



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

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## LOCAL NOTICE TO MARINERS

**District: 14**

**Week: 12/09**

March 25, 2009  
ISSUED BY:  
Commander (dpw)  
Fourteenth Coast Guard District  
300 Ala Moana Boulevard Room 9-216  
Honolulu, HI 96850-4982  
Telephone: (808) 535-3409 Night: (808) 842-2600/2601 Fax: (808) 535-3414  
Guam: (671) 339-6100  
American Samoa: (684) 633-2299  
Email: D14LNM@uscg.mil  
Website: <http://www.uscg.mil/d14/cmd/dpw/>

**Note:**

Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, possibly beneath the surface. Mariners should proceed with caution.

**References:**

Light List, Volume VI, Pacific Coast and Pacific Islands, 2007 Edition (COMDTPUB P16502.6).  
U.S. Coast Pilot 7, Pacific Coast : California, Oregon, Washington, Hawaii, Pacific Islands 2009 (41st Edition).

Navigation information having been of immediate concern to the mariner, and promulgated by the following broadcasts, have been incorporated in this notice when still significant:

COMCOGARD SECTOR HONOLULU HI BNMs: 132-09 to 136-09  
COMCOGARD SECTOR GUAM BNMs: 055-09 to 060-09

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### ABBREVIATIONS

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**A through H**

ACOE - Army Corps of Engineers  
ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
AI - Alternating  
B - Buoy  
BKW - Breakwater  
bl - Blast  
BNM - Broadcast Notice to Mariner  
bu - Blue  
C - Canadian  
CHAN - Channel  
CGD - Coast Guard District  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash

**I through O**

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

**P through Z**

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
s - seconds  
SEC - Section  
SHL - Shoaling  
si - silent  
SIG - Signal  
SND - Sound  
SPM - Single Point Mooring Buoy  
SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark

FI - Flashing  
G - Green  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
W - White  
Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

MSLD SIG - Misleading Signal

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### PACIFIC OCEAN - NATIONAL WEATHER SERVICE BUOY 51002 - ADRIFT

National Data Buoy Center buoy 51002 is off station and adrift. The buoy is six meters in diameter and yellow in color. Positions are transmitted hourly and can be found on the National Data Buoy Center's website at [http://www.ndbc.noaa.gov/station\\_page.php?station=51002](http://www.ndbc.noaa.gov/station_page.php?station=51002).

### PACIFIC OCEAN - NATIONAL WEATHER SERVICE BUOY 51004 - ADRIFT

National Data Buoy Center buoy 51004 is off station and adrift. The buoy is six meters in diameter and yellow in color. Positions are transmitted hourly and can be found on the National Data Buoy Center's website at [http://www.ndbc.noaa.gov/station\\_page.php?station=51004](http://www.ndbc.noaa.gov/station_page.php?station=51004).

### HI ISLANDS - HAWAII - KEALAKEKUA BAY SAFETY ZONE

In coordination with the State Department of Land and Natural Resources, the Coast Guard Safety Zone enacted on October 16, 2006, is revised to encompass the area within Kealakekua Bay from the shore to a line from the Captain Cook Monument to Hikiau Heiau. Commercial vessel traffic is precluded from operating within this safety zone.

### HI ISLANDS - HAWAII - WATERCRAFT TESTING

Liquid Robotics, Inc. will be conducting unattended sea trials of their Wave Glider (TM) vessels for several weeks at a time periodically throughout the year. The Wave Glider is a surfboard with mounted instruments and "submarine" components attached via a 15 foot cable. The sea trials will take place along a designated track off the Kohala Coast, between Waimea Point and Opolu Point, in an area bounded by the following coordinates:

19-57.483N/155-52.905W  
19-58.260N/155-51.540W  
19-58.690N/155-51.830W  
19-58.420N/155-52.280W  
19-58.853N/155-52.566W  
19-58.330N/155-53.470W

The Wave Glider will be remotely operated and testing will be unattended when the Wave Glider is seaward of the above areas. The Wave Glider will stay at least two miles clear of FAD Buoys XX and ZZ and south of shipping traffic approaching Kawaihae from the northwest. All Mariners are advised to exercise caution within these areas.

### HI ISLANDS - NORTHEAST OAHU - HAZARDOUS OPERATIONS

The military will be conducting a gunnery exercise 581 NM northeast of Oahu in approximate position 30-06.4N/153-09.1W on March 26, 2009, from 0600W - 1000W. The exercise will encompass a 23,000 foot danger altitude and 10,000 yard danger radius. In the interest of safety, all vessels not involved in the above event are requested to remain clear of the area.

### HI ISLANDS - OAHU - SUBSURFACE BUOYS

One subsurface buoy has been temporarily deployed near the Sand Island Ocean Outfall Diffuser. The buoy is anchored in 80 meters of water in position 21-16.79N/157-53.94W, floating 10 meters below the surface. Mariners are advised to exercise caution when transiting the area.

### HI ISLANDS - OAHU - PEARL HARBOR - DREDGING

Healy Tibbits resumed dredging operations within the Middle Loch, West Loch, South Channel, and Main Channel of Pearl Harbor on January 21,

2008, and will continue until August 2009. Work will be performed from barge WEEKS 544 (150' x 60'). The call sign is WCT8969 and VHF-Ch 69 will be monitored at all times. Mariners are requested to use caution when transiting the area.

