

LOCAL NOTICE TO MARINERS

U.S. Department of
Homeland Security

United States
Coast Guard



MONTHLY EDITION

U.S. Coast Guard Eleventh District

ISSUED BY: COMMANDER ELEVENTH COAST GUARD DISTRICT (oan)
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Boating Safety Classes or Information: 1-800-869-SAIL (7245)

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 1320-03 to BNM 0011-04 has been incorporated in this notice if still significant.

LIGHT LIST REFERENCE: COMDTPUB P16502.6 LIGHT LIST, VOLUME VI 2003 Edition

USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Eleventh Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

I. SPECIAL NOTICES

dGPS STATUS AS OF 06 Jan 2004:

For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/ 7613.

Proposed off-air dates:

Cape Mendocino Off Air Until Further Notice.
LNM 01/04 dated 06 Jan 2004.

LORAN-C STATUS AS OF 06 Jan 2004:

Loran-C stations for 8290 and 9940 Chains are on air. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7518. Lorsta Middletown (Rate 9940-X) will be unusable from 1800Z to 2000Z on 14 Jan 2004. The alternate time will be 1800Z to 2000Z on 15 Jan 2004. Current Loran-C Status is available 24 hours per days through the Internet at <http://www.navcen.uscg.mil>.
LNM 01/04 dated 06 Jan 2004.

II. DISCREPANCIES / DISCREPANCIES CORRECTED AS OF 0800T 06 Jan 2004

DISCREPANCIES: (bold type and * denote new information since last LNM)

			CHART	BNM	LNM
235.00	Pt Buchon LWB 16	EXTINGUISHED	18700	1308-03	51-03
561.00	Saint George Reef LT	EXTINGUISHED	18600	1102-03	42-03
3970.00	Monterey Bay LT 6	FOG SIGNAL INOPERATIVE	18685	1132-03	43-03
6209.00	Napa River LT 38	EXTINGUISHED	18649	0009-04	01-04*
6525.00	Suisun Bay CH LB 20	EXTINGUISHED	18656	0008-04	01-04*
6557.00	Suisun Bay CH LT 24A	LEANING	18654	0610-03	22-03
6755.00	San Joaquin River LT 24	BURNING DIM	18661	1323-03	01-04*

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Discrepancies Corrected:

132.00	San Pedro Precautionary Area LB B 1320-03	52-03	WATCHING PROPERLY	18740
360.00	San Fran APP LWB SF	WATCHING PROPERLY	18680	1318-03 52-03
4195.00	San Fran Main Ship CH LB 8	WATCHING PROPERLY	18649	1284-03 50-03
5225.00	Redwood Creek DBN 11	WATCHING PROPERLY	18651	1297-03 50-03
6760.00	San Joaquin River LB 25	WATCHING PROPERLY	18661	1319-03 52-03

III. TEMPORARY CHANGES/TEMPORARY CHANGES CORRECTED - ESTABLISHED/DISCONTINUED AIDS

TEMPORARY CHANGES: (bold type and * denote new information since last LNM)

1595.00	Shelter Island West End LT 2	TRLB	18773	0124-03 04-03
2225.00	Chula Vista Channel LT 15	TRLB	18773	0280-02 14-02
2570.00	San Clemente N End Radar Buoy A	DISCONTINUED	18762	1064-02 45-02
3260.00	San Pedro E Ch LB 2	TRLB	18751	0887-03 35-03
5685.00	Richmond LT 4	TRLB	18649	0587-03 20-03
6860.00	San Joaquin River LT 49	TRLB	18661	0243-03 09-03
7945.00	Bodega HBR CH DBN 34	TRUB	18643	0829-03 32-03

TEMPORARY CHANGES CORRECTED:

3117.00	Los Angeles Main CH LB 11	WATCHING PROPERLY	18751	0886-03 35-03
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IV. CHART CORRECTIONS

EXPLANATION OF FORMAT - Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. Each correction pertains to a particular chart and to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction:

Chart Notice number	Chart edition	Edition date	Reference datum	Last Local Notice to Mariners	Source of correction	Current to
18649 (Temp)	53rd ed CA - SAN FRANCISCO BAY - General Location	05/6/1989	NAD 83	Last LNM: 35/89	(CGD11)	37/89
	Add Embonee Channel Light 1		FIR 2.5s 7M		37°48'00.000"N	122°15'00.000"W
Corrective Position action				Object of corrective action		

(Temp) located below the chart number indicates that the corrective action is temporary. Courses and bearings are given in degrees clockwise from 000° True. Bearings of light sectors are toward the light from seaward. The nominal range of a light is expressed in nautical miles, (e.g. 7M).

18656	52 nd ed. CA - SUISUN BAY	03/31/2001	NAD 83	Last LNM: 47/03	(CGD11)	01/04
	Add					
	Buoy FI 2.5s W Or "Coast Guard Security Zone"				at 38°03'47.987"N	122°01'09.889"W
	Buoy FI 4s W Or "Coast Guard Security Zone"				at 38°03'47.028"N	122°00'48.836"W
	Buoy FI 4s W Or "Coast Guard Security Zone"				at 38°03'47.070"N	122°00'33.785"W
	Buoy FI 2.5s W Or "Coast Guard Security Zone"				at 38°03'44.759"N	122°00'11.954"W
	Buoy Y				at 38°03'50.849"N	122°00'42.566"W
	Buoy "A"				at 38°03'56.316"N	122°01'08.994"W
	Buoy "B"				at 38°03'53.826"N	122°00'49.788"W
	Buoy "C"				at 38°03'51.545"N	122°00'32.888"W
	Buoy "D"				at 38°03'45.804"N	122°00'10.734"W

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

None.

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

NORTHERN CALIFORNIA – PETALUMA RIVER - The Coast Guard is proposing to permanently discontinue the fog signal on Petaluma River Entrance Light 2 (LLNR 5980). The light characteristic will not be discontinued or altered in this process. The only part of the aid that would be affected is the sound signal that is continuously operated from 01 Oct to 01 Apr. Please submit comments by **09 Jan 2004** to Lieutenant Junior

Grade Scott Medeiros at (510) 437-2969 or smedeiros@d11.uscg.mil.
Chart: 18654 LNM 01/04 dated 06 Jan 2004.

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VII. GENERAL INFORMATION

All times are given in local time, represented by the time followed by (T).

GENERAL – LOCAL NOTICE TO MARINERS ON THE INTERNET – Coast Guard District 11 offers the Local Notice to Mariners (LNM) on the internet; www.navcen.uscg.gov/lnm/d11. Customers with internet access are encouraged to take advantage of this service. It provides information faster and allows for several copies of the LNM if necessary. The use of the above service would assist with reducing publishing and mailing cost. Should you decide to use the web access, contact BM2 Rachel Mentz at (510) 437-2970 or rmentz@d11.uscg.mil in order to discontinue your paper copy.
Chart: None LNM 01/04 dated 06 Jan 2004.

