



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

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## LOCAL NOTICE TO MARINERS

**District: 14**

**Week: 42/09**

October 21, 2009

ISSUED BY:

Commander (dpw)

Fourteenth Coast Guard District

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**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, 2009 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 BNM: 013-10 to 018-10

COMCOGARD SECTOR GUAM BNM: 205-09 to 207-09

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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 has been placed on station in position 17-05-39.316N/157-48-27.331W. The previous hull is still adrift and also marked with the number 51002. 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 has been placed on station in position 17-31-31.152N/152-22-54.539W. The previous hull is still adrift and also marked with the number 51004. 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).

### **PACIFIC OCEAN - KWAJALEIN ATOLL - DART BUOY 52402 - ADRIFT**

Deep Ocean Assessment and Reporting of Tsunamis (DART) Buoy 52402 is off station and adrift. The buoy is 2.6 meters in diameter, disc shaped, and yellow in color. The last reported position was approximately 790 nautical miles northeast of Kwajalein Atoll in position 11-44-16N/154-13-12E. Mariners are advised to use caution when transiting the area.

### **HI ISLANDS - FAD BUOY DEPLOYMENT - HAZARD TO NAVIGATION**

From October 7, 2009 through October 22, 2009, the FAD program will be replacing AA (Port Allen, Kauai), BB (Moloaa, Kauai), DK (Anahola, Kauai), BO (Barbers Point, Oahu), DD (Opana Point, Maui), FF (Pukaulua Point, Maui), HS (Halona Point, Kahoolawe), and HK (Hakalau, Hawaii). The 49' Opailolo 2 will be performing the work. Approximately 2.5 nautical miles of FAD mooring line may be present on the ocean surface near the work site posing a temporary hazard to navigation. In the interest of safety, all mariners are asked to remain clear of these areas during servicing.

### **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 - NORTH KAWAIHAE SMALL BOAT HARBOR - HARBOR AND BOAT RAMP CLOSURE**

Kiewit Pacific will be conducting work on the North Kawaihae Small Boat Harbor from October 13, 2009 through November 13, 2009. The boat ramp and the small boat harbor will be closed and fenced off during the duration of the project. Access to the harbor will be limited to Kiewit Pacific operations only.

### **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 2009. 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 Kawaiihae from the northwest. All Mariners are advised to exercise caution within these areas.

#### **HI ISLANDS - HAWAII - WAILOA SMALL BOAT HARBOR - SHOALING**

Shoaling has been reported within the Waihoa Small Boat Harbor. A precautionary sign displaying a flashing white beacon light has been posted at the entrance to the harbor alerting mariners to the shoaling. All mariners are advised to exercise caution when transiting the area.

#### **HI ISLANDS - OAHU - HAZARDOUS OPERATIONS**

The military will be conducting hazardous operations, approximately 40 nautical miles south of Oahu, from October 20, 2009 through October 25, 2009, from 0800W - 2200W daily, in an area bound by:

20-40N/158-00W  
20-40N/157-20W  
19-00N/157-20W  
19-00N/158-00W

In the interest of safety, all mariners not involved in the above event are requested to remain clear of the above area.

#### **HI ISLANDS - OAHU - HONOLULU HARBOR - DREDGING**

American Marine will be conducting dredging operations within Honolulu Harbor at Piers 52-53, from September 21, 2009, and will continue until November 28, 2009. Work will be performed from the AMC 160 Derrick Barge and the American Service Flat Barge, which will be anchored using a four point mooring pattern. The AMC 160 Derrick Barge and the American Service Flat Barge (call sign WAP9998) will be on scene monitoring VHF-Ch 12 and work 80 Alpha. The hours of operation will vary based on scheduling of Matson shipment on these piers. The distance that the barges will be sticking out of the channel depends on the daily orientation, but will not exceed 105 feet. All vessels are advised to use extreme caution while transiting the area.

