



U.S. Department of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS MONTHLY EDITION

District: 11

Week: 40/04

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0753-04 to BNM 0787-04 has been incorporated in this notice 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 on our website at <http://www.uscg.mil/d11/oan> or contact BM2 Rachel Mentz at (510) 437-2970 or rmentz@d11.uscg.mil. LNM 40/04 dated 05 Oct 2004.

dGPS STATUS AS OF 05 OCT 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:

Flagstaff, AZ 1600Z-1800Z 09 Oct 2004
Alternate Date 1600Z-1800Z 10 Oct 2004
LNM 40/04 dated 05 Oct 2004.

LORAN-C STATUS AS OF 05 OCT 2004:

Loran-C stations for 8290, 9610 and 9940 Chains are on air. **Lorsta Searchlight (Rate 9610-W/9940-Y) will be unusable from 1700 GMT 02 Nov to 0100 GMT 03 Nov 2004 with an alternate time and date of 1700 GMT 03 Nov to 0100 GMT 04 Nov 2004 and from 1700 GMT to 2100 GMT on 04 Nov 2004 with an alternate time and date of 1700 GMT to 2100 GMT on 05 Nov 2004.** For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7518. Current Loran-C Status is available 24 hrs per days through the Internet at: <http://www.navcen.uscg.gov>. LNM 40/04 dated 05 Oct 2004.

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

<u>LLNR</u>	<u>NAME OF AID</u>	<u>STATUS</u>	<u>CHARTS AFFECTED</u>	<u>BNM REF.</u>	<u>LNM REF.</u>
1571.00	Ballast PT Shoal Buoy	PARTIALLY SUBMERGED	18765	0748-04	39-04
3820.02	Port San Luis CH LB 5	OFF STATION	18703	0718-04	39-04
5530.00	Core Madera CH LT 4	DESTROYED	18649	0774-04	40-04*
5590.00	Corte Madera CH LT 17	DESTROYED	18649	0762-04	40-04*
6470.00	Roe Island CH Range Front LT	DAMAGED	18656	0445-04	25-04

DISCREPANCIES CORRECTED:

3.00	Imperial Beach Research Buoy	WATCHING PROPERLY	18740	0531-04	35-04
1575.00	Zuniga PT Degaussing Range E Buoy	WATCHING PROPERLY	18765	0750-04	39-04
2460.00	Newport Bay CH LT 8	WATCHING PROPERLY	18469	0738-04	39-04

05 Oct 2004

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 40/04

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

4960.00	San Bruno Shoal CH LT 4	TRLB	18651	1070-03	41-03
6070.00	Petaluma River Entrance CH LT 20	LEANING/TRLB	18654	0362-04	21-04
6090.00	Mare Island Strait LT 1	TRLB	18654	0654-04	35-04
6557.00	Suisun Bay CH LT 24A	TRLB	18654	0047-04	03-04
6600.00	New York Slough LT 2	TRLB	18654	1167-03	45-03
6625.00	New York Slough LT 5	TRLB	18654	0839-03	32-03
6646.00	New York Slough Lighted Buoy 13	TRLB	18654	0555-04	31-04
6765.00	San Joaquin River LT 26	TRLB	18661	0493-04	27-04
7945.00	Bodega HBR CH DBN 34	TRUB	18643	0829-03	32-03

TEMPORARY CHANGES CORRECTED:

8115.00	Noyo River LT 9	WATCHING PROPERLY	18626	0400-04	23-04
---------	-----------------	-------------------	-------	---------	-------

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

(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).

18020	37 th ed. Delete	09/01/2003	NAD 83	Last LNM: 29/04 CA - SAN DIEGO TO CAPE MENDOCINO Cojo Anchorage Special Purpose Buoy W Or	(CGD11) at	40/04 36°26'31.000"N 120°23'40.000"W
18022	34 th ed. Delete	11/01/2003	NAD 83	Last LNM: 32/04 CA - SAN DIEGO TO SAN FRANCISCO BAY Cojo Anchorage Special Purpose Buoy W Or	(CGD11) at	40/04 36°26'31.000"N 120°23'40.000"W
18626	15 th ed. Change	09/16/2000	NAD 83	Last LNM: 18/04 CA - ELK TO FORT BRAGG Noyo River Lt 9 FI G 2.5s 15ft 5M "9" to FI G 2.5s 15ft 3M "9"	(CGD11) at	40/04 39°25'39.652"N 123°48'20.374"W
18649	63 rd ed. Delete	09/01/2003	NAD 83	Last LNM: 39/04 CA - ENTRANCE TO SAN FRANCISCO BAY Molate Point South End Light Oc R 4s 32ft 8M HORN Navy Molate Point North End Light Iso R 6s 30ft 8M Navy	(CGD11) at at	40/04 37°56'42.000"N 122°25'36.000"W 37°56'48.000"N 122°25'38.000"W
18652	32 nd ed. Delete	07/01/2003	NAD 83	Last LNM: 39/04 CA - FOLIO SMALL CRAFT SAN FRANCISCO BAY TO ANTIOCH Molate Point South End Light Oc R 4s 32ft 8M HORN Navy Molate Point North End Light Iso R 6s 30ft 8M Navy	(CGD11) at at	40/04 37°56'42.000"N 122°25'36.000"W 37°56'48.000"N 122°25'38.000"W
18653	9 th ed. Delete	09/01/2003	NAD 83	Last LNM: 39/04 CA - SAN FRANCISCO BAY-ANGEL ISLAND TO POINT SAN PEDRO Molate Point South End Light Oc R 4s 32ft 8M HORN Navy Molate Point North End Light Iso R 6s 30ft 8M Navy	(CGD11) at at	40/04 37°56'42.000"N 122°25'36.000"W 37°56'48.000"N 122°25'38.000"W

Chart Corrections (Cont)

18751	42 nd ed. 12/01/2001	NAD 83	Last LNM: 29/04	(CGD11)	40/04
	CA - LOS ANGELES AND LONG BEACH HARBORS				
	Add South Directional Light F WGR 120ft,		at 33°44'58.780"N	118°12'47.900"W	
	North Directional Light F WGR 105ft		at 33°46'19.740"N	118°13'30.020"W	
18773	39 th ed. 08/30/2003	NAD 83	Last LNM: 38/04	(CGD11)	40/04
	CA-SAN DIEGO BAY				
	Relocate San Diego Bay Ent Range Front Lt from 32°42'18.174"N	117°14'00.972"W	to	32°42'17.970"N	117°14'00.883"W

SECTION V – ADVANCE NOTICES AND PROPOSED CHANGES

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 when transiting these areas.

