LOCAL NOTICE TO MARINERS

District: 14  Week: 19/22

May 11, 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 Forces Micronesia/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: 061-22
COMCOGARD SECTOR FORCES MICRONESIA/SECTOR GUAM BNMs: 183-22 to 190-22

ABBREVIATIONS

<table>
<thead>
<tr>
<th>A through H</th>
<th>I through O</th>
<th>P through Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADRIFT - Buoy Adrift</td>
<td>I - Interrupted</td>
<td>PRIV - Private Aid</td>
</tr>
<tr>
<td>AICW - Atlantic Intracoastal Waterway</td>
<td>ICW - Intracoastal Waterway</td>
<td>Q - Quick</td>
</tr>
<tr>
<td>Al - Alternating</td>
<td>IMCH - Improper Characteristic</td>
<td>R - Red</td>
</tr>
<tr>
<td>B - Buoy</td>
<td>INL - Inlet</td>
<td>RACON - Radar Transponder Beacon</td>
</tr>
<tr>
<td>BKW - Breakwater</td>
<td>INOP - Not Operating</td>
<td>Ra ref - Radar reflector</td>
</tr>
<tr>
<td>bl - Blast</td>
<td>INT - Intensity</td>
<td>RBN - Radio Beacon</td>
</tr>
<tr>
<td>BNM - Broadcast Notice to Mariner</td>
<td>ISL - Islet</td>
<td>REBUILT - Aid Rebuilt</td>
</tr>
<tr>
<td>bu - Blue</td>
<td>ISO - Isophase</td>
<td>RECOVERED - Aid Recovered</td>
</tr>
<tr>
<td>C - Canadian</td>
<td>kHz - Kilohertz</td>
<td>RED - Red Buoy</td>
</tr>
<tr>
<td>CHAN - Channel</td>
<td>LAT - Latitude</td>
<td>REF - Reflective</td>
</tr>
<tr>
<td>CGD - Coast Guard District</td>
<td>LBB - Lighted Buoy</td>
<td>RFL - Range Rear Light</td>
</tr>
<tr>
<td>C/O - Cut Off</td>
<td>LBB - Lighted Bell Buoy</td>
<td>RELIGHTED - Aid Relit</td>
</tr>
<tr>
<td>CONT - Contour</td>
<td>LHB - Lighted Horn Buoy</td>
<td>RELOC - Relocated</td>
</tr>
<tr>
<td>CRK - Creek</td>
<td>LTR - Letter</td>
<td>RESET ON STATION - Aid Reset on Station</td>
</tr>
<tr>
<td>CONST - Construction</td>
<td>LWR - Lighted Whistle Buoy</td>
<td>RFL - Range Front Light</td>
</tr>
<tr>
<td>DAYMk/Daymk - Daymark</td>
<td>LWP - Left Watching Properly</td>
<td>RIV - River</td>
</tr>
<tr>
<td>DBN/Dbn - Daybeacon</td>
<td>LT - Light</td>
<td>RRASS - Remote Radio Activated Sound Signal</td>
</tr>
<tr>
<td>DBD/DAYBD - Dayboard</td>
<td>LT CONT - Light Continuous</td>
<td>s - seconds</td>
</tr>
<tr>
<td>DEFAC - Defaced</td>
<td>LTR - Letter</td>
<td>SEC - Section</td>
</tr>
<tr>
<td>DEST - Destroyed</td>
<td>LWB - Lighted Whistle Buoy</td>
<td>SHE - Shoaling</td>
</tr>
<tr>
<td>DISCON - Discontinued</td>
<td>LWP - Left Watching Properly</td>
<td>si - silent</td>
</tr>
<tr>
<td>DNGD/DAMGD - Damaged</td>
<td>MHz - Megahertz</td>
<td>SIG - Signal</td>
</tr>
<tr>
<td>ec - eclipse</td>
<td>MISS/MSNG - Missing</td>
<td>SND - Sound</td>
</tr>
<tr>
<td>EST - Established Aid</td>
<td>Mo - Morse Code</td>
<td>SPM - Single Point Mooring Buoy</td>
</tr>
<tr>
<td>ev - every</td>
<td>MRASS - Marine Radio Activated Sound Signal</td>
<td>SS - Sound Signal</td>
</tr>
<tr>
<td>EVAL - Evaluation</td>
<td>MSLD - Misleading</td>
<td>STA - Station</td>
</tr>
<tr>
<td>EXT - Extinguished</td>
<td>N/C - Not Charted</td>
<td>STRUCT - Structure</td>
</tr>
<tr>
<td>F - Fixed</td>
<td>NGA - National Geospatial-Intelligence Agency</td>
<td>ST M - Statute Mile</td>
</tr>
<tr>
<td>fl - Flash</td>
<td>NO/NUM - Number</td>
<td>TEM - Temporary Aid Change</td>
</tr>
<tr>
<td>Fl - Flashlight</td>
<td>NOS - National Ocean Service</td>
<td>TMK - Topmark</td>
</tr>
<tr>
<td>G - Green</td>
<td>NW - Notice Writer</td>
<td>TRLB - Temporarily Replaced by Lighted Buoy</td>
</tr>
<tr>
<td>GIWW - Gulf Intracoastal Waterway</td>
<td>OBSCU - Obscured</td>
<td>TRLT - Temporarily Replaced by Light</td>
</tr>
</tbody>
</table>
**** 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/добор/reportmarinedebrishawaii/.
PACIFIC OCEAN – HAZARD TO NAVIGATION - SPACECRAFT REENTRY DEBRIS (19/22)