#### **HI ISLANDS - OAHU - KEWALO BASIN - AIDS TO NAVIGATION**

During the establishment of Kewalo Basin Lighted Buoy #3 (LLNR 29158) DGPS satellite signals were unreliable. The assigned position can not be verified, there for mariners are advised to exercise caution when transiting the area.

LNLM: 27/09

#### **HI ISLANDS - OAHU - SOUTH OAHU - HAZARD TO NAVIGATION**

An array of buoys are temporarily deployed in ocean waters off Honolulu International Airport reef runway in the following positions:

21-17-40.68N/ 157-55-20.64W  
21-17-42.30N/ 157-55-27.96W  
21-17-50.40N/ 157-55-19.02W  
21-17-50.76N/ 157-55-27.42W

In the interest of safety, all vessels are requested to exercise caution while transiting the area.

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

Healy Tibbits resumed dredging operations within the West Loch of Pearl Harbor. The projected completion date is for the end of November 2009. Work will be performed from barge WEEKS 544 (143' 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 anchor 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 544 (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 - WAIANAE SMALL BOAT HARBOR - CONSTRUCTION**

Kaikor Construction Company, Inc. commenced pier improvements in Waianae Small Boat Harbor, Oahu, on October 26, 2009, and will continue until February 26, 2010. There will be a vessel on scene. The overall project consists of removing the existing finger piers and replacing with new pre-cast concrete piers including modifications to existing pier caps and adjacent walkways. Bays within the finger pier removal will be closed. Construction hours of operation are Monday through Friday 0700W - 1530W. The Point of Contact is Dickey Lee at (808)587-0280. Mariners are requested to use extreme caution when transiting the area.

**HI ISLANDS - OAHU - HAZARDOUS OPERATIONS**

The military will be conducting hazardous operations from October 21, 2009 through October 22, 2009, from 1900W - 2200W, approximately 17 nautical miles north of Oahu in an area bound by the following coordinates:

- 22-00N/158-01W
- 22-00N/157-56W
- 21-50N/157-56W
- 21-50N/158-01W

In the interest of safety, all mariners not involved in the above event are requested to remain clear of 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 October 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.

**MARIANA ISLANDS - GUAM - AGAT BAY - HAZARD TO NAVIGATION**

The military will be conducting underwater operations in position 13-25N/144-37E, approximately 1.5 nautical miles south of Orote Point. Operations will be daily until November 23, 2009.

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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
30210	Pago Pago Harbor Lighted Buoy 4	LT EXT	83484		40/09	
30355	Kwajalein-Roi Highway Channel Daybeacon 6	STRUCT DEST	81715		33/09	
30751	Piti Channel Entrance Light 1	DBN DMGD	81054	203-09	41/09	
30800	Apra Inner Harbor Range Front Light	DBN DMGD	81054	196-09	40/09	
30875	Tanapag Harbor Range Front Light	DBN DMGD	81076	197-09	40/09	

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

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

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
28382.1	Kahului Boat Ramp Buoy 11	MISSING	19342	102-06	18/06	
28427	Maalaea Basin Channel Buoy 1	MISSING	19350	293-09	40/09	
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	
<b>28500</b>	<b>Lahaina Boat Basin Lighted Buoy 7</b>	<b>MISSING</b>	<b>19348</b>		<b>42/09</b>	
28665	Kaunakakai Small Boat Harbor Daybeacon Reef	MISSING	19351	009-06	03/06	
30811.3	Agat Small Boat Harbor Light 3	DBN DMGD	81048	177-09	37/09	
30918.5	Sugar Dock Buoy 8	MISSING	81067		40/09	
	American Marine Barge	MISSING	19362	244-09	30/09	
	Fad Site DD - Opana Point, Maui	MISSING	19004		12/09	
	Fad Site FF - Pukaulua Point, Maui	MISSING	19340		12/09	
	Fad Site G - Pepeekeo, Hawaii	MISSING	19004		36/09	
	Fad Site H1	STRUCT MISSING	19320		36/09	
	Fad Site HK - Hakalau, Hawaii	MISSING	19320		12/09	
	Fad Site J - Wailalee, Oahu	MISSING	19380		36/09	
	Fad Site NL - Nuu Landing, Maui	ADRIFT	19320	134-09	12/09	
	Fad Site T - Makapuu, Oahu	MISSING	19339		36/09	