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 to the District Office unless otherwise noted.

None.

SECTION VI – GENERAL

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

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

SOUTHERN CALIFORNIA – SAN DIEGO – The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the entrance of the Port of San Diego. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication, capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact Lieutenant F. Lee Stenson (619) 683-6493 **by 21 Oct 2004**. Chart: 18022 LNM 30/04 dated 27 Jul 2004.

SOUTHERN CALIFORNIA – SAN DIEGO - Mariners are notified that the following area is a Regulated Navigation Area: All waters of the San Diego Bay region encompassed by a line commencing at Point La Jolla 32°51'06"N 117°16'42"W; thence proceeding seaward on a line bearing 255 deg true to the outermost extent of the contiguous zone; thence proceeding southerly along the outermost extent of the contiguous zone to the intersection of the maritime boundary with Mexico; thence proceeding easterly, along the maritime boundary with Mexico to its intersection with the California coast; thence proceeding northerly, along the shoreline of the California coast, and including the inland waters of San Diego harbor, Ca and Mission Bay, Ca--back to the point of origin. No vessel greater than 100 gross tons, including tug and barge combinations, intending to enter or transit through the port of San Diego shall enter, move within, or be present within the port unless authorized by the Captain of the Port (COTP). Vessels must request permission via Ch. 16 immediately upon entering the RNA. However, to avoid potential delays, we recommend requesting permission from the COTP 30 mins prior to entering the RNA. A final rule establishing this as a permanent RNA **will be in place 31 Oct 2004**. Chart: 18774 LNM 28/04 dated 13 Jul 2004.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – CONSTRUCTION OPERATIONS - Marathon Construction Corporation will be repairing the Chollas Creek fender system and Quaywall **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 – DIVING OPERATIONS – The United States Navy will be conducting diving operations **through 31 Dec 2004** in the vicinity of North Island. Operations will involve inert mines and other submerged objects in an area bound by the following coordinates: 32°40.22"N 117°12.68"W 32°40.24"N 117°11.81"W, 32°41.21"N 117°11.81"W, 32°41.20"N 117°12.68"W. Mariners are advised to use caution when transiting the area. Chart: 18733 LNM 05/04 dated 03 Feb 2004.

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

SOUTHERN CALIFORNIA - CAMP PENDLETON - EXPEDITIONARY FIGHTING VEHICLE TESTING - The U.S. Marine Corps is testing the Expeditionary Fighting Vehicle (EFV) **24 hours a day through June 2008** off of Camp Pendleton, from the Oceanside Harbor entrance to San Mateo Point and to 25 NM off shore. There may be as many as (4) EFVs testing at the same time and as many as (4) 10 meter RHIBs and (1) MK-6 workboat supporting testing and in the vicinity of the EFVs. All vessels will have lighting in accordance with regulations. There may be times when spotlights and or strobe lights will be visible in the test area. All support vessels in the test team will be monitoring RADAR and marine band channel 81a. The Water Safety Officer will be monitoring 81a as well. For further comments or details, contact OSC Doug Samp at (619) 683-6309. Chart: 18740 LNM 19/04 dated 11 May 2004.

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.

05 Oct 2004

LNM 40/04

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

General Information (Cont)

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. 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, Connelly Pacific, and Great Lakes Dredge and Dock 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 using the DREDGE FLORIDA. 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 position: 33°44.30'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 – GEOPHYSICAL SURVEY – Fugro West, Inc. will be conducting a geological/geophysical survey offshore California between positions 34°30.3'N 119°43.9'W and 33°58.9'N 119°13.8'W **from 0600T to 1800T through 15 Oct 2004**. M/V ZEPHYR will be on scene and monitoring VHF-FM Ch. 16 and will be towing a maximum of 2,500 ft of cable. For further comments or details, contact Robin Villa at (805) 650-7000. Chart: 18720 LNM 35/04 dated 31 Aug 2004.

SOUTHERN CALIFORNIA – LONG BEACH – FIREWATER SYSTEM – CMAC Construction Company will be constructing a new firewater system at Pier B, berths 84 and 86 at the Port of Long Beach in Long Beach **through Dec 2004**. The construction will consist of an inlet structure piping, hydrants, 23 by 26 foot concrete table top, fuel tank, diesel-driven pump, shelter and four new concrete piles driven to -75 MLLW. For further comments or details, contact Tyrone McLaine at (310) 522-6280. Chart: 18751 LNM 10/04 dated 09 Mar 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 – DREDGING OPERATIONS – Manson Construction will be conducting dredging operations at the Port of Long Beach, Pier D, Berth D-36 and D-37 **during daylight hours through 15 Oct 2004**. The D/B SOUTHMAN and M/V JEFFERY-M will be on scene and monitoring VHF-FM Ch. 16 and 66. The D/B will be positioned on spuds and anchors. For further comments or details, contact Eric Faria at (562) 762-5396. Chart: 18751 LNM 38/04 dated 21 Sep 2004.

SOUTHERN CALIFORNIA – LONG BEACH – DREDGING OPERATIONS – Manson Construction will be conducting dredging operations from the west side of the Coronado Bridge to the east end of the Aircraft Carrier Turning Basin **from 11 Oct through 17 Dec 2004**. The D/B NJORD and the M/V JEFFREY-M will be on scene and monitoring VHF-FM Ch. 16, 66, and 79A. The D/B will be positioned with four anchors marked by two lit crown cans on the northwest anchors. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rich Ferguson at (562) 432-6918. Chart: 18772 LNM 40/04 dated 05 Oct 2004.

SOUTHERN CALIFORNIA – SAN PEDRO – BACKFILL OF SUBSEA PIPELINE EXCAVATION – San Pedro Bay Pipeline Co. and Aera Energy, LLC. will be conducting the backfill of subsea pipeline excavation **through 08 Oct 2004** in the Queensway Bay, Port of Long Beach, in position 33°45.3'N 118°11.2'W. The D/B J.C. FREESE, the TUG MOE, the SURVEY VESSEL JULIE ANN, and M/V TIMBERWOLF will be on scene and monitoring VHF-FM Ch. 16. Pre-set moorings and unlighted buoys will be present. The D/B will be moored and mariners are advised to use caution when transiting the area. For further comments or details, contact Robin Sim at (805) 640-0799. Chart: 18751 LNM 39/04 dated 28 Sep 2004.