**HI ISLANDS - OAHU - PEARL HARBOR - CONSTRUCTION**

Healy Tibbits commenced operations in the vicinity of Beckoning Point (east shore of Waipio Peninsula near Middle Loch) on March 16, 2009, and will continue until October 2010. Temporary anchored moorings and numerous pieces of floating equipment will be located at the project site. Work will be performed from barge WEEKS 33 (120' x 30'), barge HT40 (107' x 26'), work boat DON CARLOS (47' x 15'), crane barge WEEKS 554 (143' x 60'), and crane barge WEEKS 243 (175' x 68'). The call sign is WCT8969 and VHF-Ch 16 will be monitored at all times. Mariners are requested to use extreme caution when transiting the area.

**HI ISLANDS - OAHU - ALA WAI - CONSTRUCTION**

Kaikor construction will commence work on the Ala Moana Bridge over the Ala Wai Canal on March 16, 2009, through September 16, 2009, from 0700W - 1530W daily. Signs will be posted to alert vessels in the area, and space will be provided to allow inbound and outbound vessels to pass freely. Mariners are requested to use caution when transiting the area.

**HI ISLANDS - KAUAI - KIKIAOLA LIGHT DRAFT HARBOR - DREDGING**

American Marine commenced dredging operations within the Kikiaola Light Draft Harbor, Kauai, on November 24, 2008, and will continue until April 20, 2009. The harbor will be closed from 0730W - 1600W Monday through Friday, but will re-open one hour per day, from 1130W - 1230W. Work will be performed from the spud barge AWB 140, which will be equipped with all around white lights during night operations. The tug AMERICAN EMERALD (call sign WDC6392) will be on scene monitoring VHF-Ch 16. The aids to navigation in this area must be considered unreliable during this time. All vessels are advised to use extreme caution while transiting the area.

**PHILIPPINE SEA - MARIANA ISLANDS - GUAM - SUBMERGED OPERATIONS**

Military units will be conducting submerged operations in ocean waters north of Apra Harbor on March 23, 2009, through March 26, 2009, from 1000K - 2000K daily. All mariners are to remain clear of orange and yellow surface support vessel "C COMMANDO".

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**SECTION II - DISCREPANCIES**

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

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
28005	NOAA Data Lighted Buoy 51004	ADRIFT	50		10/09	
28006	NOAA Data Lighted Buoy 51002	ADRIFT	19010	120-09	10/09	
28275	Kawaihae Harbor Entrance Lighted Buoy 1	LT EXT	19330	083-09	05/09	
<b>29875</b>	<b>Hanapepe Bay Lighted Buoy 1</b>	<b>LT EXT</b>	<b>19382</b>	<b>139-09</b>	<b>12/09</b>	
30400	Kwajalein South Pass Buoy 1	MISSING	81715		07/09	

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
28025	Pepeekeo Point Light	WATCHING PROPERLY	19320	133-09	12/09	12/09
28070	Hilo Harbor Lighted Buoy 4	WATCHING PROPERLY	19324	131-09	11/09	12/09
29651	Barbers Point Harbor Entrance Channel Lighted Buoy 2	WATCHING PROPERLY	19357	111-09	09/09	12/09

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
28382.1	Kahului Boat Ramp Buoy 11	MISSING	19342	102-06	18/06	

28445	Maalaea East Basin Buoy 6	MSLD SIG	19350	115-09	09/09
28450	Maalaea Basin Daybeacon J	MSLD SIG	19350	115-09	09/09
28455	Maalaea West Basin Daybeacon 2W	MSLD SIG	19350	115-09	09/09
28480	Lahaina Boat Basin Lighted Buoy 3	LT EXT	19348	067-09	03/09
28485	Lahaina Boat Basin Lighted Buoy 4	OFF STA	19348	068-09	03/09
28490	Lahaina Boat Basin Lighted Buoy 5	LT EXT	19348	069-09	03/09
28500	Lahaina Boat Basin Lighted Buoy 7	LT EXT	19348	070-09	03/09
28650	Kaunakakai Small Boat Harbor Buoy 5	MSLD SIG	19353	007-06	03/06
28665	Kaunakakai Small Boat Harbor Daybeacon Reef	MISSING	19351	009-06	03/06
29320	Keehi Lagoon Barge Channel Range Rear Light	MISSING	19367	002-08	01/08
29741.1	Waikaea Channel Light 1	MISSING	19381	326-04	47/04
29741.2	Waikaea Channel Light 2	DBN DEST	19381	327-04	47/04
	<b>Fad Site AA - Port Allen, Kauai</b>	<b>MISSING</b>	<b>19381</b>		<b>12/09</b>
	<b>Fad Site BB - Moloaa, Kauai</b>	<b>MISSING</b>	<b>19381</b>		<b>12/09</b>
	<b>Fad Site CC - Kaena Point, Lanai</b>	<b>MISSING</b>	<b>19351</b>		<b>12/09</b>
	<b>Fad Site DD - Opana Point, Maui</b>	<b>MISSING</b>	<b>19004</b>		<b>12/09</b>
	<b>Fad Site FF - Pukaulua Point, Maui</b>	<b>MISSING</b>	<b>19340</b>		<b>12/09</b>
	<b>Fad Site HK - Hakalau, Hawaii</b>	<b>MISSING</b>	<b>19320</b>		<b>12/09</b>
	<b>Fad Site HS - Nakaohu, Maui</b>	<b>MISSING</b>	<b>19320</b>		<b>12/09</b>
	<b>Fad Site I - Halona, Kahoolawe</b>	<b>MISSING</b>	<b>19347</b>		<b>12/09</b>
	<b>Fad Site LA - Lahaina, Maui</b>	<b>MISSING</b>	<b>19347</b>		<b>12/09</b>
	Fad Site MM - Mokapuu Point, Oahu	ADRIFT	19339	117-09	08/09
	<b>Fad Site NL - Nuu Landing, Maui</b>	<b>ADRIFT</b>	<b>19320</b>	<b>134-09</b>	<b>12/09</b>
	<b>Fad Site O - Kalaupapa, Molokai</b>	<b>MISSING</b>	<b>19351</b>		<b>12/09</b>
	Fad Site P - Penguin Bank, Oahu	MISSING	19339	50-09	52/08
	Fad Site WK - Wailua, Kauai	ADRIFT	19381	110-09	06/09
	Water Quality Buoy "KN"	LT EXT	19367	84-09	07/09

#### DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
	Fad Site E - Leleiwi, Hawaii	WATCHING PROPERLY	19320		52/08	12/09
	Fad Site Q - Pauwela Point, Maui	WATCHING PROPERLY	19340		52/08	12/09
	Fad Site UU - Auau Point, Hawaii	WATCHING PROPERLY	19320		40/08	12/09

#### PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

#### PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

### SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

#### TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
29900	Kikiaola Boat Harbor Range Front Light	DISCONTINUED	19386		48/08	
29901	Kikiaola Boat Harbor Range Rear Light	DISCONTINUED	19386		48/08	
30310	Roi-Namur Island Channel Approach Lighted Buoy 2	Reduced Intensity	81715		44/08	

30315	Roi-Namur Island Channel Lighted Buoy 5	Reduced Intensity			44/08
	Fad Site AA - Port Allen, Kauai	DISCONTINUED	19381		48/08
	Fad Site CC - Kaena Point, Lanai	DISCONTINUED	19351	018-09	48/08
	Fad Site HS - Nakaohu, Maui	DISCONTINUED	19320		48/08
	Fad Site I - Halona, Kahoolawe	DISCONTINUED	19347		48/08
	Fad Site LA - Lahaina, Maui	DISCONTINUED	19347	215-08	48/08
	Fad Site XX - Puako, Hawaii	DISCONTINUED	19327		48/08

**TEMPORARY CHANGES CORRECTED**

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

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

**SECTION IV - CHART CORRECTIONS**

None

**SECTION V - ADVANCE NOTICES**

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

Advance Notice(s)

**NOAA - LORAN C DISCONTINUANCE**

NOAA's National Ocean Service (NOS) intends to eliminate LORAN-C lattices from future editions of NOS Paper Nautical Charts and Raster Navigational Charts starting in 2009. NOAA's Office of Coast Survey (OCS) requests that all comments about this change be sent via OCS' inquiry page at: <http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx> prior to April 24, 2009. All other questions may be directed to the inquiry page or by calling NOAA's navigation inquiry hotline: 1-888-990-NOAA (6622).

**SECTION VI - PROPOSED CHANGES**

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			

Proposed Change Notice(s)

**HI ISLANDS - HAWAII - CHANGES TO AIDS TO NAVIGATION**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of Kailua Kona, Hawaii. The study focuses on the area's aid to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication responsibilities, and future development projects.

The Coast Guard is considering altering the light characteristic of Kailua Light (LLNR 28185). The characteristic of the light would change from ISO 6s to FI W 6s.

The Coast Guard is also considering removing the red and green light sectors from Kailua Bay Directional Light (LLNR 28180) and altering the dayboard color to a non-lateral green and white. Additionally, the characteristics would change from Oc W 4s to FI G 6s.

Interested parties are strongly encouraged to comment on this proposal in writing, either personally or through their organization, by March 31, 2009. All comments will be carefully considered. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commander (dpw)  
Fourteenth Coast Guard District  
300 Ala Moana Blvd. Room 9-216  
Honolulu, HI 96850  
Attn: BM1 Katharine Bogle  
(808) 535-3409  
Email: Katharine.M.Bogle@uscg.mil

Charts: 530 540 19004 19007 19008 19009 19010 19320 19327 19331

LNLM: 01/09

**HI ISLANDS - KAUAI - NAWILIWILI - WATERWAYS ANALYSIS AND MANAGEMENT SYSTEM STUDY**

The Coast Guard is conducting a Waterways Analysis and Management Systems (WAMS) study of Nawiliwili Harbor, Kauai. The study focuses on the area's aid to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication responsibilities, and future development projects.

Interested parties are strongly encouraged to comment on this proposal in writing, either personally or through their organization, by April 22, 2009. All comments will be carefully considered. Any company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer  
Attn: Matthew A. Romano  
USCGC KUKUI (WLB-203)  
400 Sand Island Parkway  
Honolulu, HI 96819-4398  
(808) 842-2860  
Email: Matthew.A.Ramano@uscg.mil

Charts: 530 540 19004 19008 19009 19013 19380 19381 19383

LNLM: 11/09

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**SECTION VII - GENERAL**

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

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**DEPARTMENT OF HOMELAND SECURITY - REPORTS OF SUSPICIOUS ACTIVITIES**

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to their local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS watch and warning unit at (202) 323-3205, toll free at 1-888-585-9078, or by e-mail to [nipc.watch@fbi.gov](mailto:nipc.watch@fbi.gov). The U.S. Coast Guard reminds the maritime industry that they may also report information concerning suspicious activity to the National Response Center (NRC) at 1-800-424-8802.

**TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL (TWIC)**

TWIC was established by Congress through the Maritime Transportation Act of 2002 (MTSA) and is administered by the Transportation Security Administration (TSA) and U.S. Coast Guard (USCG). TWICs are tamper-resistant biometric credentials that will be issued to ALL USCG CREDENTIALLED MERCHANT MARINERS, as well as workers who require unescorted access to secure areas of ports, vessels, and outer continental shelf facilities.