Chart: 18773 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – Marathon Construction Corporation will be repairing the Chollas Creek fender system and Quaywall from 29 Oct 2003 through 26 May 2006. The construction will be in the vicinity of the Naval Amphibious Base, Coronado and Naval Station San Diego. Mariners are advised to use caution when transiting the area. For further comments or details, contact Matt Richer at (619) 843-8976.
Chart: 18773 LNM 43/03 dated 28 Oct 2003.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – NORTH ISLAND NAVY ASSET PROTECTION BARRIERS – The U.S. Navy has constructed a protection barrier for its assets at North Island. Anchor locations for the barriers are in the following positions: 32°42.83'N 117°11.57'W, 32°42.87'N 117°11.55'W, 32°42.92'N 117°11.50'W, 32°42.87'N 117°11.37'W, 32°42.78'N 117°11.27'W, 32°42.73'N 117°11.13'W, 32°42.65'N 117°11.08'W, 32°42.47'N 117°10.93'W, 32°42.33'N 117°10.82'W, 32°42.22'N 117°10.83'W. Each mooring position (10 of them) will show a characteristic of Q Y. These barriers will be in place **until further notice**. For further comments or details, contact Lieutenant Henry P. Pierce, USN at (619) 556-3143.
Chart: 18773 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – POINT LOMA NAVY ASSET PROTECTION BARRIERS – The U.S. Navy has constructed a protection barrier for its assets at Point Loma. Anchor locations for the barriers are in the following positions: 32°41.45'N 117°14.36'W (shore), 32°41.46'N 117°14.32'W, 32°41.49'N 117°14.23'W, 32°41.49'N 117°14.11'W, 32°41.43'N 117°14.01'W, 32°41.32'N 117°14.0'W, 32°41.24'N 117°13.98'W, 32°41.24'N 117°14.03'W, 32°41.20'N 117°13.99'W, 32°41.19'N 117°13.99'W (shore). Each mooring position (10 of them) will show a characteristic of Quick Y. These barriers will be in place **until further notice**. For further comments or details, contact Lieutenant Henry P. Pierce, USN at (619) 556-3143.
Chart: 18773 LNM 12/03 dated 25 Mar 2003.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – NAVAL STATION ASSET PROTECTION BARRIERS – The U.S. Navy has constructed a protection barrier for its assets at the Naval Station. Anchor locations for the barriers are in the following positions: 32°41.03'N 117°08.13'W, 32°42.92'N 117°08.00'W, 32°40.82'N 117°07.90'W, 32°40.73'N 117°07.82'W, 32°40.63'N 117°07.72'W, 32°40.52'N 117°07.65'W, 32°40.42'N 117°07.50'W, 32°40.30'N 117°07.50'W, 32°40.13'N 117°07.48'W, 32°39.97'N 117°07.45'W, 32°39.83'N 117°07.42'W, 32°39.72'N 117°07.40'W. Each mooring position (12 of them) will show a characteristic of Quick Y. These barriers will be in place **until further notice**. For further comments or details, contact Lieutenant Henry P. Pierce, USN at (619) 556-3143.
Chart: 18773 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – SURVEY OPERATIONS – The U.S. Navy is conducting hydrographic surveys of the San Diego approaches from sea into the channel and the inner harbor with three ships **until further notice**. Mariners are advised to use caution when transiting the area. For further comments or details, contact Lieutenant Junior Grade William Scarborough at (361) 776-4797.

SOUTHERN CALIFORNIA - CAMP PENDLETON – ASSAULT VESSEL TESTING - The U.S. Marine Corps is testing an advanced amphibious assault vehicle **from 0700T to 1700T Monday through Friday until Jun 2004** off of Camp Pendleton. Several support boats will be in the vicinity of testing vehicles. The water safety officer will be monitoring VHF-FM Ch. 16. For further comments or details, contact BMC Doug Samp at (619) 683-6309.
Chart: 18740 LNM 39/02 dated 24 Sep 2002.

SOUTHERN CALIFORNIA – CAMP PENDLETON – WAVE BUOY INSTALLATION – The Marine Corp has installed a wave buoy in position 33°13.3'N 117°26.0'W which will be in place **through 18 Feb 2008**. The military will be using the buoy for testing equipment in the area. The light characteristic is FI Y 4s. For further comments or details, contact Dale Stubblefield at (760) 725-2895.
Chart: 18774 LNM 09/03 dated 04 Mar 2003.

SOUTHERN CALIFORNIA – LA JOLLA – WAVE MEASUREMENT PROJECT – The Ocean Engineering Research Group has installed four Waverider buoys off of Scripps Pier. The first buoy is located at 32°50.88'N 117°21.20'W. The second buoy is in position 32°52.7'N 117°15.9'W. The third is in position 32°52.4'N 117°15.7'W in 19.14 fathoms of water. The fourth is in position 32°52.4'N 117°15.4'W in 14.98 fathoms of water. They are yellow, marked "Wave Buoy" and will be in place **through Jan 2004**. For further comments or details, contact Julie Thomas at the Center for Coastal Studies at (858) 534-3032.
Chart: 18720 LNM 44/03 dated 04 Nov 2003.

SOUTHERN CALIFORNIA - OCEANSIDE HARBOR - MARINE EVENT SAFETY ZONE PROPOSAL – The California Half Ironman Triathlon will take place **from 0530U to 1000U on 03 Apr 2004**. The USCG Activities San Diego Marine Event Coordinator is seeking public comment for the proposed marine event and safety zone. This event will consist of approximately 2000 swimmers conducting a 1.2-mile swim within Oceanside Harbor. The proposed event and safety zone would close Oceanside Harbor while the swimmers are in the water for the safety of the participants. For further comments or details, contact OSC Doug Samp (619) 683-6309.
Chart: 18751 LNM 51/03 dated 23 Dec 2003.

SOUTHERN CALIFORNIA - PT BUCHON - SCIENTIFIC RESEARCH - Scientific Solutions in conjunction with Scripps Institute of Oceanography, will be placing a mooring buoy 2 miles south of Pt Buchon in position 35°12.8'N 120°54.2'W **through 05 Feb 2004**. The buoy will be a white 5' spherical buoy, with a horizontal blue stripe, showing a fixed white light. R/V *NEW HORIZON* will be on the mooring most of the time. For further comments or details, contact Michael Birman at (603) 880-3784.
Chart: 18703 LNM 51/03 dated 23 Dec 2003.

SOUTHERN CALIFORNIA – VENTURA HARBOR – DREDGING OPERATIONS – Omega Industrial Marine will be conducting dredging operations **through 10 Jan 2004** along the eastern shoreline of basin A in Ventura Harbor. A HYDRAULIC DREDGE will be on scene and monitoring VHF-FM Ch. 13. Mariners are advised to use caution when transiting the area. For further comments or details, contact Greg Lewis at (619) 920-6650.
Chart: 18725 LNM 51/03 dated 23 Dec 2003.

