U.S. Department
of Homeland Security

**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 11 Week: 37/18

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-0010-18, SF-0138-18, LA-0126-18, and SD-0093-18 have been incorporated in this notice, or will continue if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at http://www.pacificarea.uscg.mil/Our-Organization/District-11/Prevention-Division/LnmRequest/ or call BM1 Silvestre Suga at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION- PROJECTS, DISCREPANCIES, CORRECTIONS & REGULATORY

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the Delay_Report_11-2017.pdf included in the Enclosures section of this Local Notice to Mariners.

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.

MARINE SAFETY INFORMATION BULLETIN

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity “work-lights” on decks used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel’s navigation lights at night and in low-visibility conditions.

A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunset to sunrise and during periods of low visibility. Vessels found to be in violation of Rule 20 may be subject to

a potential $6,500 fine.

All vessels operating near the San Francisco Bay inbound or outbound off-shore traffic lanes are strongly encouraged to comply with the Navigation Rules as they pertain to navigation lights. Vessels are also encouraged to maintain an active listening watch on VHF/FM Channels 13 and 16, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Chart 18649 LNM: 45/16

NORTHERN CALIFORNIA-SAN FRANCISCO APPROACH-SPEED REDUCTION

NOAA Sanctuaries requests a voluntary Vessel Speed Reduction until 15 Nov 18 within the San Francisco Traffic Seperation Scheme (SF TSS). Vessels 300 gross registered tons or larger transiting the SF TSS (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that 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.). Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Charts: 18640 18680 LNM: 18/18

RADIOFACSIMILE BROADCAST SCHEDULE

The NWS National Centers for Environmental Prediction (NCEP) Ocean Prediction Center (OPC), in cooperation with the U.S. Coast Guard, will be incorporating 72-hour forecast information into the radiofacsimile broadcasts from Boston, MA (call sign NMF), Pt. Reyes, CA (call sign NMC), and Kodiak, AK (call sign NOJ). The introduction of the 72-hour forecast information into the radiofacsimile schedule will take place September 19, 2018. The OPC began producing 72-hour forecast information March 7, 2018.
To add new information to the radiofacsimile broadcasts, the schedules will be adjusted. The new schedule can be found on the OPC internet page at:
http://www.nws.noaa.gov/os/marine/radiofax.htm
and on the NWS Marine Program page at:
http://www.nws.noaa.gov/om/marine/home.htm

No forecast information will be removed as a result of this change. The current Worldwide Marine Radiofacsimile Broadcast schedule can be found at: http://www.nws.noaa.gov/os/marine/rfax.pdf

Users of these products do not need to take any actions in order to continue receiving them. Please send comments or requests for more information to:
OPC Operations Branch Chief Darin Figurskey at:
Darin.figurskey@noaa.gov
301-683-1497
NWS Marine Program Leader Darren Wright at:
darren.wright@noaa.gov
301-427-9283
National Service Change Notices are online at:
https://www.weather.gov/notification/

LNM: 36/18

SAN JOAQUIN RIVER AND SAN FRANCISCO BAY-MARINE CONSTRUCTION

The following Aids to Navigation are being rebuilt in San Joaquin River and San Francisco Bay with an estimated completion time of 21 Sep 18:
San Joaquin River Light 47 (LLNR 6865)
San Joaquin River Light 25 (LLNR 6760)
San Joaquin River Light 3 (LLNR 6675)
San Joaquin River Daybeacon 1(LLNR 6665)
San Pablo Bay LT 5(LLNR 5885)
San Pablo Bay LT 12(LLNR 5925)
San Pablo LT 17(LLNR 5970)
Suisun Bay North Channel Light 2(LLNR 6325)
Point Pinole LT P(LLNR 5895)
Belvedere Cove LT 1(LLNR 4355)
Berkeley North Breakwater LT4(LLNR 5460)
Carquinez Straight LT22(LLNR 6235)
Berkeley Marina Channel LT 3(LLNR 5435)
Stockton Channel Light 36(LLNR 7110).
For more details or comments contact ANT San Francisco 415-399-3517.

Charts: 18649 18654 18656 18659 18661 LNM: 36/18

SOUTHERN CALIFORNIA-SANTA BARBARA CHANNEL-SPEED REDUCTION

NOAA Sanctuaries requests a voluntary Vessel Speed Reduction until 30 Nov 18 in the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel. Vessels 300 gross registered tons or larger are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that 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.). Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALe (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16. NOAA is asking for the public's help in tracking whales. Please report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

Chart 18720 LNM: 24/18

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	ADRIFT	18022	SD-0168-16	52/16	
5	Point Loma Light	REDUCED INT	18773	SD-0100-17	36/17	
275	NOAA Environmental Lighted Buoy 46028	OFF STA	18700	SF-0194-17	36/17	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
2470	Newport Bay Channel Light 11	STRUCT DEST/TRLB	18754	LA-0176-15	50/15	
2641	Isthmus Cove Harbor Reefs Light	LT IMCH	18757	LA-0094-18	29/18	
3755	**Santa Barbara Harbor Lighted Bell Buoy SB**	**LT EXT**	**18725**	**LA-0125-18**	**37/18**	
4645	Oakland Outer Harbor Light 7	STRUCT DMGD	18650	SF-0089-18	23/18	
4650	Oakland Outer Harbor Light 9	TRLB	18650	SF-0058-18	26/18	
4750	Alameda Naval Air Station Channel Entrance Lighted Buoy 2	BUOY DMGD	18650	SF-0228-17	44/17	
5135	San Francisco Airport Daybeacon 1	DAYMK MISSING	18651	SF-0085-18	22/18	
5180	Redwood Creek Entrance Light 2	STRUCT DEST/TRLB	18651	SF-0153-15	34/15	
5240	Redwood Creek Light 13	STRUCT DMGD/TRLB	18651	SF-0201-17	41/17	
5460	Berkeley North Breakwater Light 4	LT EXT	18653	SF-0035-17	05/17	
5675	Richmond Harbor Channel Approach Range Rear Light	REDUCED INT	18653	SF-0105-18	27/18	
5820	**San Francisco Bay North Channel Lighted Bell Buoy 18**	**OFF STA**	**18649**	**SF-0137-18**	**37/18**	
5885	San Pablo Bay Channel Light 5	STRUCT DEST/TRLB	18654	SF-0193-17	36/17	
5895	Point Pinole Light P	DAYMK DMGD	18654	SF-0123-16	26/16	
6165	Napa River Light 8	STRUCT DEST/TRLB	18654	SF-0123-14	34/14	
6195	Napa River Light 15	DAYMK MISSING	18654	SF-0036-17	05/17	
6325	Suisun Bay North Channel Light 2	STRUCT DMGD/TRLB	18657	SF-0004-14	01/14	
6665	San Joaquin River Daybeacon 1	STRUCT DEST/TRUB	18659	SF-0017-16	04/16	
6760	San Joaquin River Light 25	STRUCT DEST/TRLB	18660	SF-0083-15	21/15	
6865	San Joaquin River Light 47	STRUCT DEST/TRLB	18660	SF-0113-15	26/15	
6913	Stockton Channel Light 1	STRUCT DMGD	18660	SF-0119-17	22/17	
7030	Stockton Channel Light 21	LT EXT	18663	SF-0119-18	31/18	
7125	Stockton Channel Range J Rear Light	REDUCED INT	18663	SF-0012-17	03/17	
7240	Sacramento River Deep Water Ship Channel Light 16	TRLB	18660	SF-0127-18	34/18	

7415	Sacramento River Deep Water Ship Channel Light 50	STRUCT DMGD/TRLB	18661	SF-0143-17	25/17
7780	Bodega Harbor Channel Light 2	STRUCT DMGD	18643	SF-0184-17	34/17
7865	Bodega Harbor Channel Daybeacon 18	STRUCT DMGD/TRLB	18643	SF-0256-17	50/17
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
7990	Bodega Harbor Channel Daybeacon 44	STRUCT DEST/TRUB	18643	SF-0230-15	50/15
8320	Hookton Channel Light 8	STRUCT DEST/TRLB	18622	HB-0036-14	47/14
8386	Crescent City Harbor Light 9	STRUCT DMGD/TRLB	18603	HB-0002-18	05/18

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3010	Long Beach Channel Approach Lighted Whistle Buoy LB	WATCHING PROPERLY	18749	LA-0089-18	28/18	37/18
3107	Los Angeles Approach Channel Lighted Whistle Buoy 3	WATCHING PROPERLY	18749	LA-0114-18	34/18	37/18
3605	Port Hueneme Range Front Light	WATCHING PROPERLY	18724	LA-0118-18	35/18	37/18
3750	Santa Barbara Harbor Breakwater Light	WATCHING PROPERLY	18725	LA-0124-18	37/18	37/18
4675	Oakland Inner Harbor Light 8	WATCHING PROPERLY	18650	SF-0128-18	34/18	37/18

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
187	Platform Gail Racon	RAC INOP	18725	LA-0045-18	14/18	
2070	Coronado Cays Channel Daybeacon 3	STRUCT DEST	18773	SD-0098-17	36/17	
4402	Richardson Bay Daybeacon 9	STRUCT DMGD	18649	SF-0086-18	23/18	
4420	San Francisco-Oakland Bay Bridge Pier A Fog Signal	SS INOP	18650	SF-0064-18	15/18	
5877.2	San Rafael Rock Quarry Mooring Buoy C	MISSING	18653		36/18	
8591	Lake Tahoe NASA-JPL Lighted Research Buoy TB3	OFF STA	18665		35/18	
8591.1	Lake Tahoe NASA-JPL Lighted Research Buoy TB2	OFF STA	18665		35/18	
8591.2	Lake Tahoe NASA-JPL Lighted Research Buoy TB1	OFF STA	18665		35/18	
8591.5	Lake Tahoe UC Davis Lighted Research Buoy TDR2	OFF STA	18665		35/18	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
288	Monterey Bay (MBARI) Lighted Buoy (M1)	WATCHING PROPERLY	18685		18/18	18/19

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
280	Point Sur Light	Reduced Intensity	18686	SF-0045-17	06/17	

370	Point Bonita Light	Reduced Intensity	18649	SF-0135-18	36/18
4220	Point Bonita Light	Reduced Intensity	18649	SF-0135-18	36/18

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

None

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)

HUMBOLDT BAY-SEASONAL AID DISESTABLISHMENT

The U.S. Coast Guard is proposing to convert Humboldt Bay Lighted Bell Buoy 2 (LLNR 8135) to a seasonal aid due to continued off-station reports after extreme weather fronts. The aid will be seasonally disestablished from November thru May of each year. The physical buoy will be positioned and on-station from May thru November of each year. A Synthetic AIS for the aid position is active and will be available year-round for this aid position.

The U.S. Coast Guard is seeking public comment on this change. The U.S. Coast Guard also proposes an alternative solution and requests public comment on seasonally disestablishing this aid and maintaining the Synthetic AIS in place. Please direct questions, comments or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18620 18622 LNM: 09/18

LA/LB LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Vicente Light (LLNR 170) to an LED with a 14nm range. Date of implementation of this change will be published once scheduled. Direct any questions to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18020 18022 18740 18746 LNM: 34/15

NEWPORT BAY-PROPOSED ATON DISCONTINUANCE

The U.S. Coast Guard is discontinuing Newport Bay Channel Light 5 (LLNR 2450), Newport Bay Channel Light 6 (LLNR 2455), Newport Bay Channel Lighted Buoy 8 (LLNR 2460), Newport Bay Channel Light 10 (LLNR 2465), Newport Bay Channel Light 11 (LLNR 2470) and Newport Bay Channel Light 12 (LLNR 2475). The City of Newport has requested to take ownership, remove pile markers and establish lighted Private Aids to Navigation (PATON) buoys for all listed aids in Newport Bay due to concerns of vessel safety and to improve channel marking. Please direct any questions to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18754 LNM: 31/17

POINT SUR-LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Sur Light (LLNR 280) to an LED with a 14nm range. Date of implementation will be published once scheduled. Direct any questions to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 501 18020 18680 18686 LNM: 41/17

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)

NORTHERN CALIFORNIA-PIGEON POINT-DGPS DISCONTINUANCE

In accordance with the DGPS Discontinuance FRN, the termination of the DGPS signal at Pigeon Point, CA will cease 30 Sep 18. For more details or comments contact LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18680 LNM: 33/18

SOUTHERN CALIFORNIA-MARIA DEL REY-SOUND SIGNAL

The U.S. Coast Guard is proposing to change the sound signal at Marina Del Rey Lt 3 (LLNR 3455). Currently, when activated by Marine Radio Assisted Sound Signal, the signal sounds 2 blasts every 20 seconds for 30 minutes. Proposed change would make the signal sound 1 blast every 30 seconds for 15 minutes. Please direct questions, comments or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18774 LNM: 31/18

SOUTHERN CALIFORNIA-NEWPORT BAY-SOUND SIGNAL

The U.S. Coast Guard is proposing to change the sound signal at Newport Bay Light 3 (LLNR 2440/90). Currently, when activated by Marine Radio Assisted Sound Signal, the sound signal sounds for 30 minutes. The proposed change would reduce the duration of the signal to 15 minutes. Please direct questions, comments or concerns to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Charts: 18746 18754 LNM: 31/18

SECTION VII - GENERAL

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

ARIZONA-BULLHEAD CITY-COLORADO RIVER-DAVIS DAM

A rocky shoal has been reported below the Davis Dam in position 35-11-33.64N 114-34-16.39W where depths are reported between 5' to less than 1' depending upon the outflow from the dam. Recreational vessels have been seen running aground after making contact with the rocks as there are no signs or buoys marking the area. Mariners are requested to transit the area with caution. For more details or comments contact USCG Sector San Diego at 619-278-7073.

LNM: 16/18

DELTA & RIVERS-SACRAMENTO RIVER-MARINE CONSTRUCTION

Dutra will be conducting marine construction on the west bank of the Sacramento River between channel markers "R10", "R12" in the vicinity of Clay City Bend and Sutterville until 30 Nov 18. Various tugboats will be pushing loaded rock barges (6 total) between San Francisco Bay and the worksite. Barges will be transiting at all hours. Tugs will use deep water channels only as far as Brannon island, then will continue to the site via the Sacramento River. The crane barge 8 will be on station placing armor rock during daylight working hours and will be moored adjacent the shoreline during off hours and weekends. Vessels will be on scene monitoring VHF-FM Chan. 9 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Stephen Hutchison at 707-974-7481.

Chart 18662 LNM: 32/18

FORT BRAGG-BUOY DEPLOYMENT

Integral Consulting Inc. has deployed one yellow spherical Wave-Rider buoy marked with a FL Y 2s light, offshore in the vicinity of the Fort Bragg at 39-22-04.8N, 123-54-36.0W until 28 Sep 18. The buoy has a watch circle diameter of 500 yds. Mariners are requested to transit the area with caution. For more details or comments contact Levi Kilcher at 303-384-7192.

Chart 18626 LNM: 39/17

LOS ANGELES-MOORING OPERATIONS

The Sanitation Districts of Los Angeles County have deployed three moorings located on the Palos Verdes Shelf at 33-42-46N 118-21-59W, 33-46-04N 118-25-59W and 33-42-43N 118-20-01W. All three moorings will be in place until 08 Jan 19 and have a surface buoy with a 6' spar approximately 2" in diameter with wraps of SOLAS reflective marine tape and a fluorescent orange radar reflector mounted at the top. Mariners are requested to transit the area with caution. For more details or comments contact Terra C. Petry at 310-830-2400 ext. 5603.

Chart 18746 LNM: 01/18

LOS ANGELES-NEWPORT BEACH-BUOY DEPLOYMENT

Smart Marine Systems will be deploying a temporary buoy off Balboa Pier, in Newport Beach at 33-35-52N 117-54-05W on 12 Sep 18 until 12 Nov 18. The deployment area is within 1000 feet from the beach, mariners are requested to keep clear. For more details or comments contact Colby

LOS ANGELES-NEWPORT BEACH-BUOY DEPLOYMENT

Bignell at colby.bignell@smartmarinesystems.com.

Chart 18754 LNM: 36/18

MONTEREY BAY-GEOPHISICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey off of Monterey Bay until 01 Nov 18. The operations will include a bathymetric survey using two personal watercrafts, each equipped with a 200 khz single-beam echo sounder, and will conduct cross shore transects from within the surf zone out to 1200m from shore to document the effects of large wave events on seafloor morphology. Mariners are requested to transit the area with caution. For more details or comments contact Tim Elfers at 831-460-7479.

Charts: 18680 18685 LNM: 36/18

MORRO BAY-GEOPHYSICAL SURVEY

EGS Americas Inc will be conducting geophysical survey operations off of Morro Bay until 30 Sep 18. During geophysical surveys M/V JAB will be stern towing a subsea sonar device approximately 50m behind the vessel in a 500m wide corridor between 35-09-00N 120-54-00W and 35-01-00N 120-38-00W. Mariners are requested to keep clear at least 1 mile away from the vessel while it is working. M/V JAB will be on scene monitoring VHF-FM Chan 16. For more details or comments contact Eric Roach at 772-341-9286.

Chart 18703 LNM: 36/18

NORTHERN CALIFORNIA-CARQUINEZ STRAIT-BRIDGE

BENICIA-MARTINEZ (UPRR) DRAWBRIDGE – Until further notice, vessels transiting eastbound should provide their advance call to the bridge tender when passing Selby and provide a four digit time for their lift request based on their ETA at Carquinez Strait Light 23 (LLNR 6240). Vessels transiting westbound should continue to provide their advance call to the bridge tender when passing New York Point and provide a four digit time for their lift request based on their ETA at Suisun Bay Channel Light 11 (LLNR 6440). For further information contact the Coast Guard Bridge Office at 510-437-3516 or Coast Guard Vessel Traffic Service at 415-399-7402.

Chart 18656 LNM: 48/17

NORTHERN CALIFORNIA-CITY OF EUREKA-DREDGING

Pacific Affiliates will be conducting continuous dredging operations at the City of Eureka Small Boat Basin, Commercial Street Dock, and C Street Dock in Humboldt Bay, in position 40-48-20N 124-10-10W, until 15 Oct 18. Dredged material will be transported to Humboldt Open Ocean Disposal Site for sediment disposal using the KOOS KING. Vessels on scene will be Tug AJAX, barges LOS CERRITOS, CARSON ZABEL, and SAND ISLAND. All equipment will be monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to use caution when transiting the area. For more details or comments contact Leroy Zerlang at 707-498-4618.

Chart 18622 LNM: 31/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

BON AIR RD-The City of Larkspur's contractor, Golden State Bridge, has begun replacement of the existing bridge. To facilitate construction a temporary trestle and cofferdams will be installed. The temporary trestle will provide a center creek navigation span for vessels with 20' of horizontal clearance, pile to pile, and 3' of vertical clearance from mean high water to the lowest hittable portion of the trestle (see BonAirRd_Trestle.pdf at the end of this notice for navigation channel location). Work will be conducted Monday through Saturday from 0700-1800. Mariners are urged to use caution when transiting the construction site. For conditions at the construction site, mariners can contact the contractor at 925-953-4610/916-919-2428 or the city at 415-259-7050. For information on this project, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 29/18

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

NEW WOODWARD ISLAND BRIDGE CONSTRUCTION-San Joaquin County's contractor, Dutra, has commenced construction of the new bridge. Work will take place Monday through Saturday, 0700-1700. Two material barges, 50' x 145' and 60' x 175', and two crane barges, 60' x 200' and 54' x 150', will be spudded at various locations during construction, monitoring VHF-FM Chan. 15 and 68A, and can be moved for navigational safety if 4.5 hours notification is given to the contractor. After the workday, the barges will be left on-site. The upstream and downstream corners of each barge will be lighted at night with steady burning red lights. Once installed, each bridge column will be temporarily marked, upstream and downstream, with steady burning red lights. An 80' wide navigational channel, marked by lighted channel buoys, will be available for vessel passage. (See WoodwardConstruction_Lighting.pdf at the end of this notice for the construction lighting configuration). For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 30/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RIO VISTA DRAWBRIDGE- Temporary platforms under the bridge deck, from the east tower to the east levee, reduces vertical clearance in each span by 4'. The upstream and downstream lower edges of the platforms lighted at night with steady burning red lights (See RioPlatform_Lighting.pdf at the end of this notice for platform lighting diagram). For more information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18661 LNM: 30/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1200-2200 on 30 Sep 18, to allow community participation in the Farm-to-Fork Dinner event. The bridge provides 30 ft of vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For further information, contact the Coast Guard Bridge Office at 510-437-3461.

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Chart 18662 LNM: 36/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0800-1100 on 14 Oct 18 for the Making Strides Against Breast Cancer walk. In the event of an emergency, the drawspan can be open with one hour advance notice. The bridge provides 30ft of vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Brfidge Office at 510-437-3515.

