LOCAL NOTICE TO MARINERS

District: 14

April 20, 2022

ISSUED BY:
Commander (dpw)
Fourteenth Coast Guard District
300 Ala Moana Boulevard Room 9-220
Honolulu, HI 96850-4982
Telephone: (808) 535-3409
Email: D14-DG-PJ-dpw@uscg.mil
Website: https://www.navcen.uscg.gov/

Note:
Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, possibly beneath the surface. Any life threatening or hazardous conditions including off station, missing, or inoperative aids to navigation should reported immediately to U.S. Coast Guard Sector Honolulu at (808) 842-2600 and U.S. Coast Guard Sector Guam at (671) 355-4822. Mariners should proceed with caution.

References:
Light List, Volume VI, Pacific Coast and Pacific Islands, 2022 Edition (COMDT PUB P16502.6).

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: 055-22 to 059-22
COMCOGARD SECTOR GUAM BNMs: 156-22 to 164-22

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
ADICW - 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
DAMGA/DAMGD - Damaged
ec - eclipse
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation

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
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly

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
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SN - Sound
SM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STC - Structure
STM - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
**** Cancellation of NOAA Paper and Raster Nautical Charts ****
The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months notice of the intent to cancel a specific chart is provided in a “Last Edition” notice. The final cancellation of a chart is made in a “Canceled” notice. Both types of notices will appear in LNM Section IV, “Chart Correction.” A comprehensive list of all canceled NOAA charts is available at: http://www.charts.noaa.gov/MCD/Dole.shtml.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA’s electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: https://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html

An online NOAA Custom Chart application at: https://devgis.charttools.noaa.gov/pod is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

**** NAVCEN Website Transition ****
The U.S. Coast Guard Navigation Center is going to transition the Navigation Center website to a new, enhanced version in the first quarter of 2022. As part of this transition, URLs will be updated across the site including URLs linked to PDFs. Therefore, once the transition is complete, legacy site URLs will no longer function, including bookmarked URLs and URLs used in automatic downloading of data and/or products. Outdated URLs will automatically redirect to the home page of the site, and from there you will be able to easily navigate to your preferred page.

Below are a few of the "old"/new URL pairs listed for your convenience. Please note that the new URLs will not be active until we launch the new website. Of course, once it is launched, the new URLs will be available for re-bookmarking. As a reminder, these are top level URLs that may contain additional links that you use.

This notice will be updated when the final launch date is determined and another notice will be issued to notify you when the site goes live. Questions/concerns may be directed to the NAVCENWebTEAM@uscg.mil.

Local Notices to Mariners (LNMs)
Current URLs: https://www.navcen.uscg.gov/?pageName=lnmMain
Replacement: https://www.navcen.uscg.gov/local-notices-to-mariners-by-cg-district

Light Lists Annual Publication
Current URLs: https://navcen.uscg.gov/?pageName=lightLists
Replacement: https://www.navcen.uscg.gov/light-list-annual-publication

Light List - Weekly
Current URLs: https://navcen.uscg.gov/?pageName=lightListWeeklyUpdates
Replacement: https://www.navcen.uscg.gov/weekly-light-lists

Light List - Corrections
Current URLs: https://navcen.uscg.gov/?pageName=lightListCorrections
Replacement: https://www.navcen.uscg.gov/light-list-summary-of-corrections

PACIFIC OCEAN - HAZARD TO NAVIGATION - MARINE DEBRIS (07/12)
With the increase in ocean debris sightings along the coastlines of the Pacific Ocean, mariners are reminded to submit debris sighting reports to the National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program at DisasterDebris@noaa.gov, and the University of Hawaii oceanographic research center at marinedebris@soest.hawaii.edu. For inshore sightings, please use the State of Hawaii https://dlnr.hawaii.gov/dobor/reportmarinedebrishawaii/.
HI ISLANDS - HAWAII - HILO HARBOR - AIS TEMPORARY DEACTIVATION (07/19)
All mariners be advised the Coast Guard has temporarily deactivated AIS broadcasting for the following aids to navigation in the Hilo, HI area:

28035 Hilo Harbor Entrance Lighted Buoy 1 AIS: MMSI 993699986
28040 Hilo Harbor Breakwater Light AIS: MMSI 993699987
28055 Hilo Harbor Lighted Buoy 3 AIS: MMSI 993699985
28070 Hilo Harbor Lighted Buoy 4 AIS: MMSI 993699984

HI ISLANDS - HAWAII - LAHAINA SMALL BOAT HARBOR (12/21)
Healy Tibbitts Builders, Inc. will be conducting in-water operations for construction of the harbor ferry pier.

Steel pipe piles and beams, forming a temporary work platform “trestle” will be installed parallel to the existing Ferry Pier alignment and will
remain in place until further notice. A floating silt curtain will be installed around the work for containing turbidity.

If you have any questions, please contact Project Manager Kenta Okada, keokada@healytibbitts.com, or at (808) 728-4447.

HI ISLANDS - HAWAII - ISAAC HALE PARK (02/19)
The waterway leading to Pohoiki Bay boat ramp at Isaac Hale Park is un-navigable due to shoaling and sand accumulation. The light and day
boards have been temporarily removed from Pohoiki Bay Breakwater Light 2 (LLNR 28135).