SOUTHERN CALIFORNIA - LOS ANGELES – CONSTRUCTION OPERATIONS - The Los Angeles Deepening Project is currently being conducted in Southwest Slip near Los Angeles Pier 100. A submerged rock dike has been constructed from Pier 100 northwesterly into Southwest Slip and is being filled to 10 ft above MLLW. All mariners are advised to remain clear of this area. For further comments or details, contact BMC Robert Mikulskis at (310) 732-2020.
Chart: 18751 LNM 13/03 dated 01 Apr 2003.

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General Info (Cont)

SOUTHERN CALIFORNIA – LOS ANGELES – DREDGING OPERATIONS

– L.A. Deepening Constructors will be conducting dredging operations **through 30 May 2004** in the LA Main Channel. The DREDGE *HR MORRIS* will be on scene and monitoring VHF-FM Ch. 13, 16, and 66. The dredge will be using a combination of floating and submerged pipeline to pump material to the Southwest Slip Area. It will be moving on spuds and anchors. Anchor cable can extend hundreds of feet out from the dredge, derrick barges, and other construction equipment. The dredge operates 24 hours a day, seven days a week and is powered by a submerged shore power cable. In addition, a rock dike has been constructed to +15 ft MLLW from berth 100 to the northwestern end of the Southwest Slip. For further comments or details, contact Frank Bechtolt at (562) 762-5367, Freddy Franks, Dredge Captain at (562) 762-5378, the HR Morris at (562) 762-5449, or Paul Watkins at (310) 521-1300.
Chart: 18751 LNM 17/03 dated 29 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION

OPERATIONS – Manson Construction will be conducting construction operations in the vicinity of the south side of the Pier 400 in the Port of Los Angeles **through Mar 2005**. Seven lighted danger buoys are marking the area. The perimeter of this area is at -15 ft and is marked by seven lighted danger buoys. A visual representation of the Pier 400 Submerged Storage Area is depicted at Project #5 on Enclosure (1). Mariners requiring 8 ft or greater navigational draft must remain clear of this area. Several vessels will be on scene monitoring VHF-FM Ch 8, 13, 66, and 79-A. For further comments or details, contact Paul Watkins at (310) 521-1300.
Chart: 18751 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION

OPERATIONS – The L.A. Deepening Constructors will be conducting construction operations including clam dredging, rock replacement, and cutter suction dredge operations at Pier 300 **24 hours per day through Mar 2005**. A rock dike perimeter to +9 ft MLLW will be constructed, followed by hydraulic fill operation to +15 ft MLLW. The D/B *LONG BEACH* and the D/B *LOS ANGELES*, along with the assist vessels will be on scene and monitoring VHF-FM Ch. 13, 16, 66, and 79A. A lighted warning buoy has been placed in positions: 33°44.3'N 118°14.92'W. For further comments or details, contact John Molvar or Paul Watkins at (310) 521-1300.
Chart: 18751 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – DREDGING OPERATIONS

– Great Lakes Dredge and Dock is conducting dredging operations for the Joint Ventures LA Deepening Project at Pier 400 **through 30 Jan 2004**. The DREDGE *FLORIDA* will begin work near Buoy 11 (LLNR 3117) at the beginning of the Super Tanker Channel in position 33°42.8'N 118°15.7'W and will be monitoring VHF-FM Ch. 8, 13, and 16. The dredge will be digging the area to a depth between 53 and 55 ft MLLW and will be supported by several other vessels. Several buoys will be located around the dredge, along the floating pipeline, and around the spill barge. All of these buoys will mark anchors and will be marked with lights. Mariners are advised to call ahead for passing arrangements, transit at their slowest, safest speed to minimize wake, and proceed with caution after passing arrangements have been made. For further comments or details, contact Garrett Gibson at (910) 443-3447.
Chart: 18751 LNM 01/04 dated 06 Jan 2004.

SOUTHERN CALIFORNIA – LONG BEACH – SHOALING REPORTED –

Shoaling has been reported in position 33°45.1'N 118°13.4'W. Mariners are advised to use caution when transiting the area.
Chart: 18751 LNM 01/04 dated 06 Jan 2004.

SOUTHERN CALIFORNIA – LONG BEACH – DEMOLITION WORK –

Manson Construction and Connolly-Pacific Co. are conducting demolition work at the Pier T Site in the Port of Long Beach **through Oct 2004**. The demolition work (removing Piers 1, 2, and 3) will be conducted from land and water. The waterside work will be performed using floating crane barges, workboats, and flat barges. A debris boom will be installed from the southwest end of Pier T on the west side of Pier 3. The DERRICK BARGES *LONG BEACH*, *VALKYRIE*, and *SOUTHMAN* will be monitoring VHF-FM Ch. 13, 66, and 79A. All anchors will be marked with lighted crown buoys. All mariners are advised to use caution when transiting the area. For further comments or details, contact Mike Ellis at (562) 437-2831.
Chart: 18751 LNM 12/03 dated 25 Mar 2003.

SOUTHERN CALIFORNIA – LONG BEACH – ROCK WORK –

Connolly-Pacific Company is conducting rock work at the Pier T Site in the Port of Long Beach from land and water using floating crane barges, workboats, and flat barges **through Apr 2004**. The D/B *LONG BEACH* and the D/B *LOS ANGELES* will be on scene and monitoring VHF-FM Ch. 13 and 79A. Two temporary moorings have been placed at the site in approximate position 33°27'N 118°08'W. Mariners are advised to use caution when transiting the area. For further comments or details, contact Steven Schryver at (562) 437-2831.
Chart: 18751 LNM 50/03 dated 16 Dec 2003.

SOUTHERN CALIFORNIA – NAVAL WEAPONS STATION SEAL

BEACH – RAMP CONSTRUCTION – EPC Corporation and the John S. Meek Company are conducting construction of the Naval Weapons Station Boat Ramp **through 01 Feb 2004**. The construction will result in a 110 ft long by 20 ft wide concrete boat ramp. Approximately 80 ft of the ramp will lie under the MHHW mark. The project site is adjacent to a small dock/marina. A 40 ft by 50 ft BARGE will be on scene. For further comments or details, contact John Sanders at (909) 764-3308.
Chart: 18749-2 LNM 01/04 dated 06 Jan 2004.

SOUTHERN CALIFORNIA – CHANNEL ISLANDS – WRECK –

A 79 ft wood hull fishing vessel has been reported sunk in approximate position 34°07.7'N 119°13.4'W in 69 fathoms of water. All mariners are advised to use caution when transiting the area and report any debris sightings to the U.S. Coast Guard. For further comments or details, contact BM1 Shaun Darrall at (805) 985-9822.
Chart: 18740 LNM 14/03 dated 08 Apr 2003.

SOUTHERN CALIFORNIA – VANDENBERG AIR FORCE BASE –

HAZARDOUS OPERATIONS – The U.S. Air Force will be conducting operations which are considered hazardous to surface vessels **from 0700U to 1700U 09 Jan through 11 Jan 2004** within the following offshore area: 34°53'N 120°42'W, 34°53'N 120°34'W, 34°49'N 120°34'W, 34°49'N 120°42'W. In addition, there will be operations conducted in the vicinity of 34°50'N 121°00'W, 34°53'N 121°00'W, 34°53'N 120°36'W, and 34°50'N 120°36'W. Mariners are advised to stay clear of the areas. For further comments or details, contact the 30RANS Range Scheduling Office at (805) 606-8825.
Chart: 18721 LNM 01/04 dated 06 Jan 2004.