Spacecraft reentry operations with the potential for hazardous debris splashdown will occur starting at 22:06 GMT until 23:07 GMT on 25 May, 2022, and if needed from 22:54 GMT until 23:54 GMT on 26 May, 2022.

Hazardous debris splashdown areas are bounded by the following coordinates:

Primary reentry trajectory coordinates:
POINT 1: 13° 42’ N / 127° 5’ W
POINT 2: 11° 24’ N / 123° 56’ W
POINT 3: 5° 38’ S / 136° 30’ W
POINT 4: 3° 22’ S / 139° 37’ W

Alternate reentry trajectory coordinates:
POINT 1: 22° 43’ N / 137° 47’ W
POINT 2: 19° 54’ N / 134° 4’ W
POINT 3: 3° 6’ N / 147° 23’ W
POINT 4: 5° 44’ N / 151° 0’ W

Mariners are advised to remain clear of these areas for the duration of operations. For more details or questions contact the District 14 Command Center at (808) 535-3333 or JRCHonolulu@uscg.mil.

If you have any questions, please contact Mr. Matt Dulski at (310) 413-6501, Matthew.B.Dulski@nasa.gov, Mr. José Kalil at (281) 989-8972, Jose.G.Kalil@nasa.gov, or the Boeing Mission Operations Recovery Team at jsc-dl-mo-recovery-officer@mail.nasa.gov.

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. 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 ISALNDS - OAHU - Pearl Harbor Sediment Redediation Project (18/22)**

Pearl Harbor Sediment Remediation Project will commence on or about May 16, 2022 and will continue until on or about July 15, 2022. For the offshore disposal operations, the following vessels will be moored or working within Pearl Harbor near the Whiskey 22/23 notch.

- Crane Barge HT544 (160’ x 65’) – Will be moored on anchors adjacent to Whiskey 22/23 notch
- Dump Scow SAND ISLAND (182’ x 44’)
- Deck Barge W161
- Tug OCEAN EAGLE (101’ x 31’)
- Workboat Roberta G (46’ x 16’)
- Misc work skiffs

Offshore disposal operations will be undertaken six (6) days per week and the Tug Ocean Eagle will transport the SAND ISLAND dump scow to and from the South Oahu Ocean Dredged Material Disposal Site (SOODMDS) between 2 to 3 times per day.

The call sign for the Ocean Eagle is WDG 8082 and they will be monitoring VHR Channel 16. Mariners are requested to use extreme caution while transiting the work area. If you have any questions or concerns, please contact me at the number below.

Any questions or need more information, please contact Project Manager Dane Korte at (908) 463–9307

See Enclosure 4

**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.

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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.

**DISCREPANCIES (FEDERAL AIDS)**

<table>
<thead>
<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
</tr>
</thead>
<tbody>
<tr>
<td>28065</td>
<td>Hilo Harbor Range Rear Light</td>
<td>DAYMK MISSING</td>
<td>19324</td>
<td></td>
<td>12/22</td>
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<tr>
<td>28110</td>
<td>Hilo Harbor Buoy 10</td>
<td>OFF STA</td>
<td>19324</td>
<td></td>
<td>17/22</td>
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<tr>
<td>28180</td>
<td>Kailua Bay Entrance Directional Light</td>
<td>STRUCT DEST/HAZ NAV</td>
<td>19327</td>
<td>239-21</td>
<td>49/21</td>
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<tr>
<td>28520</td>
<td>Pohakuloa Point Light</td>
<td>LT EXT</td>
<td>19347</td>
<td>SCC Hono 213-2: 45/21</td>
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<tr>
<td>29960</td>
<td>Midway Channel Entrance Buoy 2</td>
<td>MISSING</td>
<td>19482</td>
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<td>04/21</td>
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<tr>
<td>30485</td>
<td>Kwajalein Harbor Channel Buoy 7</td>
<td>MISSING</td>
<td>81715</td>
<td></td>
<td>20/20</td>
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<tr>
<td>30490</td>
<td>Kwajalein Harbor Channel Buoy 9</td>
<td>SINKING</td>
<td>81715</td>
<td>hydropac 007-21</td>
<td>36/21</td>
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</table>