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
	Fad Site BB - Moloaa, Kauai	WATCHING PROPERLY	19381		12/09	42/09
	Fad Site BO - Barbers Point, Oahu	WATCHING PROPERLY	19380		36/09	42/09
	Fad Site DK - Anahola, Kauai	WATCHING PROPERLY	19004		36/09	42/09
	Fad Site HH - Pearl Harbor, Oahu	WATCHING PROPERLY	19340		31/09	42/09

**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
29145	Kewalo Basin Entrance Range Rear Light	DISCONTINUED	19367	194-09	25/09	
29320	Keehi Lagoon Barge Channel Range Rear Light	DISCONTINUED	19367		28/09	
29900	Kikiaola Boat Harbor Range Front Light	DISCONTINUED	19386		48/08	
29901	Kikiaola Boat Harbor Range Rear Light	DISCONTINUED	19386		48/08	
30916	Tanapag Boat Ramp Buoy 1	DISCONTINUED	81076		38/09	
30916.1	Tanapag Boat Ramp Buoy 2	DISCONTINUED	81076		38/09	
30916.2	Tanapag Boat Ramp Buoy 3	DISCONTINUED	81076		38/09	
30916.3	Tanapag Boat Ramp Buoy 4	DISCONTINUED	81076		38/09	

30916.4	Tanapag Boat Ramp Buoy 5	DISCONTINUED	81076	38/09
30916.5	Tanapag Boat Ramp Buoy 6	DISCONTINUED	81076	38/09
30916.6	Tanapag Boat Ramp Buoy 7	DISCONTINUED	81076	38/09
30916.7	Tanapag Boat Ramp Buoy 8	DISCONTINUED	81076	38/09
30916.8	Tanapag Boat Ramp Buoy 9	DISCONTINUED	81076	38/09
30916.9	Tanapag Boat Ramp Buoy 10	DISCONTINUED	81076	38/09
30916.91	Tanapag Boat Ramp Buoy 11	DISCONTINUED	81076	38/09
30916.92	Tanapag Boat Ramp Buoy 12	DISCONTINUED	81076	38/09
30916.93	Tanapag Boat Ramp Buoy 13	DISCONTINUED	81076	38/09
30916.94	Tanapag Boat Ramp Buoy 14	DISCONTINUED	81076	38/09
30916.95	Tanapag Boat Ramp Buoy 15	DISCONTINUED	81076	38/09
	Fad Site HS - Nakaohu, Maui	DISCONTINUED	19320	48/08
	Fad Site LA - Lahaina, Maui	DISCONTINUED	19347 215-08	48/08

**TEMPORARY CHANGES CORRECTED**

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

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION IV - CHART CORRECTIONS**

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Main Panel 2245 NEW YORK HARBOR	CGD01	
(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3	at 40-41-09.001N	074-02-48.001W
Green can		
Corrective Action	Object of Corrective Action	Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

<b>540</b>	<b>19th Ed.</b>	<b>01-APR-08</b>	<b>Last LNM: 18/09</b>	<b>NAD 83</b>	<b>42/09</b>
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Chart Title: Hawaiian Islands

Main Panel 2407 HAWAIIAN ISLANDS. Page/Side: N/A

CHANGE	Pyramid Rock Light	CGD14	
	Change Flash characteristics to FI W 6s and change nominal range from 13M to 10M	at 21-27-44.107N	157-45-48.690W

<b>19004</b>	<b>38th Ed.</b>	<b>01-MAY-06</b>	<b>Last LNM: 09/09</b>	<b>WGS 84</b>	<b>42/09</b>
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ChartTitle: **Hawaiian Islands**