HI ISLANDS - MAUI - LAHAINA BOAT BASIN FERRY CONST - 1 (40/21)
Due to ongoing construction project in Lahaina Harbor, the following Aids to Navigation may be partially obscured at various times: Lahaina Light
(LLNR 28460), Lahaina Boat Basin Range Front Light (LLNR 28470) and Lahaina Boat Basin Range Rear Light (LLNR 28475). Mariners are advised
to transit the area with caution.

HI ISLANDS - MAUI - LAHAINA BOAT BASIN FERRY CONST - 2 (04/22)
Due to ongoing construction project in Lahaina Harbor, the following Aids to Navigation will be temporarily discontinued starting January 25, 2022
until further notice: Lahaina Boat Basin Range Front Light (LLNR 28470) and Lahaina Boat Basin Range Rear Light (LLNR 28475). Mariners are
advised to transit the area with caution.

HI ISLANDS - OAHU - HONOLULU HARBOR - AIS ACTIVATION (07/21)
All mariners be advised the Coast Guard has temporarily activated AIS broadcasting for the following aids to navigation in the Honolulu Harbor
area:

29200 Honolulu Harbor Channel Buoy 3: MMSI 993692240
29205 Honolulu Harbor Channel Buoy 4: MMSI 993692241

For any concerns contact Sector Honolulu at (808) 884-2600.

HI ISLANDS - OAHU - MAUNALUA BAY SHOALING (05/22)
There has been a report of increased shoaling in Maunalua Bay, between Maunalua Bay Daybeacon 1A (LLNR 28935) and Maunalua Bay
Daybeacon 2 (LLNR 28940) when transiting to and from Hawaii Kai. At low tide, the Maunalua Bay Boat Ramp also becomes dangerously shallow.

All mariners are requested to use caution while loading and unloading at Maunalua Bay Boat Ramp and when transiting the channel.

HI ISLANDS - OAHU - HONOLULU HARBOR DREDGE (03/21)
Honolulu Harbor Maintenance Dredging Project at Honolulu Harbor will commence on or about February 8th 2021. For the dredging related
operations, the following vessels will either be moored or working within Honolulu Harbor or the entrance channel to Honolulu Harbor:

- Crane Barge WEEKS 544 (160’ x 65”).
- Dumps Scow DUTRA KS10 (246’ x 45’)
- Dump Scow MCamis Sand Island (175’ x 45’)
- Dump Scow WEEKS 260 (197’ x 45’)
- Pacific Tug John Brix (136’ x 35’)
- Tug Carolyn (59’ x 22’)
- Workboat Roberta G (46’ x 16’)
- Miscellaneous picket boats and work skiffs.
Dredging operations will be undertaken seven (7) days per week, the Dump Scow Dutra KS10 will be towed by the tug John Brix (or substitute tug) up to two (2) times per day from Honolulu Harbor to the South O'ahu Offshore Dredge Material Disposal Site (ODMS). The MCamis Scow Sand Island will be round trip towed by the tug John Brix (or substitute tug) one (1) time per day from Honolulu Harbor to Kalaeloa Harbor. The call sign for the Tug John Brix is WY 4853. VHF Channel 16 will be monitored. Mariners are requested to use extreme caution while transiting the work area.

Any questions or need more information, please contact Project Manager Cristian Caicedo at (808) 630–0179.

See enclosure 2.

**HI ISLANDS - OAHU - HONOLULU HARBOR PIER 19-20 REPAIRS (30/21)**

Mariners are advised that the Hawaiian Dredging Construction Company is performing substructure and waterline repairs at piers 19-20 in Honolulu Harbor.

Project duration is from July, 2021 to May, 2022 with work being performed Monday through Friday from 0630 Local Time to 1500 Local Time (Concrete Pour Days may end at 1700 Local Time).

Substructure and Waterline Repairs are to include:

1) Demo Work to Concrete Under and on Face of the Pier.
2) Prepping and Placing Formwork Under and on Face of the Pier.
3) Prepping and Placing Rebar for Repairs (including welding work).
4) Concrete Pours.
5) Installing a new waterline and removing existing waterline.

Mariners are requested to transit the area with caution and keep a sharp lookout for dive operations.

See Enclosure 3

If there are any questions please contact the Project Manager: Toby Inouye at (808) 478-7008.

**HI ISLANDS - OAHU - DIVE OPERATIONS (39/20)**

Par Hawaii, Inc. Will be conducting dive operations for their maintenance project activities at its Single Point Mooring (SPM) subsea 30” crude pipeline extending offshore from Barbers Point near the south-west corner of Oahu. This maintenance project is scheduled to commence, weather permitting, on September 29, 2020 and conclude around April, 2022 as weather permits. Actual work will occur nearshore in approximately 34 ft. of water depth offshore of Barbers Point and at the SPM buoy and entire length of pipelines.

The following vessels will be onsite at various times during the work:

- Dive support/Work boat “Huki Pau” (74’x21’)
- 10-Meter Ambar RHIB (32’x10.3’)
- 8-Meter Ambar RHIB (26’x9.4’)
- Tugboat “Noke” (65’x24’)
- Tugboat “Na’ina” (94’x26’)

Mariners are requested to transit the area with caution, keep a sharp lookout for dive operations, and monitor channel 16.