SOUTHERN CALIFORNIA – ANAHEIM BAY – PROTECTION BARRIER – The Navy has constructed a protection barrier for its assets at Naval Weapons Station Seal Beach. Anchor buoys location for the barriers are attached with wire rope and floating orange and white ball buoy markers and in the following positions: 33°44.07'N 118°05.56'W, 33°44.12'N 118°05.70'W, 33°44.13'N 118°05.49'W, 33°44.01'N 118°05.43'W, and 33°43.99'N 118°05.37'W. All boating traffic is still require to stay within the small craft channel at all times. **These barriers will be in place until further notice.** For further comments or details, contact Albert Rosales at (532) 626-7206. Chart: 18749 LNM 05/04 dated 03 Feb 2004.

SOUTHERN CALIFORNIA – PORT HUENEME – DREDGING OPERATIONS – Manson Construction Company will be conducting dredging operations at Port Hueneme east of the Jetty Entrance **through 30 Dec 2004**. The HYDRAULIC PIPELINE DREDGE H.R. MORRIS, the TENDER PUP, the TENDER CUB, and the SURVEY BOAT RENEGADE will be on scene and monitoring VHF-FM Ch. 16 and 66. Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to a disposal area east of Port Hueneme Channel Entrance. Mariners are advised to use extreme caution and contact the H.R. MORRIS when passing. For further comments or details, contact Frank Bechtolt at (562) 762-5367. Chart: 18725 LNM 39/04 dated 28 Sep 2004.

SOUTHERN CALIFORNIA - SAN LUIS BAY - RESEARCH - UNMANNED UNDERWATER VEHICLE - An underwater vehicle will be deployed once or twice per week **through Nov 2004** in San Luis Bay. The vehicle is conducting marine research and should rarely be seen on the surface. It is yellow, torpedo shaped, and 6 feet long. For further comments or details, contact Shelley Blackwell (805) 756-7060. Chart: 18704 LNM 24/04 dated 15 Jun 2004.

General Information (Cont)

SOUTHERN CALIFORNIA – SANTA BARBARA CHANNEL – PIPELINE INSPECTIONS – *Marine Project Management, Inc.* will be conducting External ROV Submarine Pipeline Inspections in the Santa Barbara Channel at Platforms Hondo (34°23.5'N 120°07.3'W), Harmony (34°22.6'N 120°10.1'W), and the shore (34°27.7'N 120°02.6'W) **through 08 Oct 2004**. The M/V *AMERICAN PATRIOT* will be on scene and monitoring VHF-FM Ch. 16. The vessel will be transiting from each platform to the shore location. Mariners are advised to use caution when transiting the area. For further comments or details, contact David Hankins at (805) 798-2020. Chart: 18720 LNM 38/04 dated 21 Sep 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – ENFORCEMENT OF ADVANCED NOTICE OF ARRIVAL REQUIREMENTS – The Coast Guard Marine Safety Office San Francisco Bay is strictly enforcing the 96-hour Advanced Notice of Arrival (ANOA) requirements as outlined in Title 33 CFR Part 160, Subpart C. The ANOA is used as an extremely important tool in ensuring the port security and combating terrorism. Its stringent reporting requirement allows the Coast Guard, as well as other government agencies, the proper time to screen crew, cargo, and passenger lists. Therefore, it is important to adhere to all conditions of the ANOA regulations. The owner, master, or agent of U.S. or foreign vessels of greater than 300 gross tons is required to submit a complete and accurate ANOA to the National Vessel Movement Center. We encourage everyone to take a look at www.nvmc.uscg.gov for contact information and reporting data forms. The Electronic Notice of Arrival (e-NOA) is the recommended submission format. A follow-up call to National Vessel Movement Center at (800) 708-9822 or (304) 264-2502 should be made to verify receipt. Remember, ALL information is required on the reporting form. A vessel found in violation of the ANOA will be subject to being withheld from entering San Francisco Bay until all advance notice requirements have been met. A civil penalty of up to \$32,500 per violation may also be assessed against the responsible party. For further comments or details, contact the 24-hour MSO San Francisco Bay Command Duty Officer at (415) 399-3547. Chart: 18649 LNM 38/04 dated 21 Sep 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – DRILLING OPERATIONS – *Terra Engineers* will be conducting Geotechnical Investigations along the TransBay Tube for the BART Earthquake Safety Program **from 27 Sep through 20 Oct 2004**. A DRILLING BARGE, *CHALLENGER 2*, a PUSH BOAT, *SARATOGA*, and a CREW BOAT, *EAGLET*, will be on scene and monitoring VHF-FM Ch. 13, 14, and 16. The portion of the bay to be affected will be the area directly above and approximately 700 ft to either side of the BART TransBay Tube. The drilling will take place from the San Francisco side towards Oakland. For further comments or details, contact Bob Kirby at (888) 888-4730. Chart: 18649 LNM 38/04 dated 21 Sep 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - NOTICE OF SECURITY ZONES - The Coast Guard has established permanent security zones in the navigable waters of San Francisco Bay surrounding both the Oakland and San Francisco International Airports. These security zones will extend approximately 200-yards from each airport and the perimeter will be marked by buoys. Enforcement of the security zones will commence **at 0001T on 03 August 2004**. All persons and vessels are prohibited from entering, transiting through or remaining in these security zones without permission from the Captain of the Port or his designated representative. For further information or persons desiring to transit the security zones may contact the Captain of the Port at telephone number (415) 399-3547 or via VHF Ch. 16. Chart: 18649, 18650, 18651. LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – DREDGING OPERATIONS – The Salt River Construction Company will be conducting dredging operations in the Greenbrae Marina/Corte Madera Creek in Marin **through 01 Dec 2004**. The self-contained dredge/dump BARGE *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. There will be no temporary mooring piles or anchor balls placed outside the channel entrance. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rick Moseley at (415) 435-1024. Chart: 18649 LNM 34/04 dated 24 Aug 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – GEOPHYSICAL SURVEY – Fugro West, Inc. will be conducting survey operations along the BART TransBay Tube **during daylight hours through 25 Oct 2004**. A 6000 ft wide corridor will be centered along the alignment of the tube, running from Oakland's 7th Street Marine Terminal to the San Francisco Ferry Building. The M/V *CHARTMAKER* will be on scene and monitoring VHF-FM Ch. 14 and 16. The vessel will have limited maneuverability while towing 300 ft of instruments near the surface, which will be marked with a tail buoy displaying a white strobe light. Mariners are advised to use caution when transiting the area. For further comments or details, contact Mr. Jim Grant at (510) 268-0461. Chart: 18649 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – DREDGING OPERATIONS – Salt River Construction Corp will be conducting dredging operations in the Paradise Cay Marina, County of Marin. The self-contained DREDGE/DUMP BARGE *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. There will be no temporary mooring piles or anchor balls placed by Salt River outside the channel entrance of the Paradise Cay Marina. Dredging operations will take place **through 31 December 2004**. All mariners are advised to use caution when transiting the area. For further comments or details contact Rick Moseley at (415) 435-1024. Chart: 18649 LNM 33/04 dated 17 Aug 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 20/04 dated 18 May 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY - AIR SHOW/FLEETWEEK 2004 – An Aerobatic Flight Team will be performing flight maneuvers within a box bounded along the San Francisco waterfront from Anita Rock east to Blossom rock and extending .5 nm into the bay **from 1100T to 1600T on 08 and 09 Oct 2004**. All mariners are prohibited from entering this area during this time. Mariners requesting transit information should contact the patrol commander on VHF-FM Ch. 13 for instructions. Chart: 18649 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY - FLEETWEEK 2004 - A parade of 6 ships will enter San Francisco Bay and transit to their berths along the San Francisco and Oakland/Alameda waterfronts **from 0930T until 1545T 09 Oct 2004**. All mariners are advised to maintain a slow bell within 500 yds and remain 100 yds from any parade vessel. Vessels requiring transit information should contact the patrol commander of VHF-FM Ch. 13 for instructions. Chart: 18649 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY - AIRSHOW/FLEETWEEK 2004 - An Aerobatic Flight Team will be performing flight maneuvers within a box bounded along the San Francisco waterfront from Anita Rock east to Blossom Rock and extending .5 nautical miles into the bay **from 0945T until 1600T on 10 Oct 2004**. All mariners are prohibited from entering this area during the air show. Mariners requesting transit information should contact the patrol commander on VHF-FM Ch. 13 for instructions. Chart: 18649 LNM 40/04 dated 05 Oct 2004.