SOUTHERN CALIFORNIA – MORRO BAY – SHOALING REPORTED –

Shoaling has been reported in Morro Bay between Lighted Buoys 4 (LLNR 3855) and 6 (LLNR 3865). Mariners are advised to use caution when transiting the area.
Chart: 18703 LNM 28/03 dated 15 Jul 2003.

SOUTHERN CALIFORNIA – SANTA CRUZ – DREDGING OPERATIONS

– The Santa Cruz Port District will be conducting dredging operations in the harbor entrance **through 30 Apr 2004**. The DREDGE *SANBRIGHT* will be on scene and monitoring VHF-FM Ch. 16. For further comments or details, contact Santa Cruz Port District at (831) 475-6161.
Chart: 18685 LNM 47/03 dated 25 Nov 2003.

General Info (Cont)

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY - WAMS ANNOUNCEMENT - The U.S. Coast Guard is conducting a Waterways Analysis Management Survey (WAMS) on the Northern Approach to San Francisco Bay, and includes analysis of the safe navigation from the Oregon border south to the San Francisco Bay entrance. WAMS are conducted periodically to better facilitate safe and effective waterways. Please submit comments to Coast Guard Marine Safety Office San Francisco Bay **by 15 Jan 2004**. For further comments or details, contact Ensign John Bannon, Waterways Management Division at (510) 437-3082.
Charts: 18600, 18620, 18640 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY -- SHOALING REPORTED -- Shoaling has been reported in Clipper Cove, at Treasure Island extending approximately 200 yds to the NNW of the charted shoal at position 37°49.1'N 122°21.8'W. Mariners are advised to use caution when transiting the area.
Chart: 18650 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY -- DREDGING OPERATIONS -- The Salt River Construction Company will conduct dredging operations in the San Rafael Canal in the county of Marin **through 01 Jun 2004**. The D/B *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rick Moseley at (415) 435-1024.
Chart: 18652 LNM 43/03 dated 28 Oct 2003.

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY -- TEMPORARY SECURITY ZONE -- The U.S. Coast Guard has established moving and fixed security zones extending 100 yds in the U.S. Territorial Waters around all high interest vessels (HIVs) that enter, are moored in, or depart from the San Francisco Bay and Delta Ports and extending 25 yds in the U.S. navigable waters surrounding the piers, abutments, fenders and pilings of the Golden Gate Bridge and San Francisco-Oakland Bay Bridge. This rule is in effect **through 1159U on 31 Mar 2004**. If the need for the security zones ends before the scheduled termination time, the Captain of the Port will cease enforcement of these security zones and this will be announced via Broadcast Notice to Mariners.
Chart: 18649 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY -- MARINE EVENTS -- Please refer to the Yacht Race Association website: www.YRA.org for yacht race schedules in the SF Bay. For further comments or details, contact MST1 Brian Clark at (415) 399-3440.
Chart: None LNM 32/03 dated 12 Aug 2003.

NORTHERN CALIFORNIA -- SAN FRANCISCO BAY -- MARINE EVENT -- Alcatraz Challenge will sponsor a swimming event involving 6 participants swimming from Alcatraz to Aquatic Park from 0700T to 0800T on 17 January 2004. All mariners are advised to exercise extreme caution when transiting this area. The Event Sponsor will be monitoring CH 14 during the event. For further details or comments contact MST1 B. Clark at (415) 399-3440.
Chart: 18650 LNM 01/04 06 Jan 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY -- ENVIRONMENTALLY SENSITIVE AREA BUOY PLACEMENT - An Environmentally Sensitive Area (ESA) is being marked along the Shores of YBI, from the Coast Guard Base around the Eastern Tip of YBI and into westernmost reaches of Clipper Cove. Regulatory buoys that say "Closed Area" with Fl 4s W lights mark the ESA. Each Buoy is in 6 ft of water and marks the eel grass beds close to shore. Between the larger buoys will also be many "Keep Out" regulatory buoys. Mariners are advised to remain clear of this area. The buoys will be in place for the entire duration of the bridge project. For further comments or details, contact Rachel Wodfield at (858) 560-5465.
Chart: 18650 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA -- OAKLAND ESTUARY -- SEISMIC RETROFIT -- CalTrans will be installing stone columns and jet grout columns as part of the seismic retrofit project of the Webster and Posey Tunnels **24 hours per day, 7 days per week through 15 Mar 2004**. Up to three BARGES will be positioned over the tunnels, which will be blocking only half of the channel at once and monitoring VHF-FM Ch. 13, 14, and 74. Mariners are advised to use caution when transiting the area. For further comments or details, contact Christopher Wike (510) 523-4652.
Chart: 18650 LNM 21/03 dated 27 May 2003.

NORTHERN CALIFORNIA -- SAN LEANDRO -- SURVEY OPERATIONS -- The U.S. Geological Survey have temporarily installed survey equipment adjacent to the San Leandro Marina between positions 37°40.7'N 122°11.2'W and 37°40.2'N 122°10.9'W. There are 10 meter by 10 meter blocks of conduit every 100 meters along this area. Orange 2 ft long buoys are marking each end of each block. The conduit is approximately 5 ft tall and is in 1 ft of water. The equipment will be in place **through Apr 2004**. Mariners are advised to use caution when transiting the area. For further comments or details, contact Dan Gaube at (707) 562-2004.
Chart: 18652 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA -- CONCORD NAVAL WEAPONS STATION -- SAFE PASSAGE ZONE ESTABLISHED -- The U.S. Coast Guard has established a safe passage zone around the Concord Naval Weapons Station in the vicinity of Port Chicago Reach. Four buoys marking the limits are yellow with black lettering reading "A", "B", "C", "D" and are in positions: 38°03.9'N 122°01.1'W, 38°03.9'N 122°00.8'W, 38°03.9'N 122°00.5'W, and 38°03.8'N 122°00.2'W, respectively.
Chart: 18652 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA -- SUISUN BAY -- SUNKEN VESSELS - Two sunken vessel have been reported in the reserve fleet area: one is in approximate position 38°04.7'N 122°04.9'W. Also, a second vessel, a 17.5 ft white with blue hull sailboat, is capsized and anchored in position 38°03.82'N 122°05.92'W
Chart: 18656 LNM 29/03 dated 22 Jul 2003.

NORTHERN CALIFORNIA -- SAN RAFAEL CREEK -- DREDGING OPERATIONS -- Western Dock Enterprises is conducting dredging operations in the San Rafael Creek **through 31 May 2004**. D/B *I, II*, and TUGS *HAYDEN BAY* and *POWER PUSHER* are on scene and monitoring VHF-FM Ch. 13, 14, and 79. The disposal site is at Alcatraz Disposal Site SF-11. Dump scows are anchored Southwest of the San Pablo Strait, Marker #17, and south of the San Rafael Creek in -- 6.0 ft of water during the operation. For further comments or details, contact Les Shorter at (707) 765-4646.
Chart: 18649 LNM 50/03 dated 16 Dec 2003.