**HI ISLANDS - MAUI - Haz Ops (16/22)**

Hazardous operations will be conducted on April 21, 2022, 60 NM south of MAUI from 1200W - 2100W in an area bound by the following coordinates:

20-41N / 158-03W
20-41N / 157-46W
18-52N / 157-17W
18-51N / 158-26W

Return to origin

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

LNM: Sec Hono 059-22

**HI ISLANDS - OAHU - HAZ OPS (15/22)**
Military units will be conducting a weapons exercise on April 21, 2022, 40NM S of Oahu from 1200W - 2100W in the area bound by the following coordinates:

20-41'N / 158-03'W
20-41'N / 157-46'W
18-50'N / 158-26'W
18-52'N / 157-17'W

Return to Origin

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

HI ISLANDS - OAHU - HAZ OPS (16/22)

Hazardous operations will be conducted on April 22, 2022, 404NM NW of Oahu from 0700W - 2359W in the area bound by the following coordinates:

24-08'N / 151-18'W
23-56'N / 150-59'W
26-56'N / 144-30'W
26-32'N / 144-09'W

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

HI ISLANDS - OAHU - HAZ OPS (16/22)

Hazardous operations will be conducted on April 24, 2022, 1308NM NW of Oahu from 0700W - 2359W in the area bound by the following coordinates:

29-41'N / 135-34'W
29-16'N / 135-15'W
31-25'N / 128-06'W
30-57'N / 127-57'W

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

HI ISLANDS - KAUAI - HAZ OPS (15/22)

Hazardous operations will be conducted offshore PMRF Barking Sands, Kauai on April 20th and 21st, 2022 from 1130W - 1530W in an area bound by the following coordinates:

22-01N / 159-47W
21-45N / 163-00W
24-30N / 163-00W
24-30N / 158-18W
22-20N / 159-09W

Return to Origin

The Pacific Missile Range Facility will conduct range clearance by aircraft. Request all vessels remain clear of this area during specified times. Vessels may contact the Pacific Missile Range Facility on VHF Marine Band Channel 16 prior to transit.

LNM: SCC Hono 053-22

MARIANA ISLANDS - GUAM - Military Haz Ops (16/22)

Military units will be conducting live weapons training in the following coordinates:

Area 1: 13-26N / 145-08E
Area 2: 13-42N / 144-36E

All mariners are advised to remain 3NM away from the training areas in all direction on the following dates and times:

192300Z to 201355Z Apr 2022 (0900 to 2355 CHST 20 Apr 2022)
202300Z to 211355Z Apr 2022 (0900 to 2355 CHST 21 Apr 2022)

All vessels are advised to remain clear of this area.
MARIANA ISLANDS - GUAM - NAVTEX STATION (41/19)
NAVTEX Station (518KHz) is Inoperable. The 518KHz NAVTEX station is inoperable with no estimated time of repair. NAVTEX broadcasts are available on 4209.5KHz Mariners.

SECTION II - DISCREPNCIES
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.

### DISCREPNCIES (FEDERAL AIDS)

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<th>LLNR</th>
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<td>28520</td>
<td>Pohakuloa Point Light</td>
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<td>19330</td>
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<td>10/20</td>
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<td>077-18</td>
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<td>29315</td>
<td>Keehi Lagoon Barge Turning Channel Range Front</td>
<td>REDUCED INT</td>
<td>19367</td>
<td>312-20</td>
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<td>29325</td>
<td>Keehi Lagoon Barge Turning Basin Buoy 2</td>
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<td>29600</td>
<td>Barbers Point Anchorage Area Bravo Tank Terminal Lighted Buoy A</td>
<td>LT Ext</td>
<td>19362</td>
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<td>29656</td>
<td>West Beach Marina Light 2</td>
<td>LT Ext</td>
<td>19362</td>
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<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
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<td>28009.07</td>
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### PLATFORM DISCREPANCIES

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### 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

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<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
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<tr>
<td>28470</td>
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<td>19348</td>
<td>020-22</td>
<td>04/22</td>
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<td>Lahaina Boat Basin Range Rear Light</td>
<td>DISCONTINUED</td>
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<td>04/22</td>
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<tr>
<td>29180</td>
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<td>RELOCATED FOR DREDGING</td>
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<td>253-20</td>
<td>38/20</td>
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<tr>
<td>29195</td>
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<td>RELOCATED FOR DREDGING</td>
<td>19367</td>
<td>253-20</td>
<td>38/20</td>
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<td>29200</td>
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<td>DISCONTINUED FOR DREDGING</td>
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<td>81048</td>
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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.

<table>
<thead>
<tr>
<th>Chart Number</th>
<th>Chart Edition</th>
<th>Date to Mariners</th>
<th>Horizontal Datum Reference</th>
<th>Source of Correction</th>
<th>Current Local Notice to Mariners</th>
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<tr>
<td>12327</td>
<td>91st Ed.</td>
<td>19-APR-97</td>
<td>Last LNM: 26/97 NAD 83</td>
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<td>27/97</td>
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Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Main Panel 2245 NEW YORK HARBOR

(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W

<table>
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<tr>
<th>Corrective Action</th>
<th>Object of Corrective Position</th>
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<td>Green can</td>
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</table>

(Btemp) 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.

