	
2847	Long Beach Harbor Bait Barge LMB "NB"	OFF STA			12/24	
2848	Harbor Bait Barge Lighted Mooring Buoy "LB"	MISSING			12/24	
2856	Long Beach Harbor Mooring Buoy S-1	LT EXT			17/24	
2860	Long Beach Harbor Harley Marine Mooring Buoy "H"	LT EXT			12/24	
2866	Long Beach Harbor Manson Lighted Mooring Buoy M-1	LT EXT			17/24	
2867.2	Long Beach Harbor Manson Lighted Mooring Buoy M-3	LT EXT			17/24	
2870.1	Long Beach Harbor Manson Lighted Mooring Buoy M-4	LT EXT			17/24	
2871	Long Beach Harbor Brusco Lighted Mooring Buoy	LT EXT		LA-0009-21	03/21	
2871	Long Beach Harbor Brusco Lighted Mooring Buoy	LT EXT			12/24	
2872	Long Beach Harbor Lighted Mooring Buoy PT	LT EXT			17/24	
2875	Long Beach Harbor Bait Barge Lighted Mooring Buoy "FI"	MISSING			12/24	
2890	Shoreline Marina Breakwater Light East	LT EXT			17/24	

2895	Shoreline Marina Breakwater Light West	LT EXT		17/24
2900	Shoreline Marina Entrance Light East	LT EXT		17/24
2905	Shoreline Marina Entrance Light West	LT IMCH		20/24
2965	Catalina Landing West Light	LT EXT		12/24
3028	Pier F Fireboat Pier Light	LT EXT		12/24
3190	San Pedro Bait Company Lighted Mooring Buoy	OFF STA		26/24
3337	King Harbor Channel Buoy 1	OFF STA	LA-0028-24	07/24
3338	King Harbor Channel Buoy 2	OFF STA	LA-0028-24	07/24
3339.2	REDONDO HARBOR LIGHT	LT EXT	18740 LA-0181-18	52/18
3390	El Segundo NRG Energy Buoy 4ES	OFF STA		26/24
3400	El Segundo NRG Energy Buoy 6ES	OFF STA		26/24
3400	El Segundo NRG Energy Buoy 6ES	SINKING	LA-0153-21	39/21
3420	Hyperion Lighted Gong Buoy 10 ES	LT EXT		16/20
4401	Richardson Bay Daybeacon 8	DAYMK DMGD		15/20
4480	San Francisco Bay Anchorage 6 Lighted Mooring Buoy A	MISSING		46/23
4480.1	San Francisco Bay Anchorage 6 Lighted Mooring Buoy B	MISSING		46/23
4576	South Beach Harbor North Entrance Light 2	LT EXT	SF-0047-21	11/21
4577	South Beach Harbor North Entrance Light 1	LT EXT	SF-0046-21	10/21
4578	South Beach Harbor South Entrance Light 1	LT EXT	SF-0091-20	33/20
4827.1	San Francisco Bay Anchorage 9 Lighted Mooring Buoy A	LT EXT	SF-0012-20	04/20
4828.1	San Francisco Bay Anchorage 9 Lighted Mooring Buoy B	MISSING		39/23
5025	Oyster Cove Marina Light 1	LT IMCH		20/24
5035	Oyster Cove Marina Light 3	DAYMK DMGD		20/24
5045	Oyster Cove Marina Light 5	DAYMK DMGD		20/24
5140	Coyote Point Light 1	STRUCT DMGD		26/24
5145	Coyote Point Light 2	STRUCT DMGD		26/24
5661	Southampton Shoal Outfall Lighted Buoy 1	SINKING/RAC INOP	SF-0136-23	38/23
5662	Southampton Shoal Outfall Lighted Buoy 2	LT EXT	SF-0059-21	14/21
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING		36/18
5960	Oleum Wharf West Lights (4)	LT EXT		17/24
5965	Oleum Wharf East Lights (4)	LT EXT		17/24
6115	Vallejo Yacht Club Light 2	REDUCED INT		17/24
6120	Vallejo Marina South Entrance Light 2	LT IMCH		17/24
6125	Vallejo Marina South Entrance Light 1	LT IMCH		17/24
6136	Vallejo Marina North Entrance Light 2	LT IMCH		17/24
6137	Vallejo Marina North Entrance Light 1	LT IMCH		17/24
6255	Martinez Marina Light 1	LT IMCH		17/24
6260	Martinez Marina Light 2	LT IMCH		17/24
6281	Amorco Wharf East Lights	LT EXT		17/24
6356	Suisun Bay Plains Products Pier Light (A)	LT EXT		17/24
6357	Suisun Bay Plains Products Pier Light (B)	LT EXT		17/24
6358	Suisun Bay Plains Products Pier Light (C)	LT IMCH		17/24
6359	Suisun Bay Plains Products Pier Light (D)	LT EXT		17/24

6363	Avon Turning Basin North Light	LT EXT		17/24
6365	Avon Wharf West Lights	LT IMCH		17/24
6605	Pittsburg Marina East Basin Light 1	LT IMCH		17/24
6623	New York Slough Koch West Light	LT IMCH		39/18
6624	New York Slough Koch East Light	LT EXT		39/18
6645.5	Delta Diablo Outfall Lighted Buoy	LT EXT	SF-0005-22	02/22
6677	Antioch Marina Entrance Light 1	LT IMCH		17/24
6677	Antioch Marina Entrance Light 1	LT IMCH		18/23
6678	Antioch Marina Entrance Light 2	LT IMCH		17/24
6678	Antioch Marina Entrance Light 2	LT IMCH		39/23
7650.1	Georgiana Slough Fish Barrier Warning Buoy 9	MISSING		17/24
7650.2	Georgiana Slough Fish Barrier Warning Buoy 10	MISSING		17/24
7650.3	Georgiana Slough Fish Barrier Warning Buoy 7	MISSING		17/24
7650.4	Georgiana Slough Fish Barrier Warning Buoy 8	MISSING		17/24
7650.5	Georgiana Slough Fish Barrier Warning Buoy 2	LT EXT		17/24
7650.6	Georgiana Slough Fish Barrier Warning Buoy 1	LT EXT		17/24
8325	Pacific Gas and Electric Dike Light	LT EXT	HB-0009-21	20/21

#### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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
182	Scripps Waverider CDIP Lighted Research Buoy 234	DISCONTINUED	18720	LA-0052-24	11/24	
1571	Ballast Point Shoal Buoy	DISCONTINUED FOR DREDGING		SD-0022-24	08/24	

#### TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

#### PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp)	ADD	NATIONAL DOCK CHANNEL BUOY 3			at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	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.

50	9th Ed.	01-DEC-15	Last LNM: 34/22	NAD 83		32/24
ChartTitle: North Pacific Ocean (eastern part) Bering Sea Continuation						
Main Panel 2400 NORTH PACIFIC OCEAN EASTERN PART. Page/Side: A						
					NOS	
LAST EDITION	No new editions of chart 50 will be published. It will be canceled on 04-Sep-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					--
501	13th Ed.	01-JUN-09	Last LNM: 31/22	NAD 83		32/24
ChartTitle: North Pacific Ocean West Coast Of North America Mexican Border To Dixon Entrance						
Main Panel 1650 MEXICAN BORDER TO DIXON ENTRANCE. Page/Side: N/A						
					NOS	
LAST EDITION	No new editions of chart 501 will be published. It will be canceled on 04-Sep-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					--
530	35th Ed.	01-DEC-15	Last LNM: 34/22	NAD 83		32/24
ChartTitle: North America West Coast San Diego to Aleutian Islands and Hawai'ian Islands						
Main Panel 2405 SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS. Page/Side: A						
					NOS	
LAST EDITION	No new editions of chart 530 will be published. It will be canceled on 04-Sep-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					--
18007	33rd Ed.	01-FEB-09	Last LNM: 23/21	NAD 83		32/24
ChartTitle: San Francisco to Cape Flattery						
Main Panel 1652 SAN FRANCISCO TO CAPE FLATTERY. Page/Side: N/A						
					NOS	
LAST EDITION	No new editions of chart 18007 will be published. It will be canceled on 02-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					--
18010	22nd Ed.	01-SEP-12	Last LNM: 29/20	NAD 83		32/24
ChartTitle: Monterey Bay to Coos Bay						
Main Panel 1653 MONTEREY BAY TO COOS BAY. Page/Side: N/A						
					NOS	
LAST EDITION	No new editions of chart 18010 will be published. It will be canceled on					--

02-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

<b>18020</b>	<b>39th Ed.</b>	<b>01-JAN-12</b>	<b>Last LNM: 10/21</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Diego to Cape Mendocino</i>						
<b>Main Panel 1654 SAN DIEGO TO CAPE MENDOCINO. Page/Side: N/A</b>						
LAST EDITION	No new editions of chart 18020 will be published. It will be canceled on 02-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
<b>18022</b>	<b>36th Ed.</b>	<b>01-JUN-11</b>	<b>Last LNM: 10/21</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Diego to San Francisco Bay</i>						
<b>Main Panel 1655 SAN DIEGO TO SAN FRANCISCO BAY. Page/Side: N/A</b>						
LAST EDITION	No new editions of chart 18022 will be published. It will be canceled on 02-Oct-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
<b>18600</b>	<b>15th Ed.</b>	<b>01-MAR-11</b>	<b>Last LNM: 40/17</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Trinidad Head to Cape Blanco</i>						
<b>Main Panel 1800 TRINIDAD HEAD TO CAPE BLANCO . Page/Side: N/A</b>						
LAST EDITION	No new editions of chart 18600 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
<b>18602</b>	<b>13th Ed.</b>	<b>01-FEB-12</b>	<b>Last LNM: 24/17</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Pyramid Point to Cape Sebastian;Chetco Cove;Hunters Cove</i>						
<b>Main Panel 1802 PYRAMID POINT TO CAPE SEBASTIAN. Page/Side: N/A</b>						
LAST EDITION	No new editions of chart 18602 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
CANCELED	Chart 18602 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
<b>18603</b>	<b>17th Ed.</b>	<b>01-MAR-11</b>	<b>Last LNM: 44/08</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: St. George Reef and Crescent City Harbor;Crescent City Harbor</i>						
<b>Main Panel 1803 ST. GEORGE REEF AND CRESCENT CITY HARBOR. Page/Side: N/A</b>						
LAST EDITION	No new editions of chart 18603 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
CANCELED	Chart 18603 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --	--
<b>18620</b>	<b>24th Ed.</b>	<b>01-FEB-12</b>	<b>Last LNM: 29/20</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Point Arena to Trinidad Head;Rockport Landing;Shelter Cove</i>						
<b>Main Panel 1806 POINT ARENA TO TRINIDAD HEAD. Page/Side: N/A</b>						

					NOS	
	LAST EDITION	No new editions of chart 18620 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--		
<b>18623</b>	<b>12th Ed.</b>	<b>01-JAN-12</b>	<b>Last LNM: 10/12</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Cape Mendocino and vicinity</i>						
<b>Main Panel 1810 CAPE MENDOCINO AND VICINITY. Page/Side: N/A</b>						
	LAST EDITION	No new editions of chart 18623 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
	CANCELED	Chart 18623 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
<b>18640</b>	<b>27th Ed.</b>	<b>01-OCT-15</b>	<b>Last LNM: 33/20</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Francisco to Point Arena</i>						
<b>Main Panel 1816 SAN FRANCISCO TO POINT ARENA. Page/Side: A</b>						
	LAST EDITION	No new editions of chart 18640 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
<b>18649</b>	<b>68th Ed.</b>	<b>01-JUN-13</b>	<b>Last LNM: 16/20</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Entrance to San Francisco Bay</i>						
<b>Main Panel 1823 SAN FRANCISCO ENTRANCE. Page/Side: N/A</b>						
	LAST EDITION	No new editions of chart 18649 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
	CANCELED	Chart 18649 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
<b>18650</b>	<b>58th Ed.</b>	<b>01-JAN-17</b>	<b>Last LNM: 09/21</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Francisco Bay Candlestick Point to Angel Island</i>						
<b>Main Panel 1824 SAN FRANCISCO BAY CANDLESTICK POINT TO ANGEL ISLAND. Page/Side: A</b>						
	LAST EDITION	No new editions of chart 18650 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
	CANCELED	Chart 18650 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	--		
<b>18653</b>	<b>12th Ed.</b>	<b>01-OCT-12</b>	<b>Last LNM: 16/20</b>	<b>NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Francisco Bay-Angel Island to Point San Pedro</i>						
<b>Main Panel 1939 SAN FRANCISCO BAY ANGEL ISLAND TO POINT SAN PEDRO. Page/Side: N/A</b>						
	LAST EDITION	No new editions of chart 18653 will be published. It will be canceled on	NOS	--		

31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

CANCELED Chart 18653 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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**18654 45th Ed. 01-JAN-11 Last LNM: 09/21 NAD 83 32/24**

*ChartTitle: San Pablo Bay*

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

LAST EDITION No new editions of chart 18654 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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CANCELED Chart 18654 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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**18655 59th Ed. 01-OCT-06 Last LNM: 09/21 NAD 83 32/24**

*ChartTitle: Mare Island Strait*

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

LAST EDITION No new editions of chart 18655 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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CANCELED Chart 18655 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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**18656 56th Ed. 01-AUG-10 Last LNM: 09/21 NAD 83 32/24**

*ChartTitle: Suisun Bay*

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

LAST EDITION No new editions of chart 18656 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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CANCELED Chart 18656 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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**18658 31st Ed. 01-SEP-07 Last LNM: 30/19 NAD 83 32/24**

*ChartTitle: SUISUN BAY-Roe Island and vicinity*

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

LAST EDITION No new editions of chart 18658 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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NOS

CANCELED	Chart 18658 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
<b>18661</b>	<b>30th Ed. 01-MAR-09 Last LNM: 22/20 NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Sacramento and San Joaquin Rivers Old River, Middle River and San Joaquin River extension;Sherman Island</i>			
<b>Main Panel 1855 SACRAMENTO AND SAN JOAQUIN RIVERS. Page/Side: B</b>			
LAST EDITION	No new editions of chart 18661 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
CANCELED	Chart 18661 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
<b>18662</b>	<b>22nd Ed. 01-MAY-09 Last LNM: 09/21 NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Sacramento River Andrus Island to Sacramento</i>			
<b>Main Panel 1857 SACRAMENTO RIVER ANDRUS ISLAND TO SACRAMENTO. Page/Side: N/A</b>			
LAST EDITION	No new editions of chart 18662 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
CANCELED	Chart 18662 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
<b>18663</b>	<b>6th Ed. 01-APR-06 Last LNM: 30/19 NAD 83</b>		<b>32/24</b>
<i>ChartTitle: San Joaquin River Stockton Deep Water Channel Medford Island to Stockton</i>			
<b>Main Panel 1945 SAN JOAQUIN RIVER MEDFORD ISLAND TO STOCKTON. Page/Side: N/A</b>			
LAST EDITION	No new editions of chart 18663 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
CANCELED	Chart 18663 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
<b>18664</b>	<b>12th Ed. 26-AUG-00 Last LNM: 15/08 NAD 83</b>		<b>32/24</b>
<i>ChartTitle: Sacramento River Sacramento to Fourmile Bend</i>			
<b>Main Panel 1860 SACRAMENTO RIVER SACRAMENTO TO FOURMILE BEND. Page/Side: A</b>			
LAST EDITION	No new editions of chart 18664 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
CANCELED	Chart 18664 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--



18680	32nd Ed.	01-MAY-13	Last LNM: 33/16	NAD 83	32/24
ChartTitle: Point Sur to San Francisco					
Main Panel 1866 POINT SUR TO SAN FRANCISCO. Page/Side: N/A					
LAST EDITION	No new editions of chart 18680 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
18685	34th Ed.	01-SEP-12	Last LNM: 33/16	NAD 83	32/24
ChartTitle: Monterey Bay;Monterey Harbor;Moss Landing Harbor;Santa Cruz Small Craft Harbor					
Main Panel 1868 MONTEREY BAY. Page/Side: N/A					
LAST EDITION	No new editions of chart 18685 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
CANCELED	Chart 18685 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
18700	23rd Ed.	01-SEP-13	Last LNM: 31/19	NAD 83	32/24
ChartTitle: Point Conception to Point Sur					
Main Panel 1876 POINT CONCEPTION TO POINT SUR. Page/Side: N/A					
LAST EDITION	No new editions of chart 18700 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
18703	26th Ed.	01-MAR-13	Last LNM: 05/21	NAD 83	32/24
ChartTitle: Estero Bay;Morro Bay					
Main Panel 1877 ESTERO BAY. Page/Side: N/A					
LAST EDITION	No new editions of chart 18703 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
CANCELED	Chart 18703 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
18720	35th Ed.	01-APR-20	Last LNM: 28/20	NAD 83	32/24
ChartTitle: Point Dume to Purisma Point					
Main Panel 1880 POINT DUME TO PURISIMA POINT - -. Page/Side: -					
LAST EDITION	No new editions of chart 18720 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .				NOS --
18724	3rd Ed.	01-JUN-13	Last LNM: 17/09	NAD 83	32/24
ChartTitle: Port Hueneme And Approaches;Port Hueneme					
Inset 1882 PORT HUENEME. Page/Side: N/A					
LAST EDITION	No new editions of chart 18724 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC)				NOS --

coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

CANCELED	Chart 18724 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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<b>18725</b>	<b>31st Ed.</b>	<b>01-OCT-20</b>	<b>Last LNM: 30/20</b>	<b>NAD 83</b>	<b>32/24</b>
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*ChartTitle:* **Port Hueneme to Santa Barbara;Santa Barbara;Channel Islands Harbor and Port Hueneme;Ventura**

**Main Panel 1884 PORT HUENEME TO SANTA BARBARA - -. Page/Side: -**

LAST EDITION	No new editions of chart 18725 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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CANCELED	Chart 18725 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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<b>18728</b>	<b>9th Ed.</b>	<b>01-NOV-04</b>	<b>Last LNM: 51/18</b>	<b>NAD 83</b>	<b>32/24</b>
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*ChartTitle:* **Santa Cruz Channel**

**Main Panel 1890 SANTA CRUZ CHANNEL. Page/Side: N/A**

LAST EDITION	No new editions of chart 18728 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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CANCELED	Chart 18728 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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<b>18729</b>	<b>13th Ed.</b>	<b>01-OCT-05</b>	<b>Last LNM: 49/18</b>	<b>NAD 83</b>	<b>32/24</b>
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*ChartTitle:* **Anacapa Passage;Prisoners Harbor**

**Main Panel 1891 ANACAPA PASSAGE. Page/Side: N/A**

LAST EDITION	No new editions of chart 18729 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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CANCELED	Chart 18729 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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<b>18740</b>	<b>46th Ed.</b>	<b>01-JUL-20</b>	<b>Last LNM: 10/21</b>	<b>NAD 83</b>	<b>32/24</b>
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*ChartTitle:* **San Diego to Santa Rosa Island**

**Main Panel 1893 SAN DIEGO TO SANTA ROSA ISLAND - -. Page/Side: -**

LAST EDITION	No new editions of chart 18740 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS --	--
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<b>18744</b>	<b>33rd Ed.</b>	<b>01-AUG-10</b>	<b>Last LNM: 16/09</b>	<b>NAD 83</b>	<b>32/24</b>
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ChartTitle: Santa Monica Bay;King Harbor

Main Panel 1894 SANTA MONICA BAY. Page/Side: N/A

LAST EDITION	No new editions of chart 18744 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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CANCELED	Chart 18744 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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18749 44th Ed. 01-OCT-15 Last LNM: 21/09 NAD 83 32/24

ChartTitle: San Pedro Bay;Anaheim Bay Huntington Harbor

Main Panel 1902 SAN PEDRO BAY. Page/Side: A

LAST EDITION	No new editions of chart 18749 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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CANCELED	Chart 18749 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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18757 11th Ed. 01-SEP-04 Last LNM: 06/08 NAD 83 32/24

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

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

LAST EDITION	No new editions of chart 18757 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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CANCELED	Chart 18757 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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18758 8th Ed. 01-MAR-17 Last LNM: 06/12 NAD 83 32/24

ChartTitle: Del Mar Boat Basin

Main Panel 1912 DEL MAR BOAT BASIN CAMP JOSEPH H. PENDLETON CALIFORNIA - -. Page/Side: -

LAST EDITION	No new editions of chart 18758 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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CANCELED	Chart 18758 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	NOS	
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18772 48th Ed. 01-DEC-05 Last LNM: 10/20 NAD 83 32/24

ChartTitle: Approaches to San Diego Bay

Main Panel 1919 APPROACHES TO SAN DIEGO BAY. Page/Side: N/A

LAST EDITION	No new editions of chart 18772 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster	NOS	
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Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

		NOS	
CANCELED	Chart 18772 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--

18773	43rd Ed.	01-MAY-12	Last LNM: 10/20	NAD 83	32/24
Chart Title: San Diego Bay					
Main Panel 1920 SAN DIEGO BAY. Page/Side: N/A					

		NOS	
LAST EDITION	No new editions of chart 18773 will be published. It will be canceled on 31-Jul-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--
		NOS	
CANCELED	Chart 18773 is canceled. No Print-on Demand or digital raster formats of this chart are available. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .	--	--

## 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)

#### CALIFORNIA-SAN FRANCISCO TO SAN DIEGO-REMOVAL OF RACONS ON AIDS TO NAVIGATION

The U.S. Coast Guard will be removing the RACONS from aids to navigation located along the California Coast due to the consistent failure of the signals and that they are no longer considered necessary for safe navigation of the waterways. While there is no specific timeline for the removal of this equipment, it will be coordinated with servicing and discrepancy responses. The removal of the RACONS will be announced by Broadcast Notice to Mariners and published in the Local Notice to Mariners as Chart and Light List corrections. These aids to navigation are:

Harding Rock Lighted Buoy HR (LLNR 4330): 37-50-17.661N 122-26-45.579W

Los Angeles Approach Channel Lighted Whistle Buoy 3 (LLNR 3107): 33-41-16.012N 118-14-24.050W

Long Beach Channel Approach Lighted Whistle Buoy LB (LLNR 3010): 33-41-24.013N 118-11-01.050W

Mariners are requested to respond in writing to the Coast Guard District office with any comments on this change at D11-SMB-D11-LNM@uscg.mil.