Chart 18662 LNM: 36/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 0700-1000 on 06 Oct 18 for the Sacramento Century Challenge ride. In the event of an emergency, the drawspan can be open with one hour advance notice. The bridge provides 30ft of vertical clearance above mean high water when closed. Vessels that can transit the bridge while in the closed position may continue to do so at any time. For more details or comments, contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18662 LNM: 36/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RIO VISTA DRAWBRIDGE - Repairs to the drawspan's machinery is complete and the bridge has resumed normal operations. For further information, contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18661 LNM: 37/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

REPLACEMENT NAVY DR BRIDGE CONSTRUCTION-Construction of the replacement bridge is in progress. Work is conducted Monday through Saturday from 0600 to 1900. Two lanes of the replacement bridge are in place and spans the river. The vertical clearance of the replacement span is greater than the vertical clearance of the existing downstream railroad drawbridge. A north side temporary trestle is in place and provides 33' of horizontal clearance for vessels from the end of the trestle to the southern levee of the river. The depth of water in the temporary channel is approximately 6' at mean high water. The upstream and downstream edges of the trestles, bridge piers, and remaining existing swing span fender will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels. (see Navy_Dr_Lighting.pdf in the enclosure section of this notice). For conditions at the bridge, mariners can contact the contractor at 925-200-9175 or 760-846-5842. For further project information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661 LNM: 35/18

NORTHERN CALIFORNIA-DELTA & RIVERS-STANISLAUS RIVER-BRIDGE

MCHENRY RD BRIDGE REPLACEMENT - Construction on the replacement bridge continues. A temporary bridge, downstream of the replacement bridge, is in place to complete the construction. The downstream temporary bridge will be removed by 05 Oct 19. Waterway users are being directed, via buoy lines, to the opening in the temporary bridge (see enclosure McHenry_Buoy_Line.pdf at the end of this notice). The temporary bridge provides at least 20' of horizontal clearance and 7' of vertical clearance at ordinary high water. The vertical clearance is subject to fluctuation if upstream dam releases increase or decrease. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3516.

LNM: 35/18

NORTHERN CALIFORNIA-MARINA BASIN-DREDGING OPERATIONS

The Salt River Construction Company will commence dredging operations at the San Francisco Yacht Club's Entrance Channel and Marina Basin, County of Marin in position 37-52-00N 122-27-39W until 30 Nov 18. The self-contained dredge/dump barges DB2 and DB4, and the tugs BRANDY BAR and IRENE LAURITZEN will be on the scene and monitoring VHF-FM Chan. 13, 14, and 77. There will be temporary anchor balls placed by Salt River outside the channel entrance of the San Francisco Yacht Club Marina. Mariners are requested to use caution when transiting the area. For more details or comments contact Rick Mosley at 415-435-1024.

Chart 18649 LNM: 30/18

NORTHERN CALIFORNIA-MONTEREY BAY-SANTA CRUZ HARBOR-BRIDGE

RAILROAD BRIDGE/MURRAY-EATON BRIDGE- The fender system on both bridges is damaged. Estimated time of repair unknown. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18685 LNM: 06/18

NORTHERN CALIFORNIA-MOSS LANDING-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 until 31 Dec 18. Vehicles will be deployed in the vicinity of Moss Landing that will operate continuously between latitudes 35-07-12N and 37-12-00N and will extend shoreward as far West as 122-58-35W. Operations consist of scientific ocean data collection. The Waveglider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from MBARI, moving at speeds of ~1kt, and designed to give way or part if encountered by a vessel. It is approximately 6.5' x 2' (surfboard size), yellow in color, with a contact plaque and mast extending 3' above the water surface, supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700, waveglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations at 888-574-4574.

Chart 18685 LNM: 26/18

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

EMBARCADERO RD BRIDGE REPLACEMENT-Bridge replacement construction activities are now in progress from 0700-1700, Monday through

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

Friday until 31 Dec 18. Dry cofferdams have been installed to facilitate removal of the existing bridge and construction of the replacement bridge. The contractor will use 3 to 4, 3' X 7.5' X 30', flexi-float barges during the demolition of the eastern pier (see enclosure Embarcadero_Flexi_Float_Lighting.pdf at the end of this notice). A 66' horizontal clearance for vessels will be maintained during construction. Mariners are urged to use caution when transiting the work site. For on-site conditions contact the contractor at 707-310-0631 and City of Oakland at 510-615-5566 after hours. For more details or comments contact the Coast Guard Bridge Office at 510-347-3515.

Chart 18649 LNM: 20/16

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

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

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

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

Chart 18654 LNM: 10/18

NORTHERN CALIFORNIA-PETALUMA RIVER-BRIDGE

NORTHWESTERN PACIFIC (SMART) BASCULE BRIDGE-The Coast Guard has instituting a second test deviation to determine if a proposed change to the operating schedule that governs the drawbridge is appropriate.

The second test deviation is in effect through 0600 on 18 Oct 18. During this time the draw of the SMART bascule bridge over the Petaluma River, mile 12.4, will open on signal from 0300-2300 if at least a 30-minute notification is given to the drawtender. At all other times, the draw shall be maintained in the fully open position, except for the passage of trains or for maintenance. The drawtender can be reached via marine radio VHF-FM Ch. 09 and 16 or 707-890-8650.

Mariners may submit comments identified by docket number USCG-2018-0091 using Federal eRulemaking Portal at http://www.regulations.gov. Comments and related materials must reach the Coast Guard on or before 01 Nov 18.

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

Chart 18654 LNM: 32/18

NORTHERN CALIFORNIA-PORT OF OAKLAND-DREDGING OPERATIONS

The Dutra group is conducting dredging operations in the Port Of Oakland at 37-55-19N 122-24-40W until 30 Nov 18 . Dredged material will be disposed of at SF-DODS and the Montezuma Wetlands Restoration site in Collinsville. Vessels HEIDI L. BRUSCO, ARTHUR BRUSCO, and SARAH REED will be on scene monitoring VHF-FM Chan 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Superintendent Dennis Salyers 415-497-5289.

Chart 18649 LNM: 35/18

NORTHERN CALIFORNIA-PORT OF STOCKTON-DREDGING

Ross Island Sand and Gravel Co. is conducting dredging in the Port of Stockton until 30 Sep 18 in position 37-57-46N 121-21-58W. Hours of operation will be 10 hours per day, 5 days a week. A submerged dredge pipe will come ashore at Roberts 1 fill site at river mile 37.2.DREDGE 8 will utilize VHF-FM Chan 79 and will be monitoring Chan 13 and 16. For more details or comments contact Mr. Rod Oliva at 503-349-7436.

Chart 18661 LNM: 31/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY- MARINE CONTRUCTION

Manson Construction Co. is conducting marine construction at the San Francisco Structure and Ferry Plaza Deck during weekdays from 0600-1800 until 31 Dec 18. Derrick barge EINAR will be on scene monitoring VHF/FM Chan. 13, 16, and 68. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Project Manager Mr. Chris Schaeffer at 562-533-3708.

Chart 18649 LNM: 20/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

GOLDEN GATE BRIDGE-The Golden Gate Bridge District's contractor, Shimmick/Danny's Joint Venture, has begun installing four 54' temporary under deck platforms, two ~1900' north of the south tower and two ~1900' south of the north tower. Once installed, vertical clearance at the bridge will be reduced in those locations by no more than 14'. As the work progresses, the two outer platforms will be moved towards the towers and the two inner platforms moved towards the centerline of the bridge. The temporary platforms will be lighted at night with all-round red lights (see PlatformLighting_GG_Bridge.pdf at the end of this notice to see the lighting plan and initial locations of the temporary platform). Work is being conducted Monday through Saturday, 0700-1700 and 2100-0500. For conditions at the bridge, mariners can contact the bridge owner at 415-923-2220 or the contractor at 415-716-0384. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 32/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-CHINA BASIN-BRIDGE

THIRD ST DRAWBRIDGE-Rehabilitation of the bridge is anticipated to occur 01 Oct 18 through 01 Oct 19. During rehabilitation the drawspan will be secured in the closed-to-navigation position. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18649 LNM: 30/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-DREDGING

Dutra Construction Company will be conducting dredging operations at the Port of San Francisco in approximate position 37-48-33N 122-24-26W from 15 Sep 18 until 30 Oct 18. Dredged material will be disposed of at SF-11 disposal site. Clamshell DB 24, or DB BEAVER, along with tugs ARTHUR BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649 LNM: 37/18

NORTHERN CALIFORNIA-SAN FRANCISCO-NOAA SURVEY OPERATIONS

NOAA in partnership with Saildrone, Inc. is conducting fisheries acoustic survey operations using two Saildrone Unmanned Surface Vehicles, launched from Neah Bay, WA, sailing to the north end of Vancouver Island BC to begin survey operations. The two vehicles will be working in tandem to run east west transects from the north end of Vancouver Island, BC, Canada to San Francisco, CA over the next 100 days, until 04 Oct 18. The Saildrones will be operating 24/7 with acoustic data collection on transects occurring daily from sunrise to sunset. Mariners are requested to transit the area with caution and maintain a 500 meter separations from Saildrones. For more details or comments about NOAA Missions contact Mr. Larry Hufnagle 206-310-6817 or email lawrence.c.hufnagle@noaa.gov. For more details or comments about Saildrone operations contact Saildrone, Inc. 415-670-9700, Mr. Richard Jenkins, richard@saildrone.com or, Ms. Nora Cohen, nora@saildrone.com.

Charts: 18003 18010 LNM: 25/18

NORTHERN CALIFORNIA-SAN FRANCISCO-NOAA SURVEY OPERATIONS

NOAA, in partnership with Saildrone, Inc., will be conducting fisheries acoustic survey operations using a Saildrone Unmanned Surface Vehicles, launched from Alameda, CA on 10 Aug 18 to survey along the inner shelf between Pt. Reyes and Point Conception. Once the vehicle reaches Point Conception, it will repeat a transect line extending WSW from Point Conception out 200 nautical miles until 04 Feb 19. The Saildrone is a 23 ft. sailing vehicle, painted orange and remotely operated. The Saildrone will operate 24/7 collecting acoustic data. Mariners are requested to transit the area with caution and maintain a 500 meter separation from the Saildrone. For more details or comments about NOAA missions contact Mr. John Crofts 858-546-7150 or email john.crofts@noaa.gov. For more details or comments about Saildrone operations contact Saildrone, Inc. 415-670-9700 or Sience@saildrone.com.

Charts: 18640 18680 18700 LNM: 31/18

NORTHERN CALIFORNIA-SAN FRANCISCO-NOAA SURVEY OPERATIONS

NOAA in partnership with Saildrone, Inc. is conducting fisheries acoustic survey operations using two Saildrone Unmanned Surface Vehicles, departed from Alameda, CA and sailing to Cape Mendocino, CA, to begin survey operations. Saildrones are 23' sailing vehicles, painted orange and remotely operated. The two vehicles will be working in tandem to run east west transects from Cape Mendocino to south of Point Conception, CA over the next 100 days, until 25 Oct 18. The Saildrones will be operating 24/7 with acoustic data collection on transects occurring daily from sunrise to sunset. Mariners are requested to transit the area with caution and maintain a 500 meter separation from Saildrones. For more details or comments about NOAA missions contact Mr. Larry Hufnagle 206-310-6817 or email lawrence.c.hufnagle@noaa.gov. For more details or comments about Saildrone operations contact Saildrone, Inc. 415-670-9700 or Science@saildrone.com.

Chart 18680 LNM: 31/18

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

REPLACED SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI - Piers E19 and E20 have been removed from the waterway. Soundings are being conducted to ensure removal is down to the required elevation. In-water equipment, used in pier removal, is still on-scene and will remain until removal elevation is met. Work continues on converting piers "G" (E2) and E21-E23, for pedestrian access. Work is being conducted 0600 to 1800, Monday through Friday, occasionally Saturday and Sunday, though 31 Jan 19. Either the derrick barge (DB) HAGAR, 150' X 60'; DB OAKLAND, 140' X 70'; or the DB VANCOUVER, 210' X 60', will be anchored/moored in and around the piers. The barges will be left on-scene, unmanned, after the normal workday. If requested, the barges can be moved for the safety of navigation. A temporary trestle has been installed at the Oakland shoreline to pier E22. A temporary gangway has been installed from the YBI shoreline to pier "G" (E2) and 2-10' X 40' spudded flexi-floats just north of pier "G" (E2). The upstream and downstream edges of the temporary trestle and each corner of each barge and flexi-floats are lighted at night with steady burning all-round red lights, visible at 2,000 yards from approaching vessels (See enclosures Barge-Trestle-Lighting_Retention.pdf at the end of this notice for barge locations and lighting plans.) Six buoys remain in place marking a submarine cable. Positions: 37-49-14N, 122-20-13W; 37-49-13N, 122-20-12W; 37-49-12N, 122-20-12W; 37-49-12N, 122-20-11W; 37-49-11N, 122-20-04W; 37-49-11N, 122-20-04W. For conditions at the construction site, mariners can contact the contractor at 510-773-7803, 360-580-3708, 925-326-0768 or Caltrans at 510-772-7895, 510-714-7074, 510-385-6915. To recover a breakaway barge contact 415-495-3191. For further information, contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18649 LNM: 37/18

NORTHERN CALIFORNIA-SAN FRANCISCO-SAN PABLO BAY-UNABLE TO DIS-ESTABLISH

The Coast Guard has been unable to dis-establish the seasonal sound signal for San Pablo Bay Channel Light 15 (LLNR 5940) in accordance with published operational timelines due to the protection of nesting osprey in position 38-03-32-50N 122-17-27-34W. Sound signal will be dis-established as soon as allowable. Mariners are requested to transit the area with caution. For more details or comments contact Aids to Navigation Team San Francisco at 415-399-3517.

Chart 18654 LNM: 16/18

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER-GEOTECHNICAL DRILL TESTING

Gregg Drilling and Testing will be conducting overwater geotechnical investigations from 19 Sep18 until 15 Oct 18 from 0700 to 1900 on the San Joaquin river in the vicinity of the Hwy 5 Bridge in position 37-57-12N 121-18-33W. The R/V QUIN DELTA will be conducting the drill operations and monitoring channels VHF-FM 13, 14 and 16. Mariners are requested to transit the area with caution. For more details and comments contact Captain Tim O'Donnell at 949-254-5190 or BEARatSEA@gmail.com

Chart 18663 LNM: 37/18

NORTHERN CALIFORNIA-SAN JOSE-STORM PUMP CONSTRUCTION

JMB Construction will be conducting construction of the discharge structure for the city of San Jose's Alviso Storm Pump Station until 15 Oct 18 in position 37-25-37N 121-58-00W. There will be no interruption to navigational access along the Alviso Slough or Guadalupe River. For more details or comments contact Sean Quinn at 415-716-0066.

Chart 18651 LNM: 30/18

NORTHERN CALIFORNIA-SAN LEANDRO BAY-BRIDGE

BAY FARM ISLAND HIGHWAY BRIDGE-The south side lower slat on the fender system is missing and metal bolts are exposed. Mariners are urged to transit the bridge with caution. Estimated time of repair, unknown. For further information contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18649 LNM: 37/18

NORTHERN CALIFORNIA-SAN PABLO BAY-MARINE CONSTRUCTION

Dutra Group will be performing marine construction operations along the shoreline of Point San Pablo Bay in position 37-57-55N 122-25-28W until 15 Sep 18. Crane Barge KELSO will be on station and can be reached on VHF-FM Chan 9 and 16. Mariners are requested to use caution when transiting the area. For further comments or questions contact Randahl Hagen at 415-300-5759.

Chart 18654 LNM: 34/18

NORTHERN CALIFORNIA-SANTA CRUZ-HAZARDOUS CONDITIONS

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

Chart 18685 LNM: 46/17

NORTHERN CALIFORNIA-STEAMBOAT SLOUGH-MARINE CONSTRUCTION

Dutra Construction Company will be conducting marine construction operations along the northwestern levee of the Steamboat Slough within the following coordinates 38-18-04N 121-34-50W to 38-18-12N 121-34-44W. Work will continue until 30 Oct 18, 0630-1700. Numerous skiffs will be utilized during this project and the SFO Fire Departments Marine Emergency Response Facility will provide access to the spud-barge during work hours. The waterside barge will be working on VHF-FM Chan 7. Mariners are requested to exercise caution while transiting the area. For more details or information contact Jacob Burke at 415-720-7012.

Chart 18661 LNM: 31/18

NORTHERN CALIFORNIA-SUISUN BAY-DREDGING

Curtin Maritime Corp will conduct maintenance dredging operations within Suisun Bay and New York Slough Channel from 17 Sep 18 through 20 Oct 18. Dredge operations will be conducted 24 hours per day / 7 days per week. Material will be dredged and transported to disposal site SF-16. Support tugs BERNADINE C and SEANA C will monitor VHF-FM Chan. 01, 13, and 14. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Steve Chew at 562-666-6971.

Charts: 18656 18666 LNM: 37/18

NORTHERN CALIFORNIA-SUISUN BAY-MARINE CONSTRUCTION

CS Marine Constructors, Inc. is conducting marine demolition at Avon's Berth 5 at 38-02-54N 122-05-35W until 01 Dec 18. Derrick Barge DB MARE ISLAND and several flat barges will be utilized for the project. DB MARE ISLAND will be anchored/moored alongside the face of the wharf using anchors buoys as far as 275' offshore from the face of the wharf. The corners of the derrick barge will be lighted at night with steady burning all-round red lights. The anchor buoys with be lighted with flashing white lights. DB MARE ISLAND will monitor VHF-FM Chan. 08, 13, and 14. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the demolition site. For more details or comments contact Jeff Thompson at 510-719-1246.

Charts: 18656 18657 LNM: 25/18

NORTHERN CALIFORNIA-SUISUN MARSH-BOAT LOCKS

The California Department of Water Resources will be operating the boat locks at its Suisun Marsh Salinity Control Structure, located 2.2 nautical miles from the easterly end of Montezuma Slough at position 38-05-36N 121-53-07-W, until 31 May 19. Flashboards will be installed across the maintenance channel and vessels passing this structure must use the boat lock. A boat lock operator will be on duty every day. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. VHF-FM Chan. 13 will be monitored during hours of operation. Full instructions on passage including an emergency phone number are posted at the Suisun Marsh Salinity Control Structure. The boat lock is located on the east side of the channel and provides the following clearances: 16' horizontally; 9' over the sill at MLLW; 70' in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights. Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50' out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can at times create currents at the site greater than currents in other areas of Montezuma Slough. For more details or comments contact Dan Yamanaka at 916-574-0456 or dany@water.ca.gov.

Chart 18656 LNM: 29/18

SACRAMENTO RIVER-REDUCED VERTICAL CLEARANCE

Overhead power cables upstream of Sacramento River lights 11 and 12 at 38-03-54N 121-47-09W have a reported reduced vertical clearance to 119.5'.

Chart 18660 LNM: 22/16

SAN CLEMENTE ISLAND-SAFETY ZONES

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

Chart 18762 LNM: 41/16

SAN DIEGO BAY-SPECIAL ANCHORAGE A-1C-OBSTRUCTION TO NAVIGATION

There has been a report of a partially submerged yellow mooring buoy at the easternmost side of special anchorage A-1c near the entrance to America's Cup Harbor at position 32-43-05N 117-13-05W. The yellow mooring buoy is currently marked by a white norwegian fender. Mariners are requested to transit the area with caution. For more details or comments contact Daniel Valentine at 619-686-6371.

Chart 18773 LNM: 34/18

SAN DIEGO CHANNEL-BALLAST POINT-NAVY EXERCISE

The U.S. Navy will be conducting acoustic testing south of Ballast point and west of the San Diego channel from M/V MERLIN from 10-14 Sep 18. M/V MERLIN will monitor VHF-FM Chan. 12, 13, and 16. Four temporary yellow mooring buoys with strobe lights will be located at the following coordinates:
32-36-30N 117-14-12W
32-40-48N 117-14-06W
32-40-42N 117-14-06W
32-40-36N 117-13-54W
Two safety small boats will be on scene daily from 0800-1700. Mariners are requested to keep a safe distance and transit the nearby area with caution. For more details or comments contact Jay Cavalieri at 619-553-9479.

Chart 18773 LNM: 36/18

SAN DIEGO-DIVING OPERATIONS

The U.S. Navy will be conducting diving operations at 32-41-42N, 117-18-36W and 33-23-20N, 118-20-36W until 22 Sep 18. The HOS DOMINATOR will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to remain clear due to risk of entanglement and use caution when transiting the area. For more details or comments contact LT Andrew Stephenson at 619-545-9188.

Charts: 18757 18765 LNM: 36/18

SAN DIEGO-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction on Shelter Island Boat Launch of San Diego Bay at 32-42-54N 117-13-21W until 08 Oct 18. The work will consist of boat launch facility improvements. DB POINT LOMA along with crane barges RES 180, RES 150, tugs KATHA C, KILLEEN, HAROLD M, and CLARENCE D will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Walt Jellison at 619-233-0178.

Chart 18773 LNM: 24/17

SAN DIEGO-OBSTRUCTION TO NAVIGATION

Coronado Cays Channel Daybeacon 17 has been damaged at 32-37-35N 117-07-43W. A portion of the piling remains and the remaining pilling is submerged. A temporary unlit buoy is marking the area. Mariners are requested to transit the area with caution. For more details or comments contact Daniel Bick at 619-423-4353.