**Main Panel 2763 HAWAIIAN ISLANDS. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19007 18th Ed. 01-DEC-06 Last LNM: 19/09 WGS 84 42/09**

ChartTitle: **Hawai'i to French Frigate Shoals**

**Main Panel 2764 HAWAII TO FRENCH FRIGATE SHOALS. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19008 5th Ed. 19-JAN-08 Last LNM: 17/08 WGS 84 42/09**

ChartTitle: **HI - HAWAIIAN ISLANDS (OMEGA)**

**CHART HI - HAWAIIAN ISLANDS (OMEGA). Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19009 4th Ed. 16-FEB-85 Last LNM: 41/04 WGS 84 42/09**

ChartTitle: **HI - HAWAIIAN ISLANDS (LORAN C)**

**CHART HI - HAWAIIAN ISLANDS (LORAN C). Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19010 19th Ed. 01-OCT-06 Last LNM: 09/09 WGS 84 42/09**

ChartTitle: **Hawaiian Islands southern part**

**Main Panel 2765 HAWAIIAN ISLANDS SOUTHERN PART. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19013 18th Ed. 01-NOV-06 Last LNM: 18/09 WGS 84 42/09**

ChartTitle: **Hawaiian Islands northern part**

**Main Panel 2766 HAWAIIAN ISLANDS NORTHERN PART. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19340 27th Ed. 01-MAR-08 Last LNM: 09/09 WGS 84 42/09**

ChartTitle: **Hawai'i to O'ahu**

**Main Panel 2786 HAWAII TO OAHU. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

**19357 24th Ed. 01-JUN-08 Last LNM: 19/06 WGS 84 42/09**

ChartTitle: **Island of O'ahu;Barbers Point Harbor**

**CHART HI - ISLAND OF OAHU. Page/Side: N/A**

CHANGE Pyramid Rock Light  
Change Flash characteristics to FI W 6s and change nominal range from  
13M to 10M

CGD14  
at 21-27-44.107N

157-45-48.690W

ChartTitle: O'ahu East Coast Kāne'ohe Bay

Main Panel 2803 OAHU-EAST COAST KANEOHE BAY. Page/Side: N/A

CHANGE	Pyramid Rock Light Change Flash characteristics to FI W 6s and change nominal range from 13M to 10M	CGD14 at 21-27-44.107N	157-45-48.690W
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ChartTitle: Pearl Harbor O'ahu South Coast

Main Panel 2890 PEARL HARBOR OAHU-SOUTH COAST . Page/Side: N/A

CHANGE	Pearl Harbor Light 9 Change Nominal Range from 5M to 6M	CGD14 at 21-19-39.717N	157-58-15.619W
CHANGE	West Loch Junction Light W Change Nominal Range from 4M to 6M	CGD14 at 21-20-30.369N	157-58-17.342W

ChartTitle: O'ahu South Coast Approaches to Pearl Harbor

Main Panel 2891 APPROACHES TO PEARL HARBOR . Page/Side: N/A

CHANGE	Pearl Harbor Light 9 Change Nominal Range from 5M to 6M	CGD14 at 21-19-39.717N	157-58-15.619W
CHANGE	West Loch Junction Light W Change Nominal Range from 4M to 6M	CGD14 at 21-20-30.369N	157-58-17.342W

**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		
<u>Advance Notice(s)</u>		
None		

**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 - MAUI - KAHALUI HARBOR - AIDS TO NAVIGATION STUDY**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of Kahalui Harbor, Maui. 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 study in writing, either personally or through their organization, by October 18, 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

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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 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

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

The 2009 U.S. Coast Guard Light List Volume VI, updated to LNM week 53/08 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://www.nauticalcharts.noaa.gov/mcd/dole.htm>.