Any discrepancy for these or other Aids to Navigation should continue to be reported to the closest US Coast Guard Sector.

Charts: 18007 18010 18022 18640 18649 18650 18680 18746 18749 18765 18772 LNM: 33/23

#### NORTHERN CALIFORNIA-TRINIDAD HEAD-SOUND SIGNAL DEVICE REMOVAL

The U.S. Coast Guard will be permanently discontinuing the sound signal device on the Trinidad Head Light (LLNR 525) in position 41-03-06.86N 124-09-04.24W. Please direct questions, comments, or concerns no later than 13 August, 2024 to SMB-D11ALAMEDA-SignalManagement@uscg.mil.

Charts: 18010 18620 LNM: 25/24

## SECTION VI - PROPOSED CHANGES

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

### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

### Proposed Change Notice(s)

#### CALIFORNIA-REPLACING SAFE WATER BUOYS WITH V-AIS- PROPOSED CHANGE

The U.S. Coast Guard is proposing to remove the following Safe Water Buoys and replace them with Virtual AIS (V-AIS) Aid to Navigation:

LLNR 455 - Noyo Approach Lighted Whistle Buoy NA

LLNR 490 - Humboldt Bay Entrance Lighted Whistle Buoy HB

Direct any questions, comments, or feedback no later than 20 August, 2024 to [SMB-D11ALAMEDA-SignalManagement@uscg.mil](mailto:SMB-D11ALAMEDA-SignalManagement@uscg.mil).

Charts: 18600 18620 18640 18680 18700 18720 18740

LNM: 26/24

#### **NORTHERN CALIFORNIA-SEASONAL AID TO PERMANENT AID- PROPOSED CHANGE**

The U.S. Coast Guard is proposing to change Humboldt Bay Lighted Bell Buoy 2 LLNR 8135 from a seasonal aid to permanent aid. Direct any questions, comments, or feedback no later than 20 August, 2024 to [SMB-D11ALAMEDA-SignalManagement@uscg.mil](mailto:SMB-D11ALAMEDA-SignalManagement@uscg.mil).

Chart 18620

LNM: 27/24

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### **SECTION VII - GENERAL**

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

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#### **ANNOUNCEMENT – U.S. Coast Pilot® 7 and U.S. Coast Pilot® -NEW EDITIONS-Spring 2023**

PUBLICATION–National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 7, Pacific Coast:

California, 56th Edition, 2024, has been issued and is ready for free download and weekly updates at

[www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html).

Only Print-on-Demand (POD) 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).

The 2024 Edition cancels the preceding 2023 Edition, and incorporates all previous corrections.

LNM: 23/24

#### **CALIFORNIA-OFFSHORE NORTHERN CALIFORNIA-SALMON FISHERIES**

NMFS has taken inseason actions in the commercial salmon fisheries north of Cape Falcon. Effective 12:01am Thursday, 1 August, 2024 for the commercial salmon troll fishery in the area between the U.S./Canada border and Cape Falcon, landing and possession limit of 20 Chinook Salmon and the 100 marked Coho Salmon per vessel per landing week (Thursday-Wednesday).

Charts: 18500 18520 18580 18600 18620

LNM: 32/24

#### **CALIFORNIA- OFFSHORE WASHINGTON-SALMON FISHERIES**

NMFS has taken inseason actions in the commercial salmon fisheries and recreational salmon fisheries north of Cape Falcon. Effective 12:01am 11 July, 2024, the Chinook quota for the July-September north of falcon commercial salmon troll fishery will be modified to 13,800 Chinook. Effective 12:01am Saturday, 13 July, 2024 through 15 September, 2024, for the recreational fishery in the area between the U.S./Canada border and the Queets River (Neah Bay and La Push subareas), the daily bag limit in both subareas is two salmon per day for all salmon, except no chum beginning 1 August, 2024. All Coho salmon must be marked with a healed adipose fin clip. Chinook salmon minimum size is 24 inches, and coho salmon minimum size is 16 inches.

Charts: 18500 18520 18580 18600 18620

LNM: 29/24

#### **CALIFORNIA-CALIFORNIA COAST-VOLUNTARY VESSEL SPEED REDUCTION**

NOAA, U.S. Coast Guard and the Environmental Protection Agency request that all vessels 300 gross registered tons (GRT) or larger reduce speeds to 10 knots or less when transiting in the Vessel Speed Reduction zones off of San Francisco and Monterey from 1 May, 2024 until 31 December, 2024, and off Southern California from 1 May, 2024 until 15 December, 2024 to protect endangered whales. See 2024 NOAA USCG EPA VSR Announcement pdf in the enclosure section. 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 Whale Alert, a free application available at <https://www.whalealert.org/>. For more information, contact Sean Hastings at 805-705-1790 or email at [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov).

LNM: 16/24

#### **CALIFORNIA-USCG-NEW MECHANIC MARINER CREDENTIAL**

The U.S. Coast Guard announced a new merchant mariner credential (MMC) set to launch on March 1, 2024. This milestone marks the first comprehensive revision of the mariner credential in nearly a decade and is strategically designed to enhance both quality of service and security within the Marine Transportation System (MTS). U.S. Coast Guard Marine Safety Information Bulletin (MSIB) 01-24, New Merchant Mariner Credential Passport Booklet Replacement, has been posted on the DCO's MSIB Site and announced at the National Maritime Center (CG-NMC) Home Page ([uscg.mil](http://uscg.mil)). Please visit these resources for more information on the credential.

LNM: 09/24

#### **CENTRAL CALIFORNIA-GROVER BEACH-DIVE OPERATIONS**

Theory Marine Services will be conducting dive operations off shore Grover Beach in the vicinity of 35-07-00N 120-39-00W from 21 July, 2024 until 1 September, 2024. The M/V JAB will be on scene and in support of the installation of the cable system in the subsea cable area. M/V JAB will be restricted in ability to maneuver due to deploying multiple anchor spreads up to 2000 feet in length and will be monitoring VHF-FM Chan. 16.

Mariners are requested to transit the area with caution. For more details or comments contact Brayton Pointer at 805-746-4242.

LNM: 28/24

#### **CENTRAL CALIFORNIA-GROVER BEACH/MORRO BAY-MARINE OPERATIONS**

Alcatel Submarine Networks will be conducting marine fiber optic cable Installations offshore Grover Beach/Morro Bay, CA from 10 July, 2024 until 31 August, 2024. Installation operations will be conducted by Cable Ship LLE DE BREHAT. For cable locations see enclosure "Bifrost Subsea Fiber Optic Cable". Fishermen are requested to remove all fishing lines or traps within one nm on either side of the coordinates located on the enclosure.

Mariners are requested to transit the area with caution. For more details or comments contact Chris Brungardt at 916-949-9141.

Charts: 18700 18720

LNM: 24/24

#### **CENTRAL CALIFORNIA-MORRO BAY-GEOPHYSICAL SURVEY OPERATIONS**

Golden State Wind LLC will be conducting low-energy geophysical site characterization surveys from 2 July, 2024 until 31 October, 2024 in federal waters. The survey vessel, GO ADVENTURER will begin transit to the Golden State Wind Lease Area approximately 50NM Northwest of Morro Bay, CA on 1 July, 2024. GO ADVENTURER, will be utilizing low energy survey equipment and deploying an Autonomous Underwater Vehicle (AUV) for geophysical surveys. Crew will be continuously monitoring VHF-FM Chan. 13 & 16. Mariners are requested to transit the area with caution. For more information or comments contact, Golden State Wind's Fisheries Liaison, Rachel Mahler at 805-680-8138 or rachel.mahler@oceanwinds.com or check [www.goldenstatewind.com/#mariners](http://www.goldenstatewind.com/#mariners) for Project updates.

Chart 18700

LNM: 25/24

#### **CENTRAL CALIFORNIA-OFFSHORE CENTRAL CALIFORNIA-CABLE LAYING**

Louis Dreyfus Armateurs will be conducting cable laying operations from 14 July, 2024 until 15 August, 2024 offshore San Luis Obispo at positions:

35-40-00N 124-25-00W

35-36-00N 124-35-00W

35-18-00N 124-20-00W

35-26-00N 122-20-00W

35-27-00N 121-57-00W

35-22-00N 121-32-00W

35-06-00N 120-56-00W

35-04-00N 120-48-00W

35-07-00N 120-39-00W

Cable Ship ILE DE BREHAT will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments, contact Louis Dreyfus Armateurs at +47 2367 4918.

Chart 18700

LNM: 27/24

#### **CENTRAL CALIFORNIA-TUOLUMNE RIVER-FLOODPLAIN AND SPAWNING HABITAT RESTORATION**

Triangle Properties, Inc. will be conducting Floodplain and Spawning Habitat Restoration from 8 July, 2024 until 31 October, 2024 near Tuolumne River in Stanislaus County near the town of La Grange at 37-39-59N 120-27-49W and continuing downstream for 1.5 miles west. Mariners are requested to transit the area with caution. For more details or comments contact Terrie Hansen at 916-768-2282.

Chart 18020

LNM: 28/24

#### **LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT**

RPM Racing Enterprises will be sponsoring the Best of the West Series Rounds 8 and 9, personal watercraft (PWC) race on 9 August, 2024 until 11 August, 2024 from 6:00am to 6:00pm each day. The event will involve approximately 130 participants racing in the vicinity of Blue Water Resort and Casino. Mariners are requested to transit the area with caution. For more details or comments contact Ross Wallach at 310-318-4012.

LNM: 31/24

#### **LOWER COLORADO RIVER-LAUGHLIN-MARINE EVENT**

The Avi Resort & Casino will be hosting the Fireworks Over the Colorado River fireworks event on September 1, 2024 from 7:00pm to 9:00pm each day in Laughlin, NV. Waterway closures will be in effect from Veterans Bridge to the north end of Avi Resorts Lagoon during the event. Mariners are requested to transit the area with caution. For more details or comments contact David Smith at 702-420-3928.

LNM: 11/24

#### **NORTHERN CALIFORNIA-ALCATRAZ ISLAND-MARINE CONSTRUCTION**

Manson Construction Co. will be conducting marine construction to the wharf at Alcatraz Island at 37-49-36N 122-25-15W. Construction will begin on 23 January, 2023 and be completed on 04 October, 2025. During construction DB HAGAR will be utilizing divers during low tide. Tug WESTAR will be assisting DB HAGAR and monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Matt Lehmann at 510-529-1583.

Chart 18653

LNM: 50/22

#### **NORTHERN CALIFORNIA-CRESENT CITY-SUBMERGED VESSEL**

The Coast Guard received a report of a partially submerged vessel in the vicinity of Crescent City and Castle Rock in position 41-45-44N 124-15-57W. Mariners are advised to exercise due caution while transiting the area. For more details or comments contact USCG Sector Humboldt at 707-839-6113 or D11-SMB-SectorHumboldtBay-CommandCenter@uscg.mil.

Chart 18010

LNM: 23/24

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

CAPITAL CITY HWY (Route 51) BRIDGE-Caltrans is conducting rehabilitation of the bridge until 27 June, 2025. Work will be conducted during daylight hours, 7am to 5:30pm, Monday through Friday, and will include the use of barges, work boats, tugboats, turbidity curtains, and access piers. (See AmRiv\_SiltCurtain\_BargeLocation.pdf in the enclosure section.). During the workday, barges can be moved for the safety of navigation with one hour notice to the contractor via VHF-FM CH 16 or by cell at 916-532-8208. Mariners should contact the contractor before transiting the bridge to determine location of turbidity curtains. Barges will be unmanned and moored at their work locations overnight. Each corner of each barge will be lighted at night with steady burning red lights. At least 25 feet of horizontal clearance for navigation will be available at all times. Mariners are requested to transit the area with caution. For further information, contact the Coast Guard Bridge Office at 510-774-1204.

Chart 18662

LNM: 23/22

#### **NORTHERN CALIFORNIA-DELTA & RIVERS-GRANT LINE CANAL-BRIDGE**

TRACY BLVD BRIDGE- San Joaquin County will secure the drawspan in the closed-to-navigation position from 1 October, 2024 until 31 January, 2025, to conduct repair/rehabilitation work. When closed the bridge provides 16' of vertical clearance at high water. Vessels that can transit the bridge while closed can continue to do so at any time. For further information, contact the Coast Guard Bridge Office at (510) 437-3461 or via email at D11Bridges@uscg.mil.

Chart 18661

LNM: 28/24

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

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

BACON ISLAND ROAD DRAWBRIDGE- San Joaquin County will secure the drawspan in the closed-to-navigation position from 1 October, 2024 until 31 January, 2025, to conduct repair/rehabilitation work. When closed the bridge provides 8' of vertical clearance at mean high water. Vessels that can transit the bridge while closed can continue to do so at any time. For further information, contact the Coast Guard Bridge Office at (510) 437-3461 or via email at D11Bridges@uscg.mil.

Chart 18661

LNM: 28/24

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

CA ROUTE 4-The downriver northeast dolphin has been partially removed, exposing the center steel pile of the dolphin. There is no protection around the steel pile. A red light is mounted atop the steel pile. Mariners are urged to transit the area with caution. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 44/23

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

BNSF RAILROAD DRAWBRIDGE-Fender work is being conducted at the bridge, Monday through Saturday, 6 am to 4:30 pm, 25 March, 2024 through 27 September, 2024. A 50' X 80' flexi-float barge and a 50' X 110' material barge will be spudded down at the piers (See BNSF\_OldRiver\_Barge\_Lighting01.pdf in the enclosure section). The material barge will be moored behind the fender system at all times and the flexi-float will be moored against the pier protection being worked in in the navigation span. For the safety of navigation, the flexi-float can be moved if 1-hours notice is given to the contractor at 206-391-5461 or 206-450-4639. Mariners are requested to transit the area with caution. For on-site conditions contact the contractor. For further information contact the Coast Guard Bridge Office at 510-437-3515 or D11-SG-M-DPW-Bridges@uscg.mil.

Chart 18661

LNM: 13/24

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

BLACK POINT RAILROAD BRIDGE- The upstream northeast side fenders and dolphin are damaged and may not offer adequate protection for the bridge or vessels. Mariners are urged to exercise caution when transiting through the bridge. Estimated time of repairs is unknown. For comments, contact the Coast Guard Bridge at 510-437-3516 or via email D11Bridges@uscg.mil.

Chart 18654

LNM: 32/24

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

BLACK POINT RAILROAD BRIDGE- The upstream northeast side fenders are damaged and may not offer adequate protection for the bridge or vessels. Mariners are urged to exercise caution when transiting through the bridge. Estimated time of repairs is unknown. For comments, contact the Coast Guard Bridge Office at (510) 437-3461.

Chart 18654

LNM: 28/23

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

CA ROUTE 37 BRIDGE- AVAILABILITY OF PRELIMINARY PUBLIC NOTICE- The United States Coast Guard is soliciting public comments on a proposal by the California Department of Transportation (Caltrans) to replace the pier protection system at the existing Route 37 bridge across the Petaluma River. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. This public notice allows the public to comment on the navigational clearances being proposed. A Coast Guard Bridge Permit application has not yet been submitted but would be required for this project.

WATERWAY AND LOCATION: Petaluma River, mile 1.0, near Blackpoint, at the Marin/Sonoma County line, California. 38.11577, -122.50537.

Preliminary Public Notice (11-163), dated July 18, 2024, contains a description of the proposed bridge modification project including maps and bridge drawings detailing the reduction in horizontal navigational clearance. Interested parties may access Active Public Notices for Bridge Projects for the Eleventh Coast Guard District at the following website: <https://go.usa.gov/xJ8yw>. The public notice may also be obtained by calling the Eleventh Coast Guard District Bridge Office at (510) 437-3516; by writing to Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg 50-2, Alameda, CA 94501-5100; or by email request at D11Bridges@uscg.mil.

Mariners are requested to comment on the proposed bridge modification project. Interested parties are requested to express their views in writing. Comments will be received for the record at the address given in Preliminary Public Notice (11-163) through August 19, 2024.

Chart 18654

LNM: 30/24

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

RIO VISTA BRIDGE-Continuing rehabilitation of the bridge will require an advance notice from vessels for openings. Therefore, the lift span of the bridge will open on signal if at least 4-hour notice is given to the drawtender at 707-374-2134. For further information contact the Coast Guard Bridge Office at 510-437-3516 or D11Bridges@uscg.mil.

Chart 18661

LNM: 25/24

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

RIO VISTA BRIDGE-The upriver and downriver green center channel lights on the lift span are not operational. The center span channel lights show red in all positions, even when the span is in the fully open-to-navigation position. The bridgetender will be able to inform any vessel requesting an opening when the lift span is fully open. Estimated time of repair is unknown. For further information contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 49/22

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

REPLACEMENT BUTTE CITY BRIDGE- Replacement bridge construction continues Monday through Friday during daylight hours until 25 September, 2026. A temporary trestle, along with falsework, has been installed at the bridge site. High flood waters have caused damaged to the temporary trestle. The alternate navigation span during construction has moved from the center of the trestle to the east bank of the river. Mariners are requested to use extreme caution when transiting the construction site. The alternate navigation span will be moved back to its original position once water flows recede, and the trestle can be repaired. For on-scene conditions contact Golden State Bridge, Inc, at 415-720-6577 or 925-260-0403 or Caltrans at 530-941-8272 or 530-682-3931. For further information contact the Coast Guard Bridge Office at 510-437-3461.

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

LNM: 09/24

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

STEAMBOAT SLOUGH BRIDGE-Major mechanical and electrical rehabilitation of the bridge will begin on 15 July, 2024. Therefore, from 6:00am on 15 July, 2024 through 6:00pm on 30 December, 2024, the drawspan of the bridge will be secured in the closed-to-navigation position and will not open for vessels for any reason. When closed the bridge provides 20 feet of vertical clearance at mean high water. Vessels able to pass through the bridge while closed can continue to do so at any time. Vessels that cannot pass the bridge when closed can take an alternate route to reach either side of the bridge. For further information contact the Coast Guard Bridge Office at 510-219-4366 or D11Bridges@uscg.mil.

Chart 18662

LNM: 27/24

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

THREE MILE SLOUGH BRIDGE- The lift span of the bridge will be secured in the closed-to-navigation position from 02 January, 2024 through 30 August, 2024, to conduct major mechanical and electrical rehabilitation. During the work, the lift span will not be able to open for the passage of vessels. In the closed position the bridge provides 12 feet of vertical clearance at mean high water. Vessels able to pass through the bridge while closed can continue to do so at any time. For further information contact the Coast Guard Bridge Office at 571-607-5820.

Chart 18661

LNM: 50/23

**NORTHERN CALIFORNIA-DELTA & RIVERS-TURNER CUT-BRIDGE**

ZUCKERMAN BROTHERS BRIDGE-The retractable span of the bridge is secured in the closed-to-navigation position due to mechanical and electrical issues. When closed the bridge provides 16 feet of vertical clearance at mean high water. Vessels able to transit the bridge while closed can continue to do so at any time. Estimated time of repair, unknown. For further information contact the Coast Guard Bridge Office at 510-467-3516.

Chart 18661

LNM: 25/23

**NORTHERN CALIFORNIA-ECHOSOUNDER SURVEY-MONTEREY BAY**

R/V PARAGON will be conducting a Multibeam Echosounder Survey operations in the vicinity of Moss Landing in position 36-48-00N, 121-47-00W for the following dates pending weather.

2024: 14 October, 13 November, 5 December and 19 December.

2025: 16 January, 13 February, 13 March and 10 April.

R/V PARAGON will monitor VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Aaron Micallef at 831-775-1747.

Chart 18700

LNM: 31/24

**NORTHERN CALIFORNIA-HUMBOLDT-NAVIGATION OBSTRUCTION**

Humboldt Bay Light 9 (LLNR 8195.1) is damaged and an obstruction to navigation. The 60 ft single steel pile is at a 60-degree angle to the East. The top 5ft X 5ft cage is missing and the pile is visible at a negative low tide. At high tide the pile is not visible. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Francisco Waterways Management Division at SFWaterways@uscg.mil.

Chart 18010

LNM: 20/24

**NORTHERN CALIFORNIA-HUMBOLDT-TEMPORARY BUOY OFF STATION**

Humboldt Bay Light 9 Temporary Lighted Buoy, marking the shoal and wreck of Humboldt Bay Light 9, is currently off station in position 40-45-27N 124-13-25W. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Francisco Waterways Management Division at SFWaterways@uscg.mil.

Chart 18620

LNM: 31/24

**NORTHERN CALIFORNIA-HUMBOLDT-WIND ENERGY PROJECT**

The Humboldt Wind Energy Area includes the joint Fisheries Communication Plan developed by RWE and Vineyard Offshore to inform and guide communications between leaseholders in the Humboldt Wind Energy Area located 17-29 nautical miles off the coast of Humboldt, the fishing industry, and other marine users. The current version of this Plan, along with all subsequent revisions, will be available on the Companies' websites. RWE: <https://americas.rwe.com/-/media/RWE/RWE-USA/documents/rwe-vineyard-offshore-joint-fcp.pdf>. Vineyard Offshore: <https://www.vineyardoffshore.com/california>. Please provide any feedback on this plan via email to Rick Robins at [rick.robins@rwe.com](mailto:rick.robins@rwe.com) 757-876-3778 or Lucia Odonez at [lordonez@vineyardoffshore.com](mailto:lordonez@vineyardoffshore.com) 707-572-9011.

Chart 18620

LNM: 06/24

**NORTHERN CALIFORNIA-LITTLE ALCATRAZ-SUNKEN VESSEL**

The Coast Guard has received a report of a sunken vessel in vicinity of Little Alcatraz off of Alcatraz Island in position 37-49-41N 122-25-37W with intentions of salvage when possible. Mariners are requested to transit the area with caution. For more details or comments, contact Coast Guard Sector San Francisco at 415-399-3647.