Charts: 18765 18772 18773 LNM: 18/17

SAN DIEGO-OCEANOGRAPHIC SURVEY-OCEAN MONITORING

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. Ocean sampling will be conducted in an area bound by the following coordinates:
32-31-55N 117-11-11W
32-32-11N 117-11-58W
32-32-04N 117-12-07W
32-32-33N 117-11-56W

32-40-10N 117-19-23W
32-40-05N 117-19-34W
32-39-37N 117-19-32W
32-39-57N 117-19-39W
32-40-11N 117-16-56W
The M/V OCEANUS and M/V MONITOR III when in the area will monitor VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Mike Kelly at 619-758-2342.

Charts: 18765 18772 LNM: 22/17

SAN FRANCISCO BAY-ALAMEDA NAVAL AIR STATION

Alameda Naval Air Station Channel Lighted Buoy 2 (LLNR 4750) has suffered damage to the tower portion which may affect the nominal range of the installed light. Aid has been verified to be on station and flashing correctly (Fl G 4s) in position 37-46-27.095N 122-20-27.763W. Mariners are requested to transit the area with caution. Report any signs of listing or sinking to USCGC GEORGE COBB at 310-261-2055.

SAN FRANCISCO BAY-ALAMEDA NAVAL AIR STATION

Chart 18649 LNM: 44/17

SAN FRANCISCO BAY-BELVEDERE COVE-SAN FRANCISCO YACHT CLUB-BUOY DEPLOYMENT

Salt River Construction Corporation has deployed two white marker buoys with FL W 2s light at each end of the silt curtain near San Francisco Yacht Club, Belvedere Cove at 37-52-07N 122-27-36W and 37-52-04N 122-27-00W until 30 Nov 18. The silt curtain is being utilized to protect the eel grass while dredging at the San Francisco Yacht Club. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-601-1024.

Chart 18653 LNM: 33/18

SAN FRANCISCO BAY-COYOTE POINT-DRILL TESTING

Gregg Drilling and Testing will be conducting overwater Geotechnical Investigations in Sanchez Channel at 37-35-27N 122-20-17W from 16-18 Sep 18 from 0700-1900. The R/V QUIN DELTA will be conducting the drill operations and monitoring channels VHF-FM Chan. 13, 14 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Captain Tim O'Donnell by phone at 949-254-5190 or e-mail at BEARatSEA@gmail.com.

Chart 18651 LNM: 36/18

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 the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LT Ruth Sadowitz, 510-437-3801 or ruth.a.sadowitz@uscg.mil.

Chart 18649 LNM: 23/15

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

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

Chart 18650 LNM: 16/15

SAN FRANCISCO BAY-SUISUN MARSH-PIPELINE PROJECT

Chevron Pipeline Company will be conducting pipeline operations in the vicinity of Suisun Marsh in Solano County until 01 Nov 18 in an area bound by the following coordinates:

38-04-36N 121-57-45W
38-03-17N 121-57-27W
38-03-09N 121-55-54W
38-05-03N 121-54-42W

Derrick Barge DB-24, and crane barge KELSO will be on scene monitoring VHF-FM Chan. 07A and 16. Mariners are requested to transit the area with caution and minimize wake. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18666 LNM: 25/18

SAN FRANCISCO BAY-TREASURE ISLAND-DRILL TESTING

Gregg Drilling and Testing will be conducting Overwater Geotechnical Investigations in the vicinity of Clipper Cove at 37-49-06N 122- 21-50W from 12-16 Sep 18 from 0700-1900. The R/V QUIN DELTA will be conducting the drill operations and monitoring channels VHF-FM Chan. 13, 14 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Captain Tim O'Donnell by phone at 949-254-5190 or e-mail at BEARatSEA@gmail.com.

Chart 18650 LNM: 36/18

SAN LUIS OBISPO BAY-PISMO BEACH PIER-MARINE CONSTRUCTION

Cushman Contracting Corporation will conduct construction and repair of the City of Pismo Beach Pier in 35-08-17N 120-38-43W until 15 May 19. Divers will be utilized during removal of the timber piles. Mariners are requested to transit the area with caution. For more details or comments contact Doug Bell, Construction Site Superintendent 661-703-1610.

Chart 18700 LNM: 30/17

SAN PABLO BAY-CARQUINEZ STRAIT-SUBMERGED OBSTRUCTION

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

Charts: 18654 18655 LNM: 47/17

SAN PABLO BAY–CARQUINEZ STRAIT

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

Charts: 18654 18655 LNM: 38/17

SANTA CRUZ-GEOPHYSICAL SURVEY

SANTA CRUZ-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Science Center (PCMSC) will be conducting geophysical surveys from Santa Cruz to Moss Landing until 12 Oct 18. A bathymetric survey using two personal watercraft, each equipped with a 200 kHz single beam echo sounder, will conduct cross shore transects from within the surf zone out to 1200m from shore to document the effects of large wave events on seafloor morphology. Two of the following operational windows will be chosen based on scheduling and conditions.
24-28 Sep 18
08-12 Oct 18
Mariners are requested to transit the area with caution. For more details or comments contact Jenny White at 831-460-7485.

Chart 18680 LNM: 44/17

SANTA MONICA BASIN-SURVEY OPERATIONS

Fugro will be conducting a side scan sonar survey from the M/V NORSEMAN II in Santa Monica basin from 12-30 Sep 18 during daylight hours (see Santa Monica survey.pdf in the enclosure section for a more detailed location). The M/V NORSEMAN II will be towing up to 1,000 meters of cable during mapping operations. M/V NORSEMAN will be on scene monitoring VHF-FM Chan. 16 and will maneuver during operations, mariners are requested to transit the area with caution. For more details or comments contact Eddie Stutts or Cindy Pratt at 805-650-7000.

Chart 18721 LNM: 36/18

SANTA MONICA-MARINE CONSTRUCTION

L-3 Maripro will be conducting subsea constructions offshore of Santa Monica Bay in an area bound by the following coordinates 34-00-37N 118-34-23W, 34-00-33N 118-34-14W, 34-00-34N 118-34-25W and 34-00-30-N 118-34-16W until 30 Sep 18. Work will include deploying 36 concrete vaults from the Curtin Maritime Barge SALTA VERDE, tended by up to three tugboats tug SARAH C, SEANA C, AND BERNARDINE C. The SoCal Ship Services CREW BOAT RAVEN will be supplying daily marine transportation from Marina Del Rey and the offshore worksite. Remotely Operated Vehicle (ROV) and diving operations will also be conducted daily from the barge. Barge SALTA VERDE, and tugs SARAH C, SEANAC BERNARDINE C will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Program Manager Chuck Ebner at 805-637-3204

Chart 18744 LNM: 32/18

SOUTHERN CALIFORNIA-ANAHEIM BAY-SEAL BEACH-SHOALING

Shoaling has been reported of 36' MLLW on the eastern side of the breakwater in vicinity of 33-43-33N 118-06-00W, deepest water reported entering Seal Beach is 20-30' left of centerline. Mariners are requested to transit the area with caution. For more details or comments contact Albert Rosales at 562-626-7206.

Chart 18749 LNM: 05/18

SOUTHERN CALIFORNIA-CARLSBAD-ROV SURVEY

Merkel & Associates will be conducting sidescan sonar and ROV surveys in waters from -50' MLLW to the surf zone. Surveys will be conducted on approximately 3 days until 30 Sep 18 in position 33-08-30N 117-20-32W. Work will be conducted from a 22' Weldcraft Ocean King (CF 3862 UC). The survey vessel will be traveling at slow speeds parallel to shore with limited mobility. Project vessel will be monitoring VHF-FM Chan. 16. For more details or comments contact Keith Merkel 858-560-5465.

Charts: 18740 18774 LNM: 35/18

SOUTHERN CALIFORNIA-CHANNEL ISLANDS-HYDROGRAPHIC SURVEY

NOAA will be conducting hydrographic survey operations within the Channel Islands National Marine Sanctuary around the islands of Santa Rosa and Santa Barbara from 25 Sep 18 until 02 Nov 18. M/V RAINIER along with four 28 ft, survey vessels will be conducting survey operations. Survey operations will be conducted at approximately 10 knots and 8 knots for launches survey lines during daylight hours. Mariners are requested to transit the area with caution and maintain a 500 meter CPA for all survey launches, and a 1 nm CPA from the M/V RAINIER. Survey operations will occur within a region bounded by the following coordinates:
34-08-00N 120-29-30W
34-07-00N 119-43-30W
33-26-00N 118-56-15W
33-26-00N 119-09-00W
The M/V RAINIER will be monitoring VHF-FM Chan. 13 and 16. For more details or comments contact LT Andrew Clos or LT Hadley Owen at 541-867-8921, 808-659-0049 or Ops.rainier@noaa.gov.

Charts: 18727 18728 18729 18756 LNM: 37/18

SOUTHERN CALIFORNIA-ENCINITAS-DREDGING

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

Chart 18774 LNM: 02/18

SOUTHERN CALIFORNIA-ESTERO BAY-CABLE SURVEY

EGS Americas Inc will be conducting geophysical survey operations off of Grover Beach, CA from 20-28 Sep 18 and at Estero Bay, CA from 29 Sep 18 until 10 Oct 18. During cable route surveys M/V JAB will be stern towing a subsea sonar device approximately 50m behind the vessel in a 500m wide corridor from the shore to these cooardinates 35-25-00N 120-06-00W and 35-01-00N 120-38-00W. Mariners are asked to keep clear at least 1 mile away from the vessel while it is working. M/V JAB will be on scene monitoring VHF-FM Chan 16. For more details or comments contact Eric Roach at 772-341-9286.

Charts: 18700 18703 18720

SOUTHERN CALIFORNIA-ESTERO BAY-CABLE SURVEY

LNM: 37/18

SOUTHERN CALIFORNIA-ESTERO BLUFFS STATE PARK-SUBMERGED ANCHOR CABLE

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

Chart 18703

LNM: 43/17

SOUTHERN CALIFORNIA-IMPERIAL BEACH-WAVERIDER BUOY

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

Chart 18765

LNM: 35/18

SOUTHERN CALIFORNIA-LONG BEACH-DREDGE OPERATIONS

The Port of Long Beach will conduct dredging operations for the Middle Harbor Redevelopment project in the vicinity of 33-45-18N 118-12-42W until 30 Sep 18 for the East Basin Sediment trap, Berth F, and Berth E. Tug JEFFERY M and tug ELMER M will monitor VHF-FM Chan. 13,16, and 66. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Thomas Stephens at 904-502-7787.

Chart 18751

LNM: 09/18

SOUTHERN CALIFORNIA-LOS ANGELES-HYDROGRAPHIC SURVEY

NOAA ship RAINIER will be conducting a hydrographic survey operations of the approaches to the ports of Los Angeles and Long Beach, CA. until 21 Sep 18. RAINIER is a 231' white hulled vessel, and deploys three 28' hydrographic survey launches for inshore work. Request that no vessel come within 200 yards during surveying operations due to being restricted in ability to maneuver. RAINIER and small boats will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact LT Andrew Clos or LT Hadley Own at 541-867-8921.

Charts: 18749 18751

LNM: 35/18

SOUTHERN CALIFORNIA-LOS ANGELES-MARINE CONSTRUCTION

Connolly-Pacific Co. is conducting repairs to the breakwater for Los Angeles and Long Beach Harbors until 28 Feb 19. Derrick barges LOS ANGELES and LONG BEACH will be used to place stone along the middle and Long Beach breakwater along with tug DURRANGO. Derrick barges LOS ANGELES and LONG BEACH along with tug DURRANGO will be on site monitoring VHF-FM Chan. 13, 16, 79 and 80. Mariners are requested to transit the area with caution. For more details or comments contact Tim Kemp at 562-577-0724 or Ron Allard at 562-577-0814.

Chart 18751

LNM: 04/18

SOUTHERN CALIFORNIA-MARDI GRAS VILLAGE-MARINE CONSTRUCTION

Marine Taxonomic Services, Ltd. will be maintaining a seawall 385’ long for the city of Coronado, California in the vicinity of 32-36-36N 117-07-57W until 31 Oct 18. No waterborne vessels will be utilized. Mariners are advised to transit the area with caution. For more details or comments contact Dan Bick at 619-253-9106.

Chart 18773

LNM: 22/18

SOUTHERN CALIFORNIA-MISSION BAY-BRIDGE

WEST MISSION BAY DRIVE (GLENN RICK) BRIDGE- Replacement of an underdeck pipeline is currently underway. Work will be conducted Monday through Friday, 0700-1700, through 31 May 19. A 35ft-wide mobile work platform will be utilized at various locations below low steel of the bridge and will temporarily reduce vertical clearance by 6ft. The temporary work platform will located offsite after normal working hours. Lighted buoys have been placed in the channel marking the area of work. Mariners are urged to use caution while transiting the work site. For onsite conditions contact the contractor at 619-726-3136. For further information, contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18765

LNM: 36/18

SOUTHERN CALIFORNIA-MORRO BAY-UNDERWATER OPERATIONS

Associated Pacific Constructors is conducting underwater operations in support of the Dynegy Morro Bay tanker berth pipeline decommissioning until 05 Oct 18 around position 35-22-40N 120-52-35W. D/B SAN DIEGO will be moored in a 4-point mooring configuration and supported by TUG HILDAGO. Barge PTS-1 will be moored in a single point mooring nearby and supported by TUG BLARNEY. Five anchors will be marked by white mooring buoys with lights. Vessels are requested to maintain a minimum safe distance of 500'. The vessel will monitor VHF-FM Chan. 16. All mariners are requested to transit the surrounding area with caution. For more details or comments contact Mark Steffy at 805-649-9364.

Chart 18703

LNM: 33/18

SOUTHERN CALIFORNIA-NAVAL BASE SAN DIEGO-CONSTRUCTION

Marathon Construction Corporation will be conducting demolition and repair of Naval Base San Diego Pier 13 in position 32-39-43N 117-07-23W, until May 2019. Work will consist of removing all marked underdeck spall locations, removal of steel fendering system, installation of new fendering system, and repair of octagonal piles under pier. A 60’x120’ crane spud barge will be spudded and anchored adjacent to Pier 13. A 50’x100’ material spud barge, 30’x60’ material barge, and 28’x90’ material barge will be moored next to the crane barge on site. The crane barge will have deployed anchors and anchor buoys. Mariners are requested to transit at their slowest safe speed to minimize wake and proceed with caution when passing. For further details or comments contact Marathon Construction’s project manager Tim Meyer 619-843-8975 or project

SOUTHERN CALIFORNIA-NAVAL BASE SAN DIEGO-CONSTRUCTION

superintendent Michael Mickey 619-954-4780.

Chart 18773 LNM: 21/18

SOUTHERN CALIFORNIA-NEWPORT BAY-BRIDGES

BALBOA ISLAND BRIDGE-The southwest clearance gauge is damaged and the northeast clearance gauge numbers are faded. Estimated time repair unknown.

LIDO ISLE BRIDGE-The north side clearance gauge numbers are faded. Estimated time of repair unknown.

NEWPORT BLVD (THE ARCHES)-The eastside clearance gauge is fouled and numbers faded. Estimated time of repair unknown.

For further information, contact the Coast Guard Bridge Office at 510-437-3514.

Chart 18754 LNM: 18/18

SOUTHERN CALIFORNIA-NEWPORT BEACH HARBOR-DREDGING OPERATIONS

Associated Pacific Constructors Inc. will be conducting dredging operations in Newport Beach Harbor until 15 Nov 18. Operations will include three barges 80'x24', two excavator dredge barges, approximately 32'x 110', two tugs, small skiffs, and temporary moorings. There will be primary and secondary temporary mooring areas set. Primary mooring area will be at 33-37-10N 117-53-56W, and secondary will be at 33-36-39N 117-54-18W. Two Mooring cans 40"x12' will mark these locations and painted white with green stripe and single yellow light. Moored vessels will have flashing yellow markers on the bow and stern. All vessels will be on scene and monitoring VHF-FM Chan. 10 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Paul Gillen at 805-234-5055.

Chart 18754 LNM: 32/18

SOUTHERN CALIFORNIA-POINT ARGUELLO-POINT CONCEPTION-SURVEY

The M/V CLEAN OCEAN will be conducting underwater pipeline inspection work with an ROV between Point Arguello and Point Conception until15 Sep 8. (See enclosure Conception-Arguello.pdf) The operations will include ROV pipeline inspections conducted on a 24 hour per day basis. M/V CLEAN OCEAN will be monitoring VHF-FM Chan. 16 and bridge phone 805-218-3023. For more information or comments contact Jason Smith at 805-676-4330 or 805-205-3156.

Charts: 18720 18721 LNM: 35/18

SOUTHERN CALIFORNIA-POINT CONCEPTION-NOAA BUOY DEPLOYMENT

The National Oceanic and Atomospheric Administration (NOAA) and Pacific Marine Environmental Laboratory (PMEL) have deployed 2 oceanographic research buoys near Point Conception in the vicinity of position 34-27-30N 120-41-00W. Mariners are requested to keep a sharp lookout. For more details or comments contact Danny Devereaux at 206-526-6177.

Charts: 18700 18720 LNM: 35/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

Naval Air Systems Command will be deploying an atmospheric sampling buoy in position 34-05-16N 119-07-44W until 31 Oct 18. Buoy is displaying Fl 1 Y 4s. For more details or comments contact Roberto Garcia at 805-989-5040.

Charts: 18720 18725 LNM: 31/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

Scripps Institution of Oceanography has deployed an atmospheric sampling buoy south of Point Mugu, CA in position 34-03-46N 119-09-18W. The yellow buoy will be exposed 10' above the waterline and will be flashing Fl 1 Y 4s. For more information or comments contact Lisa Hazard at 858-822-2873.

Charts: 18720 18725 LNM: 26/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

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

Charts: 18720 18725 LNM: 26/18

SOUTHERN CALIFORNIA-POINT MUGU-BUOY DEPLOYMENT

Scripps Institution of Oceanography has deployed a buoy 20nm south of Point Mugu State Park at 33-42-14N 119-00-14W until 27 Sep 18. The wave buoy is a 3' diameter sphere with an attached telemetry whip antenna and a night time yellow color warning flashing light. The light timing FL(5) Y 20s. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032. Mariners are requested to transit the area with caution. For more details or comments contact Julie Thomas at 858-534-3032.

Chart 18720 LNM: 40/17

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

BEING REPLACED SCHUYLER HEIM BRIDGE DEMOLITION – Two trestles are in place at the bridge removal site, providing 75' of horizontal clearance for vessels. The upstream and downstream edges of the trestles are lighted at night with steady burning red lights. Piers 27-28, of the being replaced bridge, have been partially removed, down to approximately 17' below mean low water. Turbidity curtains have been installed around the in-water piers during pier removal. The curtains lining the navigational channel through the trestles are on the outside of the channel, behind the trestle wall, away from passing vessels. Vessel prop wash should be controlled to avoid damaging the turbidity curtains.

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

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION – Two temporary eastern trestles remain in place at the replacement bridge site. The main navigation span of the bridge, between the temporary trestles, provides 47' of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75' of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Trestle_Lighting_Heim.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities are taking place from 0700 to 1530, Mon-Fri. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution.

Chart 18749 LNM: 10/15

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

VINCENT THOMAS BRIDGE – Painting of the under deck of the bridge is in progress. A 100' long platform has been erected below low steel of the bridge, just to the east of the west channel margin red light, reducing vertical clearance by 6'. Once a 100' section is complete the platform will be moved to the east 100' and work continued. The platform will migrate towards the east until it reached 100' west of centerline of the bridge span. Each corner and every 20' along the upstream and downstream side of the platform will be lighted at night with steady burning red lights (see V_Thomas_Platform_Lighting.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 further information contact the Coast Guard Bridge Office at 510-437-3516.

GERALD DESMOND BRIDGE REPLACEMENT PROJECT - Superstructure construction continues inboard of each replacement bridge tower towards the navigable channel. Work may extend over the margins of the waterway but not over the designated navigation channel. All vessels transiting the replacement bridge site should use the center of the navigation channel. For conditions at the construction site, mariners can contact the SFI Water Traffic Coordinator at 562-240-9413 or by VHF-FM Chan. 16 and 74. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18749 LNM: 30/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE

CORONADO BAY BRIDGE - Caltrans is conducting dive operations on piers in the vicinity San Diego Bay Bridge and Coronado Bay of the bridge until 14 Sep 18. The dive vessel is a 33' aluminum landing craft with heavy equipment on the deck. Diver's umbilical hose may be floating at or near the surface, adjacent to the vessel. All approaching vessels should contact the vessel-OFFICIAL BUSINESS- on VHF-FM Chan 16 or by cell 916-712-4088, approximately 30 minutes before transiting the bridge dive site. Extreme caution should be use when passing though the bridges. For further information, mariners can contact the Coast
Guard Bridge Office at 510-437-3515.

Chart 18773 LNM: 34/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-BRIDGE

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

Charts: 18772 18773 LNM: 20/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-CONSTRUCTION

R.E. Staite Engineering Inc and Pacific Building Group will be conducting marine construction at the Portside Pier position 32-43-09N 117-10-25W until 30 Sept 18. Crane barges RES 180 with AMERICAN 11320 and RES 150 with LINKBELT 418 and deck barge RES 210 along with support barges will be perfoming this work in conjunciton with the JEANNIE R and TUG KILLEEN. All equipment will monitor VHF-FM Chan 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For concerns or comments contact project manager David McNiff at 858-552-0600 or Erick Myers at 619-233-0178.