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

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<tr>
<th>LLNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
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### DISCREPANCIES (PRIVATE AIDS)

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<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
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<th>LNM End</th>
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<tbody>
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<td>28007</td>
<td>FAD Site HK - Hakalau, Hawaii</td>
<td>MISSING</td>
<td>19320</td>
<td>109-21</td>
<td>27/21</td>
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<tr>
<td>28007.03</td>
<td>FAD Site E - Leleiwai, Hawaii</td>
<td>MISSING</td>
<td>19320</td>
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<td>49/21</td>
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<td>28007.05</td>
<td>FAD Site D - Kumakahi, Hawaii</td>
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<td>070-21</td>
<td>17/21</td>
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<tr>
<td>28007.07</td>
<td>FAD Site KH - Kehena, Hawaii</td>
<td>MISSING</td>
<td>19320</td>
<td>110-21</td>
<td>27/21</td>
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<tr>
<td>28007.19</td>
<td>FAD Site UU - Auau Point, Hawaii</td>
<td>LT EXT</td>
<td>19320</td>
<td>093-21</td>
<td>23/21</td>
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<td>FAD Site WH1</td>
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<td>19320</td>
<td>021-18</td>
<td>18/15</td>
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<tr>
<td>28007.23</td>
<td>FAD Site V V - Kahalu, Hawaii</td>
<td>LT EXT</td>
<td>19004</td>
<td>036-22</td>
<td>08/22</td>
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<td>28007.25</td>
<td>FAD Site F - Kailua Kona, Hawaii</td>
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<td>19327</td>
<td>111-21</td>
<td>27/21</td>
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<tr>
<td>28007.29</td>
<td>FAD Site XX - Puako, Hawaii</td>
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<td>143-21</td>
<td>32/21</td>
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<td>28007.35</td>
<td>FAD Site Q - Pauwela Point, Maui</td>
<td>MISSING</td>
<td>19340</td>
<td>112-21</td>
<td>27/21</td>
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<td>28007.4</td>
<td>FAD SITE MTBC 1</td>
<td>MISSING</td>
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<td>44/19</td>
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<td>28007.42</td>
<td>FAD SITE MTBC 2</td>
<td>MISSING</td>
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<td>SCC Hono 06/22</td>
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<tr>
<td>28007.43</td>
<td>PacIOOS Wave Lighted Buoy Pauwela</td>
<td>MISSING</td>
<td>19342</td>
<td>058-22</td>
<td>15/22</td>
<td></td>
</tr>
<tr>
<td>28008</td>
<td>FAD Site FF - Pukaulua Point, Maui</td>
<td>MISSING</td>
<td>19004</td>
<td>037-22</td>
<td>08/22</td>
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<tr>
<td>28008.09</td>
<td>FAD Site JJ - Kamohio, Kahoolawe</td>
<td>MISSING</td>
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<td>031-21</td>
<td>46/21</td>
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<td>28008.11</td>
<td>FAD Site SO - Kahoolawe</td>
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<td>SCC Hono 041-2; 10/22</td>
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<td>28008.23</td>
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<td>28009.25</td>
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<td>30/20</td>
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<td>28427</td>
<td>Maalaea Basin Channel Lighted Buoy 1</td>
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<td>22/18</td>
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<td>19320</td>
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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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<td>28470</td>
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<td>19348</td>
<td>020-22</td>
<td>04/22</td>
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<td>28475</td>
<td>Lahaina Boat Basin Range Rear Light</td>
<td>DISCONTINUED</td>
<td>19348</td>
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<td>04/22</td>
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<td>29180</td>
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<td>RELOCATED FOR DREDGING</td>
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<td>253-20</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>
<td>Honolulu Harbor Channel Buoy 3</td>
<td>DISCONTINUED FOR DREDGING</td>
<td>19367</td>
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<td>30660</td>
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TEMPORARY CHANGES CORRECTED