Chart 18650

LNM: 30/24

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

University of California Santa Barbara has deployed research Wave Buoy Station CDIP 266 in position 36-50-41N 121-49-28W with characteristics of a flashing yellow light every 5 seconds. Mariners are requested to transit the area with caution. For more details or comments contact University of California Santa Barbara at 858-534-3032 or [admin@cdip.ucsb.edu](mailto:admin@cdip.ucsb.edu).

Chart 18685

LNM: 17/23

**NORTHERN CALIFORNIA-MONTEREY- WAVEGLIDER DATA COLLECTION**

The Monterey Bay Aquarium Research Institute (MBARI) will be conducting 24/7 autonomous, unmanned maritime vehicle operations of two Liquid Robotics, Inc. Wavegliders from 25 January, 2024 until 31 December, 2024 between latitudes 36-18-00N and 37-12-00N and will extend shoreward from as far west as 122-58-35W longitude. Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from MBARI, moving at speeds of ~1kt, and designed to give way or part if encountered by a vessel. It is approximately 8' x 2' (surfboard size), yellow/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



**NORTHERN CALIFORNIA-MONTEREY- WAVEGLIDER DATA COLLECTION**

contact MBARI at 831-775-1700, waveglider@listserver.mbari.org , or Liquid Robotics 24/7 WGOC Operations at 888-574-4574 or 408-636-4205.

Chart 18685

LNM: 05/24

**NORTHERN CALIFORNIA-MONTEREY-DIVING OPERATIONS**

Surf to Snow Environmental Resource Management (S2S) and Power Engineering Construction (PEC) will be conducting SCUBA and surface supplied diving operations from 20 June, 2024 through 30 November, 2024 in the vicinity of the Monterey Bay Aquarium, Monterey 36-37-10N 120-54-04. The M/V WEBSTER will be on scene monitoring VHF-FM Chan. 68. Mariners are requested to transit the area with caution. For more details or comments, contact Kameron Strickland at 925-557-6459.

Chart 18010

LNM: 26/24

**NORTHERN CALIFORNIA-NAPA- DIRECTIONAL DRILLING OPERATION**

PG&E will be conducting horizontal directional drilling operations below the Napa River to install a pipeline crossing in Napa at 38-14-30N 122-17-10W from 22 April, 2024 until 31 October, 2024. Construction equipment will be staged on land above the adjacent shorelines. Mariners are requested to transit the area with caution. For more details or comments contact Garrett Pon at 925-658-0672.

Chart 18654

LNM: 11/24

**NORTHERN CALIFORNIA-NORTH OF DAVID POINT-MARINE CONSTRUCTION**

Power Engineering Construction Co. will be conducting marine operations aboard the TBC1 barge in the East bound shipping channel Northwest of David Point over the Trans Bay Cable at 38-03-26N 122-16-25W from 7 August, 2024 until 23 August, 2024 from 6:00am to 6:00pm with the barge remaining on location crewed 24 hours a day until construction activities complete. During construction TBC1 will be utilizing divers for a subsea installation. Tug WESTAR will be assisting at all hours and monitoring VHF-FM Chan. 71 and 73. Mariners are requested to transit the area with caution and provide a 2-hour notice if transiting with a deep water draft vessel to allow TBC1 to clear the shipping channel and slack anchor lines to bottom. For more details or comments contact Wayne Stonecipher at 510-502-1510.

Chart 18655

LNM: 30/24

**NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-BRIDGE**

FRUITVALE AVE RAIL BRIDGE-The lift span of the rail bridge is kept in the partially opened position providing 80 feet of vertical clearance at mean high water. The lift span can be raised to its fully open position upon request to the drawtender at the Miller Sweeny (Fruitvale Ave) bridge. The following is the new navigation lighting configuration at the rail bridge.

1. When the bascule span of the highway bridge is in the closed-to-navigation position and the lift span of the railroad bridge is in the partially open position, providing 80 feet of vertical clearance at mean high water, the lift span center channel navigation lights will show a red 180-degree center span light on the upstream and downstream lower edge of the span.
2. When the bascule span of the highway bridge is in the fully opened position and the lift span of the railroad bridge is in the partially opened position, providing 80 feet of vertical clearance at mean high water, the lift span center channel navigation lights will show one solid 360-degree green light and one flashing 360-green light on the upstream and downstream lower edge of the span, providing a range for the centerline of the channel between both highway and railroad bridges.
3. When the bascule span of the highway bridge is in the fully opened position and the lift span of the railroad bridge is in the fully opened position, providing 135 feet of vertical clearance at mean high water, the lift span center channel navigation lights will show two solid 360-degree green lights on the upstream and downstream lower edge of the span, providing a range for the centerline of the channel between both highway and railroad bridges.

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

Chart 18649

LNM: 25/24

**NORTHERN CALIFORNIA-OAKLAND-MARINER OPERATIONS**

The Dutra Group will be conducting marine operations for the emergency pier rehabilitation occurring at the Oakland Airport ALSF Pier from 19 April, 2024 until 7 December, 2024. A flexi Barge along with a tugboat and small skiff will be anchored near the pier along with being tied to it. The Barges will be spudded in with flashers on all corners along with all other marine equipment, the upstream and downstream corners of each barge will be lighted at night with steady burning red lights and will be monitoring VHF-FM Chan. 9, 16 & 68A. Mariners are requested to transit the area with caution. For more details or comments contact Lucas Walker at 707-378-3822.

Chart 18650

LNM: 16/24

**NORTHERN CALIFORNIA-OFFSHORE CAPE MENDOCINO-SURVEY OPERATIONS**

SAILDRONE, INC. is conducting operations with an Uncrewed Surface Vehicle (USV), called "SAILDRONE SURVEYOR." The SAILDRONE Surveyor is 22 meters in length, 14 meters tall, painted orange with a tri-color light on top and marked SAILDRONE SURVEYOR. This vehicle will mainly be operating in the waters 25-100 nautical miles offshore of San Francisco & Monterey Bays within the following areas:

Area 1

37-28-30N 123-10-16W

37-28-30N 122-47-49W

37-03-10N 122-47-49W

37-03-10N 123-10-16W

Area 2

37-28-40N 124-56-44W

37-28-40N 122-46-00W

35-49-12N 122-46-00W

37-49-12N 124-56-44W

Mariners are requested to transit the area with caution. For more details or comments, contact Saildrone Mission Control at missioncontrol@saildrone.com or via phone at 510-722-6070.

Charts: 18640 18680

LNM: 24/24

**NORTHERN CALIFORNIA-OFFSHORE HUMBOLDT-SURVEY**

Argeo Inc. will be conducting ocean floor surveys from 15 June, 2024 until 15 August, 2024 offshore Humboldt at positions:

Area 1:

41-08-52N 124-41-54W

41-09-01N 124-31-59W

41-50-18N 124-31-33W

41-50-10N 124-41-25W

Area 2:

41-02-12N 122-33-04W

40-51-51N 124-14-17W

Area 3:

40-54-46N 124-33-58W

40-45-28N 124-18-43W

Marine remote sensing with acoustic sources to map the seafloor with an autonomous underwater vehicle (AUV). M/V OCEAN GUARDINIAN will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Derek Fair at 779-503-4691 or derek.fair@argeo.no.

Chart 18010

LNM: 26/24

**NORTHERN CALIFORNIA-OFFSHORE PT MONTARA-SUVERY OPERATIONS**

SAILDRONE, INC. in collaboration with NOAA's National Data Buoy Center (NDBC), is conducting surveys at 37-21-21N 122-52-51W with an Uncrewed Surface Vehicle (USV), called a "SAILDRONE EXPLORER". This vehicle will remain on station from 31 August, 2023 until 31 August, 2024. Saildrone vehicles are 23 feet in length, orange in color, have a white all around light on top of the wing and are marked "SAILDRONE". The vehicle will have limited maneuverability during survey operations. Mariners are requested to remain greater than 500 meters away from the research equipment and to transit the area with caution. For more details or comments contact Saildrone at 510-722-6070 or missioncontrol@saildrone.com.

Charts: 18680 18700

LNM: 36/23

**NORTHERN CALIFORNIA-OFFSHORE-COMMERCIAL SALMON FISHERIES**

NMFS has taken inseason actions in the commercial salmon fisheries and recreational salmon fisheries north of Cape Falcon. Please broadcast the NTM below three times daily beginning Thursday, 11 July, 2024, and continuing through Thursday, 18 July, 2024. Effective 12:01 am 11 July, 2024, the chinook quota for the July-September north of Falcon commercial salmon troll fishery will be modified to 13,800 chinook. Effective 12:01 am Saturday, 13 July, 2024 through 15 September, 2024 for the recreational fishery in the area between the U.S./Canada border and the Queets River (Neah Bay and La Push subareas), the daily bag limit in both subareas is two salmon per day for all salmon, except no chum beginning 1 August, 2024. All Coho Salmon must be marked with a healed Adipose Fin Clip. Chinook Salmon minimum size is 24 inches, and Coho Salmon minimum size is 16 inches.

Charts: 18600 18620 18640

LNM: 29/24

**NORTHERN CALIFORNIA-OLD RIVER-HAZARD TO NAVIGATION**

The Coast Guard has received a report of downed powerlines in Old River from Mandeville Island to Webb Tract. The downed powerlines have been cut by PG&E and remain laying on the bottom of Old River. Mariners are recommended to avoid anchoring in the area and transit the area with caution. For details or comments contact Coast Guard Sector San Francisco Waterways at 510-612-9729.

Chart 18661

LNM: 01/23

**NORTHERN CALIFORNIA-OYSTER COVE MARINA-BUOY DEPLOYMENT**

Kilroy Realty has deployed two buoys at the entrance to Oyster Cove Marina at

37-40-03.09N 122-23-13.04W

37-40-03.05N 122-23-12.61W

Both buoys are white 36" cylinders with orange retroreflective bands and an orange diamond marked "Danger Barrier Marina Closed". Both buoys are lit at night with a yellow flashing light flashing once every 4 seconds, Fl Y4s. Between the break wall and the pier there is a white line with small floats connected to both buoys. Mariners are advised to use caution in the area to avoid entanglement. For comments or details, contact Travis Lund at 510-419-2392.

Chart 18650

LNM: 48/23

**NORTHERN CALIFORNIA-PACIFICA-BUOY DEPLOYMENT**

Environmental Science Associates has deployed a private aid approximately 0.85 miles offshore of the Pacifica Municipal Pier at 37-37-5N 122-30-37W for the collection of wave and water level information from 7 September, 2023 to 8 August, 2024. A 23' North River dory boat will be monitoring VHF-FM Chan. 16. For more information or comments contact, Damien Kunz at 805-252-9895.

Chart 18680

LNM: 37/23

**NORTHERN CALIFORNIA-PETALUMA-MARINE CONSTRUCTION**

The Dutra Group will be conducting marine construction on the Petaluma River turning basin from 15 June, 2024 until 30 November, 2024 at positions:

38-14-05N 122-38-17W

38-1-06N 122-38-13W

38-14-09N 122-38-15W

38-14-08N 122-38-18W

The main construction activities include the demolition of a deteriorated timber pier access site structure, metal gangways, floating docks and removal of existing wood and steel piles. The new construction will include the installation of the replacement 3800 SQFT. Concrete floating docks, ADA-compliant steel gangways with an associated gangway landing platform, and (14) 16-inch diameter steel support piles within the Petaluma turning basin located within the Petaluma River of the City of Petaluma. C/B KELSO equipped with a 230-ton crawler crane, material supply barge, work boat, and work skiffs will be monitoring VHF-FM Chan. 9, 16, 76 & 80. At the end of the shift, C/B KELSO will be spudded in with miscellaneous marine equipment side tied with flashers on all corners. Mariners are requested to transit the area with caution. For more details or comments, contact Jason Tse at 415-300-5336.

**NORTHERN CALIFORNIA-PETALUMA-MARINE CONSTRUCTION**

Chart 18654

LNM: 23/24

**NORTHERN CALIFORNIA-PIGEON POINT-TEMPORARY DISESTABLISHMENT**

The U.S. Coast Guard has temporarily disestablished the light on Pigeon Point Light (LLNR 320) for approximately 18 months due to planned maintenance. The aid is in position 37-10-54.281N, 122-23-38.253W. Direct any questions or comments regarding this project to Roger Wykle at [rwykle@sustainable-group.com](mailto:rwykle@sustainable-group.com) or (925) 899-9721.

Chart 18022

LNM: 08/24

**NORTHERN CALIFORNIA-RIO VISTA-MARINE OPERATIONS**

The Dutra Group will be conducting marine operations from 18 June, 2024 until 31 December, 2024 along Hastings Island along Cache Slough down to the Hastings Island Bridge. TM 20 Barge equipped with either the Bucyrus Erie 88B crane or 390 Long Reach Excavator along with a tender workboat, material supply barges, and miscellaneous work skiffs will be utilized on the project. At the end of each shift, crane barges will be spudded in with miscellaneous marine equipment side-tied with flashers on all corners and will be monitoring VHF-FM Chan. 9, 16, 68A or 80. Mariners are requested to transit the area with caution. For more details or comments, contact Jason Tse at 415-300-5336.

Chart 18661

LNM: 23/24

**NORTHERN CALIFORNIA-SACRAMENTO RIVER-MARINE OPERATIONS**

The Dutra Group with U.S. Army Corps of Engineers Project #456852 will be conducting marine operations for the levee construction from 8 July, 2024 until 30 November, 2024 occurring along the Sacramento River between the Tower Bridge and Freeport Bridge. The work consists of furnishing all labor, materials, equipment, and all incidental related work to complete the levee rehabilitation. C/B TM20, C/B #12, along with a work boat, tugboat and rotation of flat deck barges will be monitoring VHF-FM Chan. 9, 16 & 68A. The crane barge, as well as the workboats will mobilize from Dutra's Rio Vista Yard to Sacramento. The flat deck barges will be in-transit between the job site and the San Rafael Rock Quarry and will be moored at pre-existing moorings along the Sacramento River during mobilization. This rotation will persist for most of the duration of the project. Work will occur during daylight hours but maneuvering of barges outside of the construction area may continue at all hours. At the end of each shift, the barges will be spudded in with flashers on all corners along with all other marine equipment. Mariners are requested to transit the area with caution. For more details or comments, contact Scott Brooks at 707-333-5029.

Chart 18661

LNM: 28/24

**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'.

LNM: 22/16

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

WEST SPAN SAN FRANCISCO/OAKLAND BAY BRIDGE-During periods of rain, the operation of the navigation lights and fog signals on the bridge are unreliable and may be extinguished. Investigations to determine the cause of the unreliability of the lights and signals, and plans to repair, are in the works. Mariners should exercise caution when transiting the bridge until the navigation lights and fog signals are once again reliable. Report outages of the navigation lights and the fog signals to the U.S. Coast Guard at 510-219-4366.

Chart 18650

LNM: 52/23

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

GOLDEN GATE BRIDGE-Three 54' temporary under deck platforms; one 125' and one 1725' north of the south tower; and one 2125' south of the north tower have been installed at the bridge. Temporary platforms reduce vertical clearance at the bridge by no more than 14'. 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\_Bridge\_24Apr24.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: 17/24

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

WEST SPAN SAN FRANCISCO/OAKLAND BAY BRIDGE-Caltrans will be using the maintenance traveler in span E (W6) – F (YBI), 8:00am to 2:00pm, 6-8 August, 2024. For the safety of navigation, the traveler can be moved with a 2-hour advance notice by calling 916-926-3920, 510-512-3164 or 510-390-4125. When in the span, the traveler reduces vertical clearance by 5 feet. For further information contact the Coast Guard Bridge Office at 510-219-4366.

Chart 18649

LNM: 31/24

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

SAN MATEO-HAYWARD BRIDGE-Work continues on the causeway portion of the bridge, east of pier 38, 0700 to 1530, Monday through Friday, until 30 November, 2024. Various size barges will be used during the project, the largest being a 100' X 20' flexifloat barge. During the workday, 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. 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 510-437-3515.

LNM: 07/24

**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 Miranda Brumbaugh at 510-437-2978 or [Miranda.E.Brumbaugh@uscg.mil](mailto:Miranda.E.Brumbaugh@uscg.mil).

Chart 18649

LNM: 23/15

**NORTHERN CALIFORNIA-SAN FRANCISCO-SURVEY OPERATIONS**

**NORTHERN CALIFORNIA-SAN FRANCISCO-SURVEY OPERATIONS**

SAILDRONE, INC. will be conducting oceanographic survey operations and will operate an Unmanned Surface Vehicles called SAILDRONE EXPLORER and SAILDRONE VOYAGER until 30 September, 2024. The operations will be conducted 0.8 nm South of General Anchorage 9 in San Francisco Bay and bounded by the following coordinates:

Area 1:

37-44-30N 122-18-46W

37-43-47N 122-17-53W

37-43-16N 122-18-26W

37-44-01N 122-19-22W

Area 2:

37-42-13N 122-18-26W

37-42-41N 122-17-19W

37-41-45N 122-16-34W

37-41-11N 122-17-45W

The SAILDRONE EXPLORER is 23 feet long, 16 feet tall, painted orange with a white all-around light on top and marked SAILDRONE. The SAILDRONE VOYAGER is 33 feet long, 21 feet tall and painted orange or gray with a tri-color light on top. Saildrones will broadcast AIS and travel at a speed up to 5 knots. Mariners are requested to transit the area with caution. For more details or comments contact Saildrone Mission Control at missioncontrol@saildrone.com or 510-722-6070.

Chart 18749

LNM: 28/24

**NORTHERN CALIFORNIA-SAN FRANCISCO-SURVEY OPERATIONS**

SAILDRONE, INC. will be conducting offshore oceanographic research and survey testing and will operate Unmanned Surface Vehicles (USV's) called SAILDRONE EXPLORER and SAILDRONE VOYAGER until 30 September, 2024, in the area between the eastbound traffic lane and southbound traffic lane extending out to the Pioneer Canyon Area. The operations will be conducted within the following coordinates:

37-40-09N 122-46-01W

37-39-34N 122-44-19W

37-13-12N 122-44-17W

37-25-36N 123-13-15W

The SAILDRONE EXPLORER is 23 feet long, 16 feet tall, painted orange with a white all-around light on top and marked SAILDRONE. The SAILDRONE VOYAGER is 33 feet long, 21 feet tall and painted orange or gray with a tri-color light on top. Saildrones will broadcast AIS and travel at a speed up to 5 knots. Mariners are requested to transit the area with caution. For more details or comments contact Saildrone Mission Control at missioncontrol@saildrone.com or 510-722-6070.

Chart 18649

LNM: 28/24

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

BAY FARM ISLAND HIGHWAY AND PEDESTRIAN BRIDGES-The pier protection system at the bridges have deteriorated and may not offer adequate protection for the bridges as well as vessels transiting the bridge. Mariners are urged to transit both bridges 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: 31/22

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

Salt River Construction Corporation will be conducting dredging operations at the Aeolian Yacht Club in Alameda, CA from 3 August, 2024 until 12 October, 2024 at 37-44-54N 122-14-02W. During the dredging operations, sections of docks will be moved and anchored in the area. The Aeolian Yacht Club will be monitoring VHF-FM Chan. 14, 16, 68 and 72. Mariners are requested to transit the area with caution. For more details or comments contact Bill Davis at 510-910-2357.

Chart 18650

LNM: 31/24

**NORTHERN CALIFORNIA-SAN LEANDRO BAY-DREDGING OPERATIONS**

The Aeolian Yacht Club along with Salt River Construction will be conducting dredging operations from 3 August, 2024 until 12 October, 2024 near San Leandro Bay approximately 500 feet East of San Leandro Bay Bike Bridge and 100 feet North of the shoreline near 37-44-55N 122-14-03W. An anchoring of movable dock section to the sand bar South of the San Leandro Bay channel. Anchored /unattached dock sections will be anchored and lighted. Aeolian Yacht Club will be monitoring VHF-FM Chan. 14, 16, 68 & 72. Mariners are requested to transit the area with caution. For more details or comments, contact Bill Davis at 510-910-2357.

Chart 18650

LNM: 31/24

**NORTHERN CALIFORNIA-SAN LEANDRO-SUBMERGED VESSEL**

A partially capsized and submerged 40 foot twin masted sailing vessel at the entrance to San Leandro Marina at approximate coordinates 37-41-40N 122-11-37W. San Leandro Public works will be contracting removal of the vessel. To report updates or request additional information please contact Sector San Francisco Waterways Management Division at SFWaterways@uscg.mil.

Chart 18650

LNM: 09/24

**NORTHERN CALIFORNIA-SAN LEANDRO-SUBMERGED VESSEL**

A fully submerged 16FT ski boat near San Leandro Marina in position 37-41-22N 122-11-31W. Mariners are requested to transit the area with caution. For more details or comments, contact Sector San Francisco Waterways Management Division at SFWaterways@uscg.mil.

Chart 18650

LNM: 19/24

**NORTHERN CALIFORNIA-SAN PABLO BAY-BUOY DEPLOYMENT**

US Army Corp of Engineers have deployed 3 meteorological recording stations in the San Pablo Bay area in the following coordinates:

38-04-32N 122-20-41W

38-01-51N 122-18-43W

37-52-39N 122-20-22W

For more details or comments contact Justin Yee at 415-503-6788.

Chart 18654

LNM: 31/23

**NORTHERN CALIFORNIA-STEAMBOAT SLOUGH-SUBMERGED VESSEL**

The Coast Guard received a report of a submerged 16' vessel north of Steamboat Slough at 38-11-21N 121-39-60W and is not visible from the waterline. There are no salvage plans at this time. Mariners are requested to transit the area with caution. For more details or comments contact USCG Sector San Francisco Waterways at 415-399-7443 or SFWaterways@uscg.mil.

Chart 18661

LNM: 09/24

**NORTHERN CALIFORNIA-STOCKTON & TRACY-MARINE CONSTRUCTION**

California Department of Water Resources (DWR) has started the in-channel construction and operation of the temporary barriers at Middle River in position 37-53-14N 121-28-56W, Old River in position 37-48-37N 121-32-34W, and Grant Line Canal in position 37-49-12N 121-26-54W. The barriers will be removed from the channels by November 30, 2024. Mariners are requested to transit the area with caution. For more details or comments contact, Karen Tolentino at 916-820-7683 or Karen.Tolentino@water.ca.gov.