Charts: 18772 18773 LNM: 24/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-CONSTRUCTION

R.E. Staite Engineering Inc will be conducting marine construction at NASSCO Berth 6 at position 32-41-01N 117-08-02W until 15 Sep 18. Crane barges RES 150 with LINKBELT 418 along with support barges will be performing this work in conjunction with the JEANNIE R and TUG KILLEEN. All equipment will monitor VHF-FM Chan 16. Mariners are requested to transit at lowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For concerns or comments contact project manager Brian Goerres at 619-481-1429 or Erick Myers at 619-233-0178.

Charts: 18772 18773 LNM: 27/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction on Intrepid Boat Works travel lift pier near Shelter Island in the vicinity of 32-43-16N 117-13-38W until 31 Oct 18. Crane barge RES 180 along with 3 support barges, tugs KILLEEN, and JEANNIE R will be on site monitoring VHF-FM Chan. 16 for passing arrangements. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Erick Myers at 619-233-0178.

Chart 18773 LNM: 15/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

R.E. Staite Engineering Inc. is conducting marine construction until 31 Oct 18 on Naval Base Point Loma in the vicinity of 32-42-19N 117-14-09W. Crane barge RES 150 (150' x 42') along with tugs KILLEEN and JEANNIE R will be on site monitoring VHF-FM Chan. 16 for passing arrangements. Mariners are requested to transit the area with caution and minimize wake in vicinity of the site. For more details or comments contact construction

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

manager Taylor Evans at 858-537-0557 or the project manager Erick Myers at 619-233-0178.

Chart 18765 LNM: 18/18

SOUTHERN CALIFORNIA-SAN DIEGO BAY-MARINE CONSTRUCTION

Port of San Diego will be conducting pier repair operations on the Broadway Pier located at 1000 N. Harbor Drive San Diego, CA beginning on 18 Sep 18. A crane on barge will be used waterside for removal and installation of the repairs. The work barge will be monitoring VHF-FM Chan. 13, 14, and 16. Mariners are requested to transit the area with caution. For more details or comments contact Dave McCargar 619-686-8190 or dmccargar@portofsandiego.org.

Chart 18773 LNM: 37/18

SOUTHERN CALIFORNIA-SAN DIEGO COUNTY-GEOGRAPHICAL SURVEY

Merkel & Associates will be conducting geographical survey operations between Encinitas to Del Mar, San Diego County from 14 Sep 18 until 14 Nov 18. (See enclosure Encinitas to Del Mar survey.pdf) The operations will be conducted from a 22 ft weldcraft surveying vessel. The surveying vessel will have limited mobility and will conduct parallel courses along the shoreline at speeds between 2 to 6 knots. Mariners are requested to transit the area with caution. The servicing vessel on scene will be monitoring VHF-FM Chan 16. For more details or comments contact Keith Merkel at 858-560-5465.

Chart 18740 LNM: 37/18

SOUTHERN CALIFORNIA-SAN DIEGO RIVER-BRIDGE

WEST MISSION BAY DRIVE BRIDGE- The City of San Diego has begun replacement of the existing bridge A temporary work trestle is being constructed to facilitate replacement of the existing bridge. The temporary trestle will provide a vertical clearance of 8' over Mean Sea Level, and a horizontal clearance of 30' between piers. Scheduled completion date of the bridge replacement project is November 2021. Mariners are urged to use caution while transiting the replacement bridge work site. For further information, mariners can contact the Coast Guard Bridge Office at 510-437-3461.

Chart 18765 LNM: 30/18

SOUTHERN CALIFORNIA-SAN DIEGO-MARDI GRAS VILLAGE

Marine Taxonomic Services, Ltd. will be conducting headwall construction in the vicinity of Mardi Gras Village Seawall in position 32-36-39N 117-07-57W until 31 Oct 18. Construction activities will occur over accessible beach located in intertidal area during low tide. Mariners are requested to transit the area with caution. For more details or comments contact Dan Bick at 619-253-9106.

Chart 18773 LNM: 24/18

SOUTHERN CALIFORNIA-SAN DIEGO-MARINE EVENT

Thunderboats Unlimited, Inc will sponsor the San Diego Bayfair 2018 racing event in Mission Bay from 0600-1800, 14-16 Sep 18. Approximately 100 powerboats will participate. De Anza launch ramp will be closed, but the Cove water area will remain open to the public and there will be escorts available during intermissions, from Fisherman's Channel to De Anza Cove as the race schedule permits. A special local regulation has been established encompassing the navigable waters of Mission Bay to include Fiesta Island, the east side of Vacation Isle, and Crown Point Shores. Mariners will be prohibited from transiting through the special local regulation during this event. For more details or comments contact Mr. Bob Davies at 619-572-6274, or during the event contact COURSE CONTROL on VHF-FM Chan. 66.

Charts: 18772 18773 LNM: 37/18

SOUTHERN CALIFORNIA-SAN DIEGO-MARINE EVENT

The Swoop Challenge APS will sponsor the Swoop Freestyle FAI World Championships event involving 18 participants competing in a parachuting competition in San Diego Bay 1200-1900 on 14-15 Sep 18. A special local regulation has been established encompassing the navigable waters bound landward of a line by coordinates starting north at Embarcadero Marina Park South located at 32-42-09N 117-09-49W and ending south at 10th Ave. Marine Terminal located at 32-42-03N 117-09-40W. Mariners will be prohibited from transiting through the special local regulation area during this period. For more details or comments contact Mr. Jesper Gammelby at 185-886-9130.

Charts: 18772 18773 LNM: 37/18

SOUTHERN CALIFORNIA-SAN DIEGO-MARINE EVENT

Dolphin Safe Events is sponsoring a swim race involving approximately 500 swimmers from 0530-1030 on 16 Sep 18. Swimmers start at Oceanside Pier and end at the Oceanside Harbor Public Boat Launch. There is no safety zone established for this event. Mariners are requested to transit the area with caution and share the waterway with event participants. For more details or comments contact Brian Long at 760-415-3329.

Charts: 18758 18774 LNM: 37/18

SOUTHERN CALIFORNIA-SAN DIEGO-ROV OPERATIONS

The Coastal Observing Research and Development Center (CORDC); Scripps Institution of Oceanography (SIO); UC San Diego is conducting continuous autonomous, unmanned maritime vehicle operations until 16 Dec 18. The Wave Glider vehicles will operate between the following coordinates:

32-52-04N 117-24-36W
32-57-00N 117-24-36W
32-57-00N 117-18-00W
32-52-04N 117-18-00W

The Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of 1kt, and designed to give way or part if encountered by a vessel. It is a surfboard size, yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution.

SOUTHERN CALIFORNIA-SAN DIEGO-ROV OPERATIONS

For more details or comments contact Coastal Observing Research and Development Center (CORDC), Scripps Institution of Oceanography (SIO) Lisa Hazard at 619-787-0945 or lhazard@ucsd.edu.

Chart 18765

LNM: 28/18

SOUTHERN CALIFORNIA-SAN DIEGO-US NAVAL BASE POINT LOMA-DOCKING OPERATIONS

The U.S. Navy will be conducting docking operations in the vicinity of San Diego Bay at 32-41-17N 117-14-02W from 0600-1000 on 20 Sep 18. ARCO will be on scene monitoring VHF-FM Chan 14. Mariners are requested to observe a 700yd no-wake zone when transiting the area. For more details or comments contact Commander Submarine Squadron Eleven Command Duty Officer at 619-571-5136

Chart 18773

LNM: 37/18

SOUTHERN CALIFORNIA-SAN PEDRO-MARINE OPERATIONS

The Boeing Company will be conducting sea trials for an extra-large unmanned underwater vehicle (XLUUV) called ECHO VOYAGER from the surface to the sea floor from 10 Sep 18 until 21 Dec 18 in the areas bound by the following coordinates:
OPAREA 1:
33-42-42N 118-19-55W
33-39-46N 118-21-36W
33-41-13N 118-24-03W
33-43-48N 118-22-48W

OPAREA 3:
33-26-33N, 118-26-55W
33-25-33N, 118-23-59W
33-25-35N, 118-21-19W
33-29-14N, 118-18-35W
33-31-34N, 118-23-31W
33-28-10N, 118-26-55W
During operations, AMERICAN ISLANDER will be restricted in its ability to maneuver and are requesting mariners to keep 500 yds distance from the XLUUV and M/V AMERICAN ISLANDER. M/V AMERICAN ISLANDER and Range Boat SB2 will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Project Engineer Ross Peterson at 714-262-1580.

Chart 18022

LNM: 25/18

SOUTHERN CALIFORNIA-SANTA BARBARA-ROV OPERATIONS

Aqueos Corporation will be conducting underwater pipeline inspection off of Platform Holly to the shoreline from 13 Sep 18 until 23 Sep 18. (see santabarbararov.pdf at the end of this notice for exact location). The M/V DANNY C 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 18720

LNM: 37/18

SOUTHERN CALIFORNIA-SEAL BEACH-PIER CONSTRUCTION

John S. Meek Co., Inc. will conduct operations for the Seal Beach Pier Improvements. The project is located in Seal Beach, CA in position 33-44-07N 118-06-32W until 31 Mar 19. The project involves rebuilding the offshore end of Seal Beach Pier and updating of utilities and the driving of timber piles. Most of the work will occur from the pier deck, water work will consist of small work floats and skiffs to support the work in the area adjacent to the pier. Mariners are requested to transit the area with caution. For more details or comments call Josh Jilk at 310-505-6905.

Chart 18749

LNM: 35/18

SECTION VIII - LIGHT LIST CORRECTIONS

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

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

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

REPORT OF DELAY AT DRAWBRIDGE

Delay_Report_11-2017.pdf

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

SOUTHERN CALIFORNIA-SANTA BARBARA-ROV OPERATIONS

santabarbararov.pdf
See link above.

LNM: 37/18

NORTHERN CALIFORNIA-OAKLAND INNER HARBOR-LAKE MERRITT CHANNEL-BRIDGE

Embarcadero_Flexi _Float_Lighting.pdf
See link above.

LNM: 20/16

SAN CLEMENTE ISLAND-SAFETY ZONES

MSSB 02-16 SCI Safety Zone.pdf
See link above.

LNM: 41/16

NORTHERN CALIFORNIA-DELTA & RIVERS-SAN JOAQUIN RIVER-BRIDGE

Navy_Dr_Lighting.pdf
See link above for temporary trestle lighting, pier lighting and thier locations.

LNM: 25/18

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

V_Thomas_Platform_Lighting.pdf Barge_Lighting_GeraldDesmond.pdf
See link above for platform lighting for Vincent Thomas and Barge Location and Lighting for Gerald Desmond

LNM: 29/17

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

McHenry_Bouy_Line.pdf
See link above for buoy line location.

LNM: 50/17

NORTHERN CALIFORNIA-SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

Barge-Trestle-Lighting_Retention.pdf
See links above for barge, temporary trestle, flexi-float, and gangway lighting and locations at the replaced SFOBB.

LNM: 16/18

NORTHERN CALIFORNIA-SAN FRANCISCO BAY-BRIDGE

PlatformLighting_GG_Bridge.pdf
GOLDEN GATE BRIDGE-Temporary Platform Location and Lighting

LNM: 32/18

SOUTHERN CALIFORNIA-SANTA BARBARA CHANNEL-SPEED REDUCTION

whale zone turverey.pdf
See link above.

NORTHERN CALIFORNIA-DELTA & RIVERS-MIDDLE RIVER-BRIDGE

WoodwardConstruction_Lighting.pdf
See link above for typical barge location and lighting, bridge column lighting and channel markers.

LNM: 27/18

SOUTHERN CALIFORNIA-POINT ARGUELLO-PIPELINE INSPECTION

POINT ARGUELLO.pdf
See link above concerning M/V CLEAN OCEAN

LNM: 28/18

NORTHERN CALIFORNIA-DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

RioPlatform_Lighting.pdf
See link above for under deck platform lighting at the Rio Vista Drawbridge.

LNM: 28/18

NORTHERN CALIFORNIA-CORTE MADERA CREEK-BRIDGE

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

LNM: 29/18

SOUTHERN CALIFORNIA-SANTA BARBARA-SURVEY

Santa Barbara Survey.pdf
See link above concerning M/V CLEAN OCEAN.
Chart 18721

LNM: 34/18

SOUTHERN CALIFORNIA-POINT ARGUELLO-POINT CONCEPTION-SURVEY

Conception-Arguello.pdf
See article abve concerning pipeline inspection near Point Conception.
Charts: 18720 18721

LNM: 35/18

SANTA MONICA BASIN-SURVEY OPERATIONS

Santa Monica survey.pdf
See link above.

LNM: 36/18

SOUHERN CALIFORNIA-SAN DIEGO COUNTY-GEOGRAPHICAL SURVEY

Encinitas to Del Mar survey.pdf
See link above.

LNM: 37/18

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

Trestle_Lighting_Heim.pdf Pier_Removal_Plan_Drawing.pdf
See link above

LNM: 45/11

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

HAUSNER.CARL.T.1171474031
Digitally signed by HAUSNER.CARL.T.1171474031
Date: 2018.09.13 10:35:38 -07'00'

C.T. Hausner
U.S. Coast Guard
Acting 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) Fax: (510) 437-5836 Email: Carl.T.Hausner@uscg.mil
Eleventh Coast Guard District
Coast Guard Island, Building 50-2
Alameda, CA 94501-5100
Attn: Bridge Office

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

September 7, 2018

United States Coast Guard
11th Division
Coast Guard Island
Alameda, CA 90802
Notice to Mariners

Email: D11LNM@uscg.mil

Reference: **Vessel ROV Operations Notice to Mariners**

On or about September 13, 2018 the M/V Danny C; official number 506332; call sign WBE8593 will be conducting underwater pipeline inspection work. The operations will include ROV Operations off Platform Holly to shore. The Danny C will be operating in live boat mode and operations will be conducted on a 12 hour per day basis, the Danny C will transit to dock or mooring at night.

Start Date: September 13, 2018 to September 23, 2018
Owner: Beacon West
Duration of Project: Approximately 5 days

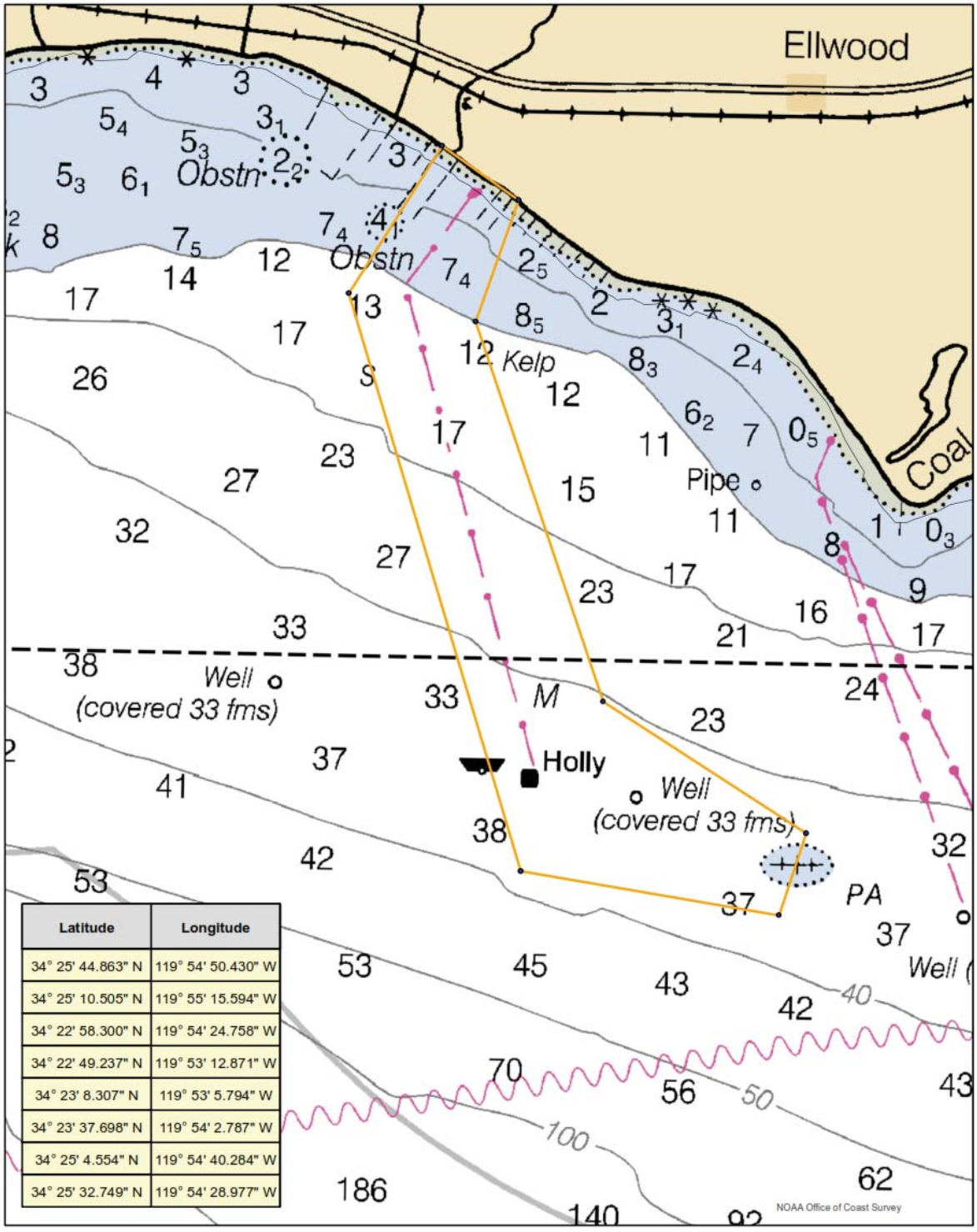
Location: Please see attached Maps

We appreciate your assistance in this regard and should you have any questions please do not hesitate to contact the undersigned @ (805) 676-4330 or 805-205-3156.

Sincerely,
Aqueos Corporation
Jason Smith
Project Manager

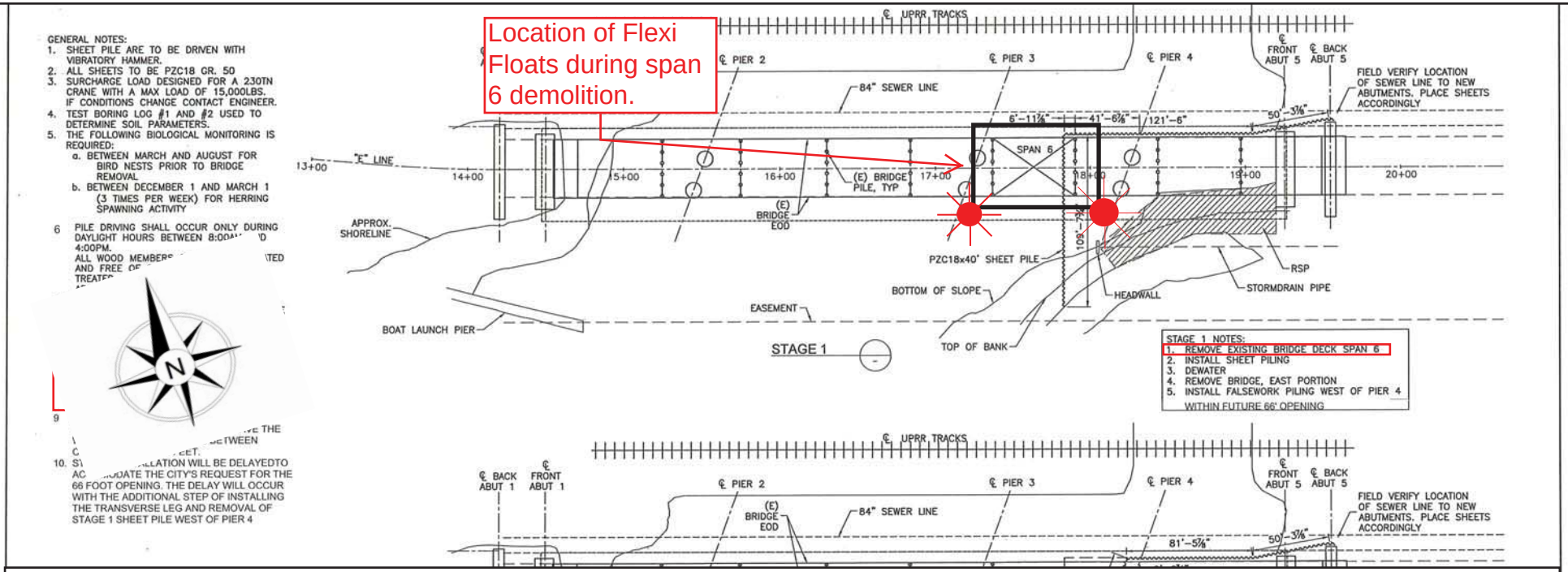
NOAA Nautical Chart 18720 with Proposed Survey Area

Venoco ROV Pipeline Inspection
Offshore Santa Barbara County, California



Latitude	Longitude
34° 25' 44.863" N	119° 54' 50.430" W
34° 25' 10.505" N	119° 55' 15.594" W
34° 22' 58.300" N	119° 54' 24.758" W
34° 22' 49.237" N	119° 53' 12.871" W
34° 23' 8.307" N	119° 53' 5.794" W
34° 23' 37.698" N	119° 54' 2.787" W
34° 25' 4.554" N	119° 54' 40.284" W
34° 25' 32.749" N	119° 54' 28.977" W

Embarcadero Road Bridge Replacement Project, Mile 0.17, Lake Merritt Channel
Typical Flexi-Float Barge Lighting



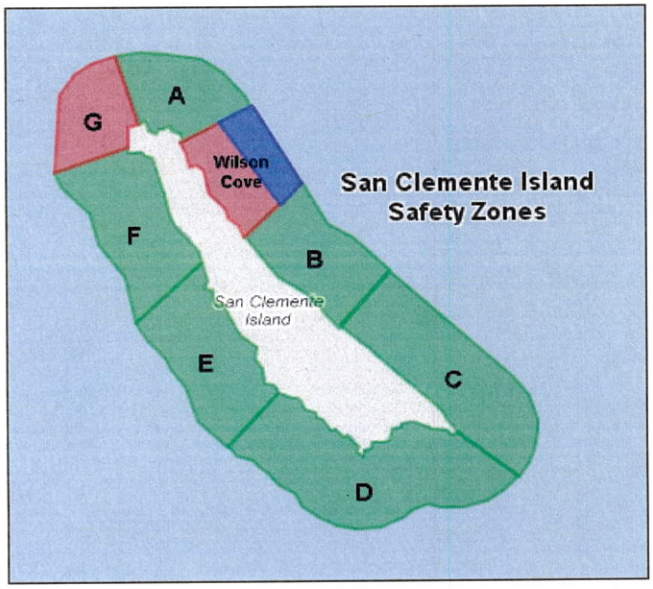
City of Oakland Contractor intends to use 3 to 4, 3 foot X 7.5 foot X 30 foot, flexi-float barges during the demolition of the eastern pier of the existing Embarcadero Rd Bridge. The downstream corners of each flexi-float barge shall be lighted at night with steady all-round red lights.