General Information (Cont)

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – Fireworks America will sponsor a fireworks event for Fleet Week involving 1 pyrotechnics barge and tug between Pier 39 and Pier 45 **from 2130T to 2150T on 08 Oct 2004**. All mariners are advised to use caution when transiting this area. The event sponsor will be monitoring VHF-FM Ch. 14 during the event. For further comments or details, contact MST1 Brian Clark at (415) 399-3440. Chart: 18650 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Rudolph Monte Foundation will sponsor a fireworks event located at Seacliff State Beach **from 2000T to 2150T on 09 Oct 2004**. All mariners are advised to use caution when transiting this area. The event sponsor will be monitoring VHF-FM Ch. 14. For further comments or details, contact MST1 Brian Clark at (415) 399-3440. Chart: 18685 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – Fireworks America will sponsor a fireworks event for Fleet Week involving 1 pyrotechnics barge and tug between Pier 39 and Pier 45 **from 2130T to 2150T on 09 Oct 2004**. All mariners are advised to use caution when transiting this area. The event sponsor will be monitoring VHF-FM Ch. 14. For further comments or details, contact MST1 Brian Clark at (415) 399-3440. Chart: 18650 LNM 40/04 dated 05 Oct 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 W 4s 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 Woodfield at (858) 560-5465. Chart: 18650 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – SECURITY ZONE – A 100-yard security zone is in place surrounding all cruise ships, tank vessels, or any other vessel that the U.S. Coast Guard deems to be a high interest vessel within San Francisco Bay, Monterey Bay and Humboldt Bay. A security zone is in place around all U.S. Naval Vessels greater than 100-feet in length within the navigable waters of the U.S. This permanent protection zone extends 100-yards around all naval vessels and it includes a 500-yard slow zone in which all mariners must operate at the minimum speed necessary. At the Golden Gate and Oakland/San Francisco Bay Bridges, a 25-yard security zone is in place around all bridge abutments and piers. For further comments or details, contact the MSO Command Duty Officer at (415) 399-3547. Chart: 18649 LNM 15/04 dated 13 Apr 2004.

NORTHERN CALIFORNIA – OAKLAND HARBOR – DREDGING OPERATIONS - Great Lakes Dredge And Dock Co. is conducting dredging operations in the Port of Oakland Inner and Outer Harbors **to be completed by 30 Nov 2004**. The DREDGE 53 and SCOWS GL 64 and GL 66 are on scene and monitoring VHF-FM Ch. 14 and 16. The disposal site for the project is a 4000 ft diameter circle with center position at 37°39'N 123°29'W. The scows are being towed offshore by the TUG COLONEL. The TUG ATLANTIC DAWN will be in the vicinity of the dredge at all times working as a tender boat. For further comments or details, contact Kevin Holt at (630) 750-1304. Chart: 18649 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA – BALLENA BAY - DREDGING OPERATIONS - Western Dock Enterprises will be conducting dredging operations at Ballena Bay **through 31 Dec 2004**. A DERRICK BARGE will be on scene and monitoring VHF-FM Ch. 13, 14, and 79. Three mooring buoys have been placed adjacent to Ballena Bay in positions: 37°45.5'N 122°17.7'W; 37°45.5'N 122°17.6'W; and 37°45.5'N 122°17.5'W. For further comments or details, contact Kevin Blair at (707) 765-4646. Chart: 18650 LNM 20/04 dated 18 May 2004.

NORTHERN CALIFORNIA – OAKLAND INNER HARBOR – ABANDONED TUG – An abandoned tug is located on the Alameda side of the Park Street Bridge Reach Section of the Oakland Inner Harbor approximately 200 yards west of the bridge. The tug protrudes into the channel and all mariners are advised to use caution when transiting the area. For further comments or details, contact Lieutenant Doug Ebberts at (510) 437-2770. Chart: 18650 LNM 21/04 dated 25 May 2004.

NORTHERN CALIFORNIA – OAKLAND MIDDLE HARBOR – CONSTRUCTION OPERATIONS – Dutra Dredging Company will be conducting construction operations **from 0700T to 1700T Monday through Friday through Mar 2005** in the Port of Oakland, Middle Harbor. The containment structure will span approximately 3,700 ft beginning at the southeast corner of Berth 38 to lands end west of Berth 55, closing off the Middle Harbor. The CRANE BARGE #8 will be working this site. The TUG SARAH REED will be tending the dredge and moving barges to and from the rock quarry at San Pedro Point in San Rafael. All equipment will monitor VHF-FM Ch. 13, 14, and 80. Mariners are advised to use caution when transiting the construction site. For further comments or details, contact Charles Gehlert at (510) 522-3758 or the TUG SARAH REED at (707) 974-9935. Chart: 18650 LNM 25/04 dated 22 Jun 2004.