Chart 18663

LNM: 26/24

**NORTHERN CALIFORNIA-STOCKTON-CONSTRUCTION**

Shimmick Construction will be constructing the cellular floodwall between the Smith Canal and the Stockton Deep-Water Shipping Channel of the San Joaquin River in the vicinity of the Port of Stockton. Construction will take place from 1 July, 2024 until 30 November, 2024 and will include dredging, pile driving, and backfilling operations. Nine vessels will be involved during the construction window consisting of 1 derrick barge RINGER #2, 1 Flexfloat crane barge G7718, 1 tugboat 194 Tug, 2 flat deck barges CMC 35, ST. NICHOLAS, and 4 skiff boats for personnel. The PRUDENT MARINER will be monitoring marine traffic through VHF-FM CH-14. Mariners are requested to transit the area with caution. For more details or comments, contact Grant Rose at 559-706-8159.

Chart 18663

LNM: 24/24

**NORTHERN CALIFORNIA-STOCKTON-DREDGING OPERATIONS**

The Dutra Group will be conducting dredging operations from 1 July, 2024 until 31 October, 2024, at the Port of Stockton 24 hours, 7 days a week at position 37-57-06N 121-19-55W with dredging and disposal operations. Material from the Port of Stockton will be disposed of by offloader at Robbers Island at 37-58-26N 121-22-50W. Tow Tug HEIDI BRUSCO, Tender Tug BECK T or PHYLLIS T will be monitoring 13, 14 & 80A. Mariners are requested to transit the area with caution. For more details or comments, contact Dennis Salyers at 415-497-5289.

Charts: 18661 18663

LNM: 23/24

**NORTHERN CALIFORNIA-SUISUN BAY-PITTSBURG-GEOTECHNICAL DRILL TESTING**

Gregg Drilling and Testing will be conducting Overwater Geotechnical Investigations from 15 July, 2024 to 7 August, 2024 from 7:00pm until 7:00pm from the Pittsburg power plant at 38-02-35N 121-53-39W to Collinsville 38-04-16N 121-4958W. The R/V QUIN DELTA will be conducting the drill operations and monitoring channels VHF-FM Chan. 13, 14 & 16. Mariners are requested to transit the area with caution. For more details or comments, contact Captain Tim O'Donnell at 949-254-5190 or BEARatSEA@gmail.com.

Chart 18656

LNM: 30/24

**NORTHERN CALIFORNIA-TIBURON-DREDGING OPERATIONS**

Salt River Construction Corporation will be conducting dredging operations at the Corinthian Yacht Club in Tiburon from 9 July, 2024 until 15 September, 2024 at 37-52-19N 122-27-20W. All dredge operations will take place within the harbor's break wall. The D/B DB1, C/B ALASKA, T/B SPRINGER and P CAY will be monitoring VHF-FM Chan. 13, 14 & 77. Mariners are requested to transit the area with caution. For more details or comments, contact Rick Moseley at 415-435-1024.

Chart 18649

LNM: 25/24

**NORTHERN CALIFORNIA-TOMALES POINT-SUBMERGED VESSEL**

The U.S. Coast Guard Sector San Francisco received a report of a submerged 14' pleasure craft near Lawson's Landing in approximate position 38-13-21N 122-50-34W. Mariners are requested to transit the area with caution. For more details or comments, contact Sector San Francisco Waterways at SFWATERWAYS@uscg.mil.

Chart 18640

LNM: 21/24

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

The USGS Pacific Coastal and Marine Science Center (PCMSC) will be conducting a 1-day geophysical survey in South San Francisco Bay from 13-15 August, 2024 near Eden's Landing Ecological Reserve under California State Lands Permit #8394. Operations will include high resolution SWATH bathymetry utilizing a pole-mounted SEASWATH echo sounder aboard the USGS Research Vessel, Parke Snively - a 36' aluminum catamaran. The pole-mounted instrument is positioned just below the vessel's hull and will be surveying in the shallows in approximately 1.5 m - 3 m water depth. Mariners are requested to transit the area with caution. For more details or comments, contact Tim Elfers at 831-460-7479.

Chart 18650

LNM: 30/24

**NORTHERN CALIFORNIA-PILLAR POINT-BUOY DEPLOYMENT**

Sofar Ocean has deployed a research buoy approximately 1.4nm West of Pillar Point CA, in position 37-30-00.90N 122-31-57.68W. The buoy is a 15" diameter yellow sphere with a yellow light flashing every 2.5 seconds, Fl Y2.5s. For further comments or details contact Ciara Dorsay at 941-961-8543.

Chart 18680

LNM: 50/23

**NORTHERN CALIFORNIA-TRINIDAD-BUOY DEPLOYMENT**

AXYS Technologies Inc. has deployed a research buoy approximately 24NM West of Trinidad CA, in position 41-05-47.4N 124-41-17.2W. The buoy is a 12' tall yellow buoy with an amber light flashing every 4 seconds, Fl Y4s. Mariners are requested to transit the area with caution. For further comments or details contact Max Bottoni at 250-217-4087.

Chart 18600

LNM: 19/24

**SOUTHERN CALIFORNIA – SAN MATEO POINT-SAN MATEO POINT LIGHT DISESTABLISHMENT**

The U.S. Coast Guard has disestablished the San Mateo Point Light (LLNR 80). Direct any questions, comments, or concerns to SMB-D11ALAMEDA-SignalManagement@uscg.mil.

Charts: 501 18020 18022 18740 18774

LNM: 25/24

**SOUTHERN CALIFORNIA- OFFSHORE CATALINA ISLAND- AUTONOMOUS UNDERWATER VEHICLE OPERATIONS**

Boeing will be conducting autonomous underwater vehicle operations from 22 January through 30 September 2024.

**OPAREA 1:**

33-42-25N 118-19-55W

33-39-47N 118-21-36W

33-41-13N 118-24-40W

33-43-48N 118-22-48W

**OPAREA3:**

33-26-34N 118-26-55W

33-25-33N 118-23-59W

33-25-36N 118-21-19W

33-29-15N 118-18-36W

33-31-35N 118-23-31W

33-28-11N 118-26-55W

M/V AMERICAN ISLANDER will be monitoring VHF-FM Chan. 13, 14 & 16. Mariners are requested to transit the area with caution. For more details or comments, contact Sector Los Angeles/ Long Beach at 310-521-3860.

Chart 18740

LNLM: 03/24

**SOUTHERN CALIFORNIA- SAN LUIS HARBOR-DREDGING OPERATIONS**

The U.S. Army Corps of Engineers will be conducting dredging operations from 23 February, 2024 until 31 August, 2024 at Port San Luis Harbor. A land-based crane with 50HP Toyo Submersible pump will conduct every week day during daylight hours. If the crane is next to the water, it should be assumed that dredging operations are underway. Mariners are requested to transit the area with caution. For more details or comments contact Natalie Teeter at 805-595-5431 or nataliet@portsanluis.com.

Chart 18703

LNLM: 07/24

**SOUTHERN CALIFORNIA-ANAHEIM BAY-BRIDGE**

ADMIRALTY DRIVE BRIDGE- The City of Huntington Beach will be conducting in-water work during bridge rehabilitation starting 1 July, 2024. The use of scaffolding, and floating work platforms moored at piers, will reduce the vertical clearance by 4ft and limit the horizontal clearance to 37ft. Mariners are requested to transit the area with caution. For more information, contact the Coast Guard Bridge at 510-437-3461 or by email at D11Bridges@uscg.mil.

Chart 18749

LNLM: 31/24

**SOUTHERN CALIFORNIA-CAMP PENDELTON-BUOY DEPLOYMENT**

Scripps Waverider CDIP Lighted Research Buoy 264 has been deployed 1.4 NM southwest of Red Beach, Camp Pendleton CA in position 33-17-23.8N 117-30-00.5W. The buoy is operated by Scripps Institute of Oceanography and is 3-foot diameter sphere with an attached telemetry whip antenna and a nighttime yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. For further comments or details contact James Behrens at 858-534-3032.

Chart 18774

LNLM: 43/23

**SOUTHERN CALIFORNIA-CERRITOS CHANNEL-BRIDGE**

HENRY FORD RAILROAD BRIDGE-The lift span of the bridge will be secured in the closed-to-navigation position from 6:00am to 6:00pm on the following dates: 3-6, 9-13, 16-20, 23-27 September, 2024 and from 30 September, 2024 until 2 October 2024 for maintenance. For further information contact the Coast Guard Bridge Office at 571-607-5820 or by email at D11Bridges@uscg.mil.

Chart 18749

LNLM: 29/24

**SOUTHERN CALIFORNIA-DANA POINT-AUV OPERATIONS**

Anduril Industries will be conducting Autonomous Underwater Vehicle (AUV) operations from 26 August, 2024 until 31 December, 2024 in the vicinity of Dana Point. The M/V Pacific Alliance will be conducting in operations bounded by the following coordinates:

33-25-59N 117-39-57W

33-17-33N 117-50-23W

33-12-16N 117-41-44W

33-22-36N 117-39-57W

33-24-21N 117-38-01W

M/V PACIFIC ALLIANCE will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Cam Green at 1-949-512-1312.

Chart 18740

LNLM: 31/24

**SOUTHERN CALIFORNIA-EL SEGUNDO-BUOY REPLACEMENT**

Chevron has replaced a weather buoy in position 33-54-30N 118-27-09W with a similar yellow buoy with characteristics of a flashing yellow light every 3 seconds. Mariners are requested to transit the area with caution. For more details or comments contact Chevron at 310-615-5735 or cscsmstmm@chevron.com.

Chart 18744

LNLM: 17/23

**SOUTHERN CALIFORNIA-GROVER BEACH/MORRO BAY-SUBSEA OPTIC CABLE PROJECT**

Offshore Support Vessel NAUTILUS will be conducting cable laying operations offshore Grover Beach and Morro Bay from 25 July, 2024 until 8 August, 2024. The ship will be towing cable installation gear as the cable is installed on and under the sea floor which will restrict vessel maneuverability and pose potential collision and entanglement hazard to mariners. The ship will clear the seabed from debris towing grapnels array and will conduct a post-lay inspection and burial using a remote operated vehicle (ROV). Fishermen are requested to remove all fishing gear or traps within 1 nautical mile of the alignment. Mariners are requested to transit the area with caution. For more details or comments, contact Captain Marc Pons Roca at master.nautilus@acsmships.com.

Charts: 18700 18703

LNLM: 30/24

**SOUTHERN CALIFORNIA-LEUCADIA STATE BEACH-BUOY DEPLOYMENT**

Scripps Waverider CDIP Lighted Research Buoy 262 has been deployed 0.7 NM west of Leucadia State Beach, Encinitas CA in position 33-03-43.5N 117-18-50.7W. The buoy is operated by Scripps Institute of Oceanography and is 3-foot diameter sphere with an attached telemetry whip antenna and a nighttime yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. For further comments or details contact James Behrens at 858-534-3032.

Chart 18774

LNM: 43/23

**SOUTHERN CALIFORNIA-LONG BEACH HARBOR-DREDGING AND MARINE OPERATIONS**

Pacific Dredge & Construction and PG&E will be conducting dredging and marine operations at the Port of Long Beach Harbor from 5-16 August, 2024 at 33-44-52N 118-12-57W. Barge PDC180 is equipped with a Manitowoc Crane 4600, Fire Station 15 boat dock, and Ocean Tugboat CONTENDER will be monitoring VHF-FM Chan. 6 & 16. Mariners are requested to transit the area with caution. For more details or comments, contact Matt MacArthur at 951-541-6941.

Chart 18022

LNM: 32/24

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

Environmental Construction, Inc. will be conducting marine construction from 13 May, 2024 until 30 September, 2024 at the Alamitos Bay Pump Station in Long Beach at 33-45-10N 118-07-44W. Mariners are requested to transit the area with caution. For more details or comments contact Jacob Hanson at 916-740-9346.

Chart 18746

LNM: 17/24

**SOUTHERN CALIFORNIA-LONG BEACH-SURVEY OPERATIONS**

David Evans and Associates Inc. will be conducting a hydrographic and geophysical survey from 11 July, 2024 until 11 August, 2024 near the Port of Long Beach between Terminal Island and Sunset Beach.

Area 1:

33-41-28N 118-14-11W

33-41-41N 118-13-33W

33-42-29N 118-14-09W

33-42-17N 118-14-36W

Area 2:

33-42-36N 118-09-19W

33-39-37N 118-04-34W

33-40-40N 118-03-33W

33-42-42N 118-06-45W

33-43-08N 118-09-04W

Area 3:

33-43-28N 118-08-12W

33-44-15N 118-07-19W

33-44-43N 118-07-01W

33-45-29N 118-08-49W

33-45-54N 118-10-39W

33-45-42N 118-10-53W

33-45-23N 118-10-36W

33-45-05N 118-09-37W

33-44-26N 118-08-27W

Area 4:

33-43-26N 118-10-51W

33-43-15N 118-10-51W

33-43-14N 118-08-11W

33-43-26N 118-08-10W

Area 5:

33-44-22N 118-11-11W

33-44-26N 118-10-55W

33-45-05N 118-11-11W

33-45-00N 118-11-25W

S/V BRENNAN will be towing sensitive instrumentation with up to 250 feet of cable which will severely restrict maneuverability. She will be displaying day shapes and/or lights that identify her as restricted in ability to maneuver. Approaching vessels should give a wide berth to reduce impacts to survey data quality, potential entanglement in the towed instrumentation, or impede towing and survey operations. S/V BRENNAN will be monitoring VHF-FM Chan. 13 & 16. Mariners are requested to transit the area with caution. For more details or comments, contact Nick Lesnikowski at 206-419-4595.

Chart 18749

LNM: 26/24

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

The Reyes/Larison Joint Venture (RLJV) will be conducting marine construction from 28 December, 2023 until 3 January, 2025 at The Port of Los Angeles Berths 168, 176-182 at 33-45-38N 118-15-40W. T/B PATCONA II/LARCONA, T/B DURANGO, DB VENTURA, DB LONG BEACH, DB LOS ANGELES, work skiffs and work barges will be monitoring VHF-FM Chan. 13 & 65. Mariners are requested to transit the area with caution. For more details or comments, contact Alex Lopez 909-270-6343.

Charts: 18746 18749

LNM: 14/24

**SOUTHERN CALIFORNIA-LOS ANGELES-MARINE OPERATIONS**

Kinnetic Environmental, Inc and Diaz/Yourman, Inc. will be conducting marine operations in the vicinity of the Federal Channel outside of Queens Gate and within the Los Angeles River Estuary Channel from 12-24 August, 2024. A 40' barge and 31' pontoon vessel will anchor for periods up to one hour to collect sediment core samples and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments, contact Ken Kronschnabl at 831-457-3950.

Chart 18740

LNM: 32/24

**SOUTHERN CALIFORNIA-LOS ANGELES/LONG BEACH HARBOR-BRIDGE**

VINCENT THOMAS BRIDGE-A 180 ft temporary maintenance platform continues to move west from the east tower. The platform reduces vertical clearance of the bridge by 5.5 ft. It is anticipated the temporary platform will arrive at the east edge of the shipping channel in summer of 2024. The upstream and downstream corners and every 50' along the upstream and downstream side of the platform is 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.

Chart 18749

LNLM: 30/22

**SOUTHERN CALIFORNIA-MORRO BAY-WIND ENERGY PROJECT**

The Morro Bay Wind Energy Area includes the Even Keel Wind Project as one of the three leaseholders. EKW is providing their Final Fisheries Communication Plan that can be accessed at Even Keel Wind Project website <https://evenkeelwind.invenenergy.com/documents> this Plan is a living document that will continue to be updated as needed. Please provide any feedback on this plan via email to Laura.Casali@stantec.com.

Chart 18700

LNLM: 44/23

**SOUTHERN CALIFORNIA-MORRO BAY-WIND ENERGY PROJECT**

Equinor Wind US LLC, leaseholder for the Bureau of Ocean Energy Management Lease Area OCS-P 0563, has developed a Fisheries Communication Plan (FCP) which is available for public comment. The FCP overviews the plan for engagement with the region's fishing community during development of the Equinor California Offshore Wind Project. The FCP is available at [www.equinorcalifornia.com](http://www.equinorcalifornia.com). Comments on the plan, and any questions about the project, can be sent to Elizabeth Marchetti at [emarc@equinor.com](mailto:emarc@equinor.com) or 401-954-2902.

Chart 18700

LNLM: 46/23

**SOUTHERN CALIFORNIA-NEWPORT BEACH-MARINE CONSTRUCTION**

CPS Coastal Permits, Inc. will be conducting marine construction from 15 July, 2024 until 16 August, 2024 at Newport Beach position 33-36-33N 117-54-35W. A barge 45' x 80' with 110-ton link belt 218 HSL full counterweight package, 95' of angle lattice boom and two work boats will be removing four 14" square concrete guide piles and nine 14" square concrete anchor piles and installing a new 821 square foot U-shape floating dock, gangway and pier platform with installation of three 14" round steel pipe piles and one 14" square concrete T-pile. Vessels will be monitoring VHF-FM Chan. 16. For more details or comments contact Tom Spragg at 714-795-4251.

Chart 18740

LNLM: 27/24

**SOUTHERN CALIFORNIA-NEWPORT HARBOR-DIVE OPERATIONS**

The City of Newport Beach Harbor Department will be conducting dive operations on 21 September, 2024 from 8:30am until 11:30am and will temporarily close the channel bounded by the H and J mooring fields and Marina Park between 19th Street and 15th Street to support a dive operation at 33-36-33N 117-55-24W. Divers will enter the water from the beach at Marina Park, transit the channel, and remove debris from within the H and J mooring fields. This operation is taking place in conjunction with California Coastal Cleanup Day. The closure will be marked by Harbor Department patrol vessels at both channel ends. The Harbor Department will be monitoring VHF-FM Chan. 17. Mariners are requested to transit the area with caution. For more details or comments, contact Paul Blank at 949-270-8159.

Chart 18746

LNLM: 32/24

**SOUTHERN CALIFORNIA-OCEANSIDE-MARINE EVENT**

The Pao Pao 9-Man Outrigger Canoe Race will be taking place on 24 August, 2024 from 4:00am until 5:00pm at 33-09-13N 117-29-07W. The event will involve approximately 95 participants racing on a 23 mile course in and offshore of Oceanside Harbor. Mariners are requested to transit the area with caution. For more details or comments, contact Noelani Austin at 760-453-3651.

Chart 18740

LNLM: 24/24

**SOUTHERN CALIFORNIA-OCEANSIDE-SECURED PIER LIGHT**

Oceanside Pier Light has been secured after pier fire in Oceanside at 33-11-30N 117-23-20W. Mariners are requested to transit the area with caution. For more details contact Sector San Diego at 619-278-7033.

Chart 18740

LNLM: 28/24

**SOUTHERN CALIFORNIA-OFFSHORE MORRO BAY-FISHERIES COMMUNICATION PLAN AVAILABLE**

Golden State Wind LLC, leaseholder for the Bureau of Ocean Energy Management Lease Area OCS-P 0564, has developed a Fisheries Communication Plan (FCP) which is available for public comment. The FCP overviews the plan for engagement with the region's fishing community during development of the Golden State Wind Project. The FCP is available at [https://www.goldenstatewind.com/wp-content/uploads/2023/09/GSW\\_Fisheries-Comms-Plan\\_2023.08.23\\_clean\\_508-compressed.pdf](https://www.goldenstatewind.com/wp-content/uploads/2023/09/GSW_Fisheries-Comms-Plan_2023.08.23_clean_508-compressed.pdf) Comments on the plan, and any questions about the project, can be sent to Rachel Mahler at [rachel.mahler@oceanwinds.com](mailto:rachel.mahler@oceanwinds.com) or 805-680-8138.

Chart 18703

LNLM: 45/23

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-DIVING OPERATIONS**

HOS Dominator will be conducting diving operations from 19-23 August, 2024 near Imperial Beach and Mission Beach at positions:

32-34-24N 117-11-12W

32-46-48N 117-17-07W

32-46-02N 117-16-37W

The HOS DOMINATOR will be monitoring VHF-FM Chan. 16. Mariners are requested to remain clear 1 Nautical Mile of positions and to transit the area with caution. For more details of comments, contact ETVC Hickman at 757-395-0325.

Chart 18740

LNLM: 32/24

**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-OCEANOGRAPHIC OPERATIONS**

The Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL (Call Sign WSQ-2674) will be conducting surface to floor oceanographic operations 13 August, 2024 in vicinity and between positions:

32-38-33N 117-29-27W

32-38-31N 117-24-28W

The exact timing and location of each station will depend on operational concerns and weather conditions. During over-the-side operations, vessel



**SOUTHERN CALIFORNIA-OFFSHORE SAN DIEGO-OCEANOGRAPHIC OPERATIONS**

will be restricted in ability to maneuver; all traffic requested to give ROBERT GORDON SPROUL a wide berth. R/V ROBERT GORDON SPROUL will monitor VHF-FM channels 16 & 13. Mariners are requested to transit the area with caution. For more details or comments, contact Heather Galiher at 858-226-8761

Chart 18740

LNLM: 32/24

**SOUTHERN CALIFORNIA-OFFSHORE SOUTHERN CALIFORNIA-DREDGING OPERATIONS**

Manson Construction Co. will be conducting dredging operations from 22 July, 2024 until 21 August, 2024 24 hours a day, 7 days a week on the South of the West Jetty in Anaheim Bay at 33-43-49N 118-05-59W. D/B NJORD, T/B JEFFERY M, S/B WAHOO will be monitoring VHF-FM Chan. 13 & 16. Mariners are requested to transit the area with caution. For more details or comments contact Alex Kolessar at 904-568-0213.