By April 15, 2009, all USCG credentialed mariners will be required to hold a TWIC in order for their license, Merchant Mariner Document (MMD), Certificate of Registry (COR), or Standards of Training, Certification, and Watchkeeping (STCW) endorsement to remain valid. Failure to obtain a TWIC may result in suspension or revocation of a mariner's credential under 46 U.S.C. 7702 and 7703.

To obtain a TWIC, an individual must visit an enrollment center where they will pay the enrollment fee, provide biographic information and a complete set of fingerprints, and sit for a digital photograph. Pre-enrollment is highly encouraged as it is designed to save the applicant time and provides the ability to make an appointment. You will need to pick up your TWIC, after being notified it is ready, at the same enrollment center

### **TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL (TWIC)**

where you applied. The cost for TWIC is \$132.50 and it is valid for five years. Mariners who already hold a USCG credential may pay a reduced fee of \$105.25, however, their TWIC will then expire when their USCG credential expires.

For more information on the TWIC program including enrollment locations please visit TSA's websites at <http://www.twicinformation.com/twicinfo/index.jsp> or <http://www.tsa.gov/twic>.

Additional information can be found on the Coast Guard's HOMEPORT website at <http://homeport.uscg.mil/twic> or by calling U.S. Coast Guard Sector Honolulu at (808) 522-8264

### **LONG RANGE IDENTIFICATION AND TRACKING OF SHIPS (LRIT)**

On April 29, 2008, the Coast Guard published in the Federal Register Vol. 73, no.83, the final rule that amended 33 Code of Federal Regulations (CFR) Part 169 to implement LRIT requirements in the United States. This rule requires, consistent with international law, certain ships to report identifying and position data electronically and became effective on May 29, 2008. Additionally, it implements an amendment to Chapter V of the International Convention for the Safety of Life at Sea (SOLAS), Regulation 19-1.

Additionally, the U.S. Coast Guard will operate the U.S. National Data Center (NDC), located in Martinsburg, West Virginia, which will become operational on December 31, 2008. The U.S. NDC will be responsible for the collection, dissemination and management of all LRIT data submitted by U.S. flagged vessels subject to the LRIT regulations. In addition, the U.S. NDC will collect foreign flagged vessel LRIT information from other data centers based on LRIT entitlements.

Furthermore, the U.S. has agreed to operate the International Data Exchange (IDE) on an interim basis from December 31, 2008 until December 31, 2011. During this interim period, the IDE will also be operated by the U.S. Coast Guard in Martinsburg, West Virginia.

Beginning January 1, 2009, the U.S. Coast Guard will examine foreign and U.S. flagged vessels subject to the LRIT regulations to determine status of compliance.

U.S. flagged vessel operators subject to the regulations may view information on how to comply by following the Domestic Vessels links on the USCG Homeport website at: <http://homeport.uscg.mil>.

All U.S. flagged vessel operators subject to the LRIT Regulation are encouraged to visit <http://www.navcen.uscg.gov/lrit/default.htm> to review the latest information regarding LRIT implementation and conformance test scheduling.

### **PUBLICATION - U.S. COAST GUARD LIGHT LIST VOLUME VI AVAILABILITY**

The 2007 U.S. Coast Guard Light List Volume VI, updated to LNM week 27/07 (NTM week 29/07) is now available on the Navigation Center internet site ([www.navcen.uscg.gov/pubs/lightlists/lightlists.htm](http://www.navcen.uscg.gov/pubs/lightlists/lightlists.htm)). Hard copy editions are now available from the Superintendent of Documents, U.S. Government Printing Office, Washington DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents at (866) 512-1800 or online at <http://bookstore.gpo.gov>.

### **PUBLICATION - U.S. COAST PILOT 7 - NEW EDITION**

U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2009, 41st Edition, is ready for issue and may be obtained from:

Federal Aviation Administration  
National Aeronautical Charting Office  
Distribution Division, AJW-3550  
10201 Good Luck Road  
Glenn Dale, MD 20769-9700

and authorized agents of the National Ocean Service. Price \$30.00.

The 2009 Edition cancels the preceding 2008 Edition.

All corrections to the previous edition issued in Notices to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page V of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the internet at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

### **NOAA - RASTER NAVIGATIONAL CHARTS SERVICE RESUMES**

NOAA has resumed its full service of providing free weekly updates and new editions of RNCs via the Internet at <http://www.nauticalcharts.noaa.gov>. A list of certified RNC distributors is also available at the above Internet site. Address questions to NOAA at <http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx>.

## **CHARTS / PUBLICATIONS - NATIONAL OCEAN SERVICE - DATES OF LATEST EDITIONS**

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, is no longer available in printed form. The information that was included in this publication is now only available online at: <http://chartmaker.ncd.noaa.gov/mcd/dole.htm>.

## **LOCAL NOTICE TO MARINERS - AUTOMATIC NOTIFICATION SERVICE**

The USCG publishes the Local Notice to Mariners (LNM) exclusively over the internet in order to improve service and reduce costs. The LNM can be found at [www.navcen.uscg.gov/lnm](http://www.navcen.uscg.gov/lnm).

Users may now sign up to receive automatic notices via email when current information pertaining to the Local Notice to Mariners, Light List, Summary of Corrections, and other maritime related information is posted. To sign up for this automatic notification service, please visit <http://www.navcen.uscg.gov/lnm/listserver.htm>. Registration is free.