NORTHERN CALIFORNIA - OAKLAND ESTUARY - NOTICE OF A SECURITY ZONE - The Coast Guard has established a permanent security zone in the navigable waters of the Oakland Estuary surrounding the Coast Guard Island Alameda Pier. The security zone extends approximately 150 ft from the Coast Guard Island pier up to and along the Brooklyn Basin South Navigation Channel. All persons and vessels are prohibited from entering in, transiting through or remaining in this security zone without permission of the Captain of Port or his designated representative. Persons desiring to transit the area may contact the Captain of the Port at (415) 399-3547. For further comments, contact Ensign John Bannon at (510) 437-3082. Chart: 18650 LNM 27/04 dated 06 Jul 2004.

NORTHERN CALIFORNIA – PORT OF OAKLAND – PIER DEMOLITION – Silverado Contractors will be removing the Franklin D. Roosevelt Pier in Jack London Square **through 28 Nov 2004**. The demolition work will consist of removal and disposal of the existing wharf deck and support piles, deck restrooms, furnishings and appurtenances, and cutting and capping utilities in the existing seawall. Several vessels will be on scene. For further comments or details, contact Bernard Wroblewski at (510) 627-1278. Chart: 18649 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – SAUSALITO – DREDGING OPERATIONS – Mas Aqua will be conducting dredging operations at Clipper Yacht Harbor, Sausalito **through 30 Nov 2004**. The TUG MIKE BRUSCO will be on scene with MUD SCOWS 100 and 101 and monitoring VHF-FM Ch. 13 and 14. Mariners are advised to use caution when transiting this area. For further comments or details, contact Les Shorter at (707) 544-6868. Chart: 18649 LNM 24/04 dated 15 Jun 2004.

General Information (Cont)

NORTHERN CALIFORNIA – SAUSALITO – DREDGING OPERATIONS – Western Dock Enterprises will be conducting dredging operations at the Clipper Yacht Harbor in Richardson Bay **through 15 Dec 2004**. The TUGS *HAYDEN BAY* and *POWER PUSHER* will be on scene and monitoring VHF-FM Ch. 14 and 79. The D/B and the DUMPS SCOWS will be anchored north of Sausalito Channel Light 4 (LLNR 4390) and Light 6 (LLNR 4400). The disposal area will be Dump Site SF-11 Alcatraz. For further comments or details, contact B.K. Cooper at (707) 765-4646. Chart: 18649 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA - MARE ISLAND STRAIT – WRECKAGE - The wreckage of Mare Island Strait Light 1 (LLNR 6090) remains at position 38°04'13.098"N 122°14'48.602"W, is marked by a temporary buoy labeled "WR1" 35 yds channelward, is completely submerged at high tide and partially submerged at low tide. Mariners are advised to use caution when transiting the area. Chart: 18652 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – BENICIA MARINA – DREDGING OPERATIONS – The Salt River Construction Company will be conducting dredging operations in the Benicia Marina **through 01 Dec 2004**. The self-contained DREDGE/DUMP BARGE *BARBARA ANN* and 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: 18649 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – RICHMOND – DREDGING OPERATIONS – Great Lakes Dredge and Dock Company is conducting dredging operations in the Port of Richmond. Great Lakes will be utilizing the *Dredge 53*, which is a clamshell dredge that will be working on spuds to maintain position in the channel. Great Lakes will also be utilizing two scows, the *GL 64* and *GL 66* to transport material to the San Francisco – Deep Ocean Disposal Site (SF-DODS). This disposal site is a four thousand foot diameter circle, centered at: 37°39.0'N 123°23.0'W. The scows will be towed offshore by the TUG *COLONEL*. The TUG *ATLANTIC DAWN* will also be in the vicinity of the dredge at all times working as a tender boat. All equipment on the project will monitor VHF-Ch. 14 and 16. For further comments or details, contact the project manager at (732) 216-5130. Chart: 18649 LNM 30/04 dated 27 July 2004.

NORTHERN CALIFORNIA – DISCOVERY BAY – CONSTRUCTION OPERATIONS – Dutra Construction Company will be conducting construction operations and disposal operations in positions 37°53.6'N 121°34.9'W and 37°54.1'N 121°36.7'W **during daylight hours through 31 Oct 2004**. Towing of scows and crane barge relocation will be conducted at all hours. The CRANE BARGE #8 will be working on this project along with one flat deck material barge and one tug. All equipment will monitor VHF-FM Ch. 70. Mariners are advised to use caution when transiting the area. For further comments or details, contact Chuck Walker at (707) 374-6964. Chart: 18661 LNM 35/04 dated 31 Aug 2004.

NORTHERN CALIFORNIA – CONCORD – TEMPORARY SECURITY ZONE – The U.S. Coast Guard has established a security zone that will be in effect **from 2359T 02 Oct through 2359T 12 Oct 2004** surrounding Military Ocean Terminal Concord, extending 500 yds seaward from Pier Three. The zone will be enforced by Coast Guard patrol craft or any patrol craft enlisted by the Captain of the Port. All persons and vessels are prohibited from entering into, transiting through or anchoring within the safety zone unless authorized by the Captain of the Port, or his designated representative. Persons desiring to transit the area may contact the Patrol Commander on scene on VHF-FM Ch. 13 or the Captain of the Port at (415) 399-3547 to seek permission to transit the area. Addition information is included in the draft regulation, which is available upon request from Coast Guard Marine Safety Office San Francisco Bay and will be published in the Federal Register. Chart: 18656 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA – BODEGA BAY – DREDGING OPERATIONS – Dutra Construction will be conducting dredging operations in Bodega Bay. The entire length of the federal channel from the entrance, Spud Point Marina access channel, and the Coast Guard Station Channel will be dredged. Dredging will commence **through 31 Oct 2004**. Dredging will take place during daylight hours, but towing of scows and maneuvering of the derrick barge may continue at all hours. The Derrick Barge DB-24 with two 3,000 cubic yard dump scows will be working on this project. Additionally two tugs will assist the dredge and tow scows to and from the offshore disposal site. All equipment will monitor VHF-FM Ch 13, 14 and 82. All mariners are advised to use caution while transiting the dredge site. For further comments or details contact Phillip Torres at (510) 522-3758. Chart: 18643 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA - BODEGA BAY HARBOR - CONSTRUCTION OF CAGES FOR RESEARCH - Researchers from Bodega Marine Lab have deployed cages (3' in height) in the sea grass beds located in the southeast area of the harbor and near the West Side Park campground area. The cages are marked with small floats, and **will be deployed through Apr 2005**. All cages will be well outside of the main (dredged) channel. Windsurfers are advised to use caution when transiting the area. For further comments or details, contact Suzanne Olyarnik at (530) 304-4601. Chart: 18703 LNM 15/04 dated 13 Apr 2004.