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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 | Last Local Notice to Mariners | Horizontal Datum Reference | Source of Correction | Current Local Notice to Mariners |
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<td>1st Ed.</td>
<td>91st Ed.</td>
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<td>19-APR-97</td>
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<td>26/97</td>
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<td>Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER</td>
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<td>NAD 83</td>
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<td>Main Panel 2245 NEW YORK HARBOR</td>
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<tr>
<td>(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3</td>
<td></td>
<td>at 40-41-09.001N</td>
<td>074-02-48.001W</td>
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<td></td>
</tr>
<tr>
<td>Corrective Action</td>
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<td>Green can</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Object of Corrective Action</td>
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<td>Position</td>
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</tbody>
</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. 19/22
ChartTitle: EASTERN PORTION OF JAPAN (OMEGA)  Page/Side: N/A

ChartTitle: EASTERN PORTION OF JAPAN (OMEGA). Page/Side: N/A

ChartTitle: NI‘IHUA TO FRENCH FRIGATE SHOALS. Page/Side: N/A

ChartTitle: FRENCH FRIGATE SHOALS TO LAYSAN ISLAND. Page/Side: N/A

ChartTitle: LAYSAN ISLAND TO KURE ATOLL. Page/Side: N/A

ChartTitle: HARBOURS AND LANDINGS ON THE NORTHEAST AND SOUTHEAST COASTS OF HAWAI‘I; PUNALU‘U HARBOR; HONU‘APO BAY; HONOKAA LANDING; KUKUIHAELA LANDING. Page/Side: N/A

ChartTitle: PA‘A’UHAU LANDING ISLAND OF HAWAI‘I. Page/Side: A

ChartTitle: MAHUOKA HARBOR AND APPROACHES ISLAND OF HAWAI‘I. Page/Side: N/A

Ritidian Point Light

Chart 19016 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19019 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19022 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19322 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19326 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19329 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Ritidian Point Light

TEMPORARY RELOCATED FOR CONSTRUCTION OF NEW AID.

Ritidian Point Light

TEMPORARY RELOCATED FOR CONSTRUCTION OF NEW AID.

Ritidian Point Light

TEMPORARY RELOCATED FOR CONSTRUCTION OF NEW AID.
Chart 19331 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19332 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19341 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19350 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

Chart 19361 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

TEMPORARILY DELETED (DISCONTINUED) FOR DREDGING
ChartTitle: Hanamaulu Bay Island of Kaua‘i
Main Panel 2813 HANAMAULU BAY ISLAND OF KAUA‘I. Page/Side: A

ChartTitle: North Coast of Kaua‘i Há‘ena Point to Kepuhi Point
Main Panel 2814 HAENA POINT TO KEPUHI POINT. Page/Side: N/A

ChartTitle: French Frigate Shoals
Main Panel 2816 FRENCH FRIGATE SHOALS. Page/Side: N/A

ChartTitle: French Frigate Shoals Anchorage
Main Panel 2817 FRENCH FRIGATE SHOALS ANCHORAGE. Page/Side: N/A

ChartTitle: Gardner Pinnacles and approaches;Gardner Pinnacles
Main Panel 2818 GARDNER PINNACLES AND APPROACHES. Page/Side: N/A

ChartTitle: Maro Reef
Main Panel 2820 MARO REEF. Page/Side: N/A

CANCELED Chart 19384 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

CANCELED Chart 19385 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

CANCELED Chart 19401 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

CANCELED Chart 19402 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

CANCELED Chart 19421 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.