## **INTERFERENCE TO GPS RECEIVERS FROM CONSUMER ELECTRONICS - GRADE ACTIVE VHF/UHF MARINE TELEVISION ANTENNAS**

The U.S. Coast Guard and Federal Communications Commission have ascertained that certain powered VHF/UHF marine television antennas are causing operational degradation in the performance of GPS receivers. This degradation in performance or interference may be realized as a display of inaccurate position information or a complete loss of GPS receiver acquisition and tracking ability. The interference interactions have been reported up to 2000 feet from the interference source. This interference has been associated, in some instances, with temperature extremes or proximity to a television broadcast site.

If you are experiencing recurring outages or degradation of your GPS receiver, these may be caused by one of these antennas on your vessel or nearby. If you have a powered VHF/UHF antenna aboard your vessel, you should perform an on-off test of your TV antenna. If turning off the power to the antenna results in improvement in the GPS receiver performance, the antenna may be the source of interference in the GPS band. In that case, you should contact the manufacturer of the antenna and identify the symptoms. If the test is not positive and the GPS interference persists, you should contact the Coast Guard Navigation Information Service at (703) 313-5900, by email: [niswts@navcen.uscg.mil](mailto:niswts@navcen.uscg.mil), or through the website at <http://www.navcen.uscg.gov>

## **EMERGENCY POSITION INDICATING RADIO BEACONS**

The Coast Guard is reminding mariners to check their boating equipment, because after Feb. 1, 2009, only distress alerts from 406 MHz beacons will continue to be detected and processed by search and rescue satellites worldwide. Older model EPIRBs (Emergency Position Indicating Radio Beacons) that transmit a distress alert on 121.5 MHz or 243 MHz will no longer be monitored by satellite, and are likely to go completely undetected in an emergency. Mariners disposing of their old EPIRB before Feb. 1, 2009 are urged to first remove the battery. Additional information of EPIRBs can be found at [www.navcen.uscg.gov/marcomms/gmdss/epirb.htm](http://www.navcen.uscg.gov/marcomms/gmdss/epirb.htm).

## **HI ISLANDS DGPS STATUS**

To obtain status updates of the Differential GPS broadcast sites at Pahoia, Upolu Point, and Kokole Point, HI, contact the NAVCEN WEST watchstander at (707) 765-7612.

## **PRIVATE AIDS TO NAVIGATION**

The term private aids to navigation (ATON) includes all marine aids to navigation operated in the navigable waters of the United States other than those operated by the Federal Government. Private ATON includes lighted structures and day beacons, lighted and unlighted buoys, RACONS and fog signals. Almost half of the aids to navigation established in the Fourteenth District are operated and maintained by private interests. These interests include private citizens, marina and yacht clubs, municipal and state governments, construction and dredging companies, research and non-profit organizations, beachfront associations, and large industrial concerns.

No person, public body or instrumentality not under the control of the Commandant, exclusive of the Armed Forces, shall establish and maintain, discontinue, change or transfer ownership of any aid to maritime navigation, without first obtaining permission to do so from the Commandant and the Army Corps of Engineers.

Owners contemplating establishing such buoys should review CFR 33 Part 66 and contact the appropriate authority, usually the Army Corps of Engineers, to determine what additional requirements may exist. Additionally, private aids on navigable waters regulated by the federal government require either a Coast Guard permit or Coast Guard letter of no objection. The application for a letter of no objection or for a permit, form CG-2554, can be obtained by writing or faxing the Private ATON Manager at the address and phone number given below, or via the website at <http://www.uscg.mil/d14/cmd/dpw/>.

The Private ATON Manager provides applicants assistance in processing their paperwork. Federal regulations governing aids to navigation, copies of permits previously issued to the applicant, illustrations of standard markings, and lists of commercial ATON manufacturers are available. Questions and requests should be directed to:

Commander (dpw)  
Fourteenth Coast Guard District  
300 Ala Moana Boulevard, 9-216  
Honolulu, HI 96850-4982  
Attn: Private ATON Manager  
Tel: (808) 535-3408  
Fax: (808) 535-3414

## PRIVATE AIDS TO NAVIGATION

U. S. Army Corps of Engineers  
Honolulu District  
Building 230  
Ft. Shafter, HI 96858-5440  
Attn: CEPOH-EC-R  
Phone: (808) 438-9258

Mariners are reminded that they have a responsibility to report discrepant private aids to the nearest Coast Guard unit. The failure of a mariner to report a discrepant aid to navigation may result in casualties to others. All aids to navigation in the Fourteenth District, both private and federally maintained, are user monitored. When owners receive discrepancy reports from the Coast Guard, they are obligated to take immediate action to correct the discrepancy. Owners are reminded of their responsibility for the proper operation and maintenance of their private aids to navigation. All classes of private aids to navigation shall be maintained in proper operating condition. They are subject to inspection by the Coast Guard at any time and without prior notice. The Coast Guard issues broadcast notice to mariners for reported discrepancies that remain in effect until the discrepancy is corrected or is published in the Local Notice to Mariners.

## FISH AGGREGATING DEVICE (FAD) BUOY INFORMATION AND DISCREPANCIES

The State of Hawaii has placed Fish Aggregating Devices (FADs) in the waters surrounding the main Hawaiian Islands. These buoys attract schools of tuna and other important pelagic fishes, such as dolphinfish (Mahimahi), wahoo (Ono), and billfish. FADs allow fishermen to easily locate and catch these species. The buoys are anchored using approximately 2.5 miles of mooring line, which creates a very large swing circle. Mariners are advised that these buoys may maneuver anywhere from three to five miles from their charted positions.