Maritime Safety and Security Bulletin: 02-16

Effective Date: October 3, 2016

U. S. Coast Guard Sector San Diego
2710 North Harbor Drive
San Diego, CA 92101
Phone: (619) 278-7241/7262
Fax: (619) 278-7235

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



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

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancelations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to $40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential.

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

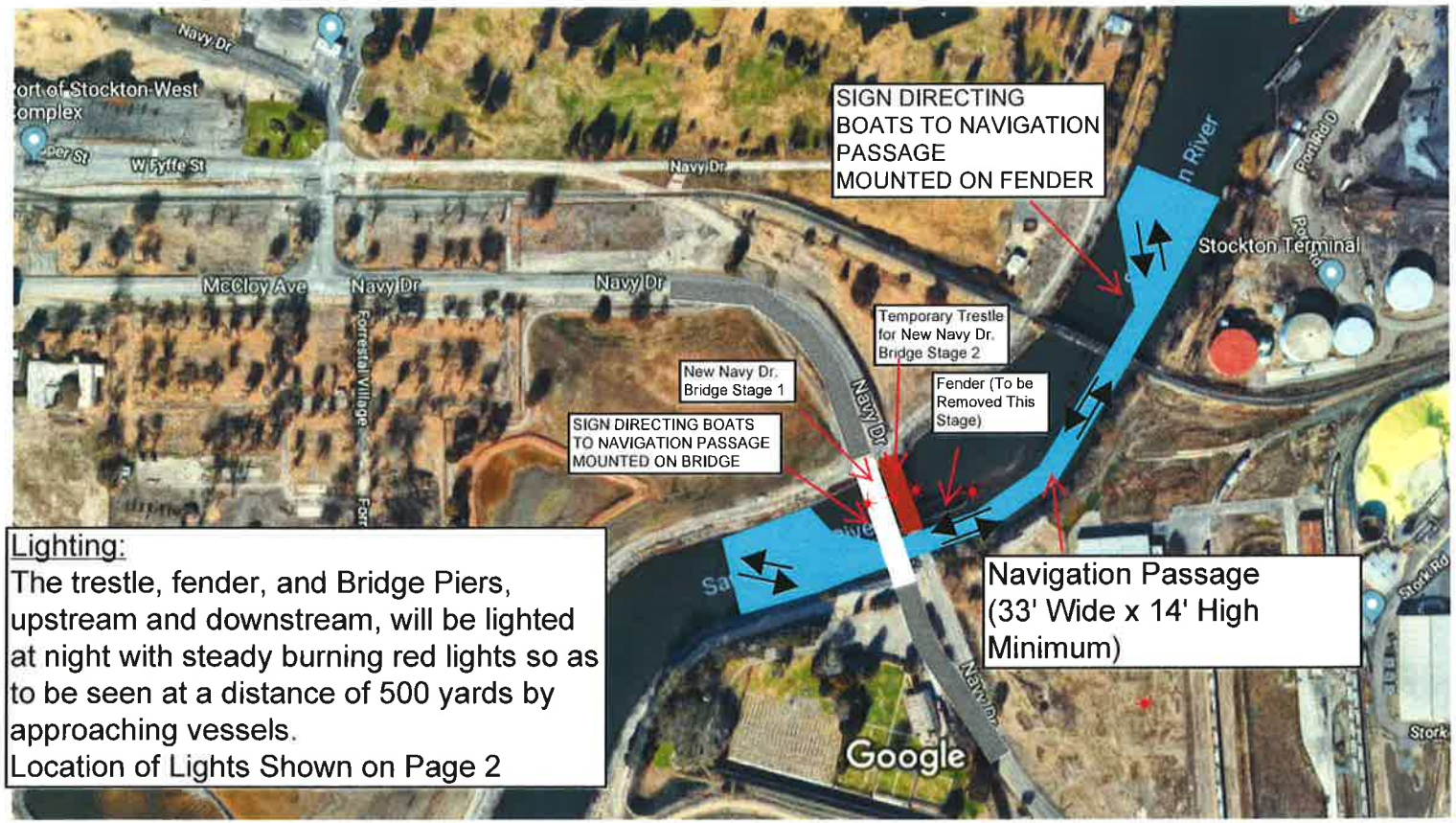
If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11MarineEventsSD@uscg.mil.

Sincerely,

J. R. BUZZELLA
Captain, U. S. Coast Guard
Captain of the Port San Diego

Construction Lighting Diagram Navy Dr Replacement Project Mile 39.8, San Joaquin River

During bridge replacement project, the navigation span will provide 33 feet of horizontal clearance and 14 feet of vertical clearance at Mean High Water. The limiting clearance will be the railroad bridge and not the new Navy Drive Bridge



Imagery ©2018 Google, Map data ©2(

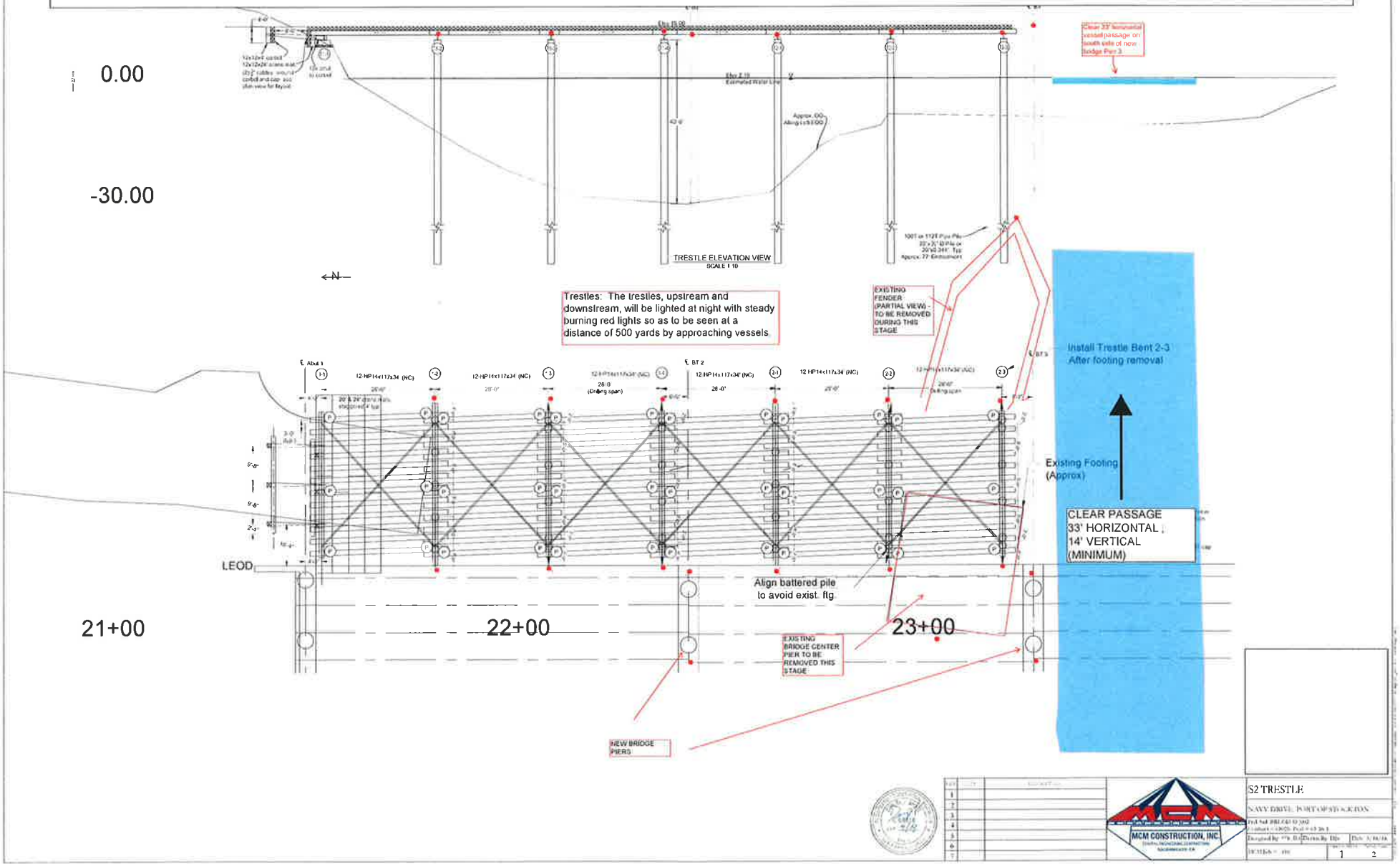
Lighting:

The trestle, fender, and Bridge Piers, upstream and downstream, will be lighted at night with steady burning red lights so as to be seen at a distance of 500 yards by approaching vessels.

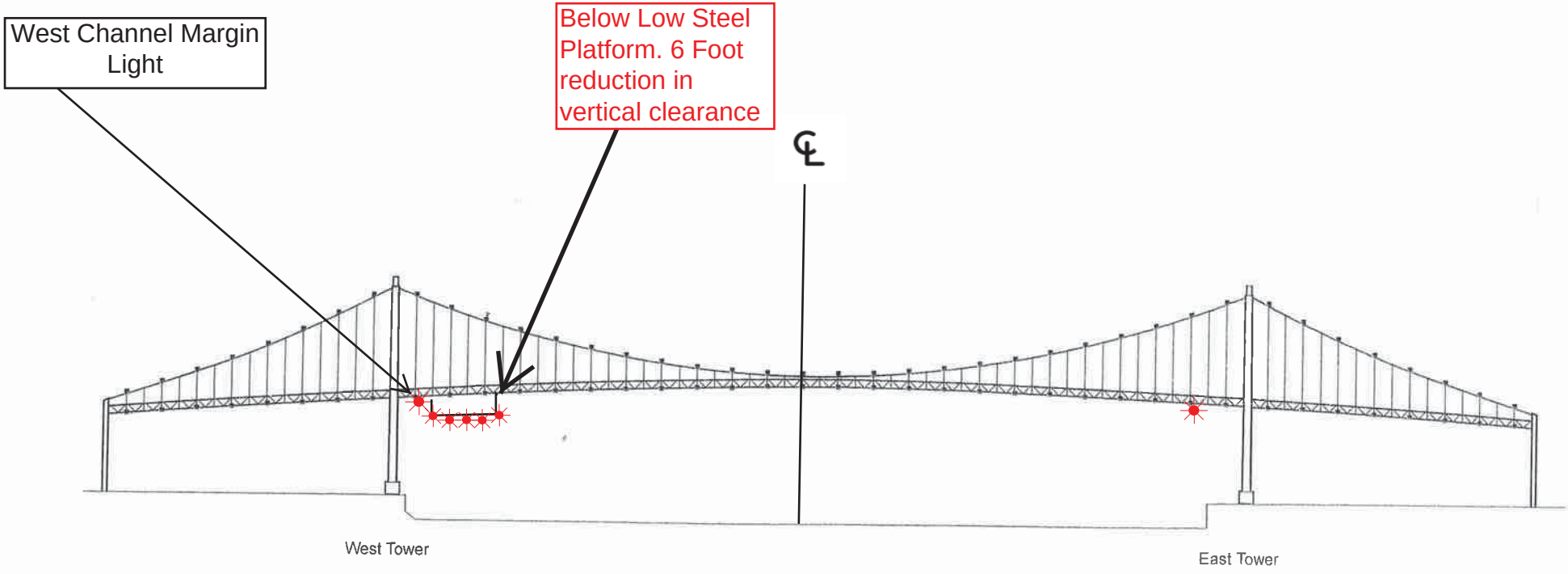
Location of Lights Shown on Page 2

Construction Lighting Diagram
Navy Dr Replacement Project
Mile 39.8, San Joaquin River

During bridge replacement project, the navigation span will provide 33 feet of horizontal clearance and 14 feet of vertical clearance at Mean High Water.



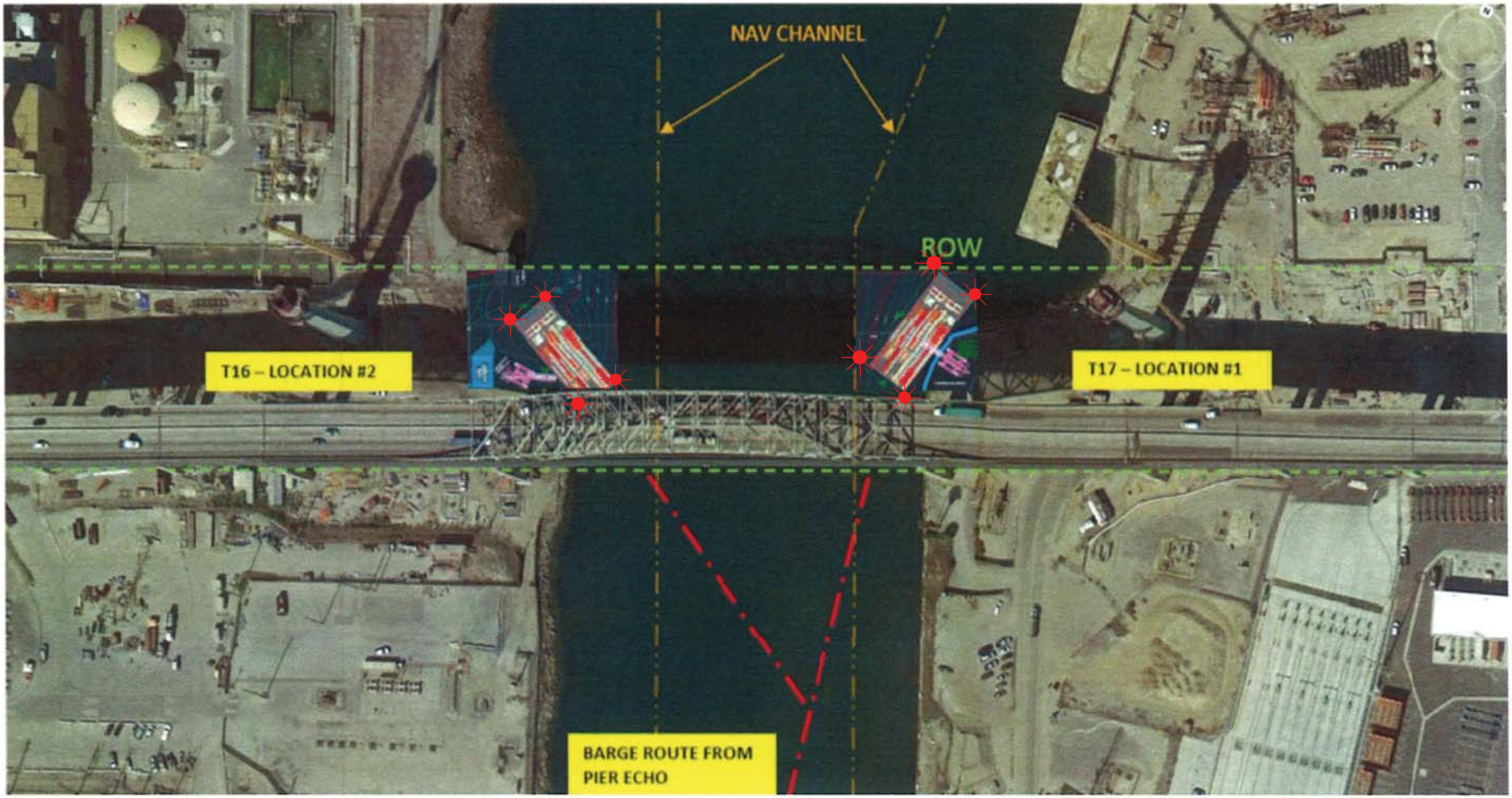
Vincent Thomas Highway Bridge
Mile 3.0
Los Angeles/Long Beach Harbor
Painting Project



A 100 foot long under deck temporary platform will reduce vertical clearance by 6 feet. Each corner and every 20 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 100' west of the centerline of the bridge.

Gerald Desmond Bridge Replacement Project
Equipment Staging

Barge Mooring and Lighting Diagram



Each corner of each spudded 160' X 60' barge will be lighted at night with steady burninig red lights so as to be seen at 2000 yards by approaching vessels.

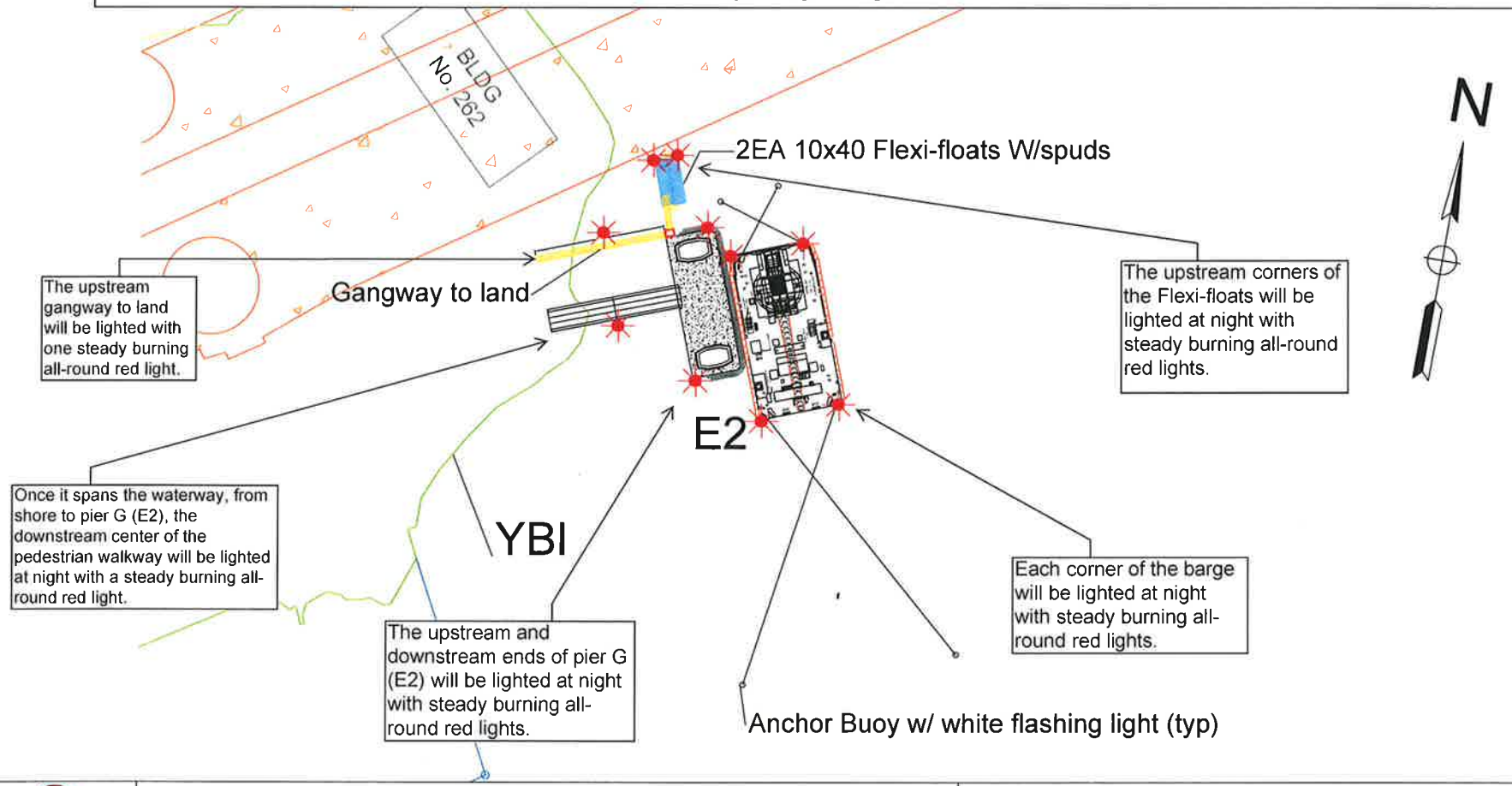
The barges will be moored off-site when not actively working.