NORTHERN CALIFORNIA -- AMERICAN RIVER -- DREDGING OPERATIONS -- Dutra Construction Company will be conducting dredging operations in the American River at River Mile 1.8L **8 hours per day, 5 days a week through 18 Jan 2004**. The CLAMSHELL DREDGE D/B 3 and TUGS *SHARON BRUSCO AND MIKE BRUSCO* will be on scene and monitoring VHF-FM Ch. 13, 14, and 80. Mariners are advised to use extreme caution when transiting the area. For further comments or details, contact Chuck Walker at (707) 974-9935.
Chart: 18661 LNM 50/03 dated 16 Dec 2003.

NORTHERN CALIFORNIA -- SOLANO COUNTY -- SUBMERGED VESSEL -- A submerged 20 ft derelict pleasure craft has been reported near Hunters Cut. The vessel is marked with an orange and white buoy displaying a flashing yellow light in position 38°09.86'N 122°02.64'W.
Chart: 18661 LNM 01/04 dated 06 Jan 2004.

06 Jan 2004

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WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 01/04

General Info (Cont)

NORTHERN CALIFORNIA – PORT SONOMA – DREDGING OPERATIONS – Camenzind Dredging will be conducting dredging operations at the Port Sonoma Marina **24 hours per day from 29 Oct 2003 through 31 Jan 2004** in approximate position 38°06'N 122°30'W. The DREDGE *PAUL VINCENT* and several workboats will be on scene and monitoring VHF-FM Ch. 11 and 16. The disposal area is North Central Pond at the Carneros River Ranch. A floating submerged pipeline will be marked with yellow floats and the anchors will be marked with white buoys. Mariners are advised to use caution when transiting the area. For further comments or details, contact Brian Swedberg at (707) 778-8055.
Chart: 18649 LNM 42/03 dated 21 Oct 2003.

NORTHERN CALIFORNIA - SAN JOAQUIN RIVER - SUNKEN TUG - A partially sunken tug has been reported in the San Joaquin River near Lighted Buoy 21 (LLNR 6745) in position 38°02.457'N 121°42.225'W. The wheelhouse and the engine stacks are visible out of the water. The tug is approximately 100 yds out of the navigation channel to the north. Mariners are advised to use caution when transiting the area.
Chart: 18662 LNM 39/03 dated 30 Sep 2003.

NORTHERN CALIFORNIA – SAN JOAQUIN RIVER – DREDGING OPERATIONS – Ross Island Sand and Gravel Company will be conducting dredging operations in the San Joaquin River between Lights 19 (LLNR 7020) and 23 (LLNR 7040) **through 11 Jan 2004**. The disposal area will be located in the vicinity of Light 32 (LLNR 7085) on Roberts Island. The DREDGE 7 will be on scene. Mariners are advised to use caution when transiting the area. For further comments or details, contact Dave Willoughby at (209) 993-0609.
Chart: 18652 LNM 48/03 dated 02 Dec 2003.

ARIZONA - COLORADO RIVER - MARINE EVENT SAFETY ZONE PROPOSAL – The IWSRA PARKER MARATHON WATER SKI RACE will take place **from 0800U to 1600U on 13 and 14 Mar 2004**. The USCG Activities San Diego Marine Event Coordinator is seeking public comment for the proposed marine event and safety zone. This event will consist of approximately 150 to 200 21ft ski boats and skiers racing in heats from the Blue Water Resort to La Paz County Park. The proposed safety zone will close this reach of the Colorado River for the safety of the participants and spectators. For further comments or details, contact OSC Doug Samp (619) 683-6309.
Chart: None LNM 51/03 dated 23 Dec 2003.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS - Questions regarding bridge operations, discrepancies, regulations or permit applications, please contact: Eleventh Coast Guard District Bridge Section, Coast Guard Island, Building 50-3, Alameda, CA 94501-5100 Phone: (510) 437-3514 or the Coast Guard Command Center at (510) 437-3701. Flotsam and drift may have accumulated on and near bridge piers and abutments and mariners should approach all bridges with caution.

SOUTHERN CALIFORNIA – ALAMITOS BAY, LONG BEACH – 2nd STREET WEST HIGHWAY BRIDGE RETROFIT – Floating containment boom and scaffolding is located in various spans **through March 2004**. Scaffolding reduces vertical clearance below the bridge by approximately 5 ft and will be lighted at night with white lights. Mariners are requested to use alternate routes during the project. Chart: 18749 LNM 15/03 dated 15 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES MAIN CHANNEL – VINCENT THOMAS BRIDGE – A 16 ft wide scaffolding periodically located in the channel span reduces vertical clearance by 9 ft. The scaffolding will be moved out of the channel at night and when not in use. The bridge provides 185 ft vertical clearance above Mean High Water for the mid 500 ft of the channel span. Chart: 18751 LNM 31/03 dated 05 Aug 2003.

SOUTHERN CALIFORNIA – NEWPORT BAY – LIDO ISLE BRIDGE RETROFIT – Scaffolding installed below low steel for the entire width of the bridge reduces vertical clearance by approximately 8 ft, and is lighted at night with red lights. Mariners are requested to use alternate routes during the project. Chart: 18754 LNM 38/03 dated 23 Sep 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - GOLDEN GATE BRIDGE - Two scaffolds located in the main navigation channel span, and one scaffold in the southern span, reduce vertical clearance by approximately 12 ft and are lighted at night with red lights. The Golden Gate Bridge District has requested 48 hrs advance notice to move scaffolding. Scaffolding is moved to the piers when not in use. Chart: 18650 LNM 01/03 dated 07 Jan 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE RETROFIT - WEST OF YBI – Scaffolding, between piers A, B, C, D, E, and F reduces vertical clearance by approximately 10 ft. All scaffolding is lighted at night. A work barge may be located in any span in support of scaffolding relocation or pier rehab. Updated information on barge locations and scaffolding movements will be provided by Broadcast Notice to Mariners. Chart: 18650 LNM 31/02 dated 05 Aug 2002.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT- EAST OF YBI: Bridge construction is in progress on the north side of the existing bridge and extends from the Oakland shoreline to the main navigation opening east of YBI. Numerous piers are being constructed using floating equipment with anchor wires extending up to 1,100 ft in any direction. A temporary barge loading ramp is under construction at Wharf 7 near the Oakland Outer Harbor. Stationary and floating obstructions are lighted at night with fixed white lights. Anchor wires may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by going around the construction and using the main navigational channel east of YBI. Mariners may contact the D/B *GENERAL* or the D/B *VANCOUVER* via VHF-FM Ch 66, or by telephone at (510) 508-0250, to determine conditions at the bridge. Chart: 18650 LNM 51/03 dated 23 Dec 2003.