Mariners requesting up to date information concerning Hawaiian Island's FAD Buoys, or reports of discrepancies, may either visit the Hawaii FAD web site at <http://www.hawaii.edu/HIMB/FADS/>, contact Mr. Warren Cortez at (808) 848-2939, or send written correspondence to:

Mr. Warren Cortez  
Fish Aggregating Devices Program  
1 Sand Island Road  
Honolulu, HI 96819

Mariners requesting up to date information concerning Guam's FAD Buoys, or reports of discrepancies, may either visit the Guam FAD web site at <http://www.guamdawr.org/aquatics>, contact Mr. Brent Tibbats at (671) 735-3987, or send written correspondence to:

Mr. Brent Tibbats  
Guam Department of Agriculture  
Division of Aquatics and Wildlife Resources  
163 Dairy Road  
Mangilao, Guam 96913

## NAVIGATION INTERNET SITES

Chart Corrections: <http://nauticalcharts.noaa.gov/mcd/updates/index.htm>  
Light List Corrections: <http://www.navcen.uscg.gov/pubs/LightLists/LightLists.htm>  
Coast Pilot Corrections: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>  
NOAA Weather Buoy Sites: <http://www.ndbc.noaa.gov/Maps/rmd.shtml>  
Hawaii Weather: <http://www.prh.noaa.gov/pr/hnl/>  
Online Chart Viewer: <http://www.nauticalcharts.noaa.gov/mcd/OnLineViewer.html>

(For NOAA Print-on-Demand (POD) charts only)

NOAA, Coast Survey, in partnership with OceanGrafix, LLC, offer mariners official nautical charts continually updated by NOAA cartographers to the latest Notice to Mariners and to all Critical Safety Information known to Coast Survey in advance of its publication in a Notice. From NOAA digital files OceanGrafix prints corrected charts, to order, for sale to mariners through the OceanGrafix retail network. Produced and distributed by authority of NOAA, these charts meet all U.S. Coast Guard chart carriage requirements, including the requirements for updating (Titles 33 & 46 CFR). New Editions are available 2-8 weeks before their release as a traditional NOAA chart.

These new charts feature operational information for the commercial mariner, and educational and safety information for the recreational boater. They have brighter colors and higher contrast for better readability in various light conditions. They come either laminated or on water resistant paper. Customized charts are being introduced.

These POD charts are available through POD chart agents at <http://OceanGrafix.com/>, 1-877-56CHART, or contact NOAA at <http://nauticalcharts.noaa.gov/pod/Pod.htm>. For questions contact NOAA at [help@nauticalcharts.gov](mailto:help@nauticalcharts.gov).

## HI ISLANDS - KAHO'OLAWA ISLAND RESERVE COMMISSION - NOTICE OF OPEN WATERS SCHEDULE

Notice to Trollers: The dates below mark the Open Waters Trolling Schedule for January through December 2009. Should you have any questions, please contact the Ocean Resources Program at the Kaho'olawe Island Reserve Commission (KIRC) by emailing the Ocean Resources Specialist at [dtokishi@kirc.hawaii.gov](mailto:dtokishi@kirc.hawaii.gov) or by calling 808-243-5889. This information is also posted on the KIRC website at <http://kahoolawe.hawaii.gov>.

0001W Saturdays to 2359W Sundays as follows:

**HI ISLANDS - KAHO`OLAWE ISLAND RESERVE COMMISSION - NOTICE OF OPEN WATERS SCHEDULE**

April 04-05, 18-19; May 02-03, 16-17; June 13-14, 27-28; July 11-12, 25-26; August 15-16, 29-30; September 12-13, 26-27; October 10-11, 24-25; November 07-08, 14-15; December 12-13, 19-20.

The Kaho`olawe Island Reserve (defined as the submerged lands and waters within two nautical miles of the island) is divided into two zones; Zones A and B. These zones are defined as:

Zone A: Includes the island of Kaho`olawe and all the submerged lands and waters between the shoreline of Kaho`olawe and the 30-fathom isobath surrounding Kaho`olawe (HAR 13-261). Unauthorized entry into Zone A is prohibited at all times except in case of emergency.

Zone B: All waters and submerged lands between the 30-fathom isobath surrounding Kaho`olawe and two nautical miles from the shoreline of the island. Unauthorized entry into Zone B is prohibited at all times except for trolling as authorized by KIRC on the days stipulated by the Open Waters Schedule as listed above or in case of emergency. Trollers must remain underway, making way at all times while in Zone B. All lures or live bait must remain on the water surface. All other fishing, ocean recreation, and any other activities are strictly prohibited. All vessels fishing in the Kaho`olawe Island Reserve during the open trolling weekends are required by state law (H.A.R. 13-261) to register and submit catch reports to the KIRC. KIRC will be implementing its new registration and catch report system beginning January 2007. For more information on how to register and where to submit your catch reports, call 808-243-5889.

Warning: Kaho`olawe and its surrounding submerged lands and waters contain unknown quantities of unexploded ordnance that are hazardous to public health and safety.

Authority: (H.R.S. §6K, H.A.R. §13-261)

**HI ISLANDS - OAHU - KANEOHE BAY - MILITARY OPERATIONS**

Military amphibious and search and rescue operations may be underway at any time, day or night, within Kaneohe Bay in the vicinity of 21-26-06.83N/157-46-11.00W and 21-26-45.00N/157-46-55.00W (approximately .5 NM south of Mokapu Peninsula). Support surface craft will be equipped with appropriate day/night signals and markings and can be reached on VHF-Ch 82. In the interest of safety, it is requested that all vessels that use Sonar contact Water Front Operations on VHF-Ch 82A or by phone at (808) 257-2941 to avoid injury to divers that may be in the area.