Enclosure (1)

Buoy log booms will be set up to divert river traffic away from any block nets, turbidity curtains, bridge trestle and falsework; the river traffic will be directed through the designated trestle bay opening. Opening shall be wide enough to compensate all water traffic; width of a single bay will be as wide as 24'-6". Buoy lines will be anchored on shore and then either attached to the trestle itself or anchored to the bottom of the riverbed to keep the line in place.
McHenry Ave Bridge Replacement Project
Mile 29.5
Stanislaus River
Buoy Line to direct waterway users floating downstream.
A temporary bridge, providing 20' of horizontal clearance and 7' of vertical clearance, at ordinary high water, will remain in place during the construction of the replacement bridge.
Stanislaus River
Google
2D

Replaced Eastern Span San Francisco/Oakland Bay Bridge
Mile 8.9, over San Francisco Bay

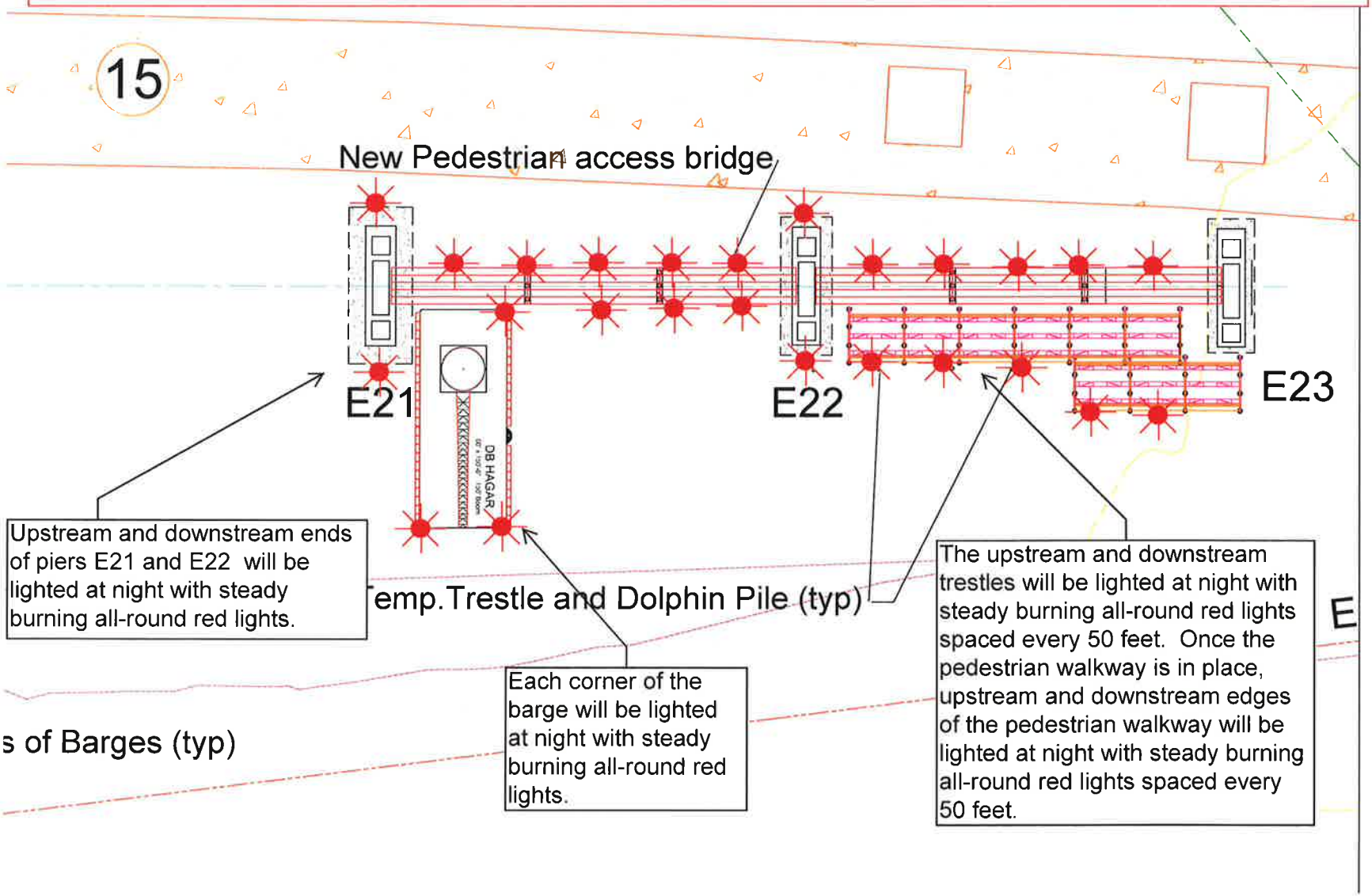
Conversion of Pier G (E2)
Lighting Diagram 1 of 2



KIEWIT/MANSON AJV	Title: Anchor Waiver - Pier E2			Notes/Comments: Typical Crane Barge and anchor setup at pier E2.
	Job: SFOBB East Side Foundation Removal Phase (Season 3)			
	Drawn By: Josh Norquist	Date: 3/5/18	Page 1 of 2	
	Checked By:	Scale: NTS		

Replaced Eastern Span San Francisco/Oakland Bay Bridge
Mile 8.9, over San Francisco Bay

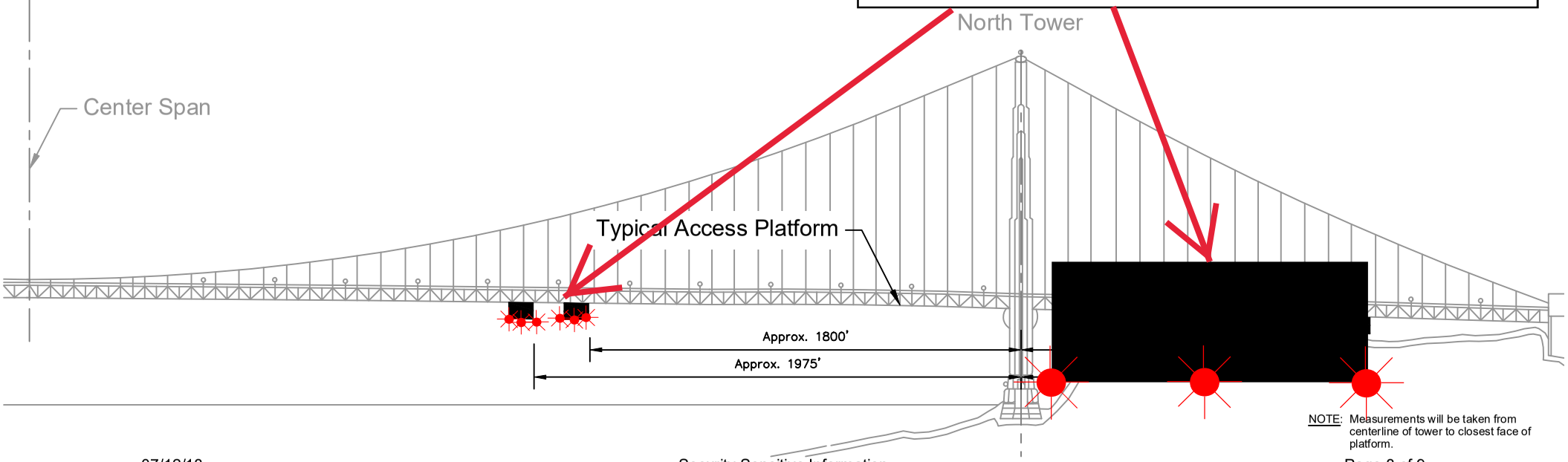
Conversion of Piers E21, E22, E23
Lighting Diagram 2 of 2



Temporary Access Platforms
Golden Gate Bridge
Mile 2.5
San Francisco Bay

Four 54 foot wide temporary platforms will be installed in the main span below low steel of the bridge, two 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 platform will be lighted at night with steady burning red lights see at 2,000 yards by approaching vessels.

Typical Platform Lighting



WHALE ADVISORY ZONE AND VOLUNTARY VESSEL SPEED REDUCTION ZONE
TO REDUCE IMPACT OF SHIP STRIKES ON WHALES

Vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales that are federally 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.).

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel Traffic Separation Scheme between Point Dume and Point Arguello do so at speeds not in excess of 10 kts due to the presence of endangered whales in the area.

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

NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals and report sightings through WhaleAlert, a free application available at http://westcoast.whalealert.org.

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

N

34° 34.431' N
120° 52.253' W

Pt. Arguello

34° 26.847' N
120° 52.253' W

Pt. Conception

Santa Barbara

34° 23.92' N
120° 52.253' W

REDUCED SPEED 10 KTS

34° 7.129' N
119° 16.358' W

Pt. Dume

34° 1.372' N
119° 17.317' W

10 KTS OR LESS

33° 27.901' N
120° 52.253' W

WHALE ADVISORY ZONE

33° 27.901' N
117° 42.36' W

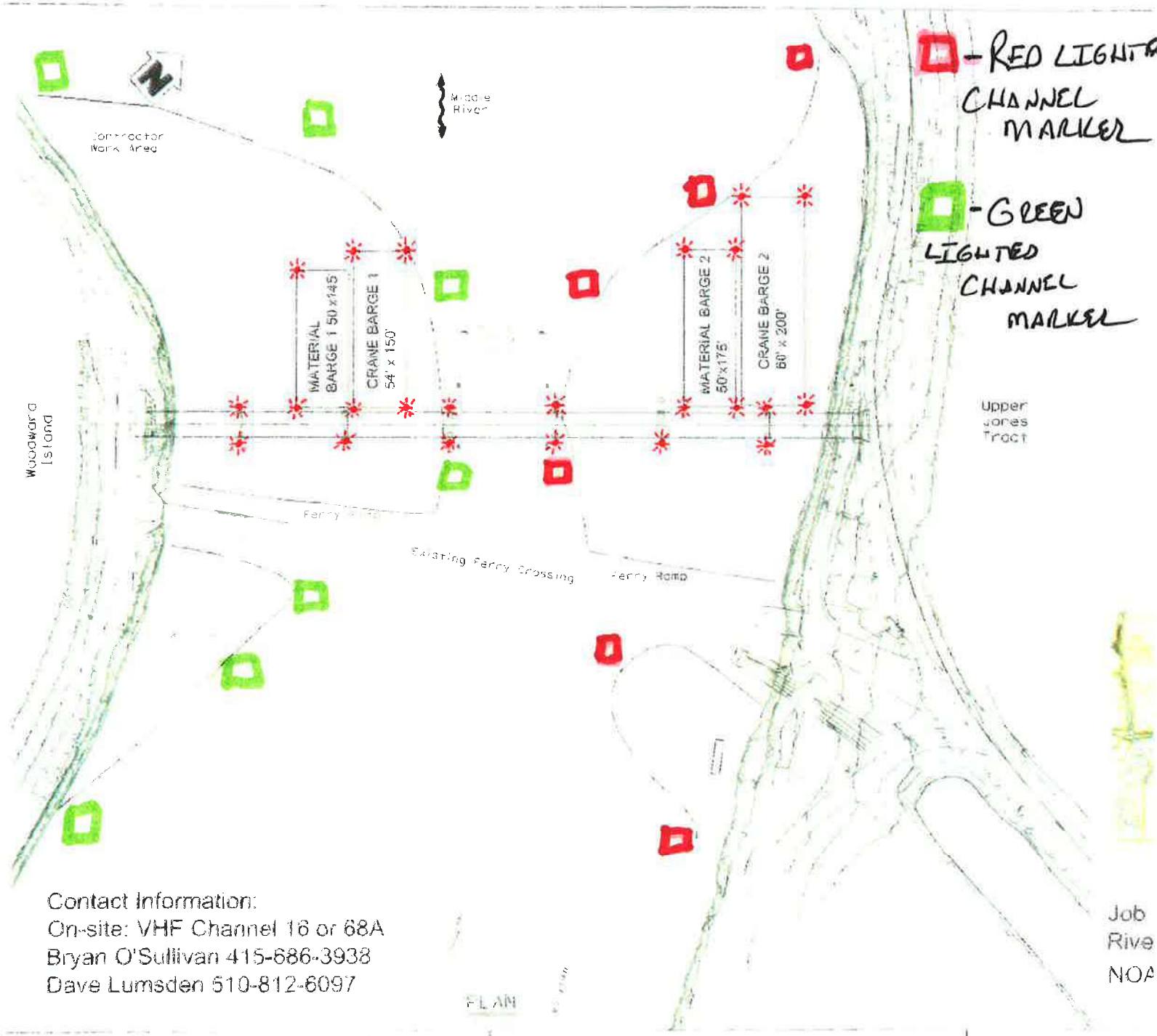
Dana Pt.

0 30 60 120 Nautical Miles

VOLUNTARY SPEED REDUCTION ZONE
Shipping Lanes
NOAA Whale Advisory Zone

NOAA Charts 18720 and 18740
Chart not for navigational purposes.

4 JUNE 2018



Location: 37-55-11N, 121-31-01W

Woodward Island Bridge Project

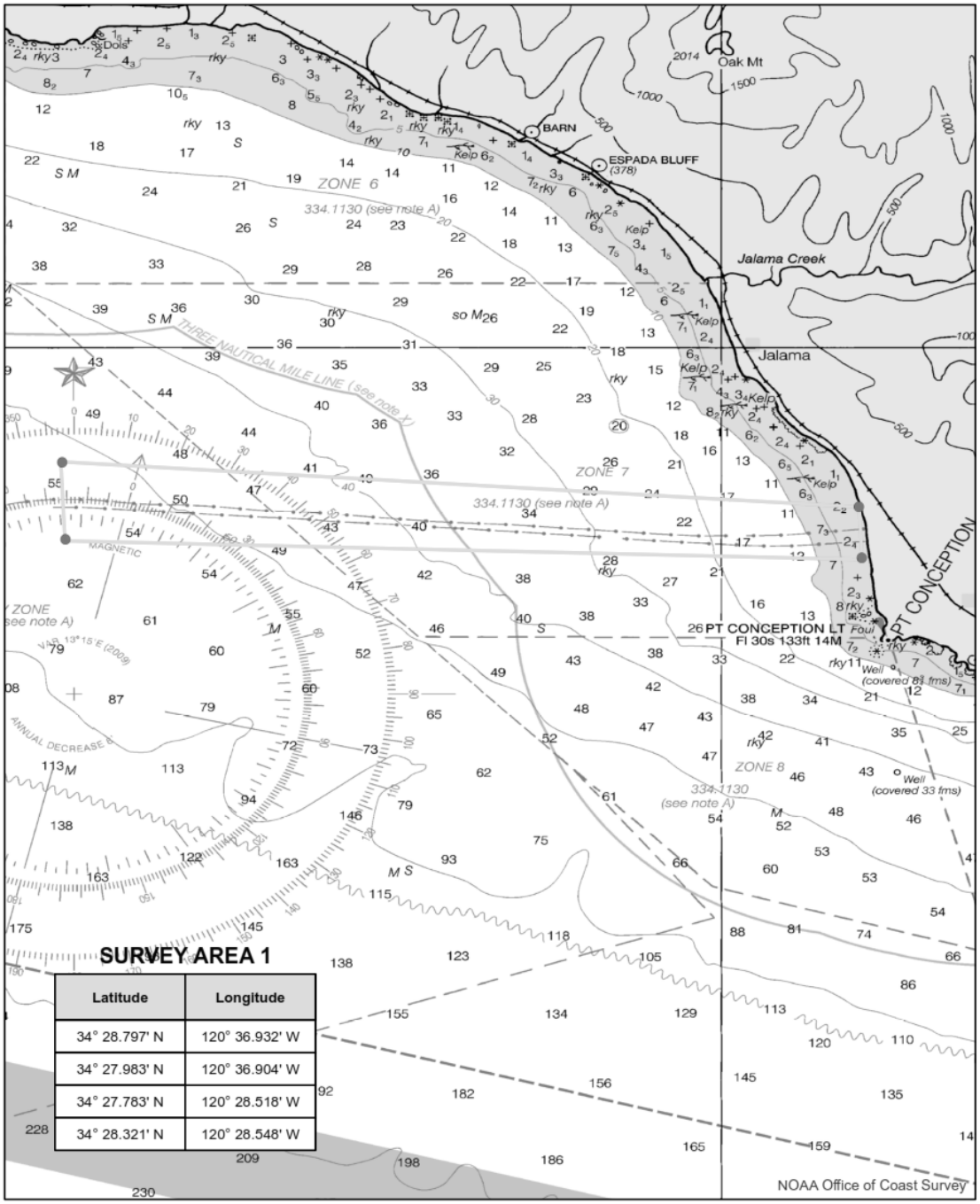
Normal Cha

USCG NAVIGATIONAL LIGHTING PLAN

ENCLOSURE (1)

NOAA Nautical Chart 18020 with Proposed Survey Area 1

Side Scan Survey Notice
Offshore Pt. Conception, Santa Barbara County, California

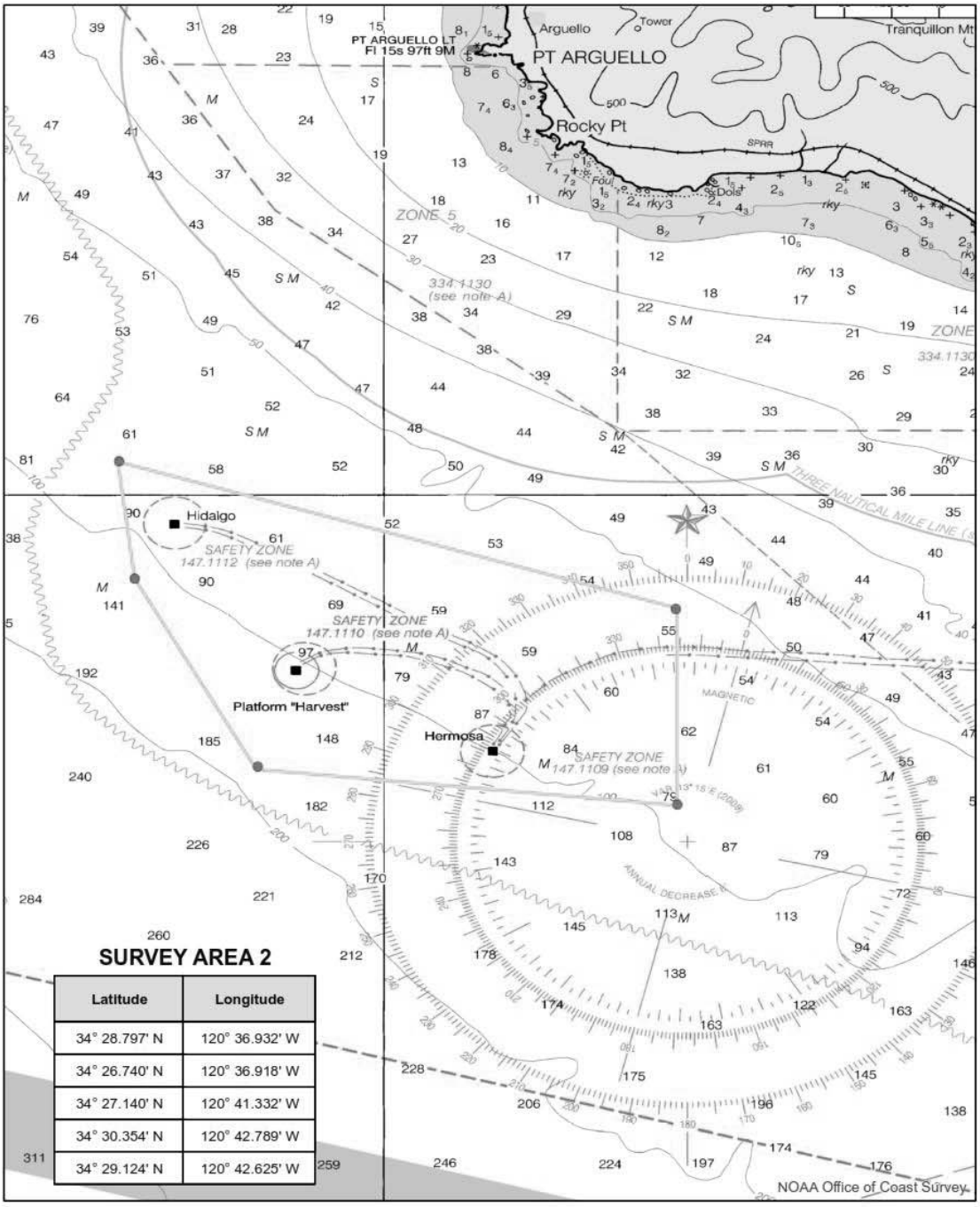


SURVEY AREA 1

Latitude	Longitude
34° 28.797' N	120° 36.932' W
34° 27.983' N	120° 36.904' W
34° 27.783' N	120° 28.518' W
34° 28.321' N	120° 28.548' W