Chart 18020

LNLM: 29/24

**SOUTHERN CALIFORNIA-OFFSHORE SOUTHERN CALIFORNIA-OCEANOGRAPHIC OPERATIONS**

The Scripps Institution of Oceanography research vessel SALLY RIDE (Call Sign WSAF) will conduct 24 hour surface to floor oceanographic operations 27 July, 2024 until 11 August, 2024 in the vicinity of:

28 July 5:00am-8:00am

32-30-46N 118-12-49W

31 July, 2024 4:00pm – 1 August, 2024 7:00am

31-45-04N 121-18-56W

32-05-04N 120-38-19W

32-25-04N 119-57-33W

1 August, 2024 9:00am-11:30am

32-39-04N 119-28-56W

1 August, 2024 3:00pm-6:00pm

32-55-04N 118-56-07W

1 August, 2024 8:00pm-11:00pm

33-11-04N 118-23-13W

3 August, 2024 5:00am- 4 August, 2024 2:00am

33-29-22N 119-19-08W

33-19-22N 119-39-47W

33-09-22N 120-00-24W

32-59-22N 120-20-58W

32-39-22N 121-02-00W

32-19-22N 121-42-52W

6 August, 2024 6:00am- 11:59pm

32-54-42N 122-07-42W

33-14-42N 121-26-34W

33-34-42N 120-45-15W

33-44-42N 120-24-33W

33-52-42N 120-07-57W

070000AUG24-071000AUG24

7 August, 2024 12:00am- 10:00am

34-19-00N 120-48-08W

34-08-59N 121-09-00W

7 August, 2024 10:00am-11:59pm

33-49-00N 121-50-34W

33-28-59N 122-32-00W

9 August, 2024 8:00am-1:00pm

34-23-17N 122-14-45W

9 August, 2024 1:00pm-11:59pm

34-43-17N 121-32-53W

34-53-17N 121-11-53W

The exact timing and location of each station will depend on operational concerns and weather conditions.

During over-the-side operations, vessel will be restricted in ability to maneuver; all traffic requested to give R/V SALLY RIDE a wide berth. R/V SALLY RIDE will monitor VHF-FM channels 13 & 16. Mariners are requested to transit the area with caution. For more details or comments contact vessel master at sr-master@ucsd.edu or Heather Galiher at 858-226-8761.

Charts: 18020 18720 18740

LNLM: 29/24

**SOUTHERN CALIFORNIA-OFFSHORE SOUTHERN CALIFORNIA-SURVEY OPERATIONS**

Global Marine Group will be conducting survey operations on the Jupiter submarine fibre optic telecommunications cable from 24 August, 2024 until 13 September, 2024 at 33-52-16N 118-25-03W and 33-02-43N 120-25-29W. The repair vessel CABLE INNOVATOR is due to arrive on site 24 August, 2024 to commence the survey. M/V CABLE INNOVATOR will be limited in their maneuverability during operations and will be monitoring VHF-FM Chan. 16. Mariners are requested to maintain a distance of at least 1NM from the cable ship during operations, and 1/4NM from any cable buoys in place during the course of the survey for safety and transit the area with caution. For more details or comments, contact Daniella Reeve at + 44 1245 904 185 or daniella.Reeve@globalmarine.group.

Chart 18740

LNLM: 31/24

**SOUTHERN CALIFORNIA-OFFSHORE-HAZARDOUS OPERATIONS**

There will be hazardous operations conducted in the Fleet Training Area Hot (FLETA HOT) until 1 January, 2025. Mariners are requested to transit the area with caution. For more details or comments contact Henry Rogel at 619-545-1757

A. HAZARDOUS OPERATIONS REQUEST (FLETA HOT):

(1) IN AREA BOUNDED BY:

32-33-00N 118-25-00W

32-35-00N 118-16-00W

32-35-00N 117-40-00W

**SOUTHERN CALIFORNIA-OFFSHORE-HAZARDOUS OPERATIONS**

31-55-00N 117-40-00W  
31-55-00N 118-25-00W  
32-33-00N 118-25-00W

TO POINT OF ORIGIN.

**B. HAZARDOUS OPERATIONS REQUEST (SOAR):**

**(1) IN AREA BOUNDED BY:**

32-52-42N 119-11-58W  
33-08-04N 118-52-05W  
33-08-04N 118-46-02W  
33-03-52N 118-41-48W  
33-02-32N 118-43-33W  
32-58-53N 118-43-31W  
32-47-40N 118-32-21W  
32-36-55N 118-45-00W  
32-36-55N 118-56-57W

TO POINT OF ORIGIN.

**C. HAZARDOUS OPS REQUEST (SHOBA WITH BOTH EXTENSIONS):**

**(1) AREA BOUNDED BY FOLLOWING COORDS:**

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

TO POINT OF ORIGIN.

**D. HAZARDOUS OPERATIONS REQUEST (MOORED BUOYS IN PYRAMID COVE)**

**(1) IN AREA BOUNDED BY:**

ANCHOR 1: 15FT, 32-47-38N 118-25-49W  
ANCHOR 2: 15FT, 32-47-24N 118-25-12W  
ANCHOR 3: 20FT, 32-47-36N 118-24-53W  
ANCHOR 4: 20FT, 32-47-11N 118-25-26W  
ANCHOR 5: 25FT, 32-47-19N 118-25-00W  
ANCHOR 6: 30FT, 32-47-07N 118-24-51W  
ANCHOR 7: 210FT, 32-47-24N 118-24-27W  
ANCHOR 8: 170FT, 32-47-24N 118-25-59W  
ANCHOR 9: 243FT, 32-47-19N 118-24-27W  
ANCHOR 10: 227FT, 32-47-19N 118-25-59W  
ANCHOR 11: 00FT, 32-47-45N 118-24-18W  
ANCHOR 12: 00FT, 32-46-56N 118-24-18W  
ANCHOR 13: 00FT, 32-46-56N 118-26-13W  
ANCHOR 14: 00FT, 32-47-45N 118-26-13W.

Charts: 18700 18720 18740

LNLM: 01/24

**SOUTHERN CALIFORNIA-OFFSHORE-HAZARDOUS OPERATIONS LIVE FIRE**

There will be hazardous operations conducted in the Fleet Training Areas (FLETA HOT, SOAR, and SHOBA WITH BOTH EXTENSIONS) until 1 January, 2025. Mariners are requested to stay clear of these areas. The hazardous operations include live fire. For more details or comments contact Darrel Rumsey at 619-545-1744 or Henry Rogel at 619-545-1757.

**A. HAZARDOUS OPERATIONS REQUEST (FLETA HOT FOR LIVE FIRE):**

**(1) IN AREA BOUNDED BY:**

32-33-00N 118-25-00W  
32-35-00N 118-16-00W  
32-35-00N 117-4-000W  
31-55-00N 117-40-00W  
31-55-00N 118-25-00W  
32-33-00N 118-25-00W (TO POINT OF ORIGIN).

**B. HAZARDOUS OPERATIONS REQUEST (SOAR FOR LIVE FIRE)**

**(1) IN AREA BOUNDED BY:**

32-52-42N 119-11-58W  
33-08-04N 118-52-05W  
33-08-04N 118-46-02W  
33-03-52N 118-41-48W  
33-02-32N 118-43-33W  
32-58-53N 118-43-31W  
32-47-40N 118-32-21W  
32-36-55N 118-45-00W  
32-36-55N 118-56-57W (TO POINT OF ORIGIN).

**C. HAZARDOUS OPS REQUEST (SHOBA WITH BOTH EXTENSIONS FOR LIVE FIRE):**

**(1) AREA BOUNDED BY FOLLOWING COORDS:**

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 (TO POINT OF ORIGIN).

**D. HAZARDOUS OPS REQUEST (PYRAMID COVE FOR MOORED BUOYS)**

**(1) AREA BOUNDED BY FOLLOWING COORDS:**

DEPTH LAT LONG  
ANCHOR 1: 15FT- 32-47-38N 118-25-49W

#### **SOUTHERN CALIFORNIA-OFFSHORE-HAZARDOUS OPERATIONS LIVE FIRE**

ANCHOR 2: 15FT- 32-47-24N 118-25-12W  
ANCHOR 3: 20FT- 32-47-36N 118-24-53W  
ANCHOR 4: 20FT- 32-47-11N 118-25-26W  
ANCHOR 5: 25FT- 32-47-19N 118-25-00W  
ANCHOR 6: 30FT- 32-47-07N 118-24-51W  
ANCHOR 7: 210FT- 32-47-24N 118-24-27W  
ANCHOR 8: 170FT- 32-47-24N 118-25-59W  
ANCHOR 9: 243FT- 32-47-19N 118-24-27W  
ANCHOR 10: 227FT- 32-47-19N 118-25-59W  
ANCHOR 11: 00FT- 32-47-45N 118-24-18W  
ANCHOR 12: 00FT- 32-46-56N 118-24-18W  
ANCHOR 13: 00FT- 32-46-56N 118-26-13W  
ANCHOR 14: 00FT- 32-47-45N 118-26-13W

Charts: 18020 18720 18740

LNLM: 05/24

#### **SOUTHERN CALIFORNIA-OFFSHORE-SURVEY OPERATIONS**

Atlas Wind will be conducting geophysical and geotechnical surveys until 01 December, 2024, offshore of the Morro Bay Area and within the Equinor Offshore Wind Lease Area (OCS-P 0563). Operations will be bounded by the following coordinates or see enclosure ATLAS-SURVEY OPERATIONS.pdf below:

35-47-56N 122-09-23W  
35-07-05N 121-39-32W  
35-06-45N 120-37-53W  
35-33-17N 121-07-01W  
35-33-13N 121-32-11W  
35-47-56N 122-09-23W

Surveys will occur within the Lease Area and along areas inshore of the Lease within potential submarine export cable sitting corridors. These potential submarine export cable sitting corridors will be narrow areas that are up to 6,562 feet (2,000 meters) wide and will connect the Lease Area and potential cable landfall locations. During the survey the M/V Island Pride and R/V Taku will be deploying subsurface survey equipment along the route corridor and in the Lease Area (OCS-P 0563) and will be restricted in their ability to maneuver. M/V ISLAND PRIDE and R/V TAKU will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Matthew Moulton at 1-805-236-0756.

Charts: 18700 18720 18740

LNLM: 15/24

#### **SOUTHERN CALIFORNIA-POINT CONCEPTION-NOAA BUOY DEPLOYMENT**

NOAA's Pacific Marine Environmental Laboratory deployed a buoy due west of Point Conception, CA near the Harvest rig at 34-27-83N 120-41-82W. The buoy has a height of 4' and diameter of 6', a yellow top with gray sides and a flashing amber light every 4 seconds and will be recovered May 2025. Mariners are advised to use due caution when transiting this area. For more details or comments contact Nicholas Delich at 206-552-6065.

Chart 18720

LNLM: 21/24

#### **SOUTHERN CALIFORNIA-POINT LOMA-MARINE CONSTRUCTION**

R.E. Staite Engineering, Inc. will be conducting marine construction from 26 February, 2024 until 30 September, 2024 at Naval Base Point Loma at 32-42-12N 117-14-05W. A Floating Crane Barge, Push Boat JEANIE R, Work Boat JOHN DRAKE and skiffs will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact R.E. Staite Engineering, Inc. at 619-629-9733 or restaite@restaite.net.

Chart 18773

LNLM: 07/24

#### **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 no 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

LNLM: 13/20

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

Marathon Construction Corporation will be conducting marine construction on damaged pilings, replacing floating docks and gangways, conducting dive operations, and installing electrical and mechanical utilities from 22 February, 2024 until 31 January, 2025 at Naval Amphibious Base Coronado, Piers 3, 17 and 21 at 32-40-50N 117-09-27W. Work will be performed mostly from a 60' X 120' crane barge, skiffs, and floating docks and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more information or comments contact Timothy Meyer at 619-843-8975.

Charts: 18741 18765 18773

LNLM: 07/24

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

R.E. Staite Engineering, Inc. will be conducting marine construction from 1 April, 2024 until 25 June, 2025 at the Drydock and adjacent area in San Diego Bay at the NASSCO waterfront facility 32-41-15N 117-08-24W. Vessels DB POINT LOMA, DB WILLIAM F, DB PALOMAR, RES 180, SCOW HAROLD M, SCOW CLARENCE D, SCOW ROB P, SCOW MIKE J, P/B JEANIE R, C/B JOHN DRAKE, RES SURVEY BOAT, TUG CUYAMACA, and various barges (80', 110' and 120') will be performing dredging and construction operations and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact R.E. Staite Engineering at 619-233-0175.

Chart 18773

LNLM: 12/24

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

Marathon Construction will be conducting marine construction at Naval Base Coronado from 4 January, 2024 until 31 March 2025 at 32-41-43N 117-13-51W. Mariners are requested to transit the area with caution. For more details or comments contact Dane Kost at 619-244-5522.

Chart 18765

LNLM: 51/23

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

R.E. Staite Engineering, Inc. will be conducting marine construction from 1 April, 2024 until 31 December, 2024 at BAE Systems San Diego facility, Pier 1, Pier 3 and Building 13 Wharf at 32-41-24N 117-08-41W. Vessel Spud Crane Barge RES 150, P/B JEANIE R, support barges, and skiffs will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact R.E. Staite Engineering, Inc. at 619-538-2761 or restaite@restaite.net.

Chart 18773

LNM: 09/24

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

The Cortez Racing Association (CRA) will sponsor the CRA Beer Can Series Regatta every Wednesday from 4:00pm to 8:00pm from 11 May, 2024 and re-occurring until 31 July, 2024. The regatta will consist of 125 sailboats participating in a regatta in North San Diego Bay, CA. The regatta will race a course in San Diego Bay, starting and finishing at Harbor Island. Mariners are requested to transit the area with caution. For more details or comments, contact Colleen Cooke-Salas at 619-852-5010.

Chart 18765

LNM: 19/24

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

The U.S. Sailing Triplehand Championship will be taking place 5-8 August, 2024 from 11:00am until 5:00pm. The event will involve a sailboat regatta of 12 vessels racing around temporary buoys. Mariners are requested to transit the area with caution. For more details, contact Jeff Johnson at 619-933-9922.

Chart 18772

LNM: 24/24

**SOUTHERN CALIFORNIA-SAN DIEGO-DREDGING OPERATIONS**

Manson Construction Co. will be conducting dredging operations from 23 May, 2024 until 1 January, 2025 from 6:00pm until 6:00am Monday through Saturday at the Mole Pier Naval Base San Diego at 32-40-04N 117-07-16W. D/B NJORD, T/B JEFFERY M, S/B WAHOO, GULFPORT, ROCKPORT, EASTPORT, and MANSON 63 will be monitoring VHF-FM Chan. 13 & 16. Mariners are requested to transit the area with caution. For more details or comments contact Tim O'Neill at 562-762-5390.

Chart 18741

LNM: 19/24

**SOUTHERN CALIFORNIA-SAN DIEGO-FLOATING CYLINDER**

Sector San Diego received a report of a large metal cylinder floating in position 32-38-34N 117-09-09W on 22 April, 2024. The cylinder is approximately 15 feet in length, 5 feet in diameter and floating 5 feet above the waterline. Mariners are requested to transit the area with caution. For more details or comments contact Sector San Diego at 619-278-7033.

Chart 18765

LNM: 18/24

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

R.E. Staite Engineering Inc. will be conducting marine construction for the repair and replacement of the existing Pier 302 at Naval Base Pt. Loma from 2 January, 2024 until 2 January, 2025 at 32-42-08N 117-14-09W. DB WILLIAM F, PB JEANIE R, PB JOHN DRAKE, RES 180 Barge, spud/crane barge and support barge RES 110 will be monitoring VHF-FM Chan. 16. Mariners are requested to transit at their slowest safe speed to minimize wake transit the area with caution. For more details or comments contact Tory Wagoner at 619-629-9733 or restaite@restaite.net.

Chart 18773

LNM: 50/23

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

R.E. Staite Engineering Inc. will be conducting marine construction at Pier 5000 in Northern San Diego Bay at 32-41-23N 117-14-06W from 12 August, 2024 until 23 August, 2024. Vessel DB Palomar will be performing the construction and monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Tory Wagoner at 619-629-9733.

Chart 18773

LNM: 31/24

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

The San Diego Yacht Club will be sponsoring the One Design Weekend Monthly Series in Coronado Roads, CA. 25 sailing vessels will be racing on courses starting at approximately 32-38-41N 117-11-35W with courses oriented 1.5 nautical miles into the wind direction. Races will be held on 10-11 August, 28-29 September, 12-13 October, 16-17 November, and 15 December, 2024, from 11:00am to 4:00pm each day. Mariners are requested to transit the area with caution. For more details or comments, contact Jeff Johnson at 619-933-9922.

Chart 18773

LNM: 48/23

**SOUTHERN CALIFORNIA-SAN DIEGO-OCEANOGRAPHIC BUOY DEPLOYMENT**

The City of San Diego Marine Biology Lab is conducting year-round monitoring with oceanographic buoys in the vicinity of the South Bay Ocean Outfall and Point Loma Ocean Outfall until December, 2024. Surface buoys are yellow and lighted equipped with AIS and run from ocean surface to ocean bottom. The Ocean Monitoring Program has two oceanographic moorings deployed at 32-40-12N 117-19-29W and 32-31-55N 117-11-13W. 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: 01/24

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

The City of San Diego Marine Biology Lab is conducting year-round ocean monitoring sampling in the vicinity of the South Bay Ocean Outfall and Point Loma Ocean Outfall until 15 November, 2024. The Ocean Monitoring Program conducts trawl sampling, benthic sampling with a double Van Veen sediment grab, vertical CTD casts and horizontal tows with an undulating underwater vehicle, ROV surveys and multiple moorings are deployed in the region below. Ocean sampling will be conducted in an area bound by the following coordinates:

32-31-54N 117-11-11W  
32-32-10N 117-11-57W  
32-32-03N 117-12-06W  
32-32-33N 117-11-56W  
32-40-10N 117-19-22W  
32-40-04N 117-19-34W  
32-39-37N 117-19-32W

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

32-39-56N 117-19-39W

32-40-10N 117-16-55W

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: 47/23

**SOUTHERN CALIFORNIA-SAN DIEGO-SUNKEN VESSEL**

The Coast Guard has received a report of a partially submerged 35-foot sailing vessel near Zuniga Jetty in position 32-40-38N 117-13-38W. Mariners are requested to transit the area with caution. For more details or comments, contact Coast Guard Sector San Diego at 619-278-7031.

Chart 18773

LNM: 29/24

**SOUTHERN CALIFORNIA-SAN DIEGO-ZUNIGA POINT-SUNKEN VESSEL**

The Coast Guard has received a report of a sunken 25-foot sailing vessel near Zuniga Point at 32-39-48N 117-11-30W. Mariners are requested to transit the area with caution. For more details or comments, contact Coast Guard Sector San Diego at 619-278-7031.

Chart 18773

LNM: 49/23

**SOUTHERN CALIFORNIA-SAN JOSE CREEK-GOLETA SLOUGH-BRIDGE**

STATE ROUTE 217 HIGHWAY BRIDGE- Caltrans has resumed in-water construction for the bridge replacement project through 30 November 2024. Due to the use of heavy construction equipment and the presence of a temporary trestle, mariners are requested to transit the area with extreme caution. For more information, contact the Coast Guard Bridge Office at 510-437-3461 or D11Bridges@uscg.mil.

Chart 18720

LNM: 22/24

**SOUTHERN CALIFORNIA-SAN MATEO PT.-BUOY DEPLOYMENT**

A Waverider buoy has been deployed 5 NM southwest of San Mateo Pt. in position 33-20-11N 117-39-31W. The buoy was deployed on 26 May, 2023. The buoy is operated by Scripps Institute of Oceanography and is 3-foot diameter sphere with an attached telemetry whip antenna and a nighttime yellow color warning flashing light. The light timing sequence is a series of 5 flashes at 1-second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. For further comments or details contact Vicki Kellis at 858-534-3032.

Chart 18774

LNM: 23/23

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

Naval Air Systems Command has deployed an atmospheric sampling buoy 1.5 miles Northeast of San Nicolas Island at 33-18-00N 119-30-55W. The yellow buoy FI Y 3s, is 6 feet above the waterline and 2 feet in diameter. Mariners are requested to transit the area with caution. For more details or comments contact Kyle Edwards at 805-989-0672.

Chart 18720

LNM: 39/22

**SOUTHERN CALIFORNIA-SAN NICHOLAS ISLAND-COMMERCIAL FISHING OPERATIONS**

Ventura County Commercial Fishermen's Association member vessels will be operating within a 35 mile radius of San Nicholas Island between 1 January, 2024 and 31 December, 2024. Vessels can be expected in this area anytime wind and sea state is at a Beauford Scale of 4 or less. Gear will be marked with a flagged highflyer, radar reflector, lights and bouys. Please give a closest point of approach of 1/2 mile. Vessels can be contacted on VHF-FM Chan. 11 and 16. Mariners are requested to transit the area with caution. For more details and comments contact 805-448-4455.

Chart 18022

LNM: 42/23

**SOUTHERN CALIFORNIA-SANTA BARBARA CHANNEL-MARINE EVENT**

The Keiki Paddle Organization will be conducting a marine event on 17 August, 2024 from 10:00am until 4:00pm. Approximately 100 paddle boarders accompanied by 25 support boats will paddle eastbound from Goleta Bay to Leadbetter Beach, Santa Barbara County, CA. The paddlers will be traveling at approximately 3 to 4 knots within 1 nautical mile of the mainland coast. Mariners are requested to transit the area with caution. For more details or comments, contact Sean Hasting at 805-705-1790.

Chart 18720

LNM: 32/24

**SOUTHERN CALIFORNIA-SANTA BARBARA-AQUACULTURE ESTABLISHMENT**

Ocean Rainforest will be establishing an Aquafarm, starting on 30 March, 2023, located located 4.3 NM South of Santa Barbara. The site is bound within four yellow boundary marker buoys with a flashing yellow light every 2 seconds (FI Y2s) in the following positions:

34-19-58.53N 119-42-45.72W

34-20-10.12N 119-42-45.72W

34-20-11.23N 119-42-07.24W

34-19-59.64N 119-42-07.92W

In line with the outer boundary buoys are small unlit floats that are marking the anchors associated with the Aquaculture area, the total buoys marking the anchors are 12 on the long axis of each side and 2 between the corner buoys on the short axis. Within the boundary markers will be 188 buoys/floats, see Enclosure AQUACULTURE ESTABLISHMENT.pdf enclosure below. The interior buoys of the aquaculture are in the shape of a rectangle with the outer edge marked with yellow buoys, every other buoy has a flashing yellow light flashing every 2 seconds (FI Y2s). Within the rectangle are 135 small unlit floats marking the cultivation lines. Mariners are advised to remain clear of this area as entanglement with associated equipment may occur. Vessel DANNY C will be conducting the deployment and monitoring VHF-FM Chan. 7 and 16. For more details or comments contact Ocean Rainforest Inc at 805-722-9601 or eliza@oceanrainforest.com.