NORTHERN CALIFORNIA - CHINA BASIN - 4th STREET DRAWBRIDGE RETROFIT- The 4th Street Drawbridge has been removed from the waterway. The estimated time of reinstallation is **Apr 2004**. Floating equipment, cofferdams, and silt curtains located between the channel piers provide at least 35 ft horizontal clearance. Obstructions are lighted at night with red lights. Floating equipment can be moved upon one-hour notice by contacting (415) 716-8358 or (415) 554-8351. Chart: 18650 LNM 27/03 dated 08 Jul 2003.

NORTHERN CALIFORNIA – ISLAIS CREEK – 3rd STREET DRAWBRIDGE RETROFIT- The draw span is secured in the closed-to-navigation position **until 02 Sep 2004**, for seismic retrofit and rehabilitation. The bridge provides approximately 4.4 ft vertical clearance above mean high water when closed. Containment tarps under the bridge reduce horizontal clearance by approximately 70 ft. Chart: 18650 LNM 30/03 dated 29 Jul 2003.

NORTHERN CALIFORNIA – ISLAIS CREEK – DRILLING OPERATIONS – A 34x100-ft ship will be spudded in the channel **during daylight hours 12 through 16 Jan 2004**, approximately 100 ft downstream of the 3rd Street drawbridge. The ship will reduce horizontal clearance in the channel by approximately 100 ft and will be unable to move due to drilling operations. Mariners should contact the ship via VHF-FM Channels 14 and 16 to make passing arrangements. Chart: 18650 LNM 51/03 dated 23 Dec 2003.

NORTHERN CALIFORNIA – ISLAIS CREEK - PROPOSED NEW BRIDGE - The Coast Guard is reviewing the location and plans for a proposed new drawbridge across Islais Creek, mile 0.3, at Illinois Street, Southern waterfront area of San Francisco. The proposed drawbridge navigational clearances are as follows: Drawspan open to navigation Horizontal Clearance: 65 ft. (19.81 m.) and Drawspan closed to navigation 65 ft. (19.81 m.) normal to the channel. Vertical Clearance: Unlimited 5.2 ft. (1.58 m.) above Mean High Water. Mariners are requested to comment on the need for pier protection and other navigational safety issues, including the need for clearance gauges and the extent of nighttime navigation through the bridge. Interested parties are requested to express their views in writing, giving sufficient detail to establish a clear understanding of their reasons for support or opposition to the proposed work. Comments will be received for the record at the office of the Commander, Eleventh Coast Guard District (oan), Building 50-3, Coast Guard Island, Alameda, CA 94501-5100 **through 09 Feb 2004**. The proposed bridge drawings and locator map are included at the end of this Local Notice to Mariners and available online at <http://www.navcen.uscg.gov/lnm/d11/> Chart: 18650 LNM 01/04 dated 06 Jan 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - RICHMOND-SAN RAFAEL HIGHWAY BRIDGE RETROFIT – Scaffolding in both navigation channel spans reduces vertical clearance by approximately 8 ft. Barge anchor wires extending approximately 75 ft into the channel and 300 ft upstream and downstream at the west side of the east channel span can be moved if requested upon one hour advance notice. Floating equipment, periodically blocking the east channel span, will be unable to move for passage of vessels. Updates will be provided by Broadcast Notice to Mariners. Anchor wires may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by going around the construction and using the main navigational channel. Mariners are requested to contact the TUG *APRIL T* via VHF-FM Ch 13 approximately 20 mins in advance to discuss wake issues and passing arrangements. Mariners may contact Coast Guard VTS for assistance in establishing communications with the bridge. Chart: 18654 LNM 48/03 dated 02 Dec 2003.

06 Jan 2004

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LNM 01/04

Bridge Info (Cont)

NORTHERN CALIFORNIA – PETALUMA RIVER – BLACKPOINT RAILROAD DRAWBRIDGE – The sheer fence on the northwest side of the pivot pier and swing span is damaged, and may not provide adequate protection for the bridge. Steel protruding approximately two inches channelward from the top of the rest piers may damage vessels, and mariners are advised to avoid contact with the rest piers. Electrical cable is suspended below low steel of the approach span and presents a hittable obstruction for smaller vessels using those openings.
Chart: 18654 LNM 26/03 dated 01 Jul 2003.

NORTHERN CALIFORNIA – NAPA RIVER- MAXWELL IMOLA AVE DRAWBRIDGE REPLACEMENT – Construction is in progress on the upstream side of the existing drawbridge. Temporary cofferdams and trestles, extending channelward from the bank, reduce horizontal clearance to 65 ft and are lighted at night with red lights.
Chart: 18654 LNM 24/03 dated 17 Jun 2003.

NORTHERN CALIFORNIA – CARQUINEZ STRAIT – I-80 HIGHWAY BRIDGE REPLACEMENT – Four travelers installed below low steel of the replacement bridge reduce vertical clearance by 4 ft or less in the northernmost 160 ft of the north channel and southernmost 320 ft of the south channel, and are lighted at night with red lights. Mariners should contact *CARQUINEZ BRIDGE* via VHF-FM Ch 13 at least 10 minutes in advance to stop welding and to make passing arrangements.
Chart: 18655 LNM 49/03 dated 09 Dec 2003.

NORTHERN CALIFORNIA - CARQUINEZ STRAIT – UNION PACIFIC RAILROAD DRAWBRIDGE – A 180x34 ft crane barge and tug will be adjacent to the non-channel sides of the north and south channel piers, during **daylight hours through 16 Jan 2004**. The floating equipment will be engaged in removing metal handrails from the channelward faces of the fender system, and is capable of moving upon 20 minutes notice for emergencies. Mariners should contact the CSM Barge 38 via VHF-FM Channels 14 and 69 to make passing arrangements.
Chart: 18657 LNM 51/03 dated 23 Dec 2003.

NORTHERN CALIFORNIA - CARQUINEZ STRAIT – BENICIA/ MARTINEZ, NEW I-680 HIGHWAY BRIDGE CONSTRUCTION - Floating equipment with anchor wires and new bridge piers, limit horizontal clearance upstream of the UP Railroad Drawbridge to approximately 510 ft. Floating equipment at these locations can be moved within 3 hours advance notice when a tug is present and within 6 hours when a tug is not present, when required for the safe passage of vessels. Mariners should contact the *Westar Marine Tug at Benicia Bridge* via VHF-FM Ch 13 to make passing arrangements. Bridge pier construction is in progress along the entire length of the bridge, with anchor lines extending 800 ft upstream and downstream from the bridge. Anchor wires may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by going around the construction and using the main navigational channel. For work away from the main channel span, mariners should contact the D/B *PACIFIC*, the D/B *HAAKEN*, or the D/B *LA*, via VHF-FM Ch. 13, 14 and 67, to discuss wake issues and passing arrangements.
Chart: 18657 LNM 52/03 dated 30 Dec 2003.