NOAA Nautical Chart 18020 with Proposed Survey Area 2

Side Scan Survey Notice
Offshore Pt. Conception, Santa Barbara County, California

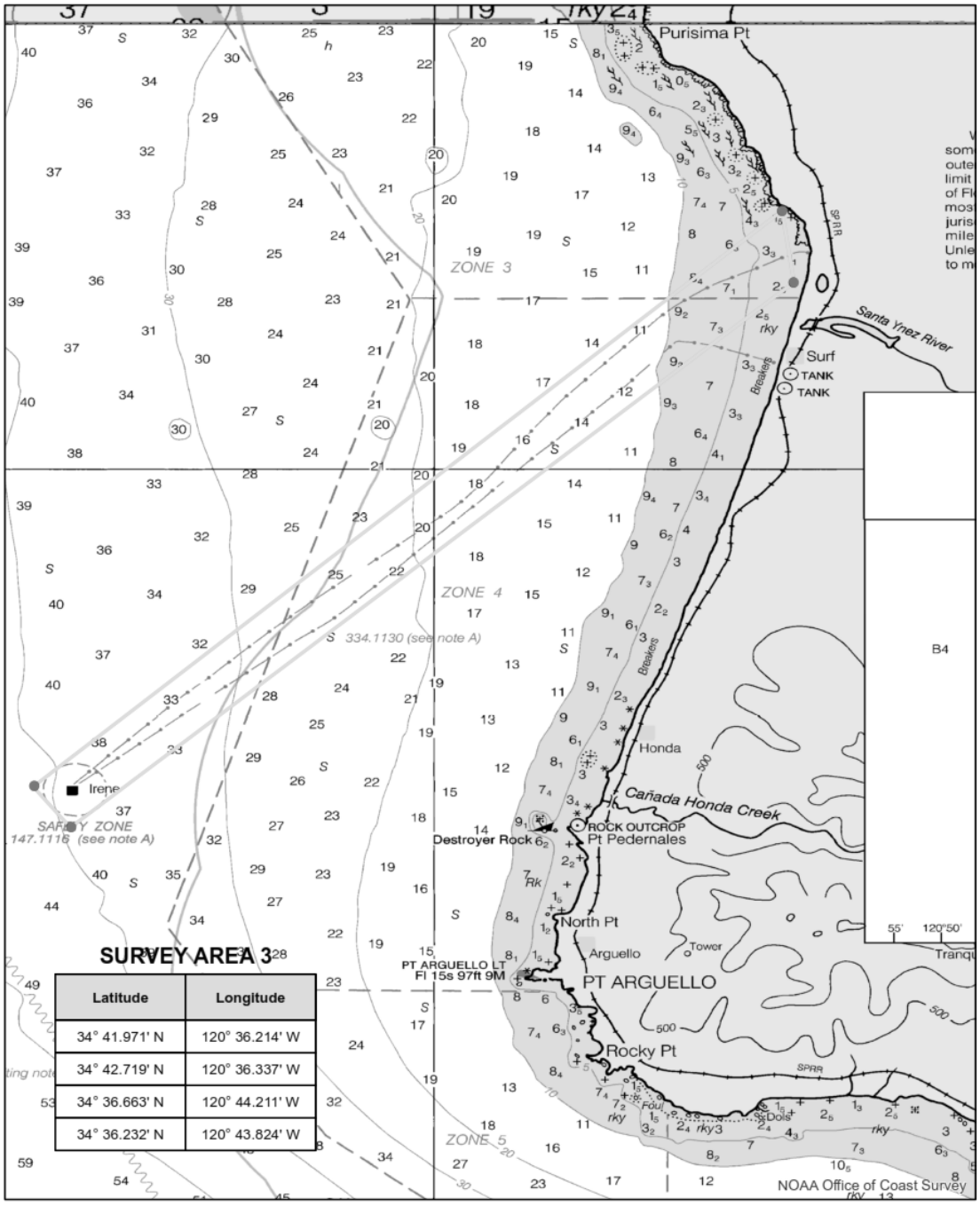


SURVEY AREA 2

Latitude	Longitude
34° 28.797' N	120° 36.932' W
34° 26.740' N	120° 36.918' W
34° 27.140' N	120° 41.332' W
34° 30.354' N	120° 42.789' W
34° 29.124' N	120° 42.625' W

NOAA Nautical Chart 18020 with Proposed Survey Area 3

Side Scan Survey Notice
Offshore Lompoc to Pt. Pedernales, Santa Barbara County, California

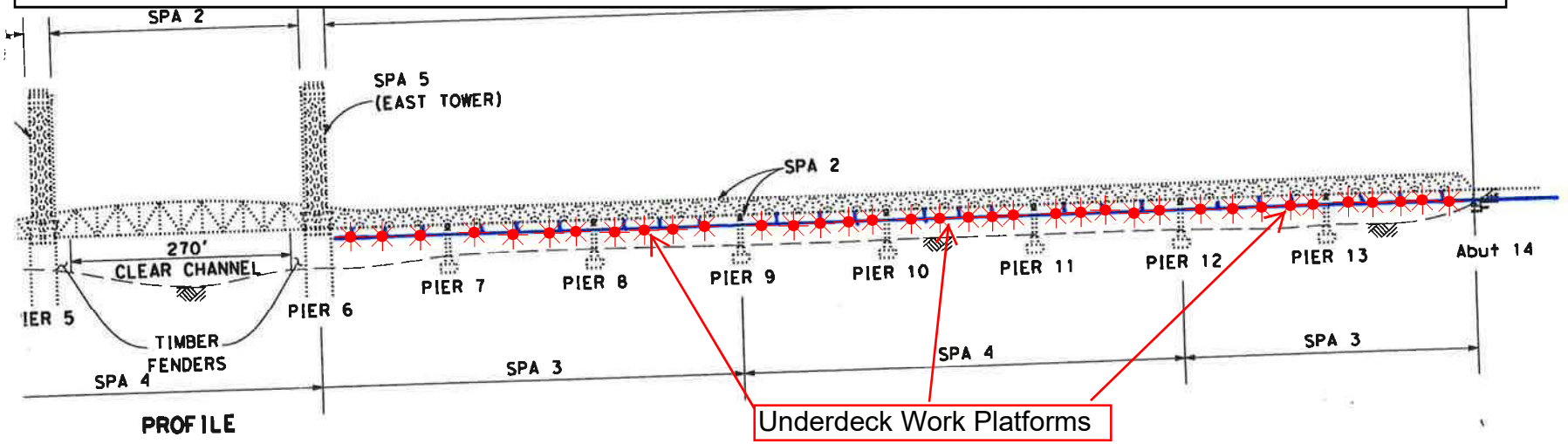


SURVEY AREA 3

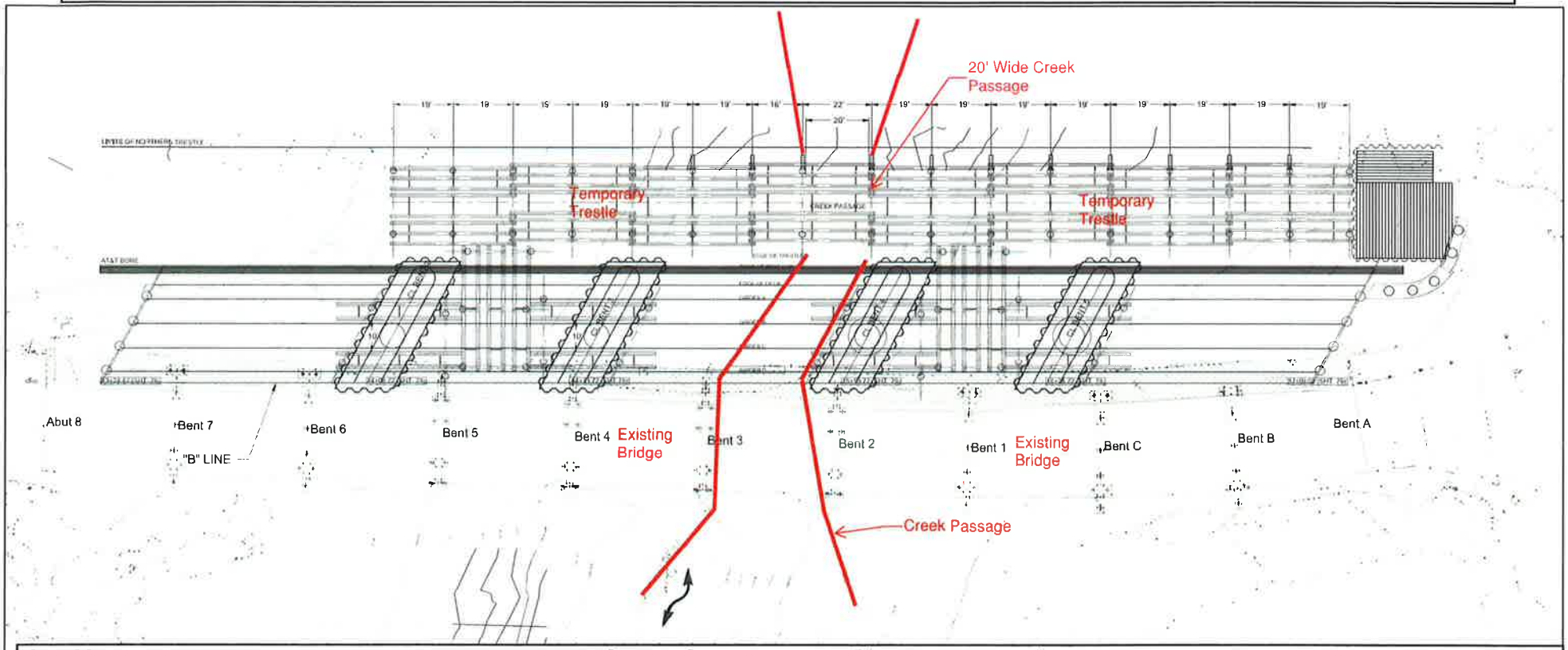
Latitude	Longitude
34° 41.971' N	120° 36.214' W
34° 42.719' N	120° 36.337' W
34° 36.663' N	120° 44.211' W
34° 36.232' N	120° 43.824' W

Cleaning and Repainting Project
Rio Vista Drawbridge
Mile 12.8
Sacramento River

Below deck work platforms, installed from the drawspan (pier 6) to the eastern shore, will reduce vertical clearance by 4 feet. The upstream and downstream lower edges of the platforms are lighted at night with steady burning red lights, spaced every 30 feet, visible at 2,000 yards by approaching vessels.



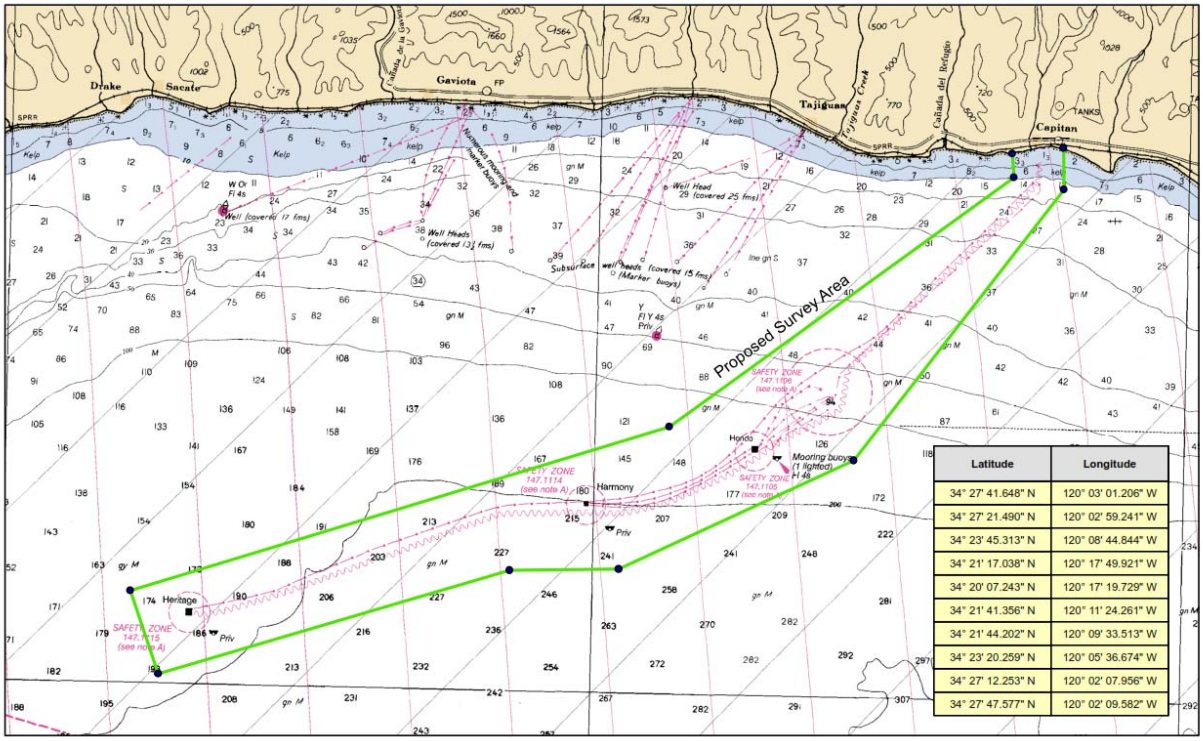
Bon Air Rd Bridge Replacement Project
Mile 2.2, Corte Madera Creek



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

NOAA NAUTICAL CHART 18721 WITH PROPOSED SURVEY AREA

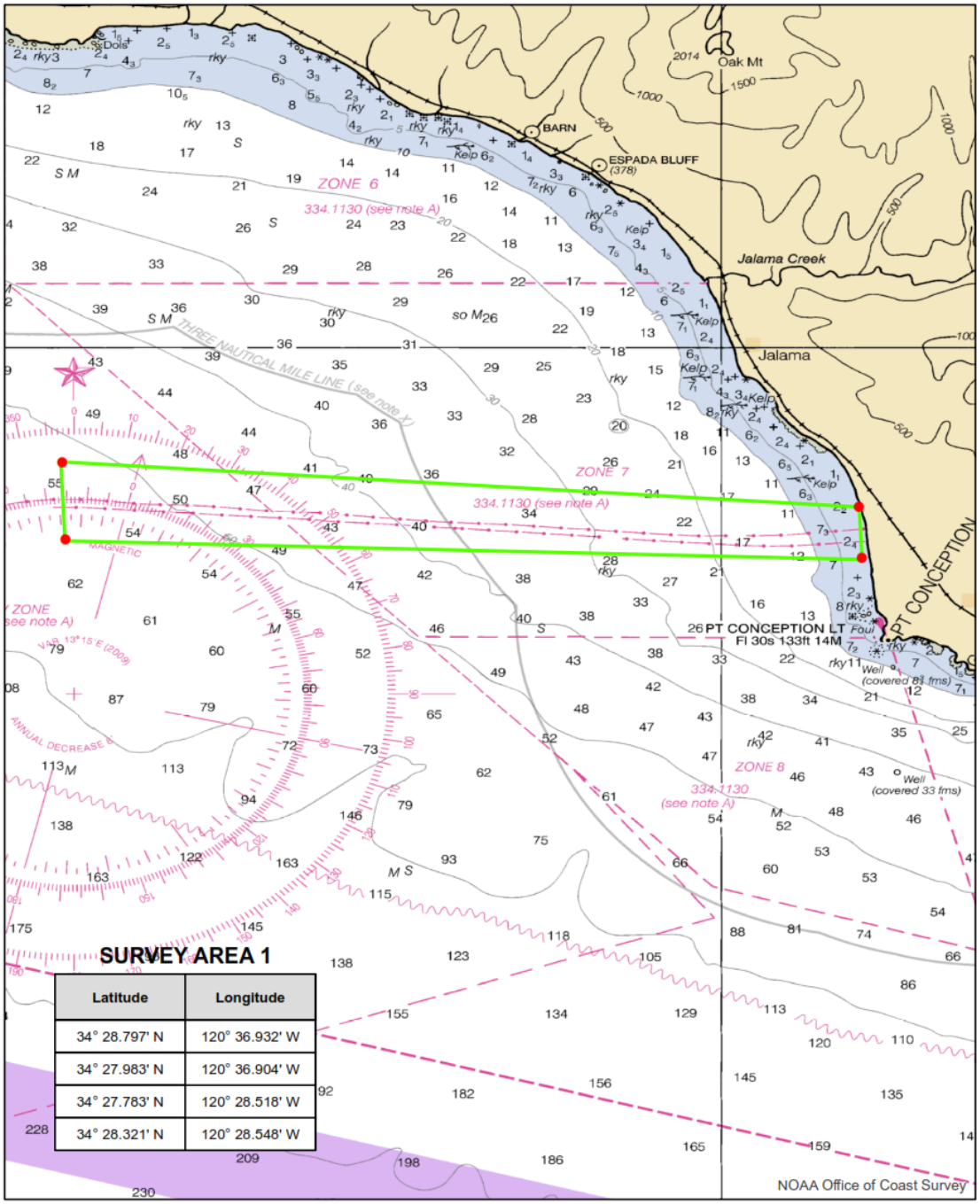
Offshore Santa Barbara County, California



Latitude	Longitude
34° 27' 41.648" N	120° 03' 01.206" W
34° 27' 21.490" N	120° 02' 59.241" W
34° 23' 45.313" N	120° 08' 44.844" W
34° 21' 17.038" N	120° 17' 49.921" W
34° 20' 07.243" N	120° 17' 19.729" W
34° 21' 41.356" N	120° 11' 24.261" W
34° 21' 44.202" N	120° 09' 33.513" W
34° 23' 20.259" N	120° 05' 36.674" W
34° 27' 12.253" N	120° 02' 07.956" W
34° 27' 47.577" N	120° 02' 09.582" W

NOAA Nautical Chart 18020 with Proposed Survey Area 1

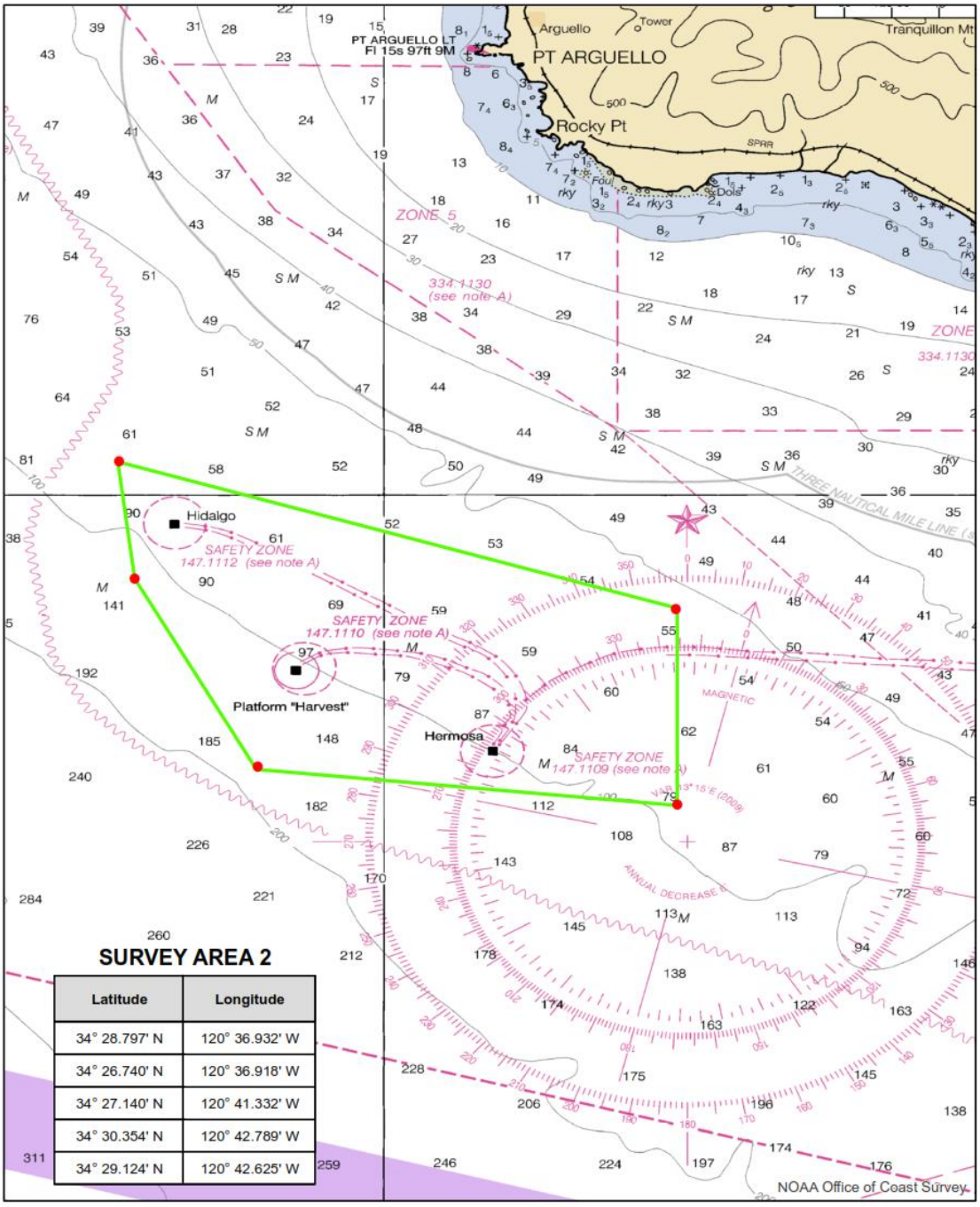
Side Scan Survey Notice
Offshore Pt. Conception, Santa Barbara County, California