Charts: 18720 18725

LNM: 11/23

**SOUTHERN CALIFORNIA-SANTA CATALINA-OCEANOGRAPHIC OPERATIONS**

Oceanography research vessel ROBERT GORDON SPOUL (Call Sign WSQ-2674) will be conducting surface to floor oceanographic operations from 16-20 August, 2024 East of Santa Catalina in vicinity of positions:

33-26-24N 118-19-26W

33-31-08N 118-30-25W

**SOUTHERN CALIFORNIA-SANTA CATALINA-OCEANOGRAPHIC OPERATIONS**

33-34-41N 118-23-46W

33-30-32N 118-13-44W

The exact timing and location of each station will depend on operational concerns and weather conditions. During over-the-side operations, vessel will be restricted in ability to maneuver; all traffic requested to give ROBERT GORDON SPROUL a wide berth. R/V ROBERT GORDON SPROUL will monitor VHF-FM Chan. 13 & 16. Mariners are requested to transit the area with caution. For more details or comments, contact Heather Galiher at 858-226-8761.

Chart 18740

LNM: 32/24

**SOUTHERN CALIFORNIA-VENTURA-MARINE OPERATIONS**

Aqueos will be conducting marine operations from 1-15 August, 2024 in Ventura. Barge DB SALTA VERDE (WDF 9705) is 185' LOA, black hull with a crawler crane on deck and will have support tugs, material tugs, crew boat, and a survey vessel. The barge will be in a 4-point moor 24 hours per day and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments, contact Jason Smith at 805-205-3156.

Chart 18725

LNM: 31/24

**UNITED STATES COAST GUARD-NAVCEN-SURVEY**

We are eager to understand the primary reason for your visit to the Navigation Center website and how you use it, whether for recreational boating, professional purposes, data requests, educational reasons, or otherwise. Your feedback on the website's ease of use, ability to find information, and if it's your primary source for navigation-related information is crucial. We are committed to improving your experience and welcome any suggestions to enhance the site's usability, information accessibility, and overall efficiency. Your insights are invaluable in helping us better meet your navigation needs. Navigation Center Website Feedback Survey (surveymonkey.com)

LNM: 15/24

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**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
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**None**

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**PUBLICATION CORRECTIONS****None**

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**ENCLOSURES****REPORT OF DELAY AT DRAWBRIDGE**[Delay\\_Report\\_11-2017.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

**CENTRAL CALIFORNIA-GROVER BEACH/MORRO BAY-MARINE OPERATIONS**[Bifrost Subsea Fiber Optic Cable.pdf](#)

See link above.

LNM: 24/24

**NORTHERN CALIFORNIA-DELTA & RIVERS-AMERICAN RIVER-BRIDGE**[AmRiv\\_SiltCurtain\\_BargeLocation.pdf](#)

CAPITAL CITY HWY (ROUTE 51) BRIDGE-See link above for barge and silt curtain locations.

LNM: 22/22

**NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE**[PlatformLighting\\_GG\\_Bridge\\_24Apr24.pdf](#)

GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting revised 24 Apr 24.

LNM: 17/24

**NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE**[ButteConstructionLighting-BuoyLine.pdf](#)

REPLACEMENT BUTTE CITY BRIDGE-See link above for temporary construction trestle and lighting and proposed buoy line..

LNM: 36/22

**SOUTHERN CALIFORNIA-SANTA BARBARA-AQUACULTURE ESTABLISHMENT**

[AQUACULTURE ESTABLISHMENT.png](#)

see link above.

LNM: 03/23

**CALIFORNIA - SANTA BARBARA - TRAFFIC SEPARATION (TSS) EXTENDED**

[TSS\\_Circ.78.pdf](#)

See link above.

LNM: 21/23

**SOUTHERN CALIFORNIA - CHANNEL ISLANDS - AREA TO BE AVOIDED (ATBA) ENLARGED**

[ATBA\\_Circ.342.pdf](#)

See link above.

LNM: 21/23

**CALIFORNIA - SANTA BARBARA TSS AND CHANNEL ISLANDS ATBA GRAPHIC**

[new-protections.jpg](#)

See link above.

LNM: 21/23

**CALIFORNIA-CALIFORNIA COAST-VOLUNTARY VESSEL SPEED REDUCTION**

[2024 NOAA USCG EPA VSR Announcement.pdf](#)

See link above.

LNM: 16/24

**SOUTHERN CALIFORNIA-OFFSHORE-SURVEY OPERATIONS**

[ATLAS-SURVEY OPERATIONS.pdf](#)

see enclosure below.

LNM: 15/24

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

[BNSF\\_OldRiver\\_Barge\\_Lighting01.pdf](#)

See link above for typical barge lighting and location during fender work.

LNM: 13/24

**NORTHERN CALIFORNIA-OFFSHORE CAPE MENDOCINO-SURVEY OPERATIONS**

[SSaildrone Surveyor SF-MB.pdf](#)

See link above.

LNM: 24/24

**SOUTHERN CALIFORNIA-VENTURA-DREDGE AND DIVING OPERATION**

[VENTURA-DREDGE-DIVING OPERATION.pdf](#)

See link above

LNM: 21/24

**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

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

W.J. George, 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

## LOCAL NOTICE TO MARINERS

For the **Bifrost** Subsea Fiber Optic Cable Project  
Grover Beach / Morro Bay, San Luis Obispo County, California  
June 7, 2024

All Mariners: Please be aware that the Cable Ship, C/S Ile de Brehat will be performing cable laying activities off the coast of California, in the general vicinity of Grover Beach/Morro Bay.

### DESCRIPTION of WORK and HAZARDS

The Ile de Brehat, a cable-laying ship, will be performing cable installation operations for the Bifrost Cable System from the Grover Beach (CA) to Japan. The cable ship will be towing cable installation gear as it installs the cable on and under the sea floor. **The towed gear and cable, during lay operations, would pose potential collision and entanglement hazard to mariners.** The cable ship will:

- clear the seabed from debris towing a grapnel,
- bury the cable while on the continental shelf using a sea plow or remote operated vehicle
- lay the cable directly on the seafloor when not on the continental shelf,
- conduct a post-lay inspection and burial using a remote operated vehicle.

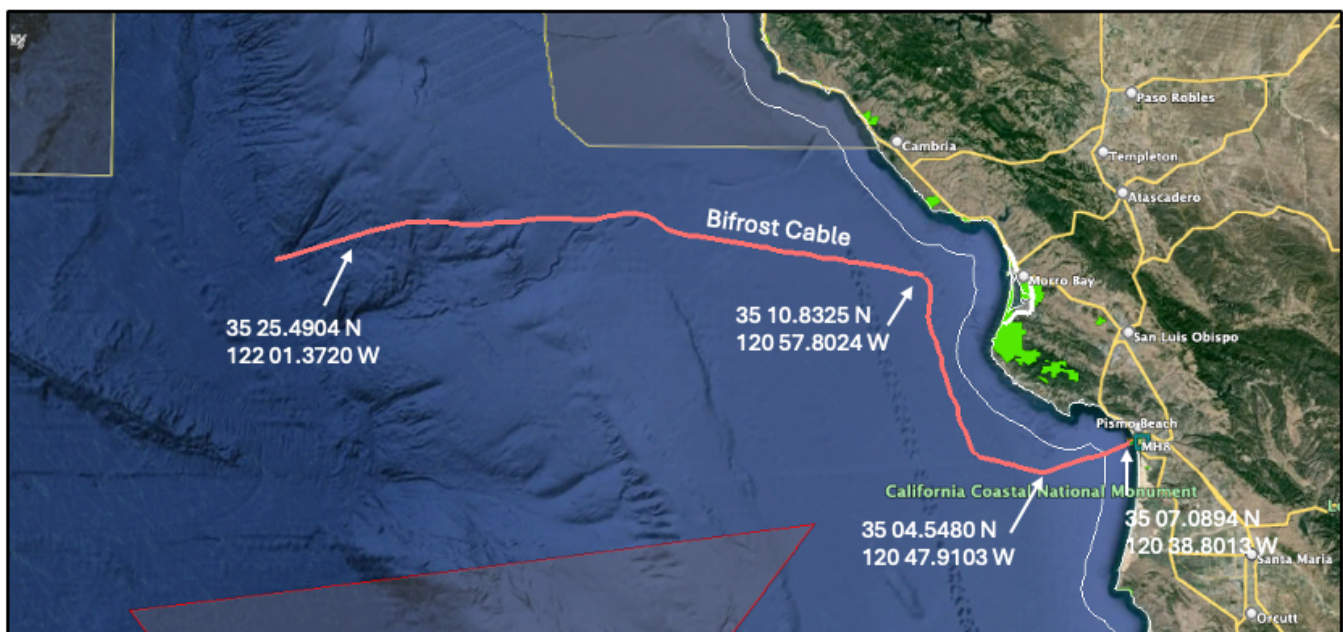
**FISHERMEN ARE REQUESTED TO REMOVE ALL FISHING GEAR OR TRAPS WITHIN 1 NAUTICAL MILE OF THE ALIGNMENT.** All mariners are requested to remain aware of the cable-laying operations and maintain a minimum 1 nm. clearance of the cable ship.

### SCHEDULE

Operations will occur between July 20, 2024 and August 31, 2024 subject to potential change.

### LOCATION OF OPERATIONS

The cable alignment will cross NOAA Navigational Charts: 18700 (South half) and 18703 (Southwest corner). The cable alignment will pass through the coordinates listed in the table on the following page. The figure below shows the alignment.





Latitude (WGS 84)			Longitude (WGS 84)		
35	07.3345	N	120	37.9196	W
35	07.0894	N	120	38.8013	W
35	05.7970	N	120	43.2708	W
35	04.5480	N	120	47.9103	W
35	05.2399	N	120	51.7948	W
35	05.8617	N	120	55.0510	W
35	06.2959	N	120	55.7683	W
35	10.8325	N	120	57.8024	W
35	13.6122	N	120	59.1381	W
35	18.3236	N	121	00.7454	W
35	20.3596	N	121	00.4671	W
35	21.0845	N	121	00.5556	W
35	21.5070	N	121	00.8225	W
35	22.0279	N	121	01.5233	W
35	23.1543	N	121	09.3868	W
35	21.5070	N	121	00.8225	W
35	22.0279	N	121	01.5233	W
35	23.1543	N	121	09.3868	W
35	23.9378	N	121	15.6053	W
35	24.5970	N	121	20.1240	W
35	25.7625	N	121	28.6524	W
35	27.3428	N	121	32.7296	W
35	26.1933	N	121	52.2079	W
35	26.2773	N	121	57.5201	W
35	25.4904	N	122	01.3720	W

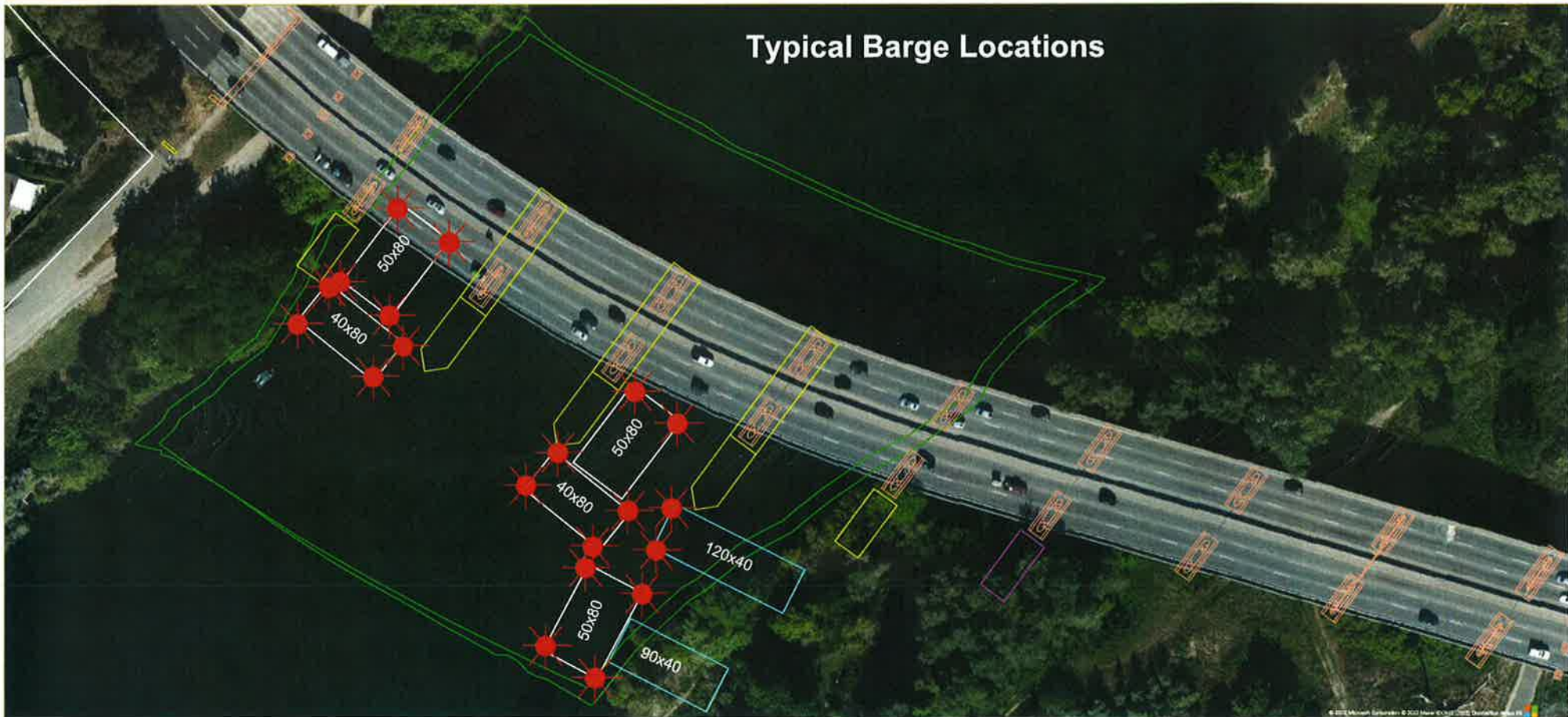
**FISHERMEN ARE REQUESTED TO REMOVE ALL FISHING GEAR OR TRAPS WITHIN 1 NAUTICAL MILE OF THE ALIGNMENT. A all mariners are requested to remain aware of the cable-laying operations and maintain a minimum 1 nm. clearance of the cable ship.**

Vessel Information	
Name	Ile de Brehat
Flag	France
Year Built	2002
IMO	924 7053
Call Sign	FOUC
Length	140.36 m
Beam	23.4 m
Draft	8.016 m
Gross Tonnage	9,820 dwt
Communication	
Bridge Phone #	+47 2367 4918
	+881 64 17 08 689
Rado	Channel 13 (156.62 Mhz)
Email	Email: master@iledebrehat.lida.fr
Immediate Point of Contact	
Contact Person	Carolina Souza
Company	Alcatel Submarine Networks
Address	1 Avenue du Canada 91940 Les Ulis, France
Email	carolina.souza@asn.com



Rehabilitation and Modification Project  
Capital City (CA Route 51) Bridge, Mile 4.0, American River

Typical Barge Location and Typical Barge Lighting



Each corner of each barge is lighted at night with steady burning all-round red light, visible at 2,000 by approaching vessels. All vessels transiting the project area should use extreme caution. Turbidity curtains will be placed at different locations during the project. The next four diagrams show the proposed location of the curtains.



Capital City Bridge, Mile 4.0, American River

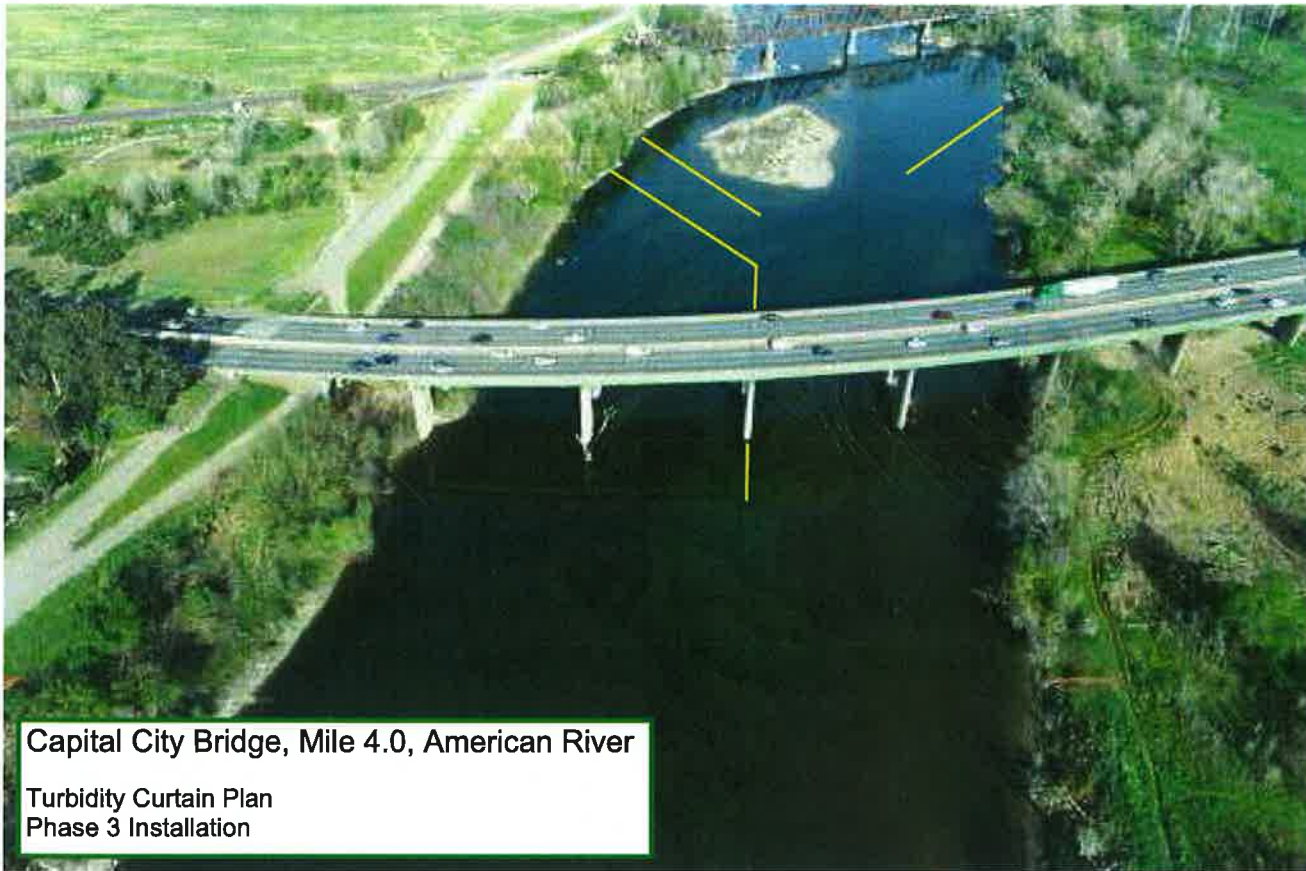
Turbidity Curtain Plan  
Phase 1 Installation





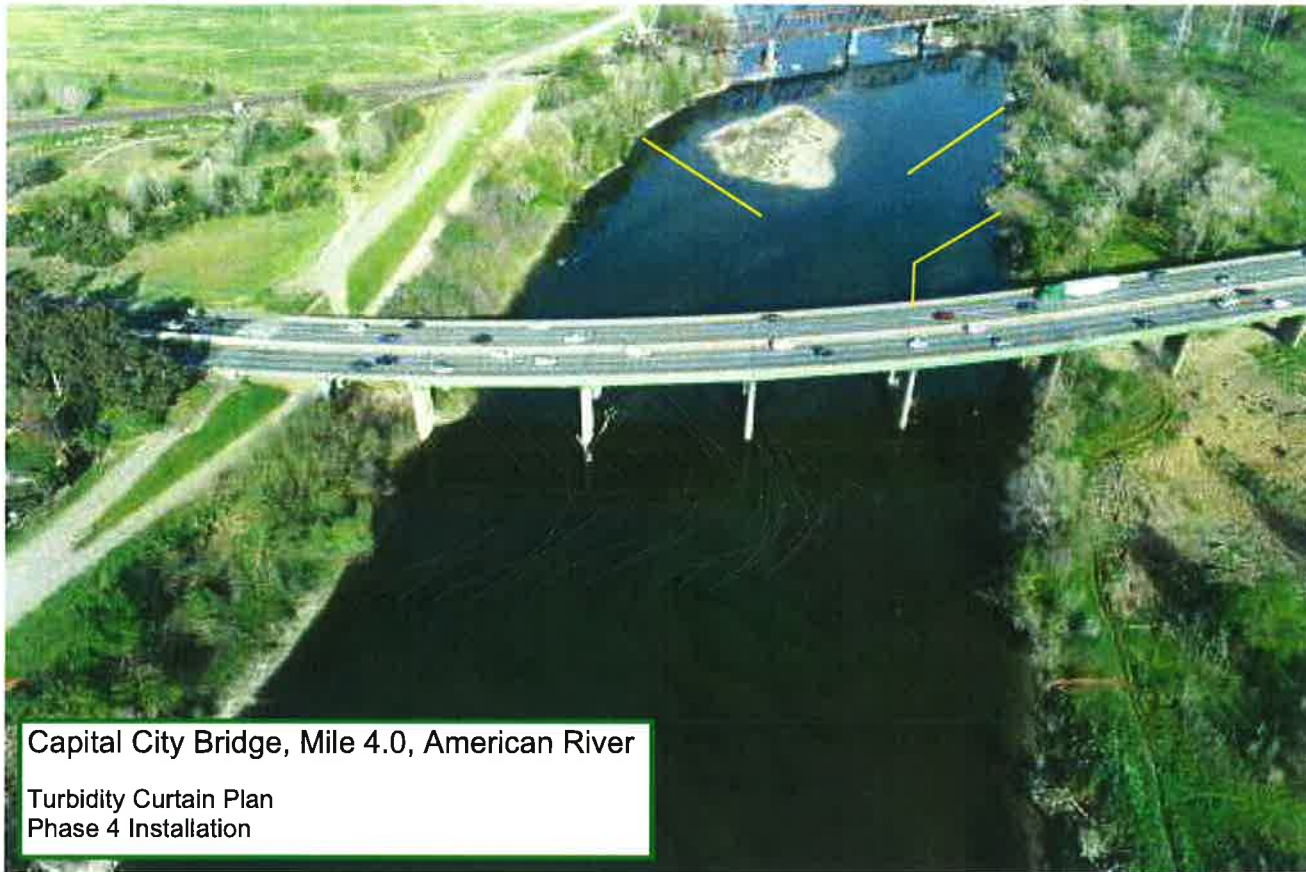
Capital City Bridge, Mile 4.0, American River