### **NOAA - NAVIGATION CHART REPRINTING INITIATIVE**

Mariners will have the latest information under a new initiative in navigation chart reprinting. Beginning immediately, NOAA will provide revised reprints to distribute up-to-date critical information on nautical charts.

A revised reprint nautical chart incorporates all U.S. Coast Guard Local Notice to Mariners (LNM) and all National Geospatial-Intelligence Agency (NGA) Notice to Mariners (NM) issued since the current edition date. A revised reprint will be published when printed stock of the current edition is low. In the past, when a chart was running out of stock, NOAA would print more copies of the same chart without applying updates. The revised reprint will contain all critical corrections applied before the chart is printed. They are similar to the NOAA's Print on Demand (POD) charts, but are lithographically printed according to traditional paper chart standards.

Revised reprints offer the convenience and added measure of safety of a chart that is updated at time of purchase. The lower left corner of a revised reprint nautical chart will contain the edition number of the chart with the edition date, the words "Revised reprint," along with the dates of the NGA Notice to Mariners and the U.S. Coast Guard's Local Notice to Mariners available at time of printing. As with all nautical charts, revised reprints should be updated with all critical corrections issued after the "corrected through" dates.

A listing of upcoming new edition and revised reprint charts published by NOAA is available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

### **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

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

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: [nisws@navcen.uscg.mil](mailto:nisws@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

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.

## PRIVATE AIDS TO NAVIGATION

### 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 - U.S. DEPARTMENT OF HOMELAND SECURITY - DIVER SAFETY ADVISORY

This advisory is issued to increase the safety of all open water and waterway users throughout the Hawaiian Islands and is issued in conjunction with the Department of Land and Natural Resources (DLNR) pilot program focusing on diver safety.

Over the years there have been an increased number of reports of near misses between divers and waterborne crafts in Oahu, Maui, and Hawaii. In most cases, these near misses have happened in near coastal waters and often when conditions were choppy.

These following suggested measures can help avoid near misses:

- Become familiar with your transit route and destination area before heading out,
- Remain vigilant of your surroundings and post extra lookouts in choppy waters and inclement weather,
- Stay clear of Federal Aids to Navigation and commercial delineated channels,
- Use all appropriate sound and visual signals, and
- Postpone trips until the weather and sea conditions improve.

All open water and waterway users are also highly encouraged to visit the Coast Guard Sector Honolulu Homeport website for Safety and Security Zone information for the Hawaiian Islands at: <http://homeport.uscg.mil/> under the Honolulu Port Directory tab and Safety and Security section.

The most updated charts for the Hawaiian Islands can be found on the National Oceanic and Atmospheric Administration (NOAA) website: <http://www.prh.noaa.gov/pr/hnl/> or <http://www.nauticalcharts.noaa.gov/mcd/OnLineViewer.html>.

Any and all life threatening or hazardous conditions including off station or missing buoys should be reported immediately to the U.S. Coast Guard

**DGPS SITES OFF AIR**

NAVCEN West will be conducting scheduled preventive maintenance for the Upolu, HI DGPS site. There will be a four hour off-air time and there may be a minor loss of coverage due to no double coverage in some areas. The following are the primary and secondary dates and times for the maintenance:

Upolu DGPS Site primary - October 22, 2009, from 1200W - 1600W  
Upolu DGPS Site secondary - October 23, 2009, from 1200W - 1600W

**HI ISLANDS - KAUAI - GPS TESTING**

There will be GPS testing in the vicinity of Kauai on October 15, 2009 through November 07, 2009, from 1700W - 1200W continuously. The testing frequency will be L1-1575.42MHz. The center point of impact is in position 22-08.20N/159-43.43W with a 98 mile radius. GPS sites may be unreliable. Mariners are advised to exercise caution when transiting the area.

**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 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:

October 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 - KANEHOE 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 - 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.