510 2nd Ed. 22-MAR-86 Last LNM: 18/11 UNKNOWN 16/22

Chart Title: EASTERN PORTION OF JAPAN (OMEGA) Page/Side: N/A

Chart Number 19016

Chart Title: Ni‘ihau to French Frigate Shoals; Necker Island; Nihoa

Main Panel 2767 NIIHAU TO FRENCH FRIGATE SHOALS. Page/Side: N/A

(Temp) RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

19019 11th Ed. 01-APR-08 Last LNM: 19/03 ASTRO (Multi) 16/22

Chart Title: French Frigate Shoals to Laysan Island

Main Panel 2770 FRENCH FRIGATE SHOALS TO LAYSAN ISLAND. Page/Side: N/A

19022 12th Ed. 01-APR-08 Last LNM: ASTRO (Multi) 16/22

Chart Title: Laysan Island to Kure Atoll

Main Panel 2771 LAYSAN ISLAND TO KURE ATOLL. Page/Side: N/A

LAST EDITION No new editions of chart 19016 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19016 12th Ed. 01-APR-08 Last LNM: 24/11 ASTRO (Multi) 16/22

Chart Title: Ni‘ihau to French Frigate Shoals; Necker Island; Nihoa

Main Panel 2767 NIIHAU TO FRENCH FRIGATE SHOALS. Page/Side: N/A

LAST EDITION No new editions of chart 19016 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19019 11th Ed. 01-APR-08 Last LNM: 19/03 ASTRO (Multi) 16/22

Chart Title: French Frigate Shoals to Laysan Island

Main Panel 2770 FRENCH FRIGATE SHOALS TO LAYSAN ISLAND. Page/Side: N/A

LAST EDITION No new editions of chart 19019 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19022 12th Ed. 01-APR-08 Last LNM: ASTRO (Multi) 16/22

Chart Title: Laysan Island to Kure Atoll

Main Panel 2771 LAYSAN ISLAND TO KURE ATOLL. Page/Side: N/A

LAST EDITION No new editions of chart 19022 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.
04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19322 8th Ed. 01-DEC-03 Last LNM: 50/03 WGS 84 16/22
ChartTitle: Harbors and Landings on the Northeast and Southeast Coasts of Hawai‘i;Punalu‘u Harbor;Honu‘apo Bay;Honokaa Landing;Kukuihaele Landing
Unrelated 2773 HARBORS AND LANDINGS ON THE NORTHEAST AND SOUTHEAST COASTS OF HAWAII - KUKUIHAELE LANDING. Page/Side: N/A
LAST EDITION No new editions of chart 19322 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19326 7th Ed. 01-JUL-14 Last LNM: WGS 84 16/22
ChartTitle: Pa‘auhau Landing Island Of Hawai‘i
Main Panel 2778 PAAUHAU LANDING ISLAND OF HAWAII. Page/Side: A
LAST EDITION No new editions of chart 19326 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19329 8th Ed. 01-NOV-03 Last LNM: 47/03 WGS 84 16/22
ChartTitle: Māhukona Harbor and approaches Island Of Hawai‘i
Main Panel 2782 MAHUKONA HARBOR AND APPROACHES ISLAND OF HAWAII. Page/Side: N/A
LAST EDITION No new editions of chart 19329 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19331 8th Ed. 01-JUN-14 Last LNM: 26/14 WGS 84 16/22
ChartTitle: Kailua Bay Island Of Hawai‘i
Main Panel 2784 KAILUA BAY ISLAND OF HAWAII. Page/Side: A
LAST EDITION No new editions of chart 19331 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19332 9th Ed. 01-FEB-16 Last LNM: WGS 84 16/22
ChartTitle: Kealakekua Bay to Hōnaunau Bay
Main Panel 2785 KEALAKEKUA BAY TO HONAUNAU BAY. Page/Side: A
LAST EDITION No new editions of chart 19332 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19341 9th Ed. 10-NOV-01 Last LNM: WGS 84 16/22
ChartTitle: Hāna Bay Island of Maui
Main Panel 2787 HANA BAY ISLAND OF MAUI. Page/Side: N/A
LAST EDITION No new editions of chart 19341 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19350 11th Ed. 17-MAR-01 Last LNM: 33/12 WGS 84 16/22
ChartTitle: Island of Maui Ma‘alaea Bay
Main Panel 2793 ISLAND OF MAUI MAALAEA BAY. Page/Side: N/A
LAST EDITION No new editions of chart 19350 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.
LAST EDITION No new editions of chart 19350 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19361 9th Ed. 01-MAR-10 Last LNM: 33/12 WGS 84 16/22
ChartTitle: Port Waianae Island of Oahu
Main Panel 2804 PORT WAIANAE ISLAND OF OAHU. Page/Side: N/A

LAST EDITION No new editions of chart 19361 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19367 41st Ed. 01-MAY-14 Last LNM: 33/21 WGS 84 16/22
ChartTitle: Island of Oahu Honolulu Harbor
CHART HI - OAHU - HONOLULU HARBOR. Page/Side: N/A

(Temp) DELETE Honolulu Harbor Buoy 10
TEMPORARILY DELETED (DISCONTINUED) FOR DREDGING

(Temp) DELETE Honolulu Harbor Channel Buoy 3
TEMPORARILY DELETED (DISCONTINUED) FOR DREDGING

