LOCAL NOTICE TO MARINERS

District: 14  Week: 28/22

July 13, 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: 076-22
COMCOGARD SECTOR FORCES MICRONESIA/SECTOR GUAM BNMs: 273-22 to 283-22

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - 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
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DEB/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - Flash
FI - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway

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
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured

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
RFL - 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
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
ST - Structure
ST M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light

Note:
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**** 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/doi/reportmarinedebris/.
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 - 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 - HAWAII - UNMANNED OPERATIONS (27/22)
Liquid Robotics (www.liquid-robotics.com) will conduct continuous autonomous, unmanned maritime vehicle operations for several weeks at a time throughout 2022 in vicinity of Kawaihae Bay, Hawaii within the following coordinates:

19-55-50N/ 155-54-12W
19-58-10N/ 155-51-08W
20-00-10N/ 155-50-29W
20-07-19N/ 156-09-32W
20-27-34N/ 155-52-30W
20-10-02N/ 156-43-04W

Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. It is surfboard size, copper in color, with a contact plaque and mast extending 1 meter above the surface supporting a flag, topped with a solid white light. Mariners are urged to transit the area with caution. For up-to-date information, mariners can contact Liquid Robotics Operations Center at +1 408 636 4205, or by email at support@liquid-robotics.com.

HI ISLANDS - OAHU - PACIFIC CUP YACHT RACE (26/22)
There will be a temporary finish line, consisting of a buoy system, deployed from July 9, 2022 – July 22, 2022 for the Pacific Cup Yacht Race. The temporary finish line will be located at 21.480556 (21°28'517"N) , -157.772222 (-157°46'349"W) about 2NM North of Kaneohe Bay, Oahu.

The temporary buoy system consists of an 8-foot orange, inflatable tetrahedron mark with reflective SOLAS tape on all sides. Also deployed will be two (2) orange hard plastic floats with flashing white light at 1.5 second at night, visible 4 kilometers.

The temporary buoy system will be deployed from July 9, 2022 – July 22, 2022, with all deployed materials removed after the race is completed.

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:
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 - UNMANNED SAILDROMES (25/22)**
SAILDRONE, INC. is conducting oceanographic research surveys in partnership with NOAA with Uncrewed Surface Vehicles (USVs), called “saildrones.” Saildrones are 23 ft in length, 16 ft tall, orange in color, have a white all-round light and are marked “SAILDRONE”. One of these vehicles, SD-1066, is expected to be recovered in the vicinity of northern Oahu between June 30-July 2. The saildrone has sustained a malfunction onboard, which has likely impacted the vehicle’s light functionality and ability to transmit AIS.

Mariners are requested to transit the area immediately northeast of the Hawaiian Island chain with caution and to remain greater than 500 meters away from the research equipment.

Questions regarding this notice can be directed to Saildrone Mission Control at missioncontrol@saildrone.com or via phone at +1 510 722 6070

**HI ISLANDS - OAHU - PEARL HARBOR SEDIMENT REMEDIATION 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 HTS44 (160’ x 65’)
- 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

**HI ISLANDS - MAUI - MAALAEA SMALL BOAT HARBOR PIER REPAIRS (23/22)**
Maalaea Small Boat Harbor South Mole Finger Pier Repair Project will commence on or about June, 2022 and will continue until on or about January, 2023.

The project consists of the removal of 17 wooden finger piers and the construction/installment of 17 aluminum finger piers. All demolished material

Mariners are requested to use extreme caution while transiting the work area.

Any questions or need more information, please contact Project Manager Doug Fraser at (808) 479–8509
HI ISLANDS - OAHU - HAZ OPS (28/22)
Hazardous operations will be conducted July 22, 2022 from 0700W - 2359W, 608 NM West of Oahu in an area bound by the following coordinates:
24-50’N / 149-28’W
24-47’N / 149-26’W
26-08’N / 146-05’W
26-05’N / 146-03’W
Return to origin
In the interest of safety, all vessels not involved in the above event are requested 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 - 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>
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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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<td>28860</td>
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<td>30860</td>
<td>Okino Reef Lighted Buoy 1</td>
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<td>81076</td>
<td>SCC Mic 281-2 28/22</td>
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DISCREPANCIES (FEDERAL AIDS) CORRECTED

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<th>Chart No.</th>
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<tbody>
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<td>30490</td>
<td>Kwajalein Harbor Channel Buoy 9</td>
<td>WATCHING PROPERLY</td>
<td>81715</td>
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DISCREPANCIES (PRIVATE AIDS)

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<th>Aid Name</th>
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<tbody>
<tr>
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<td>FAD Site HK - Hakalau, Hawaii</td>
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<td>19320</td>
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<td>FAD Site UU - Auau Point, Hawaii</td>
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### DISCREPANCIES (PRIVATE AIDS) CORRECTED

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<tr>
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<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
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<tbody>
<tr>
<td>28007.35</td>
<td>FAD Site Q - Pauwela Point, Maui</td>
<td>WATCHING PROPERLY</td>
<td>19340</td>
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<td>28008.19</td>
<td>FAD Site CC - Kaena Point, Lanai</td>
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<td>27/21</td>
<td>28/22</td>
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<td>28008.21</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