NORTHERN CALIFORNIA – SAN JOAQUIN RIVER – DRILLING OPERATIONS- Drilling operations are in progress **during daylight hours through Jan 2004**, midway between the Burlington Northern and Santa Fe Railroad and the State Highway 4 bridges, near Stockton. The drill barge and anchors can be moved upon 30 min advance notice if necessary for passage of vessels. Mariners should contact Taber Construction via VHF-FM Ch. 9, or Laurel Karren at (916) 286-0347 in advance to make passing arrangements.
Chart: 18661 LNM 52/03 dated 30 Dec 2003.

NORTHERN CALIFORNIA - HUMBOLDT BAY –SAMOA BRIDGES SEISMIC RETROFIT – Temporary trestle construction is in progress out of the channel at the western shore of the Samoa Channel. The trestle is lighted at night with white lights.
Chart: 18622 LNM 39/03 dated 30 Sep 2003.

NORTHERN CALIFORNIA - THREE MILE SLOUGH - EMERGENCY DRAWBRIDGE OPERATING CHANGE - The lift cables of the Three Mile Slough drawbridge near Rio Vista are deteriorating at an accelerated rate and are being replaced to avoid catastrophic failure and disabling of the drawbridge. CalTrans engineers have determined that reducing the number of bridge openings to twice daily at 1000U and 1500U will preserve the remaining lift cables until replacements can be fabricated and installed. The emergency operation and repair will be **in progress through April 2004**. Cables will be replaced **between the hours of 1900U and 0500U during April 2004**. The bridge will continue to open upon demand for emergency response vessels and commercial traffic. Mariners should contact the bridge via VHF-FM Ch. 16 and 9 to determine conditions at the bridge.
Chart: 18661 LNM 50/03 dated 16 Dec 2003.

NORTHERN CALIFORNIA - NOYO RIVER - HIGHWAY 1 BRIDGE REPLACEMENT - Fenders beneath the existing bridge reduce horizontal clearance in the navigation channel to approximately 100 ft, and are lighted at night with red lights. Work is in progress 24 hours per day, 7 days per week. Brief delays to vessel traffic should be expected during steel erection and movement of construction

equipment across the channel. Flag boats are provided to notify mariners when construction equipment is moving. Updated information will be provided via Broadcast Notice to Mariners. Mariners should contact MCM Construction Base, via VHF-FM Ch 16, or telephone (707) 964-4518, to make passing arrangements.
Chart: 18626 LNM 26/03 dated 01 Jul 2003.

NORTHERN CALIFORNIA - MARE ISLAND STRAIT/ NAPA RIVER - MARE ISLAND DRAWBRIDGE, PROPOSED REGULATION CHANGE - The City of Vallejo has requested changing the governing drawbridge regulation to increase the advance notice time periods for bridge operation. The time periods proposed by the city coincide with documented periods when little or no vessel traffic has called the bridge for an opening. The Coast Guard is also considering deleting the rush-hour closure periods when the drawbridge need not open for vessels. Mariners are invited to read and comment on the Notice of Proposed Rule Making published in the Federal Register, November 25, 2003, Volume 68, No 227, Page 66059, via the internet at <http://www.gpoaccess.gov/fr/index.html> prior to the conclusion of the comment period on **26 Jan 2004**.
Chart: 18654 LNM 48/03 dated 02 Dec 2003.

VIII. CORRECTIONS TO LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2003

(*Denotes the column in which a correction has been made or new information added.)

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

CALIFORNIA - Eleventh District

None.

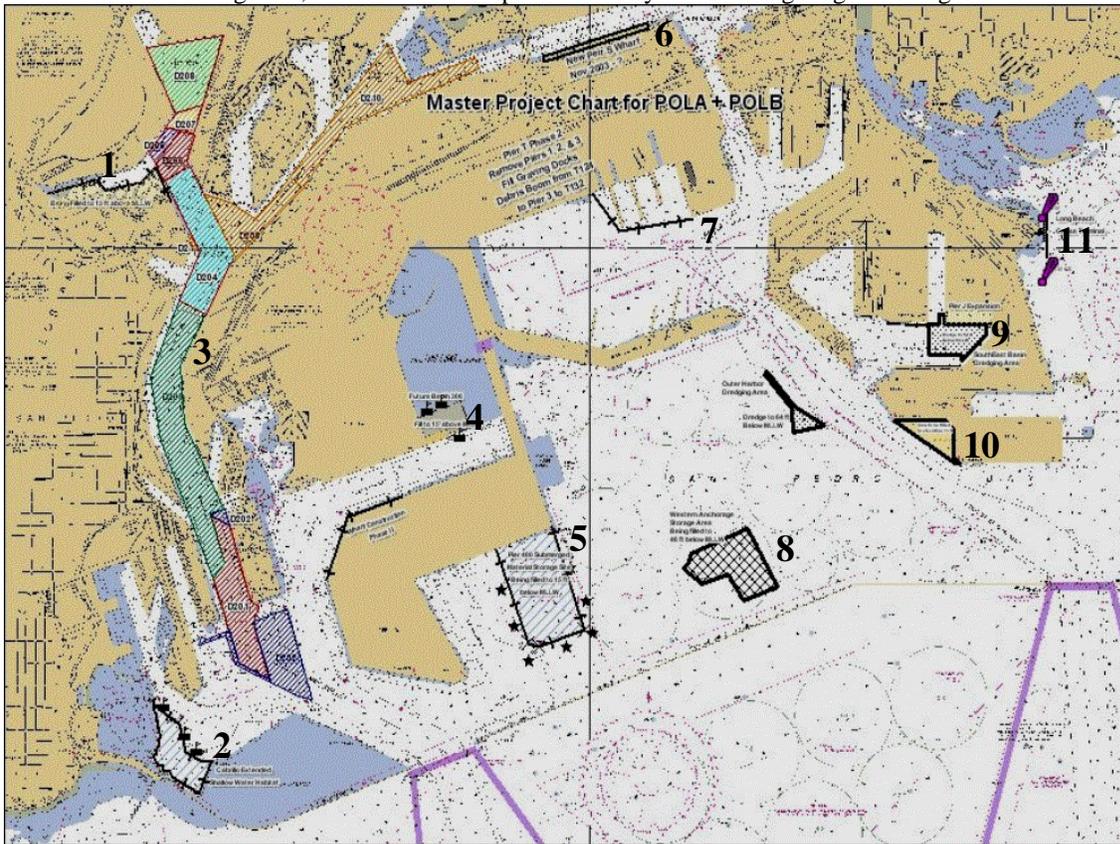
IX. ADDITIONAL ENCLOSURES

Enclosure (1)- Chartlet of Los Angeles Long Beach Construction Sites
Enclosure (2)- Glossary of Terms
Enclosure (3)- Bridge Proposal
Enclosure (4)- Bridge Proposal (cont)

M. L. Van Houten
U.S Coast Guard
Acting Chief, Aids to Navigation and
Waterways Management Branch

Enclosure (1)

The following is not intended for navigation, but is included to provide clarity for the Long Angeles/Long Beach Construction Site.



Project 1 on the current projects chartlet is the filling in of the Southwest Slip in Los Angeles. This project is underway and the fill material is already visible above the waterline. This area will be reformatted for new pier space.