NORTHERN CALIFORNIA – PETALUMA RIVER – DREDGING OPERATION – Cooper Crane and Rigging is conducting dredging operations in the Petaluma River, immediately downstream of the Shamrock Landing Way Sand Depot, approximately 600 yds downstream of the Highway 101 overpass, **through 31 Oct 2004**. The project will be accomplished using land-based equipment. For further comments or details, contact Paul Lukaszewicz at (415) 720-6577. Chart: 18654 LNM 37/04 dated 14 Sep 2004.

NORTHERN CALIFORNIA – SACRAMENTO RIVER – CONSTRUCTION OPERATIONS – Dutra Materials will be conducting construction operations **during daylight hours from 15 Sep through 15 Dec 2004** in position 38°33.4'N 121°30.9'W. The CRANE BARGE #8 will be on scene with 2 TUGS and several BARGES and towing of materials from the San Rafael Rock Quarry to the job site will be conducting throughout each day. All equipment will be monitoring VHF-FM Ch. 7, 13, and 14. Mariners are advised to use caution when transiting the area. For further comments or details, contact Chuck Walker at (707) 374-6964. Chart: 18661 LNM 37/04 dated 14 Sep 2004.

NORTHERN CALIFORNIA – HUMBOLDT BAY – CURRENT METER SENSOR MISSING – NOAA has reported a missing current meter sensor that was established in approximately 40 ft of water on 21 Jul 2004 in position 40°45.9'N 124°14.3'W. For further comments or details, or to report finding the sensor, contact Karen Earwaker at (301) 713-2890 or karen.earwaker@noaa.gov. Chart: 18661 LNM 37/04 dated 14 Sep 2004.

ARIZONA - COLORADO RIVER - CONTROL BOOM DEPLOYMENT –The Bureau of Land Management Yuma Field Office will have two 100 ft plant control booms deployed in the backwaters of the Colorado River at Walter's Camp on the Havasu National Wildlife Refuge **through Oct 2004**. The booms are an integrated pest management technique used to protect downstream waters from the invasive *Salvinia molesta*. These booms have been placed in the river each summer for the past several years. They are located in a section of the river rarely navigated by recreational boaters, are marked with reflective material, and are deployed in a configuration to allow slow moving vessel traffic through the area. For further comments or details, contact MSTC Todd Taylor at (619) 683-6493 or the BLM Yuma Field Office at (928) 317-3200. Chart: None LNM 24/04 dated 15 Jun 2004.

General Info (Cont)

ARIZONA - LAKE HAVASU CITY - MARINE EVENT – The IJSBA World Finals Jet Ski Races will take place **from 0700T to 1800T through 10 Oct 2004** and will consist of numerous Jet Ski competitors racing in a closed course heats in the vicinity of the Crazy Horse Campground Beach, North Basin Lake Havasu. A safety zone has been established for the event and will encompass the navigable waters in the vicinity of Crazy Horse Beach from position 34°28.5'N 114°21.3'W (London Bridge Channel) to 34°28.5'N 114°21.4'W to 34°28.5'N 114°21.7'W to 34°28.3'N 114°21.7'W (entrance to the Crazy Horse Marina). The outer perimeter of the event will be marked by orange buoys and patrolled by safety perimeter vessels identified with orange signs "Stop-Race in Progress". The safety zone will remain in effect **each day from 0700T until 1800T**. Persons and vessels are prohibited from entering into, transiting through or anchoring within the safety zone unless authorized by the Captain of the Port, or his designated representative. During the event the Coast Guard Patrol Commander may be reached on VHF-FM Ch. 16 or 68. For further comments or details, contact OSC Doug Samp, Coast Guard San Diego Marine Events Coordinator, at (619) 683-6309. Chart: None LNM 39/04 dated 28 Sep 2004.

ARIZONA - LAKE HAVASU - THOMPSON BAY - MARINE EVENT - The 2nd Annual Moomba / Supra Owners Reunion will take place **from 0800T to 1300T on 08 - 10 Oct 2004** and will consist of approximately 15 wake boarders and 2 power boats from 20 to 25 ft. wake boarders will be pulled approximately 20mph, one at a time through the designated area approximately 100 feet off shore in the No Wake Zone in the vicinity of the Rotary Beach South in Thompson Bay. The event organizer may be reached via cellular (928) 230-1769 or his representative located at Rotary Beach South. For further comments or details, contact Todd Taylor, Jokers Wild Promotions at (928)-486-5603 or OSC Douglas Samp, Coast Guard San Diego Marine Events Coordinator (619) 683-6309. Chart: None LNM 40/04 dated 05 Oct 2004.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS - For bridge related issues during normal working hours Monday thru Friday, contact the Eleventh Coast Guard District Bridge Section, Coast Guard Island, Building 50-3, Alameda, CA 94501-5100, telephone: (510) 437-3514. For emergencies or discrepancies during nights, weekends and holidays, immediately notify the nearest Coast Guard Group Command via VHF-FM Ch 16 or via telephone: San Diego & Colorado River (619) 295-3121, Los Angeles (310) 732-2044, San Francisco (415) 399-3547, Eureka (707) 839-6113. Flotsam and drift may have accumulated on and near bridge piers and abutments and mariners should approach all bridges with caution..

SOUTHERN CALIFORNIA – CERRITOS CHANNEL, LONG BEACH – SCHUYLER HEIM DRAWBRIDGE REPAIR – Through Jan 2005, scaffolding installed below low steel of the drawspan reduces vertical clearance by 4 ft and is lighted at night with red lights. **Weekends from 1900T Fri until 0600T Mon, and weeknights from 1900T until 0600T, Mon through Fri**, the drawspan is secured in the closed to navigation position for emergency deck replacement. The drawbridge, with scaffolding, provides 33 ft vertical clearance above Mean High Water when closed. Vessels able to safely navigate through the closed drawbridge may continue to do so at any time. Chart: 18751 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – ISLAIS CREEK – 3rd STREET DRAWBRIDGE RETROFIT- The draw span is secured in the closed-to-navigation position **until March 2005**, for seismic retrofit. The bridge provides approx 4.4 ft vertical clearance above mean high water when closed. Containment tarps under the bridge reduce horizontal clearance by approx 70 ft. Chart: 18650 LNM 40/04 dated 05 Oct 2004.