Turbidity Curtain Plan  
Phase 2 Installation



Capital City Bridge, Mile 4.0, American River

Turbidity Curtain Plan  
Phase 3 Installation



Capital City Bridge, Mile 4.0, American River

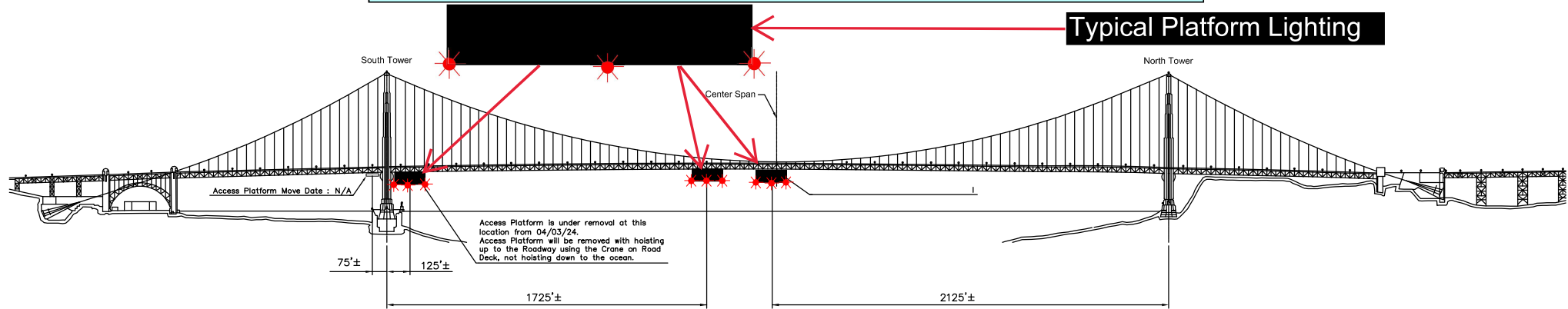
Turbidity Curtain Plan  
Phase 4 Installation



# Temporary Access Platforms

## Golden Gate Bridge, mile 2.5, San Francisco Bay

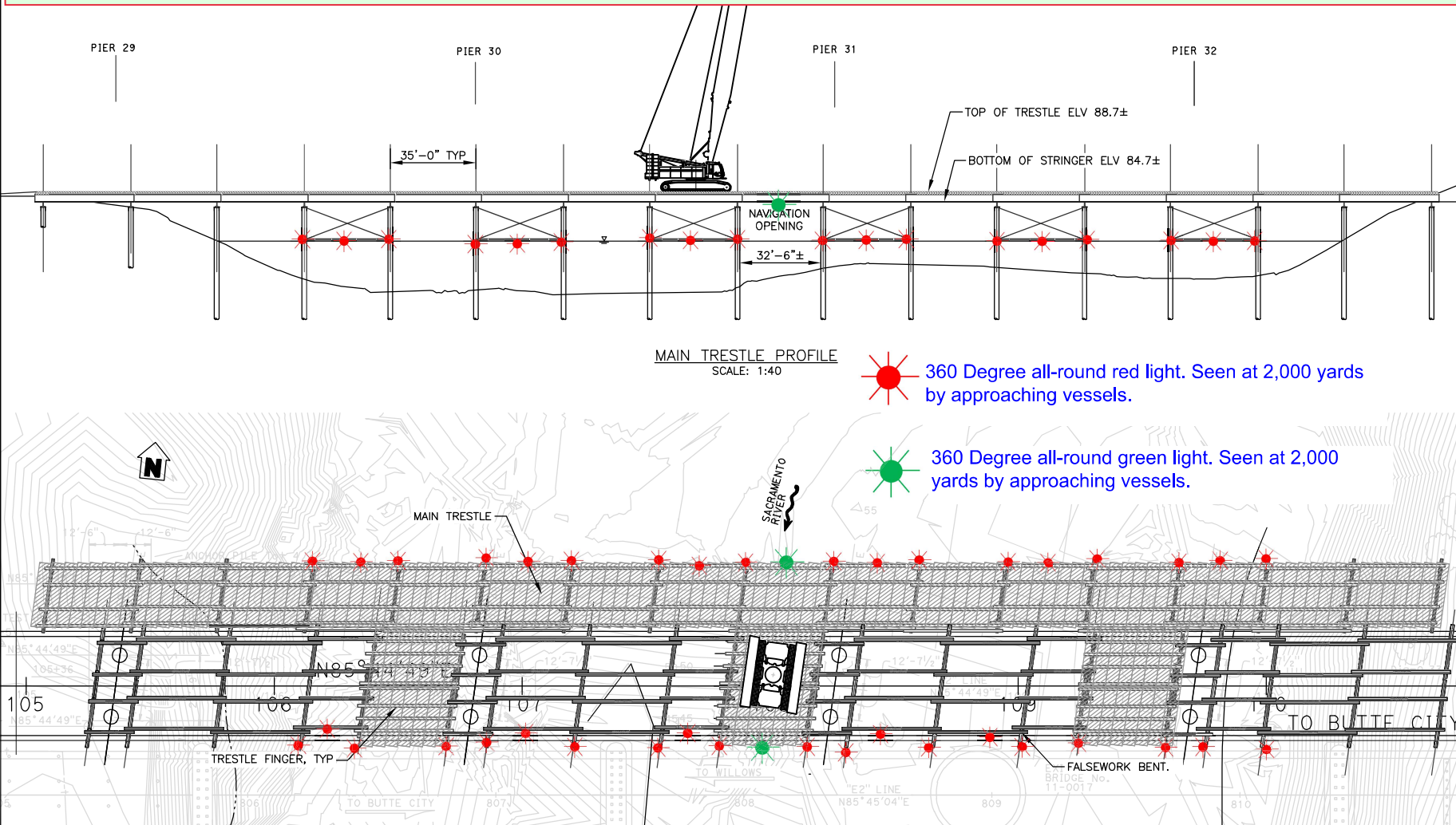
Revised 24 Apr 24



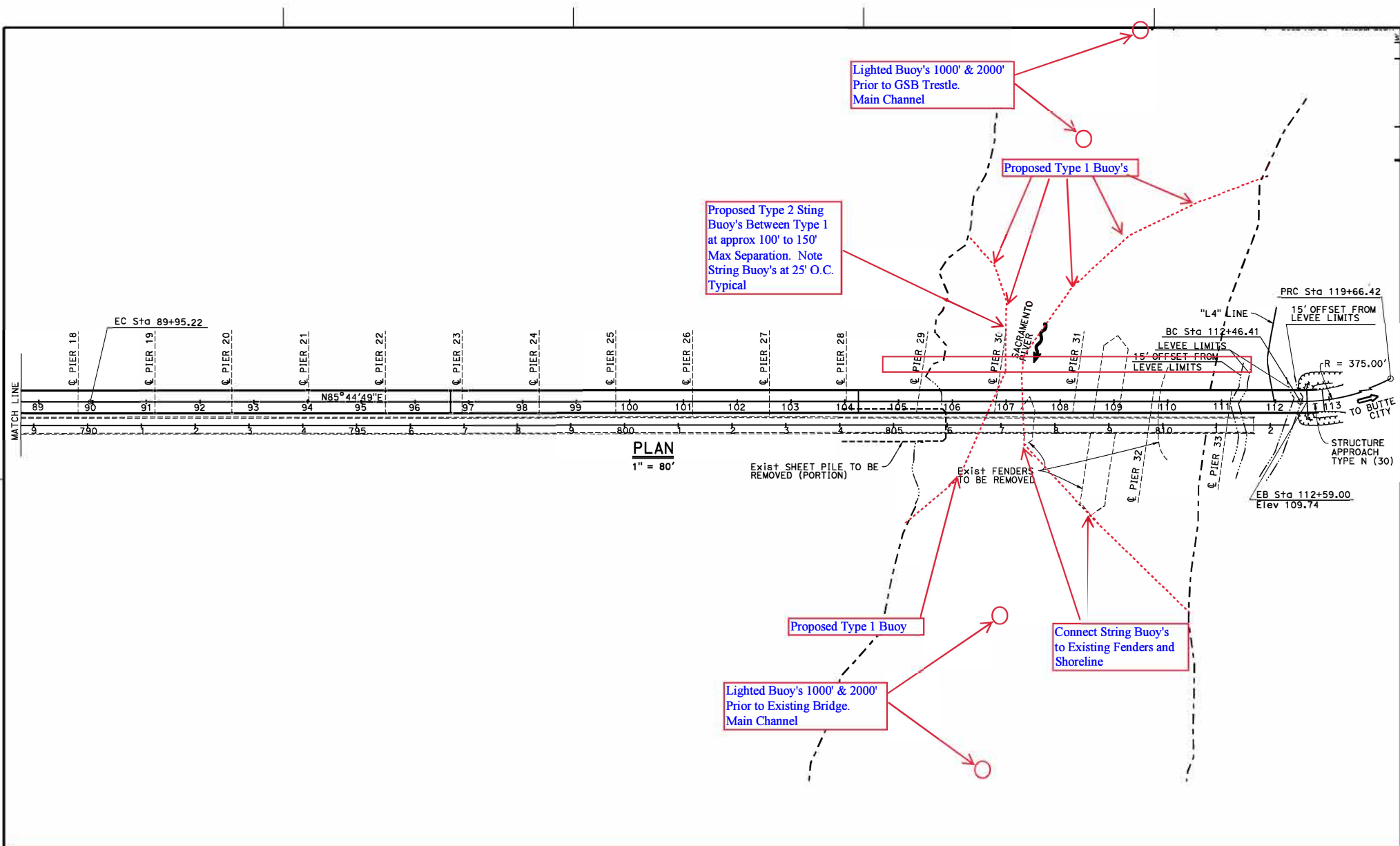
Three 54 ft wide temporary platforms are installed in the main span below low steel of the bridge, in relation to centerline of the span; one south of the north tower and two north of the south tower, reducing vertical clearance by no more than 14 feet. The upstream and downstream lower edges of the temporary platforms will be lighted at night with steady burning red lights visible at 2,000 yards by approaching vessels.

# Butte City Bridge Replacement Project

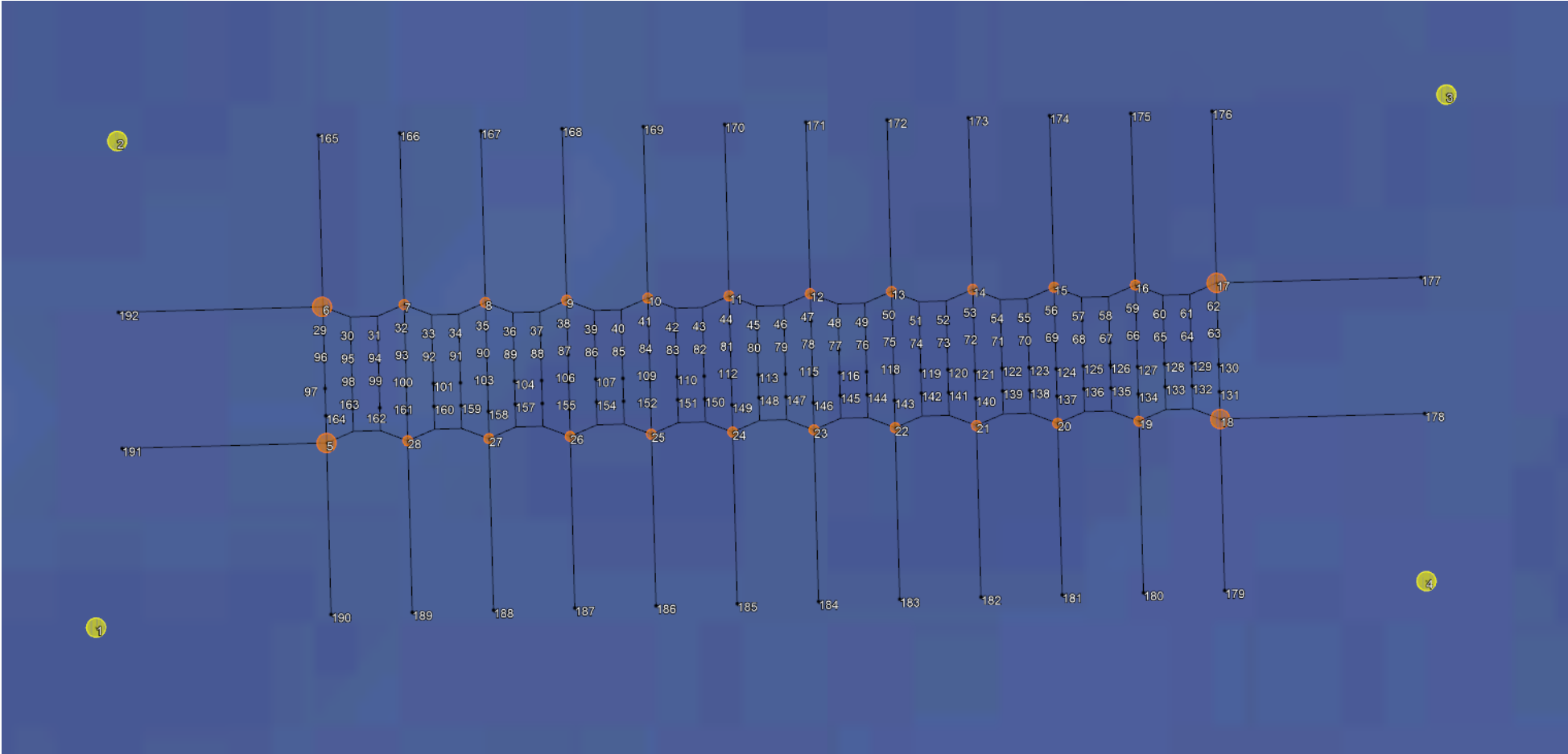
## Sacramento River



The upriver and downriver ends of the trestle piles and crossbeams are lighted at night with steady burning red lights. The upriver and downriver low steel of the temporary navigation span, in the center of the river, is lighted at night with steady burning green lights, which identifies the center of the temporary navigation span.



**Butte City Bridge Replacement Project, mile 169.7, Sacramento River  
Proposed Buoy Line During Construction**



4 ALBERT EMBANKMENT  
LONDON SE1 7SR  
Telephone: +44 (0)20 7735 7611 Fax: +44 (0)20 7587 3210

COLREG.2/Circ.78  
28 November 2022

## TRAFFIC SEPARATION SCHEMES AND ASSOCIATED MEASURES

1 The Maritime Safety Committee, at its 106th session (2 to 11 November 2022), having considered the recommendation made by the Sub-Committee on Navigation, Communications and Search and Rescue at its ninth session (21 to 30 June 2022), and in accordance with the *Procedure for the adoption and amendment of traffic separation schemes, routing measures other than traffic separation schemes, including designation and substitution of archipelagic sea lanes, and ship reporting systems* (resolution A.858(20)), adopted traffic separation schemes and associated measures, as follows:

- .1 amended traffic separation schemes and associated measures *Approaches to the Chornomorsk, Odesa and Pivdennyi ports*, which replace the existing traffic separation schemes *Between the ports of Odessa and Ilichevsk* and *In the approaches to the ports of Odessa and Ilichevsk* (COLREG.2/Circ.14, paragraphs 1.1.2 and 1.1.3); and
- .2 amendments to the traffic separation scheme *In the Santa Barbara Channel* (COLREG.2/Circ.64, annex 6),

as set out in annexes 1 and 2, respectively.

2 Accordingly, the aforementioned traffic separation schemes and associated measures will be implemented at 0000 hours UTC on 1 June 2023.

\*\*\*

## ANNEX 2

### AMENDMENTS TO THE TRAFFIC SEPARATION SCHEME "IN THE SANTA BARBARA CHANNEL"

#### In the Santa Barbara Channel

(Reference charts: United States 18700, 2013 edition; 18720, 2020 edition; and 18721, 2009 edition.

**Note:** These charts are based on North American 1983 datum)

#### Part II

##### Between Point Conception and Point Arguello

The description of the traffic separation scheme in part II "Between Point Conception and Point Arguello" is replaced by the following:

- (a) A separation zone is bounded by a line connecting the following geographical positions:
  - (1) 34°20'.84 N, 120°30'.28 W      (13) 34°29'.15 N, 121°06'.94 W
  - (6) 34°19'.88 N, 120°30'.59 W      (14) 34°28'.19 N, 121°07'.26 W
- (b) A traffic lane for westbound traffic is established between the separation zone and a line connecting the following geographical positions:
  - (7) 34°21'.80 N, 120°29'.96 W      (15) 34°30'.11 N, 121°06'.63 W
- (c) A traffic lane for eastbound traffic is established between the separation zone and a line connecting the following geographical positions:
  - (12) 34°18'.92 N, 120°30'.91 W      (16) 34°27'.23 N, 121°07'.57 W

4 ALBERT EMBANKMENT  
LONDON SE1 7SR  
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SN.1/Circ.342  
28 November 2022

## **ROUTING MEASURES OTHER THAN TRAFFIC SEPARATION SCHEMES**

1 The Maritime Safety Committee, at its 106th session (2 to 11 November 2022), having considered the recommendation made by the Sub-Committee on Navigation, Communications and Search and Rescue at its ninth session (21 to 30 June 2022), and in accordance with the *Procedure for the adoption and amendment of traffic separation schemes, routeing measures other than traffic separation schemes, including designation and substitution of archipelagic sea lanes, and ship reporting systems* (resolution A.858(20)), adopted routeing measures other than traffic separation schemes, as follows:

- .1 recommended route *Off the coast of Shio-no-Misaki*;
- .2 amendments to areas to be avoided *Off the California coast* (resolution A.711(17));
- .3 no anchoring area *In the southern portion of Pulley Ridge*; and
- .4 recommendation on navigation for containerships in the traffic separation schemes *Off Vlieland, Vlieland North and Vlieland Junction, Terschelling-German Bight, Off Friesland and German Bight western approach*,

as set out in annexes 1 to 4, respectively.

2 Accordingly, the aforementioned routeing measures will be implemented at 0000 hours UTC on 1 June 2023.

\*\*\*

## **ANNEX 2**

### **AMENDMENTS TO AREAS TO BE AVOIDED "OFF THE CALIFORNIA COAST"**

#### **Off the California coast**

(Reference charts: United States 18700, 2013 edition; 18720, 2020 edition; 18721, 2009 edition.

**Note:** These charts are based on North American 1983 datum.)

#### **Description of the area to be avoided**

- (a) **In the region of San Miguel, Santa Rosa, Santa Cruz and Anacapa Islands off the coast of southern California**

The existing area to be avoided is replaced by the area bounded by a line connecting the following geographical positions:

- (1) 34°27'.23 N, 121°07'.57 W
- (2) 34°02'.01 N, 119°16'.56 W
- (3) 33°59'.77 N, 119°11'.85 W
- (4) 33°54'.01 N, 119°16'.87 W
- (5) 33°46'.03 N, 120°09'.56 W
- (6) 33°49'.02 N, 120°54'.39 W
- (7) 34°14'.04 N, 121°11'.90 W

\*\*\*









To: All Mariners

April 1, 2024

The National Oceanic and Atmospheric Administration (NOAA), with support from the United States Coast Guard (USCG) and Environmental Protection Agency (EPA) is issuing a voluntary 10-knot Vessel Speed Reduction (VSR) request that goes into effect May 1 off the coasts of San Francisco, Monterey, and southern California; please see the attached charts. Large ships traveling at 10 knots or less give whales more time to move to avoid a strike, reduce the lethality of a strike should one occur, and generate less harmful ocean noise and fewer air emissions. Thus, the goals of these voluntary VSR zones are to reduce the risk of fatal ship strikes to endangered and threatened blue, fin, and humpback whales, reduce ocean noise, and protect public health along the California coast. These whale 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.

**The voluntary VSR requests will be in effect May 1 to December 31, 2024 for the San Francisco and Monterey Bay Region zones and May 1 to December 15, 2024 for the southern California zone, as shown in the attached charts.** The VSR period is being extended by two weeks in the San Francisco and Monterey Bay Region zones due to concerns about the extended presence of protected humpback whales in recent years off Central California. NOAA, USCG, and EPA request that all vessels 300 gross tons (GT) or larger reduce speeds to 10 knots when transiting within the designated VSR zones and prioritize use of the western traffic lane of the San Francisco TSS when traveling in the San Francisco Offshore TSS. Vessels may deviate from the speed and routing recommendations whenever necessary to maintain safe maneuvering.

We request your cooperation with the voluntary VSR requests to protect the health of coastal communities and whales that annually migrate to and through these zones to feed. All transits by vessels 300 GT or larger are analyzed by NOAA via Automatic Information System (AIS) data provided by USCG to assess the cooperation of your company along with industry as a whole.