Project 2 on the current projects chartlet is a shallow water habitat extension. This area is being filled with the dredged material from the harbor. This site was needed to replace the shallow water habitat that has been lost due to all of the construction in the harbor.

Project 3 on the current projects chartlet is the dredging of the harbor. The harbor is being dredged down to a depth of 53 feet.

Project 4 on the current projects chartlet is the extension of Pier 300. This project is going to lengthen the current pier, as well as add some depth to the pier. The construction of the pier will not have a negative affect to navigable waters, as it is in a temporary shallow water habitat.

Project 5 on the current projects chartlet is the extension of Pier 400. Currently the area is being filled in to a depth of 15 feet. Eventually the area will be completely filled in and a pier constructed in its place.

Project 6 on the current projects chartlet is the construction of the Pier S Wharf.

Project 7 on the current projects chartlet is the reconfiguration of Piers 1, 2, and 3 that are located next to Pier T. These piers are currently being demolished. The plan for this area is to create one long pier face that runs southwest to northeast on Pier T. This pier will be used for commercial traffic.

Project 8 on the current projects chartlet is the filling in of the Anchorage Storage area to a depth of 46 ft.

Project 9 on the current projects chartlet is the extension of Pier G in the Southwest Basin.

Project 10 on the current projects chartlet is the extension of Pier J.

Project 11 on the current projects chartlet is the construction of the Queen Mary Terminal. This project has been completed.

Enclosure (2)

Glossary of Terms

APP - Approach
BY - Buoy
BB - Bell Buoy
BNM - Broadcast Notice to Mariners
BR - Bridge
BRKW - Breakwater
CFR - Code of Federal Regulations
CH - Channel
COLREGS - International Regulations for Preventing Collisions at Sea
COLREGS DEMARCATION LINE - The separation of international and inland waterways
CRK - Creek
DB - Derrick Barge
DBN - Day beacon
DEG - Degree
dGPS - Differential Global Positioning System
DOLPHIN - A cluster of pilings
DWSC - Deep Water Ship Channel
E - East
EBB - Tidal current toward the sea
F - Fixed
FENDER - The protection system at a bridge
FL - Flashing
FLOOD - Tidal current toward the shore.
FS/FOGSIG - Fog Signal
GB - Gong Buoy
GPS - Global Positioning System
HB - Horn Buoy
HBR - Harbor
HWY BR - Highway Bridge
IS - Island
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LDG - Landing

LEAF - The movable portion of a bascule bridge
LGB - Lighted Gong Buoy
LHB - Lighted Horn Buoy
LK - Lake
LLNR - Light List Number
LMB - Lighted Mooring Buoy

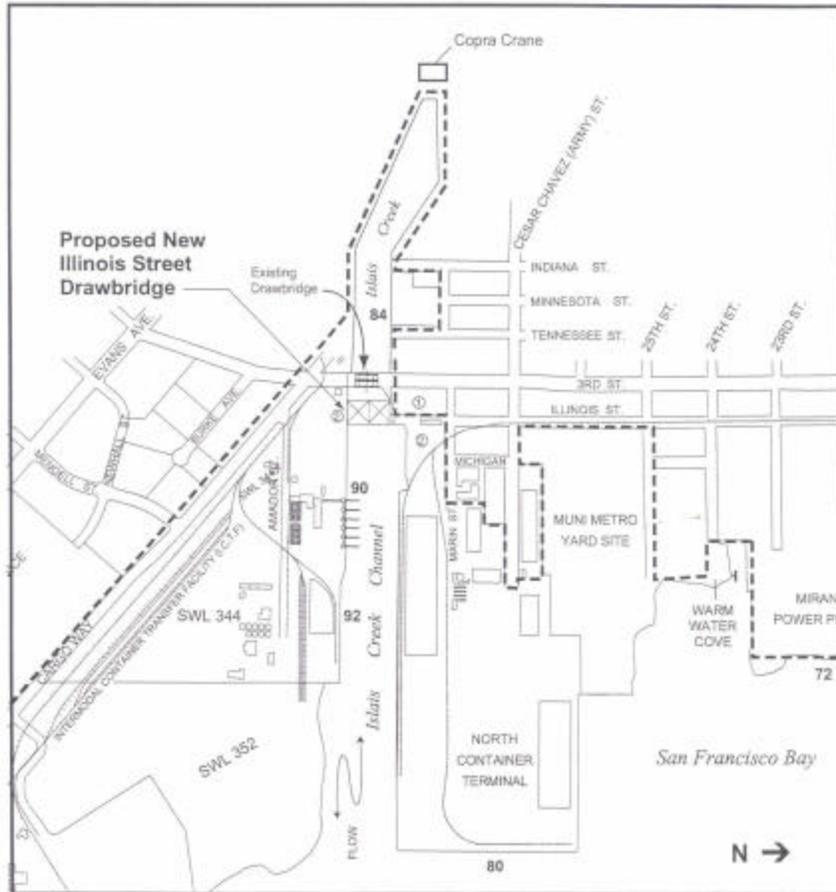
LNM - Local Notice to Mariners
LT - Light
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MB - Mooring Buoy
MHW - Mean High Water
MKR BY - Marker Buoy
MLLW - Mean Lower Low Water
MSO - Marine Safety Office
M/V - Motor Vessel
N - North
NM - Nautical Mile
NMS - National Marine Sanctuary
Northern California - From Point Conception north to California/Oregon state line
NPS - National Park Service
NWR - National Wildlife Refuge
PT - Point
Q - Quick
RACON - Radar Beacon
RB - Regulatory Buoy
RCK - Rock
RF LT - Range Front Light
RIV - River
RR - Railroad
RR BR - Railroad Bridge
RR LT - Rear Range Light
SLGH - Slough
S - South
SOUTHERN CALIFORNIA - South of Point Conception to the California/Mexico Border -
SPD - Speed
SOFFIT - The "low steel" or other point restricting vertical clearance on a bridge
TRLB - Temporary Lighted Buoy
TRUB - Temporary Unlighted Buoy
USC - United States Code
VTS - Vessel Traffic Service
W - West
WB - Whistle Buoy
WHF - Wharf
WR - Wreck

In addition, there are numerous definitions and explanations of terms in the Light List, COMDTPUB P16502.6 Light List, Volume VI, 2003 edition. The light list is available from: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, GPO stock number: 050-012-00403-0, Phone number: (202) 512-1800-Price \$31.00 or from <http://www.navcen.uscg.gov/pubs/LightLists/V6COMPLETE.PDF>

06 Jan 2004

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LNM 01/04



LEGEND

86 Pier Number
 - - - - - Port Jurisdiction
 ———— Freight Rail Line

Port of Owners:
 ① William Spenser
 ② Port of San Francisco



PROPOSED NEW ILLINOIS STREET DRAWBRIDGE
 Islais Creek - MP .3m (.5km) San Francisco, CA
 Port of San Francisco - November 17, 2003
 Sheet 1 of 2

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