CANCELED Chart 19441 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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.
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<th>Date</th>
<th>Last LNM</th>
<th>Scale</th>
<th>Pages/Side</th>
<th>Notes</th>
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<td>Lisianski and Laysan Island; West Coast of Laysan Island</td>
<td>6th Ed.</td>
<td>01-APR-07</td>
<td>13/03</td>
<td>WGS 84</td>
<td>N/A</td>
<td>CANCELED Chart 19442 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a>.</td>
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<td>PEARL AND HERMES ATOLL</td>
<td>7th Ed.</td>
<td>01-DEC-02</td>
<td>08/05</td>
<td>WGS 84</td>
<td>N/A</td>
<td>CANCELED Chart 19461 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a>.</td>
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<td>6th Ed.</td>
<td>01-JAN-03</td>
<td>08/05</td>
<td>WGS 84</td>
<td>N/A</td>
<td>CANCELED Chart 19483 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a>.</td>
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<td>5th Ed.</td>
<td>01-AUG-08</td>
<td>17/12</td>
<td>WGS 84</td>
<td>N/A</td>
<td>TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID. Ritidian Point Light from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E</td>
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<td>Nomoi Islands to Faraulep Island</td>
<td>4th Ed.</td>
<td>19-JAN-85</td>
<td>49/89</td>
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<td>COMNAV MARIANAS - SURFACE/AIR - OPAREA</td>
<td>2nd Ed.</td>
<td>27-JAN-79</td>
<td>45/88</td>
<td>UNKNOWN</td>
<td>N/A</td>
<td>TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID. Ritidian Point Light from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E</td>
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<tr>
<td>MARIANA ISLANDS - ISLAND OF GUAM - TERRITORY OF GUAM</td>
<td>10th Ed.</td>
<td>01-FEB-06</td>
<td>50/13</td>
<td>WGS 84</td>
<td>N/A</td>
<td>TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID. Ritidian Point Light from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E</td>
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<tr>
<td>COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS ROTA</td>
<td>6th Ed.</td>
<td>01-MAR-06</td>
<td>33/12</td>
<td>WGS 84</td>
<td>N/A</td>
<td>CANCELED Chart 81063 is canceled. No Print-on Demand or digital raster formats of this chart are available. 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a>.</td>
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OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

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Drill Rigs/Vessels Established

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</tbody>
</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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>None</strong></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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</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 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
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. 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/cpodownload.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

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

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 Marinas 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.

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
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.

(H.R.S. §6K, H.A.R. §13-261)

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.

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.

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 18002 - 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.

Hazardous operations will be conducted on May 12th, from 1200-2300W, the 13th, from 0800-1700W, and the 16th from 0900-1200W. 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°40'33.70"W to 21°27'11.84"N/157°43'53.83"W, forming a triangular figure.

The following are hazardous operations to mariners for May 11, 2022 through May 17, 2022:

Zone 1 (NE Range)
May 11 N/A
May 12 1600 - 2300
May 13 0900 - 1300
May 14 N/A
May 15 N/A
May 16 0900 - 1200
May 17 N/A

Zone 2 (E Range)
May 11 N/A
May 12 1200 - 2300
May 13 0800 - 1700
May 14 N/A
May 15 N/A
May 16 0900 - 1200
May 17 N/A

See enclosure 1

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

The following are hazardous operations to mariners for May 11, 2022 through May 17, 2022:

- May 11 0700 - 1700
- May 12 0700 - 1700
- May 13 N/A
- May 14 N/A
- May 15 N/A
- May 16 N/A
- May 17 0930 - 1700

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:

22:00N/159:51W, 22:00N/160:00W, 21:59.5N/160:21W, 22:05N/161:35W, 22:45N/161:25W, 22:56N/161:49W,
22:21N/159:30W, 22:13N/159:42W, 22:00N/159:51W

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 Niihau 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 May 11, 2022 through May 18, 2022:

- 11 MAY 0830-1600 KAULAKAHI CHANNEL AND NOHILI POINT TO 25 NM WEST THROUGH NORTH.
- 12 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 13 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 14 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 15 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 16 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 17 MAY NO HAZARDOUS OPERATIONS SCHEDULED.
- 18 MAY NO HAZARDOUS OPERATIONS SCHEDULED.

MARINE EVENTS

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

HI ISLANDS - OAHU - FIREWORKS (19/22)

There will be a fireworks display 2000 feet offshore the Royal Hawaiian Hotel on May 13th, 15th, and 19th, 2022 from 2000 -2100. The barge will be located at position: 20.271037N / 157.829423W.

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

SECTION VIII - LIGHT LIST CORRECTIONS

<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>
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</thead>
<tbody>
<tr>
<td>28885</td>
<td>Mokapu Point Research Lighted Buoy North</td>
<td>21-18-21N / 157-59-14W</td>
<td>Remove from list.</td>
<td>19/22</td>
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*
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.

HI ISLANDS - OAHU - Pearl Harbor Sediment Redediation Project (18/22)
Offshore disposal operations

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 (MCHB) 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 MCHB. Periods of live firing will be indicated on shore at Ulupau 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 MCHB 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
cc: E. Kinney (ejkinney@healytibbitts.com)
    R. Heltzel (raheltzel@healytibbitts.com)
    J. Juettner (jarcher@tritonmarine.us)
    N. Scardilli (nscardilli@healytibbitts.com)
    D. Bargielski (dbargielski@weeksmarine.com)
    J. Anderson (janderson@cape-inc.com)
    J. White (jwhite@cape-inc.com)
    L. Mignogna (lmignogna@cape-inc.com)
    T. Strader (tstrader@cape-inc.com)