NOAA, USCG, and EPA are committed to the long-term protection of nationally significant marine resources and public health by enhancing marine safety and environmental awareness in the maritime community. If you have questions, please contact Sean Hastings, 805-705-1790, [sean.hastings@noaa.gov](mailto:sean.hastings@noaa.gov).

NOAA, USCG, and EPA commend your commitment to protecting endangered and threatened whales and protecting public health by cooperation with the 10 knot VSR requests and working towards a goal of 100% cooperation in 2024.

A handwritten signature in blue ink that reads "William J. Douros".

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

A handwritten signature in blue ink that reads "Jennifer Quan".

Jennifer Quan, Regional Administrator  
NOAA National Marine Fisheries Service  
West Coast Region

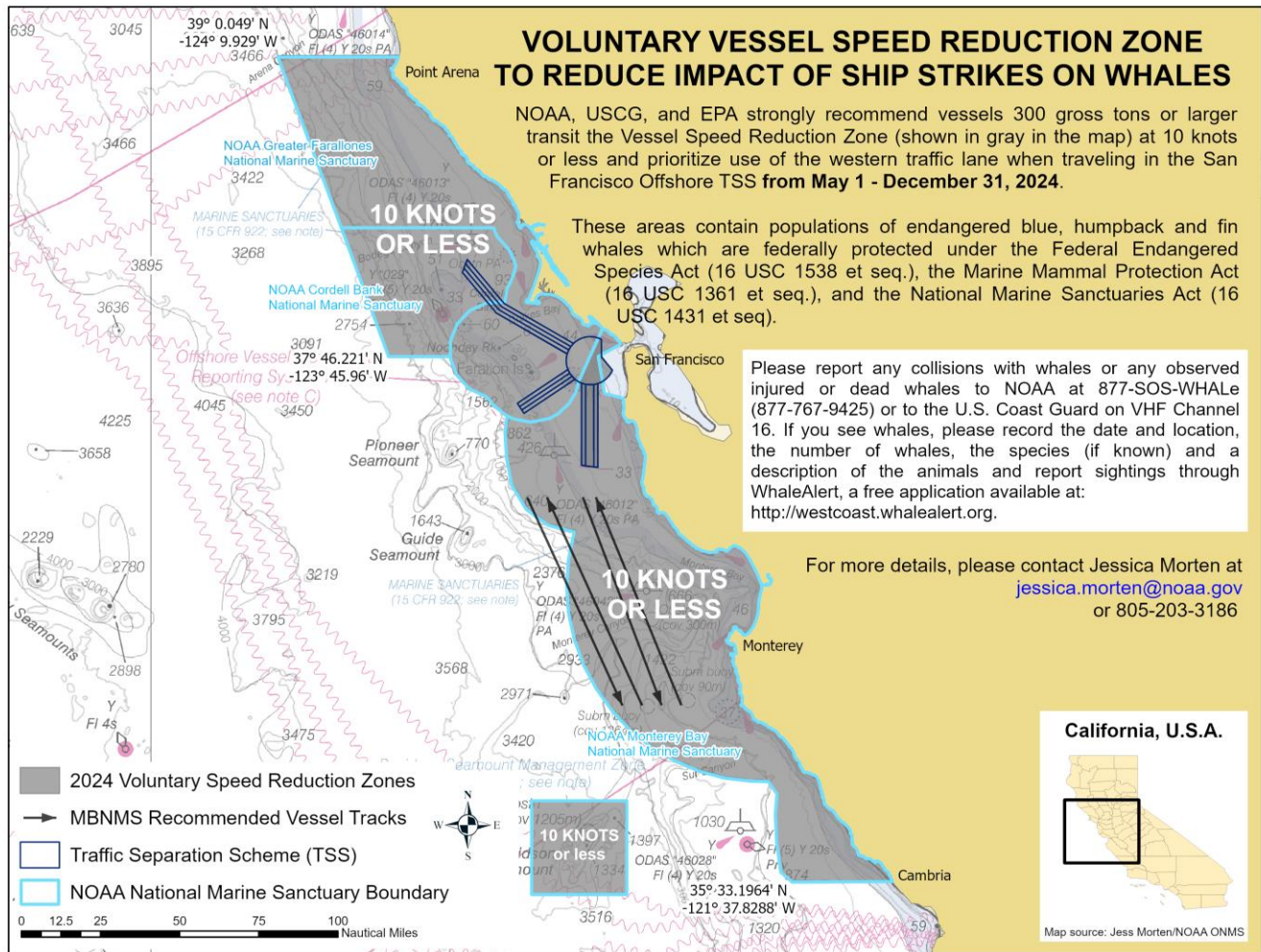
A handwritten signature in blue ink that reads "Andrew Sugimoto".

Andrew M. Sugimoto, Rear Admiral  
U.S. Coast Guard  
District Eleven

A handwritten signature in blue ink that reads "Martha Guzman".

Martha Guzman, Regional Administrator  
Environmental Protection Agency  
Region 9

## 2024 Voluntary Vessel Speed Reduction Zones – San Francisco and Monterey Bay Region



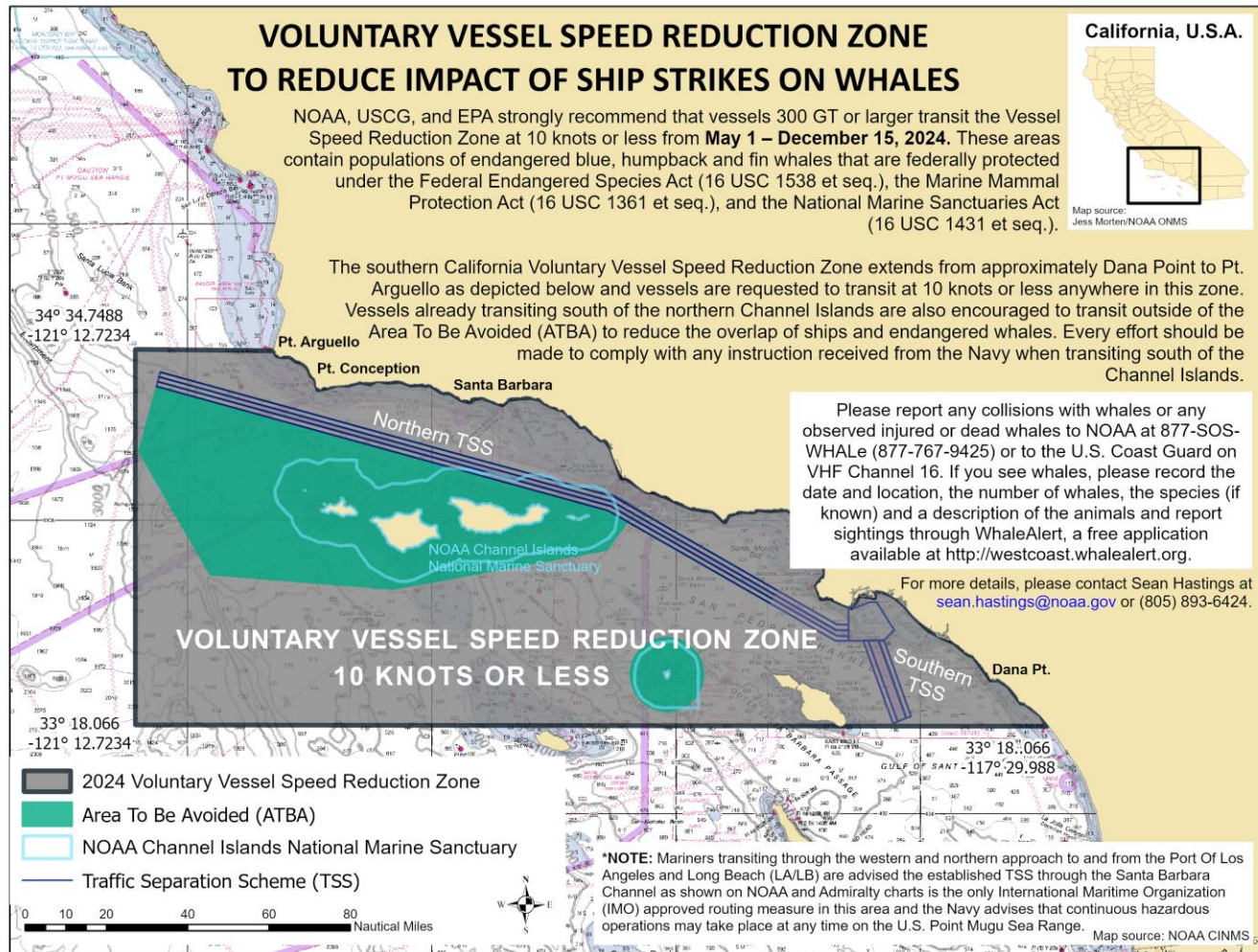
NOAA Chart 501

This map is not to be used for navigational purposes

16 FEBRUARY 2024



## 2024 Voluntary Vessel Speed Reduction Zone – Southern California Region



18 MARCH 2024



M/V Island Pride – Call Sign: LAGN8



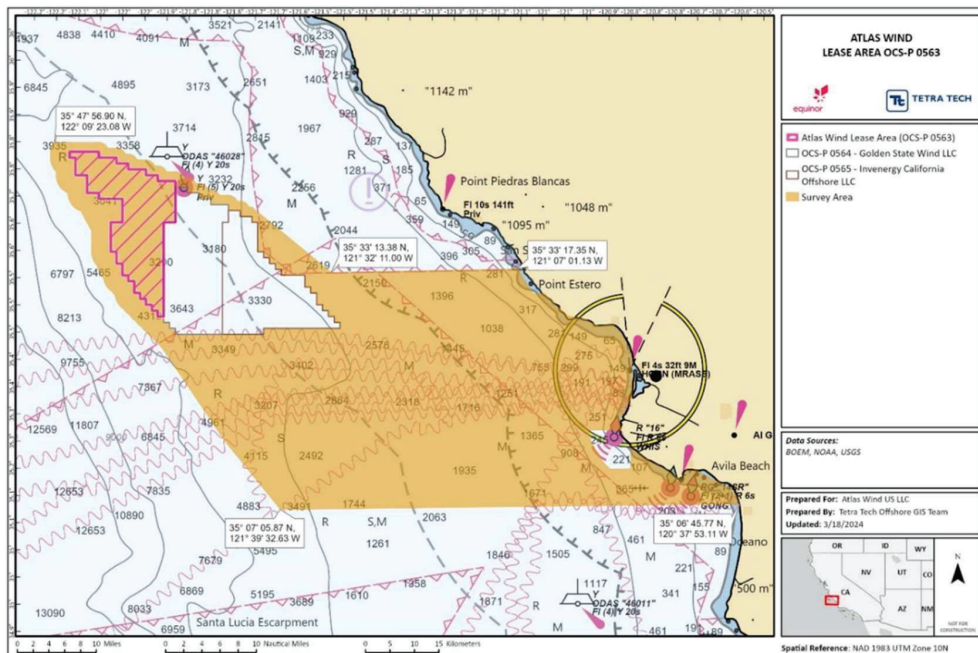
R/V Taku – Call Sign: TAKU

RADIO FREQUENCY VESSELS CAN BE CONTACTED ON : VHF channel 16

#### PASSING ARRANGEMENTS:

During the survey the M/V Island Pride and R/V Taku will be deploying subsurface survey equipment along the route corridor and in the Lease Area (OCS-P 0563) and will be restricted in their ability to maneuver. Approaching vessels are requested to pass at a safe speed and distance.

#### Chart of Survey Area within both state and federal waters with latitude and longitude of approximate Survey Area boundaries



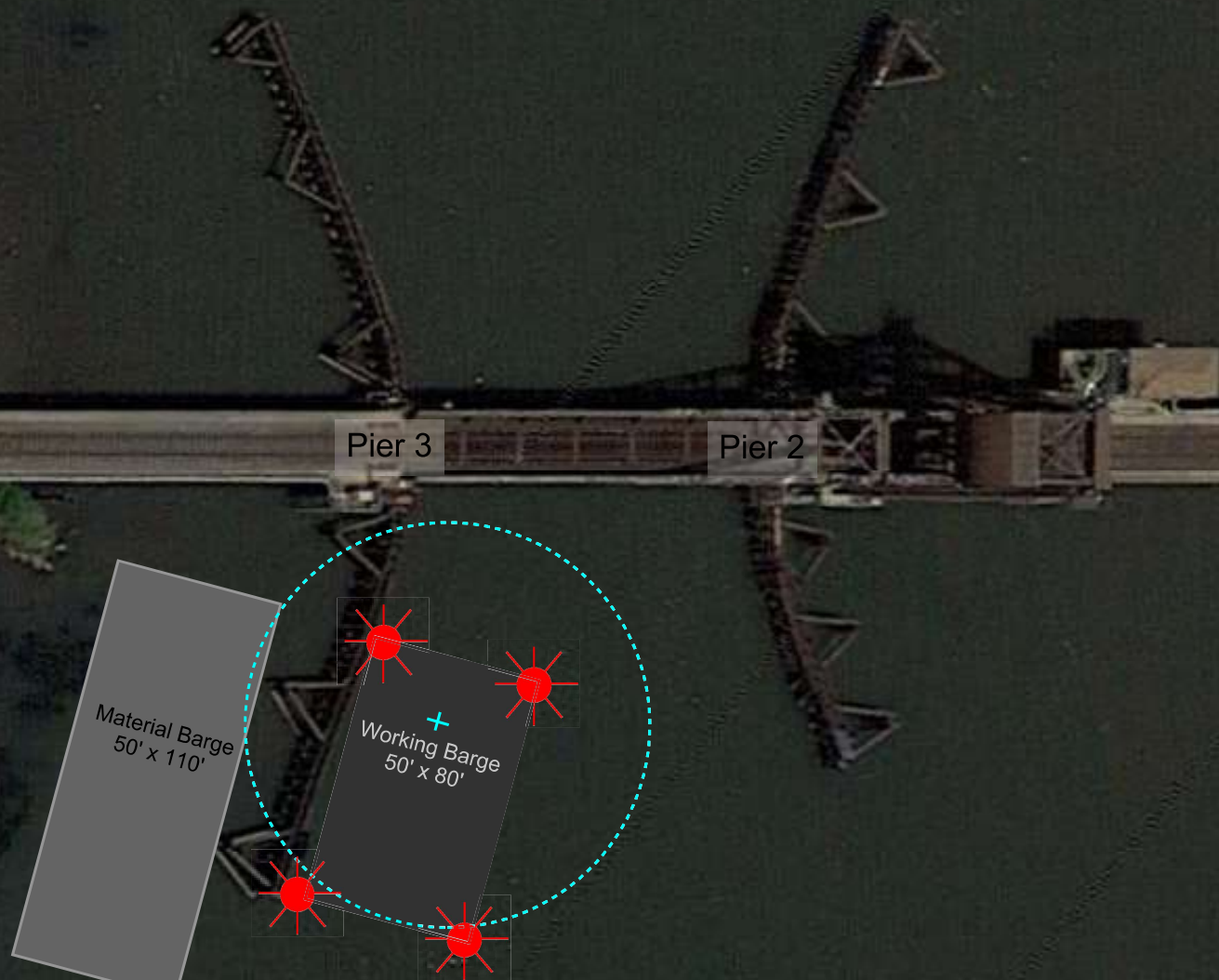
**SURVEY COORDINATES OF LEASE AREA AND SURVEY AREA**

<b>SURVEY COORDINATES OF THE LEASE AREA</b>	
<b>Latitude</b>	<b>Longitude</b>
35.7248	-121.8855
35.6491	-121.8865
35.6494	-121.9130
35.4793	-121.9154
35.4764	-121.9286
35.5963	-122.0330
35.6504	-122.0323
35.6502	-122.0058
35.6934	-122.0053
35.6939	-122.0583
35.7049	-122.0847
35.7375	-122.1109
35.7701	-122.1238
35.7809	-122.1237
35.7804	-122.0573

<b>SURVEY COORDINATES OF THE SURVEY AREA</b>	
<b>Latitude</b>	<b>Longitude</b>
35.5548	-121.117
35.4484	-120.906
35.1127	-120.631
35.1182	-121.659
35.4263	-121.93
35.6353	-122.077
35.7991	-122.156
35.743	-121.905
35.6762	-121.714
35.5537	-121.536



Pier Protection Replacement Project  
BNSF Rail Bridge  
Mile 10.4, Old River  
March 25, 2024 to September 27, 2024



Typical barge location. The working barge will be lighted at night with all-round red lights. For the safety of navigation, the barge can be moved, 24-hours a day, if at least 1-hours notice is given to the contractor, Pacific Pile & Marine.



## RESEARCH EQUIPMENT IN WATER

California Waters  
June 17th, 2024 to September 30th, 2024

SAILDRONE, INC. will operate one Uncrewed Surface Vehicle called “SAILDRONE SURVEYOR”, for research offshore San Francisco/Monterey Bay. SAILDRONE SURVEYOR will be conducting operations in the area listed below from the time it arrives to the area through September 30th, 2024 periodically returning to Alameda, CA for scheduled maintenance.

### Area 1

37-28-30N, 123-10-16W  
37-28-30N, 122-47-49W  
37-03-10N, 122-47-49W  
37-03-10N, 123-10-16W

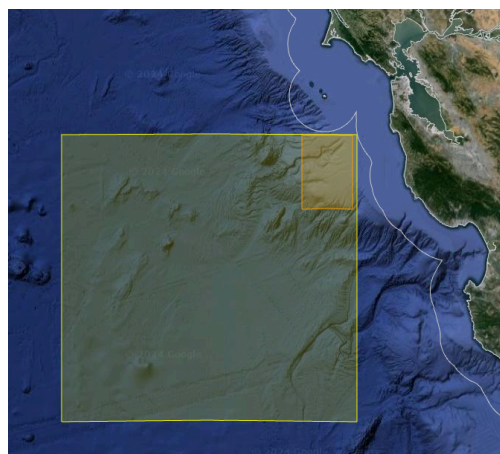
### Area 2

37-28-40N, 124-56-44W  
37-28-40N, 122-46-00W  
35-49-12N, 122-46-00W  
37-49-12N, 124-56-44W

**VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN  
GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.**

Saildrone Surveyor is a primarily wind powered Uncrewed Surface Vehicle also equipped with an inboard engine. Surveyor carries oceanographic instrumentation and is controlled from shore through satellite communications.

- |   |                                 |
|---|---------------------------------|
| ▪ <b>AIS:</b> “SAILDRONE SURVEYOR”                    | ▪ <b>Length:</b> 22 m           |
| ▪ <b>MMSI:</b> 338179262                              | ▪ <b>Width:</b> 1.8 m           |
| ▪ <b>Color:</b> Orange                                | ▪ <b>Height:</b> 14 m           |
| ▪ <b>Lights:</b> Tricolor, Running lights/stern light | ▪ <b>Draft:</b> 3.6 m           |
| ▪ <b>Radar Reflecting:</b> Yes                        | ▪ <b>Average speed:</b> 7 knots |



### SAILDRONE MISSION CONTROL

(510) 722-6070

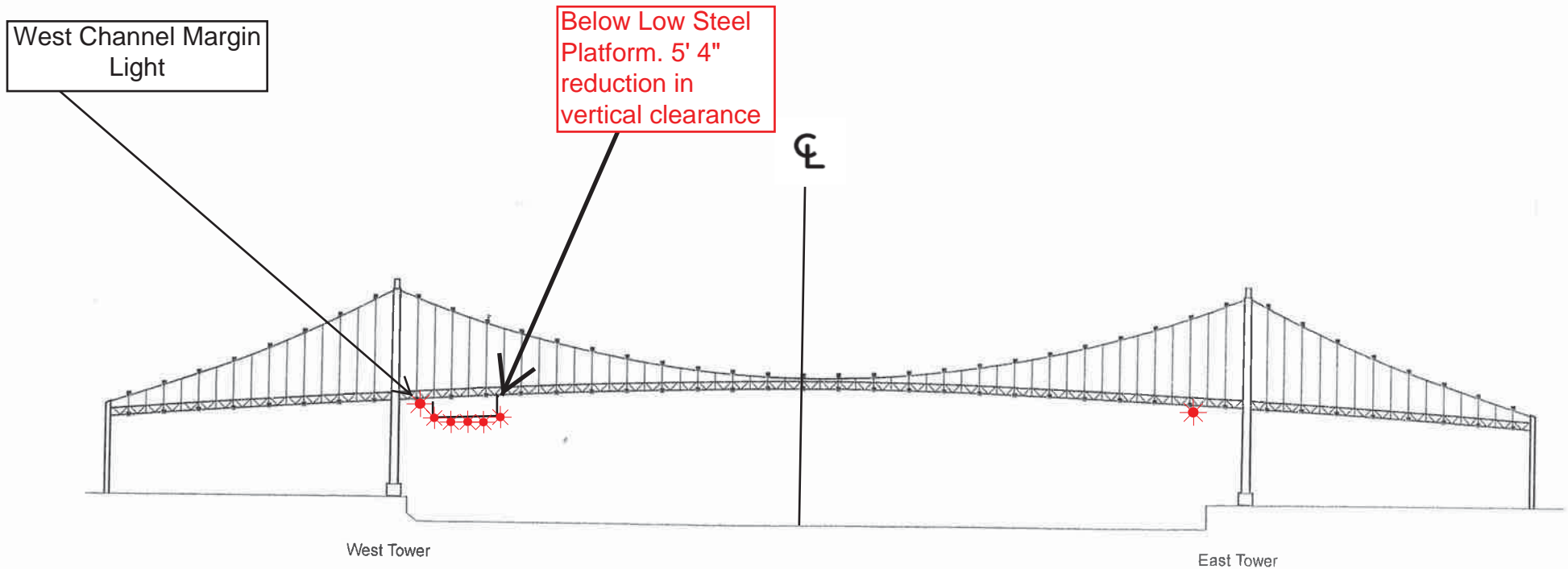
[missioncontrol@saildrone.com](mailto:missioncontrol@saildrone.com)





**Seafloor Segment HDPE Pipeline pull-out route**

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



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.