(Temp) DELETE Honolulu Harbor Channel Buoy 4
TEMPORARILY DELETED (DISCONTINUED) FOR DREDGING

19384 9th Ed. 01-JUN-14 Last LNM: WGS 84 16/22
ChartTitle: Hanamaulu Bay Island of Kaua'i
Main Panel 2813 HANAMALU BAY ISLAND OF KAUA'I. Page/Side: A

LAST EDITION No new editions of chart 19384 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19385 8th Ed. 01-OCT-03 Last LNM: 17/12 WGS 84 16/22
ChartTitle: North Coast of Kaua‘i Hā‘ena Point to Kepuhi Point
Main Panel 2814 HAENA POINT TO KEPUHI POINT. Page/Side: N/A

LAST EDITION No new editions of chart 19385 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19401 9th Ed. 01-MAY-07 Last LNM: 05/03 WGS 84 16/22
ChartTitle: French Frigate Shoals
Main Panel 2816 FRENCH FRIGATE SHOALS. Page/Side: N/A

LAST EDITION No new editions of chart 19401 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19402 7th Ed. 01-APR-07 Last LNM: 04/03 WGS 84 16/22
ChartTitle: French Frigate Shoals Anchorage
Main Panel 2817 FRENCH FRIGATE SHOALS ANCHORAGE. Page/Side: N/A

LAST EDITION No new editions of chart 19402 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19421 8th Ed. 01-MAY-07 Last LNM: 03/03 WGS 84 16/22
ChartTitle: Gardner Pinnacles and approaches; Gardner Pinnacles
Main Panel 2818  GARDNER PINNACLES AND APPROACHES.  Page/Side: N/A

LAST EDITION  No new editions of chart 19421 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19441  8th Ed.  01-MAY-07  Last LNM: 19/03  WGS 84  16/22
ChartTitle:  Maro Reef
Main Panel 2820  MARO REEF.  Page/Side: N/A

LAST EDITION  No new editions of chart 19441 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19442  6th Ed.  01-APR-07  Last LNM: 13/03  WGS 84  16/22
ChartTitle:  Lisianski and Laysan Island;West Coast of Laysan Island
Main Panel 2821  LISIANSKI ISLAND.  Page/Side: N/A

LAST EDITION  No new editions of chart 19442 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19461  7th Ed.  01-DEC-02  Last LNM: 08/05  WGS 84  16/22
ChartTitle:  Pearl and Hermes Atoll
Main Panel 2824  PEARL AND HERMES ATOLL.  Page/Side: N/A

LAST EDITION  No new editions of chart 19461 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

19483  6th Ed.  01-JAN-03  Last LNM: 08/05  WGS 84  16/22
ChartTitle:  Hawai`i Kure Atoll
Main Panel 2827  KURE ATOLL.  Page/Side: N/A

LAST EDITION  No new editions of chart 19483 will be published. It will be canceled on 04-May-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

81004  5th Ed.  01-AUG-08  Last LNM: 17/12  WGS 84  16/22
ChartTitle:  Commonwealth of the Northern Mariana Islands
Main Panel 2904  MARIANA ISLANDS.  Page/Side: N/A

(Temp) RELOCATE Ritidian Point Light
TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

81023  4th Ed.  19-JAN-85  Last LNM: 49/89  UNKNOWN  16/22
ChartTitle:  Nomoi Islands to Faraulep Island
CHART  Nomoi Islands to Faraulep Island.  Page/Side: N/A

(Temp) RELOCATE Ritidian Point Light
TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

81025  2nd Ed.  27-JAN-79  Last LNM: 45/88  UNKNOWN  16/22
ChartTitle:  COMNAV MARIANAS - SURFACE/AIR - OPAREA
CHART  COMNAV MARIANAS - SURFACE/AIR - OPAREA.  Page/Side: N/A

(Temp) RELOCATE Ritidian Point Light
TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

81048  10th Ed.  01-FEB-06  Last LNM: 50/13  WGS 84  16/22
ChartTitle:  Marianas Island of Guam Territory of Guam;Cocos Lagoon

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OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

<table>
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<th>Latitude</th>
<th>Longitude</th>
<th>Block</th>
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<td>PALMYRA ATOLL</td>
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</table>
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

<table>
<thead>
<tr>
<th>Approved Project(s)</th>
<th>Project Date</th>
<th>Ref. LNM</th>
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<tbody>
<tr>
<td>HI ISLANDS - OAHU - MAKAPUU POINT LIGHT (45/21)</td>
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<tr>
<td>HI ISLAND - OAHU - MIDWAY CHANNEL ENTRANCE BUOY 2 (43/21)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Advance Notice(s)

HI ISLANDS - OAHU - MAKAPUU POINT LIGHT (45/21)
Due to unreliable commercial power at Makapuu Point Light (LLNR 28925), the Coast Guard will convert the power supply to solar and battery power. Please contact Fourteenth Coast Guard District, at (808) 535-3409, or via email at D14-DG-PJdpw@uscg.mil, for questions or concerns.