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 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT- EAST OF YBI: The green center span lights have been temporarily extinguished in the three spans east of the main channel span due to the presence of construction equipment in those spans. Bridge construction is in progress along the north side of the existing bridge and extends from the Oakland shoreline to the main navigation opening east of YBI. Approximately 450 heavy lift operations will be conducted in the construction area between Yerba Buena Island and Oakland **until August 2006**. Mariners are requested to produce no wake in the construction area during lifting operations to ensure worker safety. Lifts will be announced via Broadcast Notice to Mariners. Anchor wires extending up to 1,100 ft in any direction from floating equipment may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by using the main navigational channel east of YBI. Construction equipment is lighted at night. 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 40/04 dated 05 Oct 2004.

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 approx 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 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE - WEST OF YBI - Maintenance scaffolding located continuously in each span reduces vertical clearance by approx 5 ft and is lighted at night with red lights. CalTrans will move the scaffolding if requested for the passage of vessels. Chart: 18650 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - RICHMOND-SAN RAFAEL HIGHWAY BRIDGE RETROFIT - (West Channel) Scaffolding suspended below low steel reduces vertical clearance by approximately 8 ft. (East Channel) A crane barge located in the east channel span **through Dec 2004**, reduces horizontal clearance through the bridge by approximately 150 ft. Anchor wires extending 300 ft upstream and downstream can be slacked to the bottom upon 1 hr advance notice and removed upon 2 hrs advance notice. Scaffolding extends 360 ft from the west channel pier of the east span and reduces vertical clearance by approximately 8 ft. Mariners should contact the TUG APRIL T via VHF-FM Ch 13 for wake issues and passing arrangements. Mariners may contact Coast Guard VTS for assistance in establishing communications with the bridge. Chart: 18654 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – CHINA BASIN – 4th STREET DRAWBRIDGE RETROFIT – The drawspan has been removed from the waterway. The proposed reinstallation date is **Dec 2004**. Floating equipment, cofferdams and silt curtains located between the channel piers provide 25 ft horizontal clearance. Obstructions are lighted at night with red lights. Floating equipment can be moved upon one-hour notice during daylight hours and upon 24 hours notice overnight by contacting (415) 716-8358 or (415) 554-8351. Chart: 18655 LNM 40/04 dated 05 Oct 2004.

Bridge Information (Cont)

NORTHERN CALIFORNIA – PETALUMA RIVER – BLACKPOINT RAILROAD DRAWBRIDGE – The sheer fence on the northwest side of the pivot pier and swing span is missing and does not provide adequate protection for the bridge. Steel protruding approx 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 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – PETALUMA RIVER – HAYSTACK RAILROAD DRAWBRIDGE – The wooden timbers are missing from the sheer fences on both sides of the channel, and steel pilings are exposed.
Chart: 18654 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – NAPA RIVER – BRAZOS RAILROAD DRAWBRIDGE – The channelward red lights on both piers and the center span lights are showing red. Red center span lights on drawbridges indicate the drawspan is not in the full open-to-navigation position. Vertical clearance provided by the partially raised drawspan is unknown and caution is advised.
Chart: 18654 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – NAPA RIVER - MAXWELL IMOLA AVE DRAWBRIDGE REPLACEMENT – Construction is in progress on the upstream side of the existing drawbridge. Falsework over the channel reduces vertical clearance through the bridge to 49 ft above mean high water **through Oct 2005**. Vertical clearance gauges will be installed to assist mariners in determining real-time clearance at the falsework, when the adjacent drawspan is in the full open-to-navigation position. Temporary cofferdams extending channelward from the bank, reduce horizontal clearance to 65 ft and are lighted at night with red lights. Mariners should contact the drawbridge via VHF-FM Ch 16/9 to determine conditions at the bridge.
Chart: 18654 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA – CARQUINEZ STRAIT – I-80 HIGHWAY BRIDGE REHAB (UPSTREAM BRIDGE) - Through Dec 2004 an 80 ft wide traveler located in either channel span, reduces vertical clearance by 7 ft. The traveler can be removed from the center of the northern channel span channel upon 3 hrs advance notice, when requested for the safe passage of vessels. The traveler will remain in the southern channel during weeknights and is lighted at night with red lights. Traveler operators will notify Coast Guard VTS when traveler is in use over the channel. Mariners should contact WEST COAST BRIDGE CONSTRUCTION AT CARQUINEZ BRIDGE via VHF-FM Ch 13 in advance to make passing arrangements.
Chart: 18655 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - CARQUINEZ STRAIT – NEW I-680 HIGHWAY BRIDGE CONSTRUCTION – Barge anchor wires extend parallel to the main navigation channel as much as 900 ft upstream and downstream from barges at the main navigation opening of the bridge. Anchors upstream of the construction site will be approx 50 ft outside the north margin of the Federal channel **through Dec 2004**. Anchor wires can be moved upon 3 hrs advance notice when a tug is present and 6 hrs when a tug is not present. 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 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - SAN JOAQUIN RIVER - NEW PEDESTRIAN BRIDGE CONSTRUCTION - Construction is in progress, adjacent to the downstream side of the existing Manthey Road Bridge at Mossdale. Floating pile driving equipment located in the channel during daylight hours, Mon-Fri, will reduce horizontal clearance for vessels to approximately 55 ft. The new bridge superstructure will not reduce the vertical clearance provided by the existing bridges. Mariners should contact Mr. Dan Schultes of Nolte Associates, Inc. at (209) 858-9112 or the TUG HAYDEN BAY on VHF-FM Ch. 9 at the bridge to determine conditions.
Chart: 18661 LNM 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - NOYO RIVER - HIGHWAY 1 BRIDGE REPLACEMENT - Demolition of the replaced bridge is complete. Construction continues on the replacement bridge. Fenders beneath the bridge reduce horizontal clearance in the navigation channel to approx 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 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 40/04 dated 05 Oct 2004.