**HI ISLANDS - OAHU - KANEOHE BAY - ULUPAU CRATER WEAPONS DANGER ZONE - HAZARDOUS OPERATIONS**

The Ulupau Crater Weapons Training Range Danger Zone is being revised to encompass a sector extending seaward for 3.8 nautical miles (present definition as per 33CFR 334.1380 is 3,900 yards) between radial lines bearing 001 and 129 degrees true, from a point on Mokapu Peninsula at 21-27-10N, 157-43-45W. Whenever live firing is scheduled and in progress during daylight hours, two large red triangular warning pennants will be flown on the shore at Ulupau Crater. Whenever any weapons firing is scheduled and in progress during periods of darkness, flashing red warning beacons will be displayed on the shore at Ulupau Crater. Boaters will have complete access to the Danger Zone whenever weapons firing is not scheduled, which will be indicated by the absence of any warning flags, pennants, or beacons displayed ashore. The danger zone is considered unsafe for mariners whenever live firing is in progress; in such cases boaters shall vacate the zone at best speed and by the most direct route. However, vessels are permitted to expeditiously pass through the danger zone when live firing is in progress; all firing would be temporarily suspended until the vessel has cleared the zone. Additional information may be obtained by calling the MCBH Range Manager (AC/S G-3) at (808) 257-8816/17.

The following are hazardous operations to mariners for March 25, 2009 - April 01, 2009:

Zones 1 (NE Range)

- Mar 25 0700 - 1800
- Mar 26 0700 - 1500
- Mar 27 0700 - 1500
- Mar 28 N/A
- Mar 29 N/A
- Mar 30 0700 - 1500
- Mar 31 0700 - 1500
- Apr 01 0700 - 1500

Zones 2 (E Range)

- Mar 25 1300 - 2200
- Mar 26 0800 - 1400
- Mar 27 0800 - 2200
- Mar 28 N/A
- Mar 29 N/A
- Mar 30 N/A
- Mar 31 N/A
- Apr 01 N/A

**HI ISLANDS - OAHU - KEAHI POINT - HAZARDOUS OPERATIONS**

The Keahi Point Danger Zone is located in ocean waters as described by the below coordinates and is closed at all times to surface craft, swimmers, and divers, with the exception of authorized personnel.

Additional information may be obtained by contacting Daniel Geltmacher at daniel.geltmacher@usmc.mil (33CFR 334.1370).

The Danger Zone is bounded by the following coordinates:

21-18-21N/157-59-14W

**HI ISLANDS - OAHU - KEAHI POINT - HAZARDOUS OPERATIONS**

21-18-11N/158-00-17W  
21-17-11N/158-00-06W  
21-17-22N/157-59-03W

The following are hazardous operations to mariners for March 25, 2009 - April 01, 2009:

Mar 25 0700 - 1700  
Mar 26 0700 - 1500  
Mar 27 0700 - 1600  
Mar 28 N/A  
Mar 29 N/A  
Mar 30 0800 - 1700  
Mar 31 0700 - 1600  
Apr 01 0700 - 1700

**HI ISLANDS - KAUAI - BARKING SANDS - PACIFIC MISSILE RANGE FACILITY HI AREA - HAZARDOUS OPERATIONS**

Intermittent missile firing operations are conducted by the Pacific Missile Range Facility (PMRF), Barking Sands, Kauai, in the Whiskey 188 (W-188) operating area. Operations are conducted periodically throughout each week in an area bound by the following coordinates:

22-02.4N/159-47.3W, 22-00.0N/159-51.0W, 22-00.0N/160-00.0W, 22-02.7N/160-09.1W, 22-03.0N/160-21.0W, 22-05.0N/161-35.0W, 22-56.0N/161-49.0W, 22-45.0N/161-25.0W, 23-57.0N/160-41.0W, 25-41.0N/161-36.0W, 25-47.0N/158-15.0W, 23-54.0N/158-15.0W, 22-20.0N/159-09.0W, 21-58.1N/159-20.5W, 22-13.0N/159-42.0W, 22-00.0N/159-51.0W

Vessels may be requested to alter course due to firing operations and are requested to contact "Missile Range Barking Sands" on HF 2182 KHz, 4491 USB, or VHF-Ch 16 prior to entering the above boundaries. If unable to contact the PMRF prior to entering or while in the warning area, relay messages through U.S. Coast Guard Honolulu. Vessels inbound and outbound for Hawaiian ports will create the least interference to firing operations as well as enhance vessel's safety by passing South of the Islands of Kauai and Niihau during the specified times. Federal law provides for civil penalties of \$32,500 and/or criminal penalties of 6 years in prison for each violation of the PMRF safety zone during the schedule of designated activity (33CFR 165.1406).

The following are hazardous operations to mariners for March 25, 2009 - April 01, 2009:

Mar 25 No Hazardous Operations Scheduled.  
Mar 26 No Hazardous Operations Scheduled.  
Mar 27 No Hazardous Operations Scheduled.  
Mar 28 No Hazardous Operations Scheduled.  
Mar 29 No Hazardous Operations Scheduled.  
Mar 30 No Hazardous Operations Scheduled.  
Mar 31 No Hazardous Operations Scheduled.  
Apr 01 No Hazardous Operations Scheduled.