<table>
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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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<tbody>
<tr>
<td>29210</td>
<td>Honolulu Harbor Channel Lighted Buoy 5</td>
<td>RELOCATED FOR DREDGING</td>
<td>19367</td>
<td>253-20</td>
<td>38/20</td>
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<tr>
<td>30660</td>
<td>Ritidian Point Light</td>
<td>RELOCATED</td>
<td>81048</td>
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### PLATFORM TEMPORARY CHANGES

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</table>
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>Edition</th>
<th>Last Local Notice</th>
<th>Horizontal Datum Reference</th>
<th>Source of Correction</th>
<th>Current Local Notice to Mariners</th>
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<tbody>
<tr>
<td>12327</td>
<td>91st Ed</td>
<td>19-APR-97</td>
<td>Last LNM: 26/97</td>
<td>NAD 83</td>
<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

Green can

Corrective Action: TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.


(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

510 2nd Ed. 22-MAR-86 Last LNM: 18/11 UNKNOWN 28/22

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

RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Source of Correction: CGD14

Correction: from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E

81004 5th Ed. 01-AUG-08 Last LNM: 17/12 WGS 84 28/22

Chart Title: Commonwealth of the Northern Mariana Islands Main Panel 2904 MARIANA ISLANDS. Page/Side: N/A

RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Source of Correction: CGD14

Correction: from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E

81023 4th Ed. 19-JAN-85 Last LNM: 49/89 UNKNOWN 28/22

Chart Title: Nomoi Islands to Faraulep Island

RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Source of Correction: CGD14

Correction: from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E

81025 2nd Ed. 27-JAN-79 Last LNM: 45/88 UNKNOWN 28/22

Chart Title: COMNAV MARIANAS - SURFACE/AIR - OPAREA

RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Source of Correction: CGD14

Correction: from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E

81048 10th Ed. 01-FEB-06 Last LNM: 50/13 WGS 84 28/22

Chart Title: Marianas Island of Guam Territory of Guam;Cocos Lagoon

RELOCATE Ritidian Point Light

TEMPORARILY RELOCATED FOR CONSTRUCTION OF NEW AID.

Source of Correction: CGD14

Correction: from 13-39-00.504N 144-51-42.678E to 13-39-00.395N 144-51-42.475E

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

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<th>Longitude</th>
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<th>Rigs/Vessel</th>
<th>Chart</th>
<th>Type</th>
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Drill Rigs/Vessels Established
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>HI ISLANDS - OAHU - MAKAPUU POINT LIGHT (45/21)</td>
<td>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 <a href="mailto:D14-DG-PJdpw@uscg.mil">D14-DG-PJdpw@uscg.mil</a>, for questions or concerns.</td>
<td></td>
</tr>
</tbody>
</table>

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>
</tr>
</thead>
<tbody>
<tr>
<td>HI ISLANDS - HAWAII - POHOIKI BAY BREAKWATER LIGHT 2 (43/21)</td>
<td>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 <a href="mailto:D14-DG-PJ-dpw@uscg.mil">D14-DG-PJ-dpw@uscg.mil</a>, to comment.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Oceangraffix 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.
Coast Guard District

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 Kahoolawe.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.

(Authority: (H.R.S. §6K, H.A.R. §13-261)
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 July 13, 2022 through July 19, 2022:

Jul 13 0700-1700
Jul 14 0700-1700
Jul 15 N/A
Jul 16 N/A
Jul 17 N/A
Jul 18 0700-1500
Jul 19 0700-1500

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 July 13, 2022 through July 20, 2022:

13 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
14 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
15 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
16 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
17 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
18 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
19 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.
20 JULY 0600 - 1930 KAULAKAHI CHANNEL AND NOHILI POINT TO 240 NM WEST THROUGH NORTHEAST.

Marine Events

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

HI ISLANDS - KAUAU - BARKING SANDS - PACIFIC MISSILE RANGE FACILITY HI AREA - HAZARDOUS OPERATIONS (28/22)

Hawaii Explosives and Pyrotechnics, Inc. will be conducting a land fireworks display neighboring Duke Kahanamoku Beach on Fridays from 2115 - 2230 June 24, 2022 to December 30, 2022. Please require all vessels to observe the safety/fallout zone radius from the firing site. Vessels and spectators are advised to maintain a distance of at least 210 feet radius from the launch site.

Contact (808) 968-0600 for further information.

See Enclosure 5

SECTION VIII - LIGHT LIST CORRECTIONS

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

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See Enclosure 5
None

ENCLOSURES

ENCLOSURE (1)
HI ISLANDS - OAHU - KANEHOE BAY HAZARDOUS OPERATIONS (18/07)

ENCLOSURE (2)
HI ISLANDS - OAHU - HONOLULU HARBOR DREDGE (03/21)

ENCLOSURE (4)
HI ISLANDS - OAHU - PEARL HARBOR DREDGE

ENCLOSURE (5)
HI ISLANDS - OAHU - HONOLULU FIREWORKS

M. Day
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
Exclosure 5
6/23/2022

Safety/Fallout Zone
Closed 30 minutes prior to firing until “All Clear” is called by Operator - usually, 30 minutes after completion of 4 minute display.

Work Zone
Closed 4:00 p.m. to 9:00 p.m.

Firing Site

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