NORTHERN CALIFORNIA - HUMBOLDT BAY –SAMOA BRIDGES SEISMIC RETROFIT – (Middle Channel) A 50x100 ft spudded barge, centered on the upstream or downstream side of the channel piers reduces horizontal clearance by approx 30 ft and is lighted at night with red lights. (Samoa Channel) A temporary trestle at the western shore of the Samoa Channel is lighted at night with white lights. (Eureka Channel) A 50x100 ft spudded barge, centered on the upstream or downstream side of the channel piers reduces horizontal clearance by approx 30 ft and is lighted at night with red lights. Mariners should contact the TUG IRON MIKE via VHF-FM Ch 16 at least 3 hrs in advance to discuss wake issues and make passing arrangements.
Chart: 18622 LNM 40/04 dated 05 Oct 2004.

05 Oct 2004

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 40/04

SECTION VII – LIGHT LIST CORRECTIONS

An asterisk *, indicates the column in which a correction has been made to information.
This section contains changes to the Light List Volume VI, 2004. The Light List is now available online at
<http://www.navcen.uscg.gov/pubs/LightLists/V6COMPLETE.PDF>.

No.	Name and location	Position	Characteristic	Height	Range	Structure	Remarks
381	Scripps Lighted Research Buoy Station 029	37 56 45 N 123 28 12 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid. 40/04
*	*	*	*	*	*	*	*
435	Little River Bell Buoy LR	39 15 57 N 123 48 44 W					Red and white stripes with red spherical topmark. 40/04
440	Mendocino Bay Whistle Buoy MB	39 17 52 N 123 48 44 W					Red and white stripes with red spherical topmark. 40/04
445	NOAA Environmental Lighted Buoy EB 46014	39 12 35 N 123 58 10 W	FI (4) Y 20s				Yellow disc shaped buoy. 40/04
465	Point Delgada Lighted Whistle Buoy 20	40 00 15 N 124 04 52 W	FIR 6s		4		Red. 40/04
470	Shelter Cove Entrance Bell Buoy 1	40 00 34 N 124 03 35 W					Green. 40/04
475	Punta Gorda Lighted Whistle Buoy 24	40 14 54 N 124 22 14 W	FIR 6s		4		Red. 40/04
485	Blunts Reef Lighted Bell Buoy 2B (ELB)	40 26 24 N 124 3 019 W	FIR 2.5s		5		Red. 40/04
500	NOAA Environmental Lighted Buoy 46022	40 42 45 N 124 31 08 W	FI (4) Y 20s				Yellow disc shaped buoy. 40/04
515	Pilot Rock Gong Buoy 2	41 02 38 N 124 09 21 W					Red. 40/04
530	Trinidad Head Lighted Whistle Buoy 26	41 03 03 N 124 10 24 W	FIR 6s		4		Red. 40/04
535	Turtle Rocks Bell Buoy 26	41 08 14 N 124 11 49 W					Red. 40/04
1505	- Entrance Range Rear Light 506 yds, 353° from front light.	32 42 18 N 117 14 01 W	Iso G 6s	55	15	KRW on skeleton tower	Visible 1.5° each side of rangeline. 40/04

Light List Corrections (Cont)

3805	Cojo Anchorage Special Purpose Buoy							Remove from list.	40/04
*	*		*	*	*	*	*	*	
5790	MOLATE POINT SOUTH END LIGHT							Remove from list.	40/04
*	*		*	*	*	*	*	*	
5791	Scripps Lighted Research Buoy Station 029							Remove from list.	40/04
*	*		*	*	*	*	*	*	
5795	MOLATE POINT NORTH END LIGHT							Remove from list.	40/04
*	*		*	*	*	*	*	*	
8115	- LIGHT 9	39 25 40 N 123 48 20 W	FIG 2.5s	15	3	SG on pile.			40/04
					*				

SECTION VIII – COAST PILOT CORRECTIONS

This section contains changes to the Coast Pilot Volume 7.

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 21.

Coast Pilot 7 36th 2004 Corrections

Page 308-Paragraph 179, lines 6-7; read:
conspicuous.

(CL 1348/04)

Page 308-Paragraph 180, lines 4-14;
read:

may be dangerous to small craft.

(CL 1348/04)

Page 308-Paragraph 183, lines 2-4; read:
the outer turning basin to Moss Landing
Harbor's North Harbor basin; a private
yacht club is adjacent to the basin. In
September 2004, the reported controlling
depth was 10 feet, thence the North
Harbor basin had depths of 10 to 16
feet.

(CL 1348/04)

Page 376-Paragraph 84, line 4; read:
small jetty, with a light off the
seaward end, is on the S side of the
entrance. A fixed highway ...

(LL/04)

Page 377-Paragraph 86, insert after:

Coast Guard

The Noyo River Coast Guard Station
is located on the S bank of the river,
just below Noyo Basin. The station
monitors VHF-FM channel 16 or can be
reached at 707-964-6612.

A Storm Warning Flag System

consisting of a series of square flags
and triangular pendants will be
displayed on a pole that is located on
the SW end of the Noyo River Coast Guard
Station dock and will be visible to
mariners from both directions. The flags

will indicate that winds and/or sea
conditions forecast for the area may
pose a hazard to boaters. A small-craft
advisory, a **RED** triangular pennant, will
be displayed when winds in the range of
20 to 33 knots, or seas of 6 feet or
greater, are forecast. A gale warning,
two triangular **RED** pennants, will be
displayed when winds in the range of 34
to 47 knots are forecast. A storm
warning, a square **RED** flag with a square
BLACK center, will be displayed when
winds over 47 knots are forecast. Flags
are flown at select Coast Guard stations
to supplement other weather notification
sources. Light signals corresponding to
these flags are not displayed at night.
In all cases, mariners should rely upon
National Weather Service Broadcasts as
their primary source of government
provided weather information.

The lower section of Noyo River is
the principal ...

(CL 1377/04)

Page 377-Paragraph 87, line 12 through
Paragraph 88, line 1; read:

The phone number for the Noyo Basin
Harbormaster is 707-964-4719.

From Noyo River, for 0.7 mile to
Fort Bragg, the ...

(CL 1377/04)

Page 389-Paragraph 283, line 1; read:

**St. George Reef Lighted Whistle
Buoy 2SG ...**

(LL/04)

SECTION IX - ENCLOSURES

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 - Use Caution, submerged aid may be present.
TRUB - Temporary Unlighted Buoy - Use Caution, submerged aid may be present.
USC - United States Code
VTS - Vessel Traffic Service
W - West
WB - Whistle Buoy
WHF - Wharf
WR - Wreck



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

05 Oct 2004

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 40/04