**HI ISLANDS - SOUTH COAST OAHU - HAZARDOUS OPERATIONS - HOT AREAS**

FACSFAC Pearl Harbor established a "HOT AREA" named "KAPU" on April 15, 1995, and a "HOT AREA" named "WELA" on March 1, 1997. Both areas have effective hours of 0700W to 2300W Monday-Friday, and on weekends by request (less federal holidays). Activities include intermittent naval gunnery exercises and airborne ordnance drops. "KAPU" is also designated as the emergency jettison area for aircraft with hung stores, etc. Hot area "KAPU" is an area bounded by 20-41N/158-04W, 18-51N/158-24W, 19-08N/159-15W, 20-46N/158-16W, thence to the point of origin. Hot area "WELA" is an area bounded by 19-30N/158-18W, 18-50N/158-26W, 19-08N/159-15W, 19-43N/158-54W, thence to the point of origin. Scheduling authority is FACSFAC Pearl Harbor call sign "HULA DANCER". "HULA DANCER" can be reached on primary 266.4/127.0 MHz, or secondary 336.8/132.4 MHz or telephone (808) 472-7333/7337 and may authorize transits through these areas on a case-by-case basis. No exclusive events involving ordnance will be authorized in areas "KAPU" and "WELA" from 1730W to 0730W unless requests are received no later than three working days prior to event date. Immediate fire evolution Report/Debrief is requested by FACSFACPH with recommendations to improve this evolution.

**MARINE EVENTS**

This section contains information of general concern to the mariner. All event forms must be received no later than noon on Tuesday a week prior to the event. Mariners are advised to use caution while transiting these areas.

**HI ISLANDS - OAHU - FIREWORKS DISPLAY**

Hilton Hawaiian Village will be conducting a fireworks display in Waikiki on March 27, 2009, from 1900W - 2000W. In the interest of safety, all vessels must maintain a safe distance of 210 feet from the discharge site.

**HI ISLANDS - HAWAII - CANOE RACE**

The Hawaii Island Paddlesports Association will be conducting the 2009 Championship Race in ocean waters off Keoke Beach Park on March 28, 2009, from 0900W - 1200W.

**HI ISLANDS - MAUI - CANOE RACE**

The Maui Canoe and Kayak Club will be conducting the Championship to Makena canoe race beginning in ocean waters off Haycraft Park and ending at Makena Landing on March 28, 2009, from 1400W - 1600W.

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**SECTION VIII - LIGHT LIST CORRECTIONS**

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

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**PUBLICATION CORRECTIONS**

**U.S COAST PILOT 7 CHANGES**

U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2009 (41st) Edition. Change No. 13. See Enclosure (1).

**UPDATE TO THE 2009 EDITION OF THE NOS TIDAL CURRENT TABLES**

The NOAA National Ocean Service's Center for Operational Oceanographic Products and Services (CO-OPS) is issuing a correction to the Latitude/Longitude position recorded in the 2009 Tidal Current Tables - Pacific Coast of North America and Asia for the station at San Christoval Rock. The corrected position for the station is:

Index#	Name	Latitude	Longitude
3416	San Christoval Rock	55° 33.76	133° 17.95

This change will be reflected in the 2010 edition of the Tidal Current Tables - Pacific Coast of North America and Asia.

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**ENCLOSURES**

**ENCLOSURE (1)**

U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2008 (41st) Edition. Change No. 13.

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M. Brown  
Rear Admiral, U.S. Coast Guard  
Commander, Fourteenth Coast Guard District

Publication—National Ocean Service—U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2009 (41<sup>st</sup>) Edition. Change No. 13.

Coast Pilot 7 41<sup>st</sup> 2009

Corrections

Page 272-Paragraph 102, lines 1-4; read:

In November 2008, the controlling depth was 10 feet (14 feet at midchannel) in the dredged channel to the highway bridge; general depths of 14 to 15 feet were available in ...

(DD 13158)

Page 295-Paragraph 431, lines 3-6; read:

is just N of the entrance basin. In December 2008, the controlling depth was 19 feet in the entrance channel to the entrance basin, thence depths of 19 to 20 feet were available in the entrance basin; thence in July 2008, depths of 8 to 9 feet were available in the inner basin.

(DD 13156; DD 12141)

Page 395-Paragraph 158, line 4 through Paragraph 159, line 5; read:

awash about 230 yards apart. **Blunts Reef Lighted Bell Buoy 40** (40°26'24"N., 124°30'19"W.), is an exposed location buoy (ELB) 2 miles WSW of the outer rock. The currents at the buoy are described in the Tidal Current Tables.

The area as far W as Blunts Reef Lighted Bell Buoy 40 and for about 4 miles N and S of Cape Mendocino includes dangerous rocks and covered ledges. Vessels should not attempt the passage between Blunts Reef Lighted Bell Buoy 40 and the cape under any circumstances.

(LL/09; NOS 18623)

Page 396-Paragraph 180, lines 1-2; read:

**From South**

From a position 1.5 miles 260° from Blunts Reef Lighted Bell Buoy 40, steer **356½°** for 5 miles, when Cape ...

(LL/09; NOS 18623)

Page 403-Paragraph 288, line 4; read:

Friday from 0700 to 1700.

(CL 183/09)

Page 416-Paragraph 131, lines 6-8; read:

bascule bridge. In April 2008, the controlling depth was 16 feet to the bridge, with lesser depths to 11 feet just N of the bridge. The channel from the junction

...

(DD 11363)

Page 424-Paragraph 228, lines 3-5; read:

feet; thence in February 2009, depths of 6 to 8 feet were available in the basin with lesser depths to 3 feet in the SE corner. In 1994, shoaling to 4 feet was reported ...

(DD 13352)

Page 594-Paragraph 451, lines 4-6; read:

which is an unmarked opening in the reef.

(09/09 CG14)