Latitude	Longitude
34° 28.797' N	120° 36.932' W
34° 27.983' N	120° 36.904' W
34° 27.783' N	120° 28.518' W
34° 28.321' N	120° 28.548' W

NOAA Nautical Chart 18020 with Proposed Survey Area 2

Side Scan Survey Notice
Offshore Pt. Conception, Santa Barbara County, California



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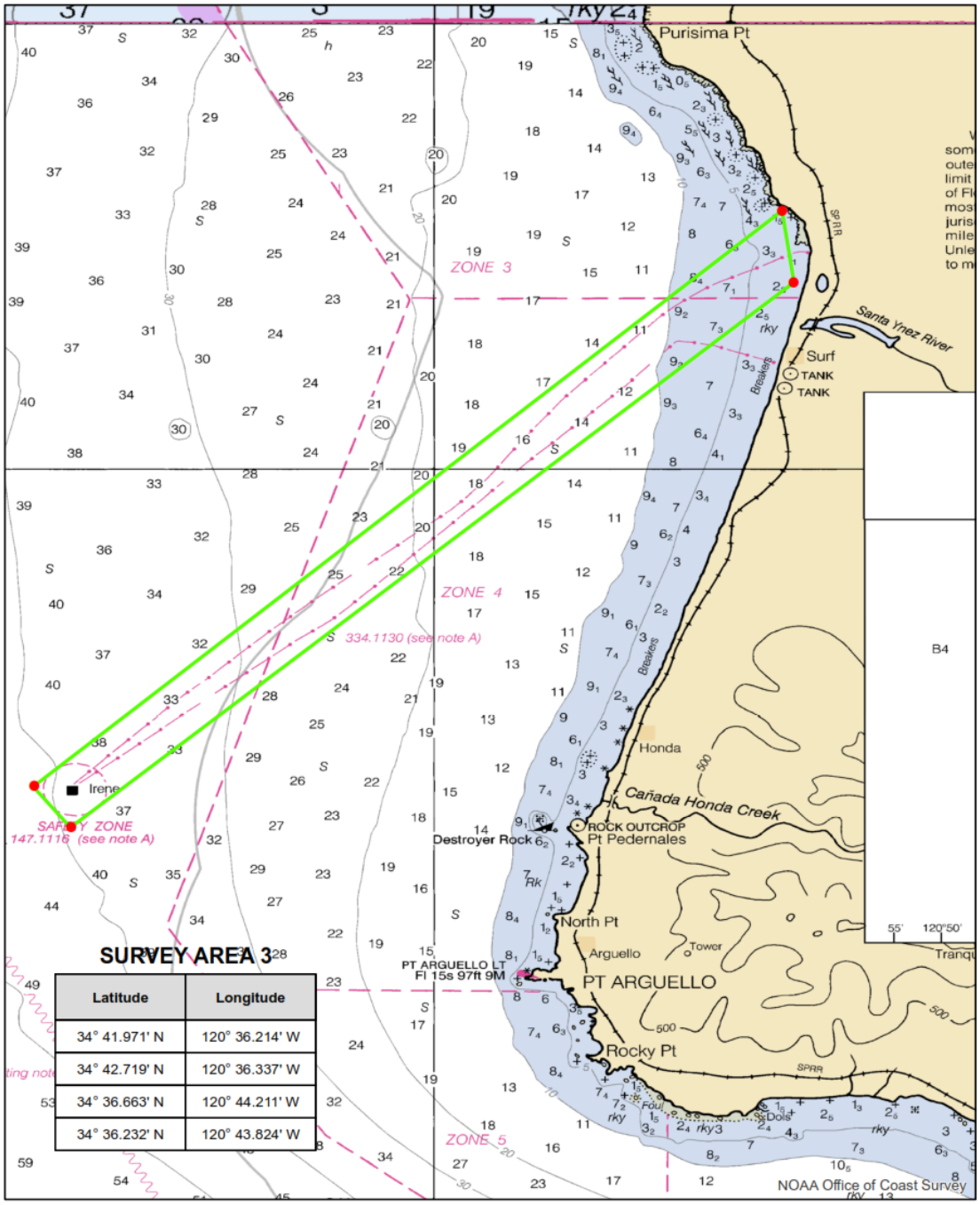
NOAA Nautical Chart 18020 with Proposed Survey Area 3

Side Scan Survey Notice
Offshore Lompoc to Pt. Pedernales, Santa Barbara County, California



SURVEY AREA 3

Latitude	Longitude
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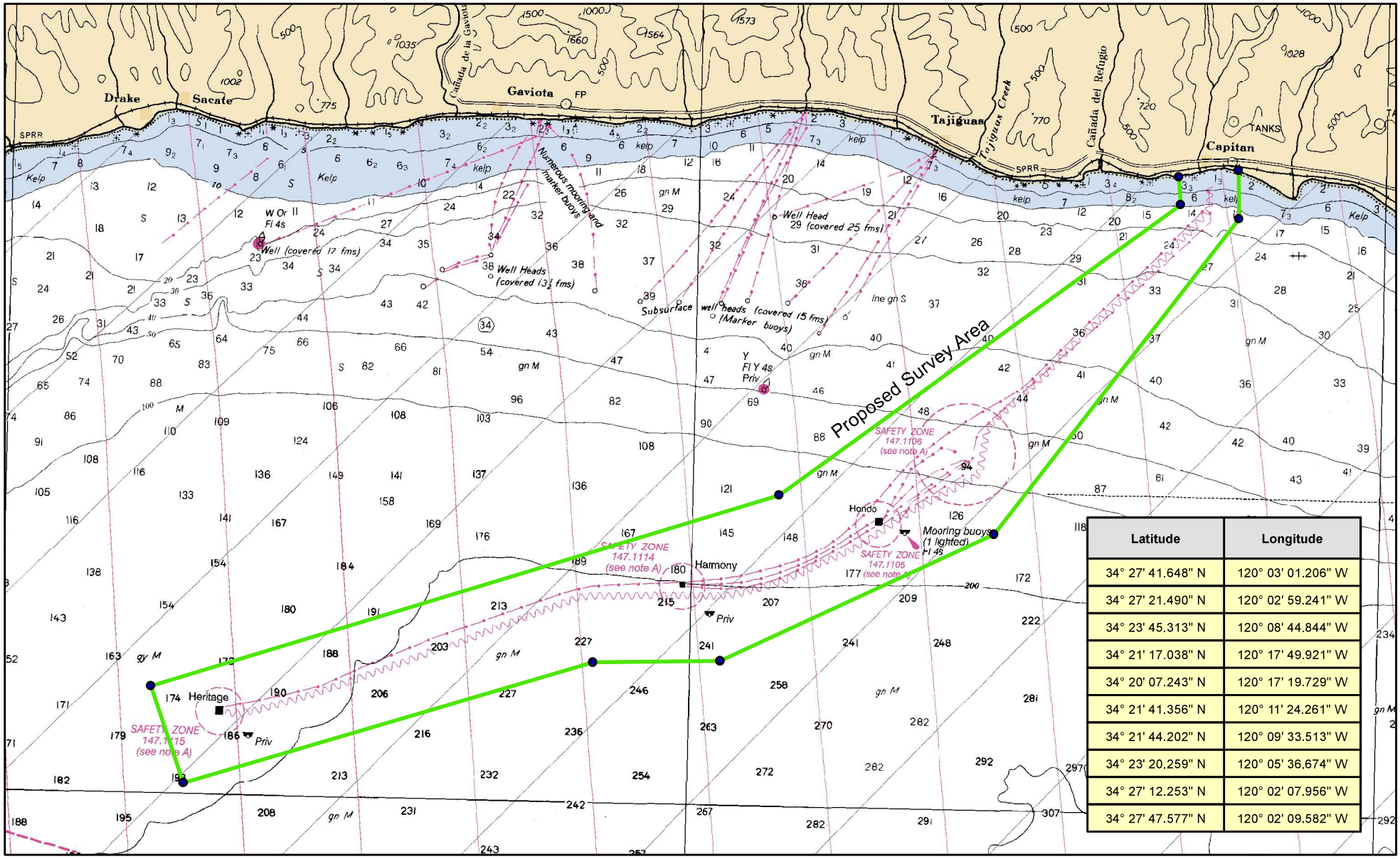
34° 42.719' N	120° 36.337' W
34° 36.663' N	120° 44.211' W
34° 36.232' N	120° 43.824' W

NOAA NAUTICAL CHART 18721 WITH PROPOSED SURVEY AREA

Offshore Santa Barbara County, California



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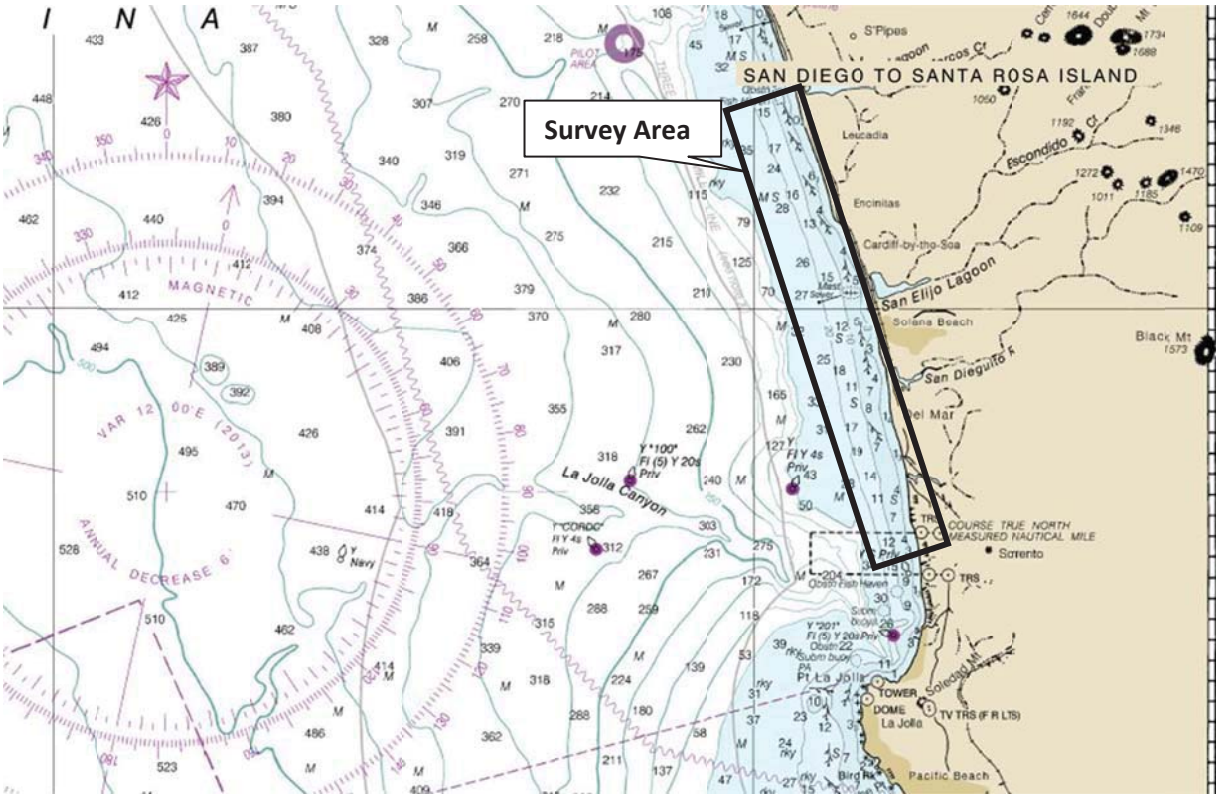
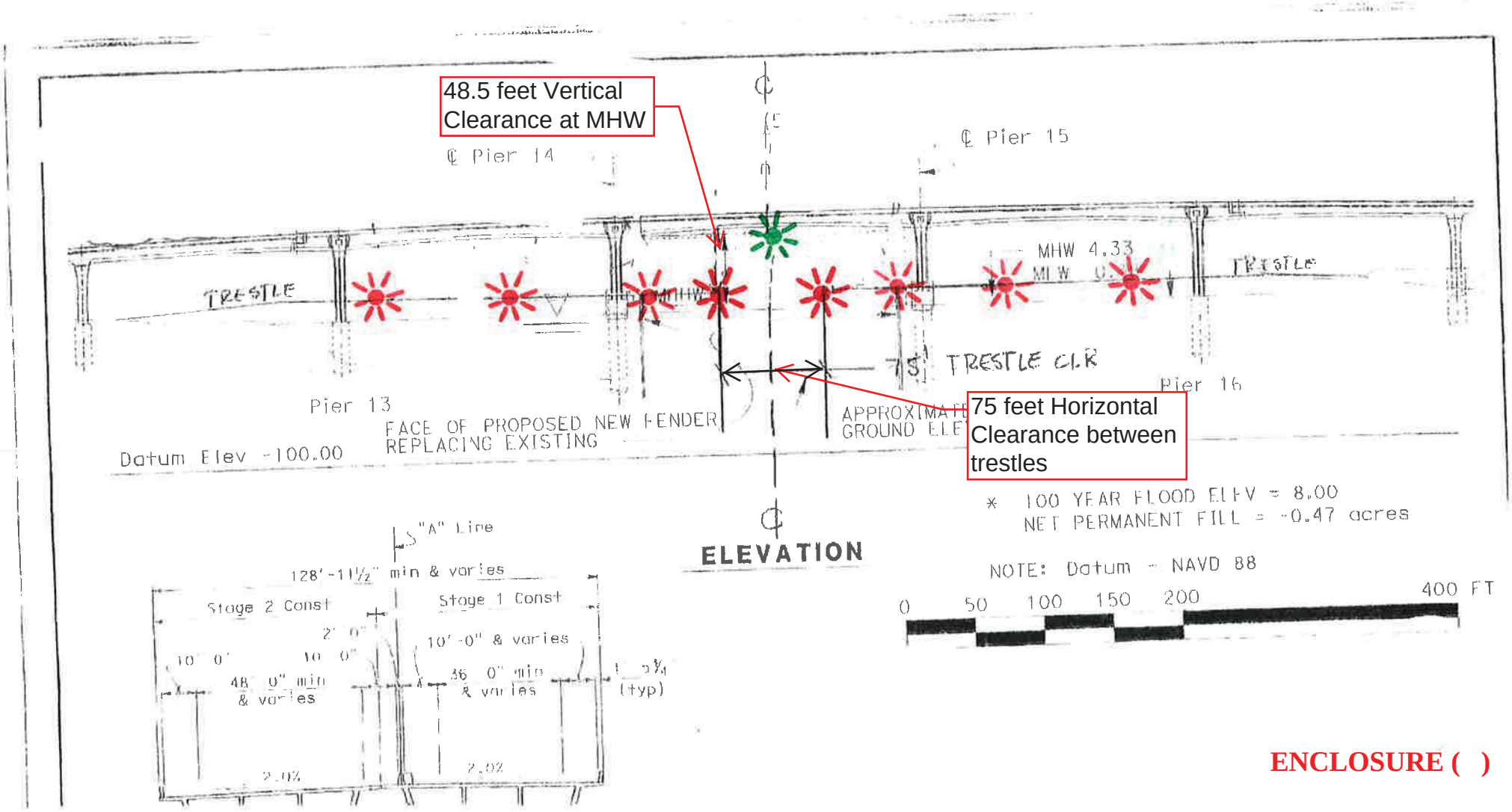

Survey Area
SAN DIEGO TO SANTA ROSA ISLAND
La Jolla Canyon
MAGNETIC
VAR 12° 00'E (2013)
ANNUAL DECREASE 6'
Leucadia
Encinitas
Cardiff-by-the-Sea
San Elijo Lagoon
Solana Beach
Del Mar
Escondido Cr
San Dieguito R
Black Mt
Sorrento
Pt La Jolla
TOWER
DOME
La Jolla
TV TRS (F R LTS)
Pacific Beach
COURSE TRUE NORTH
MEASURED NAUTICAL MILE

Replacement Schuyler Heim Bridge Project

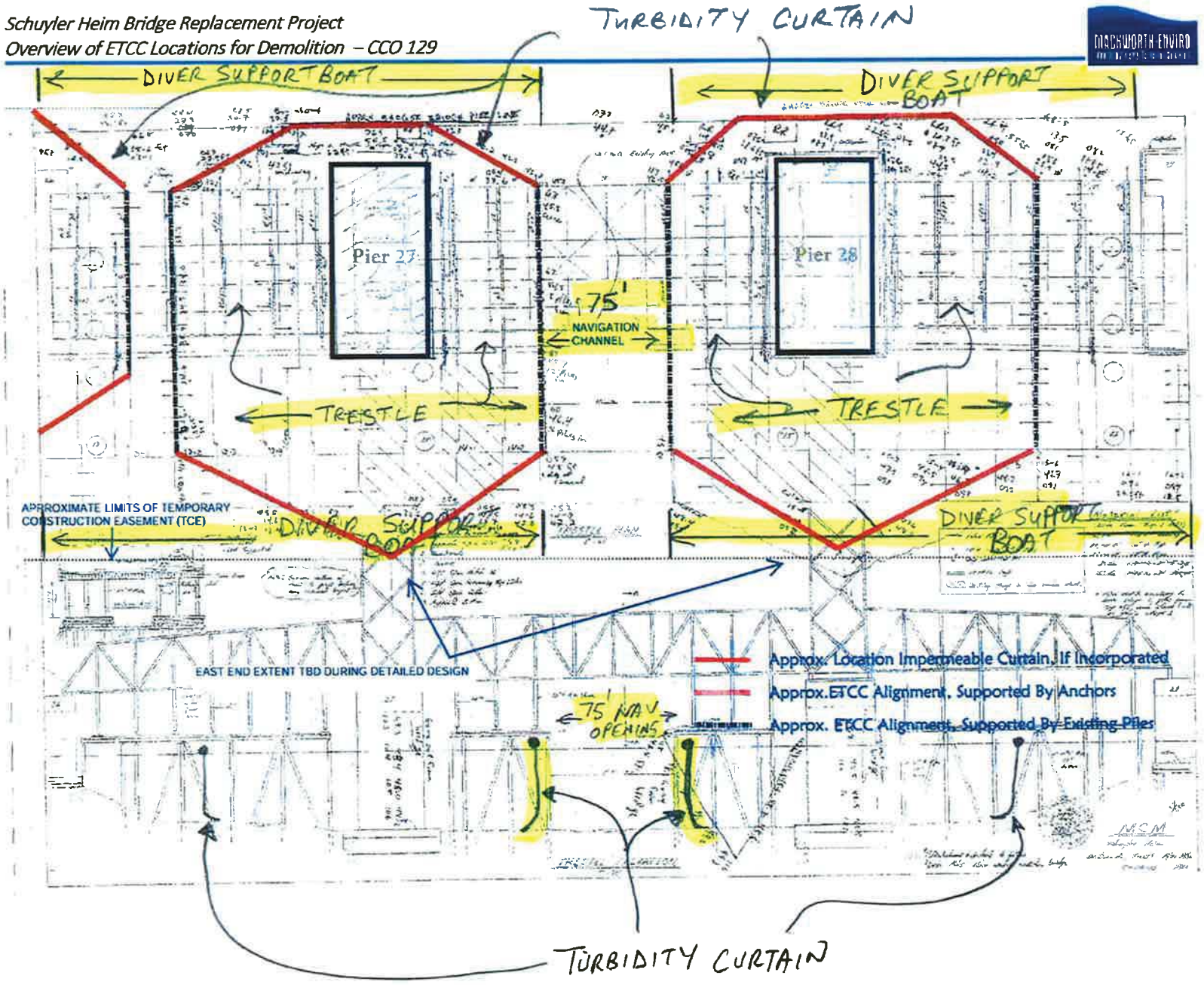
Temporary Lighting Diagram during Construction

The temporary trestles provide 75 feet of horizontal clearance and 48.5 feet of vertical clearance from Mean High Water to the lowest hittable portion of the bridge between the trestles.
The upstream and downstream trestles are lighted at night with steady burning all-round red lights. The center of the navigation span, between piers 14 and 15, is marked at night with all-round steady burning green lights.



ENCLOSURE ( )

Schuyler Heim Bridge Replacement Project
Overview of ETCC Locations for Demolition – CCO 129



- DIVERS IN/AROUND TURBIDITY CURTAIN AS NEEDED; SUPPORT BOAT ADJACENT TO TRESTLE, W/O WORKING IN NAVIGATION OPENING
- NO AFTER-HOURS MOORING DUE TO JOB SECURITY CONCERNS