### 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 October 21, 2009 - October 27, 2009:

#### Zones 1 (NE Range)

Oct 21 0000 - 2200  
Oct 22 0600 - 2200  
Oct 23 0600 - 2200  
Oct 24 N/A  
Oct 25 N/A  
Oct 26 0600 - 1800  
Oct 27 0600 - 2200

#### Zones 2 (E Range)

Oct 21 0830 - 1700  
Oct 22 0800 - 1800  
Oct 23 0600 - 1400  
Oct 24 N/A  
Oct 25 N/A  
Oct 26 N/A  
Oct 27 0830 - 1700

### 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](mailto:daniel.geltmacher@usmc.mil) (33CFR 334.1370).

The Danger Zone is bounded by the following coordinates:

21-18-21N/157-59-14W  
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 October 21, 2009 - October 27, 2009:

Oct 21 0700 - 1700  
Oct 22 0700 - 1700  
Oct 23 0700 - 1700  
Oct 24 N/A  
Oct 25 0700 - 1700  
Oct 26 0700 - 1700  
Oct 27 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 October 21, 2009 - October 28, 2009:

Oct 21 0700 - 1730 Kaulakahi Channel and Nohii Pt. to 60NM West through North.  
Oct 22 NO HAZARDOUS OPERATIONS SCHEDULED  
Oct 23 0700 - 1730 Kaulakahi Channel and Nohii Pt. to 60NM West through North.

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

- Oct 24 NO HAZARDOUS OPERATIONS SCHEDULED
- Oct 25 NO HAZARDOUS OPERATIONS SCHEDULED
- Oct 26 NO HAZARDOUS OPERATIONS SCHEDULED
- Oct 27 NO HAZARDOUS OPERATIONS SCHEDULED
- Oct 28 1530 - 2100 Kaulakahi Channel and Nohili Pt. to 1000NM West through Northeast.

**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 - MAUI - SWIM RACE**

Team Unlimited, Inc. will be conducting the 2009 Xterra World Championships Swim in ocean waters off Malu'aka in front of the Maui Prince Resort, from October 23, 2009 through October 25, 2009, from 0600W - 1800W.

**HI ISLANDS - OAHU - FIREWORKS DISPLAY**

Hilton Hawaiian Village will be conducting the Rockin Rainbow Revue Fireworks Display in Waikiki on October 23, 2009, from 1915W - 2015W. In the interest of safety, all vessels must maintain a safe distance of 210 feet from the discharge site.

**HI ISLANDS -OAHU - OUTRIGGER CANOE RACE**

Alapa Hoe Canoe Club will be conducting the Keehi Ironman Outrigger Canoe Challenge from Hawaii Kai, to Maunalua Bay, finishing outside the entrance of Keehi Lagoon on October 24, 2009, from 0700W - 1200W.

**HI ISLANDS - OAHU - SAILBOAT RACE**

Hawaii Yacht Club will be conducting the Ko Olina Regatta from Mamala Bay to Kahe Point and return from October 24, 2009 through October 25, 2009, from 1100W - 1600W.

**HI ISLANDS - MAUI - SAILBOAT RACE**

Lahaina Yacht Club will be conducting the LYC Fall Regatta in ocean waters off Puamana Beach near Lahaina on October 24, 2009, from 1000W - 1600W.

**HI ISLANDS - HAWAII - SAILBOAT RACE**

Kona Sailing Club will be conducting the 4th Fall Regatta in ocean waters off Honokohau on October 24, 2009, from 1130W - 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
28675	Pyramid Rock Light	21-27-44.107N 157-45-48.690W	FI W 6s	101	10	13	Blocking panel obscures light from 062T to 273T
			*		*		*
29420	PEARL HARBOR LIGHT 9	21-19-39.717N 157-58-15.619W	FI G 4s	15	6	SG on pile.	42/09
					*		
29430	WEST LOCH JUNCTION LIGHT W	21-20-30.369N 157-58-17.342W	FI (2+1)G 6s	15	6	JG on pile.	42/09
					*		

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**PUBLICATION CORRECTIONS**

**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**

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None

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