HI ISLAND - OAHU - MIDWAY CHANNEL ENTRANCE BUOY 2 (43/21)
Midway Channel Entrance Buoy 2 (LLNR 29960) will be changed from an unlighted 2NFR to a lighted 8x26 LR. When completed, the change will be advertised in a future Local Notice to Mariners. Please contact Fourteenth Coast Guard District, at (808) 535-3409, or via email at D14-DG-PJ-dpw@uscg.mil, for questions or concerns.

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

<table>
<thead>
<tr>
<th>Proposed Project(s)</th>
<th>Closing</th>
<th>Docket No.</th>
<th>Ref. LNM</th>
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<tr>
<td>HI ISLANDS - HAWAII - POHOIKI BAY BREAKWATER LIGHT 2 (43/21)</td>
<td></td>
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</tbody>
</table>

Proposed Change Notice(s)

HI ISLANDS - HAWAII - POHOIKI BAY BREAKWATER LIGHT 2 (43/21)
The Coast Guard is proposing discontinuing Pohoiki Bay Breakwater Light 2 (LLNR 28135) due to shoaling and sand accumulation which has made the waterway leading to Pohoiki Bay boat ramp at Isaac Hale Park un-navigable. The Coast Guard welcomes public comment on the proposal to discontinue. Please contact Fourteenth Coast Guard District, at (808) 535-3409, or via email at D14-DG-PJ-dpw@uscg.mil, to comment.

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

PRIVATE AIDS TO NAVIGATION (01/08)
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 emailing the Private ATON Manager at the email given below.

The Private ATON Manager provides applicants assistance in processing their paperwork. Federal regulations governing aids to navigation, copies
PRIVATE AIDS TO NAVIGATION (01/08)

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, 9-220
Honolulu, HI 96850-4982
Attn: Private ATON Manager
Tel: (808) 535-3408 / 3409
Email: D14-DG-PJ-dpw@uscg.mil

U.S. Army Corps of Engineers
Honolulu District
Building 230
Ft. Shafter, HI 96858-5440
Attn: CEPOH-EC-R
Phone: (808)-835-4004

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 (28/21)
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.himb.hawaii.edu/fads, contact Mr. Warren Cortez at (808) 956-0684, or send written correspondence to:
Mr. Warren Cortez
Fish Aggregating Devices Program
965 N. Nimitz Hwy
Honolulu, HI 96817

Mariners requesting up to date information concerning Guam's FAD Buoys, or reports of discrepancies, may either visit the Guam FAD web site at www.dawr.guam.gov, contact Mr. Brent Tibbatts at Brent.Tibbatts@gmail.com 671.735.3955/56 , or send written correspondence to:
Mr. Brent Tibbatts
Guam Department of Agriculture
Division of Aquatics and Wildlife Resources
163 Dairy Road
Mangilao, Guam 96913

NAVIGATION INTERNET SITES (33/05)
Chart Corrections: http://nauticalcharts.noaa.gov/mcd/updates/index.htm
Coast Pilot Corrections: http://nauticalcharts.noaa.gov/nsd/cpdownload.htm
NOAA Weather Buoy Sites: http://www.ndbc.noaa.gov/Maps/md.shtml
Hawaii Weather: http://www.prh.noaa.gov/pr/hnl/
Online Chart Viewer: http://www.nauticalcharts.noaa.gov/mcd/OnLineViewer

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

NOAA and Coast Survey, in partnership with OceanGrafix, LLC, offer mariners official nautical charts that are continuously updated by NOAA cartographers up to the latest Notice to Mariners and to all Critical Safety Information known to the 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 education and safety information for the recreational boater. They have brighter colors and a higher contrast for better readability in various light conditions. They come either laminated or on water resistant paper.

POD charts are available through a 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.

HI ISLANDS - U.S. DEPARTMENT OF HOMELAND SECURITY - DIVER SAFETY ADVISORY (25/09)
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.

The 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.
- 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 at (808) 842-2600.

**PACIFIC OCEAN - NATIONAL WILDLIFE REFUGE - RESTRICTED FOR ENTRY (22/11)**

The U.S. Department of the Interior, Fish and Wildlife Service, National Wildlife Refuge System, Pacific Reefs National Wildlife Refuge Complex manages ten National Wildlife Refuges within the Fourteenth Coast Guard District. Eight of these Refuges, described below, consist of waters and submerged and emergent lands. The remaining two Refuges, the Marianas Arc of Fire and the Mariana Trench National Wildlife Refuges, consist only of submerged lands.

The waters and submerged and emergent lands of National Wildlife Refuges are subject to the regulations governing the National Wildlife Refuge System found in Parts 25-32 of Title 50, Code of Federal Regulations. Therefore, except as provided by international law, these areas are closed to all forms of entry, other than innocent passage, unless specifically authorized by a Special Use Permit issued by the U.S. Fish and Wildlife Service. Should you have any questions, please contact the Pacific Reefs National Wildlife Refuge Complex by emailing the Project Leader at Pacific_Reefs@fws.gov or by calling 808-792-9560.

**Baker Island National Wildlife Refuge.** This Refuge includes all of Baker Island approximately at Latitude 0-11-45 North and Longitude 176-28-45 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the island.

**Howland Island National Wildlife Refuge.** This Refuge includes all of Howland Island approximately at Latitude 0-48-30 North and Longitude 176-37 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the island.

**Jarvis Island National Wildlife Refuge.** This Refuge includes all of Jarvis Island approximately at Latitude 0-22-20 South and Longitude 160-00 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the island.

**Johnston Atoll National Wildlife Refuge.** This Refuge includes all of Johnston Atoll approximately at Latitude 16-44 North and Longitude 169-31 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the atoll. However, portions of the emergent land at Johnston Atoll are currently under the administrative jurisdiction of the Department of the Air Force, which controls all access to areas under its administrative jurisdiction.

**Kingman Reef National Wildlife Refuge.** This Refuge includes all of Kingman Reef approximately at Latitude 6-24-30 North and Longitude 162-23-30 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the reef.

**Palmyra Atoll National Wildlife Refuge.** This Refuge includes all of Palmyra Atoll approximately at Latitude 05-53 North and Longitude 162-05 West, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the atoll. However, portions of the emergent land at Palmyra Atoll are currently owned and managed as a nature preserve by The Nature Conservancy, which controls all access to areas under its ownership.

**PACIFIC OCEAN - NATIONAL WILDLIFE REFUGE - RESTRICTED FOR ENTRY CONTINUED (22/11)**

**Rose Atoll National Wildlife Refuge.** This Refuge includes all of Rose Atoll approximately at Latitude 14-32-45 South and Longitude 168-9-24 West, the seaward extent being the extreme low water line outside the perimeter reef except at the entrance channel where the boundary is a line extended between the extreme low water lines on each side of the entrance channel.

**Wake Atoll National Wildlife Refuge.** This Refuge includes all of Wake Atoll approximately at Latitude 19-18 North and Longitude 166-38 East, together with its territorial waters extending outward 12 nautical miles (13.8 mi; 22.2 km) from the mean low water line of the atoll. However, in accordance with Presidential Proclamation No. 8336, the emergent land at Wake Atoll is currently under the management of the Department of the Air Force, which controls all access to areas under its management.

**HI ISLANDS - KAHO`OLAWE ISLAND RESERVE COMMISSION - NOTICE OF OPEN WATERS SCHEDULE (14/22)**

Notice to Trollers: The dates below mark the Permitted Trolling Schedule in Zone B for January -- December 2022. Hawaii Administrative Rules (H.A.R) 13-261 requires that all vessels must register with the Kaho`olawe Island Reserve Commission (KIRC) before entering the Reserve to troll during designated Permitted Trolling dates. To register please contact Dean Tokishi at dean.tokishi@hawaii.gov 808-243-5022, visit Kahooolawe.hawaii.gov or pick up registration packet at the Division of Boating and Recreation.
HI ISLANDS - KAHO'OLAWE ISLAND RESERVE COMMISSION - NOTICE OF OPEN WATERS SCHEDULE (14/22)

12:01 a.m Saturdays to 11:59 p.m. Sundays as follows:

January 22 – 23; 29 – 30
February 05 – 06; 26 – 27
March 12 – 13; 19 – 20
April 02 – 03; 23 – 24
May 07 – 08; 21 – 22
June 04 – 05; 25 – 26
July 16 – 17; 30 – 31
August 13 – 14; 27 – 28
September 10 – 11; 24 – 25
October 08 – 09; 22 – 23
November 12 – 13; 19 – 20
December 03 – 04; 17 – 18

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 (180 ft.) depth which surrounds 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 (180 ft.) depth 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 Permitted Trolling Schedule as listed above or in case of emergency. Trollers must remain underway, making way at all times while in Zone B. ALL OTHER FISHING, OCEAN RECREATION, AND ANY OTHER ACTIVITIES ARE STRICTLY PROHIBITED.

WARNING! Kaho'olawe and its surrounding submerged lands and waters contain unknown quantities of unexploded ordnance which are hazardous to public health and safety.

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

HI ISLANDS - OAHU - KANEHOE BAY - MILITARY OPERATIONS (09/09)

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 (50/07)

FACSFAC Pearl Harbor established Special Operating Areas Four (SOA-4) as a permanent "HOT AREA" named "KAPU" on April 15, 1995. FACSFAC effective hours are 0700W to 2300W (Monday - Saturday from 1700Z - 0900Z) Monday - Friday, and on weekend's 0800W - 1600W (Weekends from 1800Z - 0200Z) or by request. 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 bounded by the following coordinates 20-46N/158-16W, 20-42N/158-04W, 20-13N/158-36W and 20-04N/158-11W. 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.

HI ISLANDS - OAHU - KANEHOE BAY - ULUPAU CRATER WEAPONS DANGER ZONE - HAZARDOUS OPERATIONS (16/22)

Hazardous operations will be conducted from April 20th - 26th listed times below per Zone. All vessels/watercraft operating within the Mokapu Peninsula near the Ulupau Crater located on Marine Corps Base Hawaii shall vacate the danger zone at the best speed and by the most direct route.

Danger zone will include areas from 21°30'59.66"N /157°44'05.97"W to 21°29'16.58"N /157°40'30.19"W to 21°25'01.79"N/157°40'339.70"W to 21°27'11.84"N/157°43'53.83"W, forming a triangular figure.

The following are hazardous operations to mariners for April 20, 2022 through April 26, 2022:

**Zone 1 (NE Range)**
- Apr 20 0700 - 2300
- Apr 21 0700 - 2200
- Apr 22 0600 - 1700
- Apr 23 N/A
- Apr 24 N/A
- Apr 25 1600 - 2200
- Apr 26 0600 - 1800

**Zone 2 (E Range)**
- Apr 20 0700 - 2300
- Apr 21 0700 - 2300
- Apr 22 0600 - 1700
- Apr 23 N/A
- Apr 24 N/A
- Apr 25 N/A
- Apr 26 N/A
The Puuloa 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.

The Danger Zone is bounded by the following coordinates:

- 21-18-21N / 157-59-14W
- 21-18-11N / 158-00-06W
- 21-17-11N / 158-00-17W
- 21-17-22N / 157-59-03W

The following are hazardous operations to mariners for April 20, 2022 through April 26, 2022:

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<thead>
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<th>Date</th>
<th>Time</th>
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<tr>
<td>Apr 21</td>
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<tr>
<td>Apr 22</td>
<td>N/A</td>
</tr>
<tr>
<td>Apr 23</td>
<td>0800 - 1400</td>
</tr>
<tr>
<td>Apr 25</td>
<td>0700 - 1700</td>
</tr>
<tr>
<td>Apr 26</td>
<td>0700 - 1700</td>
</tr>
</tbody>
</table>

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:


Intermittent high power radar operations are conducted by PMRF at the following position: 22:03N/159:47W

Request all mariners remain at least one mile off the coastline between Kokole Point and Nohili Point. Vessels may be requested to alter course due to firing operations and are requested to contact "Pacific Missile Range Facility" on HF 2182 KHz 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 Ni‘ihau during the specified times. Federal law provides for civil penalties of $40,000 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 April 20, 2022 through April 27, 2022:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 APR</td>
<td>1130 -1600</td>
<td>KAULAKAHI CHANNEL AND NOHILI POINT TO 175 NM WEST THROUGH NORTHEAST.</td>
</tr>
<tr>
<td>21 APR</td>
<td>1130 -1600</td>
<td>KAULAKAHI CHANNEL AND NOHILI POINT TO 175 NM WEST THROUGH NORTHEAST.</td>
</tr>
<tr>
<td>22 APR</td>
<td>NO HAZARDOUS OPERATIONS SCHEDULED.</td>
<td></td>
</tr>
<tr>
<td>23 APR</td>
<td>NO HAZARDOUS OPERATIONS SCHEDULED.</td>
<td></td>
</tr>
<tr>
<td>24 APR</td>
<td>NO HAZARDOUS OPERATIONS SCHEDULED.</td>
<td></td>
</tr>
<tr>
<td>25 APR</td>
<td>NO HAZARDOUS OPERATIONS SCHEDULED.</td>
<td></td>
</tr>
<tr>
<td>26 APR</td>
<td>0630 -1700 KAULAKAHI CHANNEL AND NOHILI POINT TO 60 NM WEST THROUGH NORTH.</td>
<td></td>
</tr>
<tr>
<td>27 APR</td>
<td>NO HAZARDOUS OPERATIONS SCHEDULED.</td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Section VIII - LIGHT LIST CORRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Asterisk *, indicates the column in which a correction has been made to new information</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
ENCLOSURES

HI ISLANDS - OAHU - KANEHOE BAY HAZARDOUS OPERATIONS (18/07)
ULUPAU CRATER WEAPONS DANGER ZONE

HI ISLANDS - OAHU - HONOLULU HARBOR DREDGE (03/21)
Honolulu Harbor Maintenance Dredging Project at Honolulu Harbor.

HI ISLANDS - OAHU - HONOLULU HARBOR PIER 19-20 REPAIRS (30/21)
Substructure and waterline repairs at piers 19-20 in Honolulu Harbor.

M. Sibley
Rear Admiral, U.S. Coast Guard
Commander, Fourteenth Coast Guard District
Danger Zone - Hawaii-Ulupau Crater Weapons Training (Kaneohe Bay)

Mariners are reminded that the Marine Corps Base Hawaii (MCBH) conducts intermittent weapons firing at the Ulupau Crater Weapons Training Range between 6 a.m. and 11 p.m. throughout the week & weekends. Caution transiting the waters off of Mokapu Peninsula is imperative at all times, including the 500 yard prohibited area surrounding MCBH. Periods of live firing will be indicated on shore at Ulapau crater either by two large red triangular warning pennants during the day or flashing red warning beacons at night. When these signals are present, the danger zone is not considered safe for boaters. Information on weapons firing schedules may be obtained by calling the MCBH Range Manager at 808-257-8816/17.

The 33 CFR 334.1380 Army Corp of Engineers established Danger Zone includes the area within a pie-shaped sector extending seaward a distance of 3.8 nautical miles between radial lines bearing 357.1° true and 124.9° true, respectively, from a starting point on Mokapu Peninsula at 21°27′11.84″ N, 157°43′53.83″ W. The danger zone is bounded by a landward starting point and three seaward points forming an arc with a 3.8 nautical-mile radius at its center (Point B) with a radial line bearing 56.9° true. The three seaward points have the following coordinates:

Point A: Latitude 21°30′59.66″ N, Longitude 157°44′05.97″ W
Point B: Latitude 21°29′16.58″ N, Longitude 157°40′30.19″ W
Point C: Latitude 21°25′01.79″ N, Longitude 157°40′33.70″ W