

District: 14

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

LOCAL NOTICE TO MARINERS

Week: 21/23

May 24, 2023 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, 2023 Edition (COMDTPUB P16502.6). U.S. Coast Pilot 10, Pacific Coast : Oregon, Washington, Hawaii, Pacific Islands 2022 (3rd Edition). Coast Pilots, along with corrections, are available at: http://www.nauticalcharts.noaa.gov

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: 0091-23 to 0096-23 COMCOGARD SECTOR FORCES MICRONESIA/SECTOR GUAM BNMs: 183-23 to 194-23

I through O

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift AICW - Atlantic Intracoastal Waterway Al - Alternating B - Buov 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 DBD/DAYBD - Dayboard DEFAC - Defaced DEST - Destroyed DISCON - Discontinued DMGD/DAMGD - Damaged ec - eclipse EST - Established Aid ev - every EVAL - Evaluation EXT - Extinguished F - Fixed fl - flash FI - Flashing G - Green GIWW - Gulf Intracoastal Waterway

I - Interrupted ICW - Intracoastal Waterway IMCH - Improper Characteristic INL - Inlet INOP - Not Operating INT - Intensity ISL - Islet Iso - Isophase kHz - Kilohertz LAT - Latitude LB - Lighted Buoy LBB - Lighted Bell Buoy LHB - Lighted Horn Buoy LGB - Lighted Gong Buoy LONG - Longitude LNM - Local Notice to Mariners LT - Light LT CONT - Light Continuous LTR - Letter LWB - Lighted Whistle Buoy LWP - Left Watching Properly MHz - Megahertz MISS/MSNG - Missing Mo - Morse Code 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 Buov **REFL** - Reflective RRL - Range Rear Light RELIGHTED - Aid Relit **RELOC** - Relocated **RESET ON STATION - Aid Reset on Station** RFL - Range Front Light RIV - River RRASS - Remote Radio Activated Sound Signal s - seconds SEC - Section SHL - Shoaling si - silent SIG - Signal SND - Sound SPM - Single Point Mooring Buoy SS - Sound Signal STA - Station STRUCT - Structure St M - Statute Mile TEMP - Temporary Aid Change TMK - Topmark TRLB - Temporarily Replaced by Lighted Buoy TRLT - Temporarily Replaced by Light

OBST - Obstruction OBSTR - Obstruction Oc - Occulting ODAS - Anchored Oceanographic Data Buoy TRUB - Temporarily Replaced by Unlighted Buoy USACE - Army Corps of Engineers W - White Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

MSLD SIG - Misleading Signal

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

*** 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.

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS (39/22)

The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics.

PACIFIC OCEAN - HAZARD TO NAVIGATION - MARINE DEBRIS (07/12)

With the increase in ocean debris sightings along the coastlines of the Pacific Ocean, mariners are reminded to submit debris sighting reports to the National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program at DisasterDebris@noaa.gov, and the University of Hawaii oceanographic research center at marinedebris@soest.hawaii.edu. For inshore sightings, please use the State of Hawaii https://dlnr.hawaii.gov/dobor/reportmarinedebrishawaii/.

HI ISLANDS - ALL ISLANDS - SAILDRONE OPERATIONS (07/23)

SAILDRONE, INC. will operate three Unmanned Surface Vehicles called Saildrones in collaboration with the University of Hawai'i, to systematically and synoptically survey ocean chemistry in Hawaiian coastal waters around each Hawaiian Island to understand the variability in carbon, oxygen, nutrients, and phytoplankton concentrations both in general and between islands. Saildrones are wind powered Unmanned Surface Vehicles that carry important oceanographic research instrumentation and are controlled from shore through satellite communications. Color: Orange, Length: 23 ft, Wide: 2 ft, Height: 16 ft above water line, Light: All-around White light. POC: (510) 722-6070, missioncontrol@saildrone.com. EST time of completion: Sept 01,2023.

Overall map with a variety of water quality data: http://www.pacioos.hawaii.edu/voyager/\ or (Zoomed into Hawai'i: bit.ly/3xLvFvv)

For more information on ocean chemistry work in the area : https://www.pacioos.hawaii.edu/projects/acid/

Vessels are requested to transit the area with caution, and remain greater than 500 meters away from the research equipment.

See Enclosure 3

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 - HI - HONOKAA GPS TESTING (20/23)

The GPS Navigational signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as E-911, AIS, and DSC, may be affected at an approximate testing center point of 19°48'05.9"N 155°38'43.7"W, with a possible impact radius of 60 NM at 50 feet above ground level from center point. GPS testing is scheduled to be conducted on: 23 through 28 MAY 2023 from 2200Z - 0400Z, and on 02 JUNE 2023 from 0200Z - 0400Z. More information is available at the Coast Guard Navigation Center web site: http://www.navcen.uscg.gov/. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN web site to submit a GPS problem report.

For additional information, you may contact the Navigation Information Service (NIS) watch stander at (703) 313-5900.

HI ISLANDS - HAWAII - HILO GPS TESTING (18/23)

The GPS Navigational signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as E-911, AIS, and DSC, may be affected at an approximate testing center point of 19°44'42.4"N 155°32'43.4"W, with a possible impact radius of 20 NM at 50 feet above ground level from center point. GPS testing is scheduled to be conducted on: 07 June 2023 and 09 June 2023 from 02002 - 0800Z. More information is available at the Coast Guard Navigation Center web site: http://www.navcen.uscg.gov/. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN web site to submit a GPS problem report.

For additional information, you may contact the Navigation Information Service (NIS) watch stander at (703) 313-5900.

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 through December 2023 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 the 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 - MAUI - MALA WHARF SHOALING (32/22)

There has been a report of increased shoaling around Mala Wharf. At low tide, the Mala Wharf Boat Ramp also becomes dangerously shallow with waters less than 03 feet. All mariners are requested to use caution while loading and unloading at Mala Wharf Boat Ramp and when transiting the channel. POC: DLNR DOBOR, Maui District (808) 243-5824

HI ISLANDS – MAUI – LAHAINA HARBOR SHOALING (34/22)

There have been numerous reports of shoaling around Lahaina Harbor. All mariners are requested to transit the area with caution and report

any observed changes in shoaling conditions to DLNR DOBOR at (808) 243-5824 and Marine Safety Team Maui at MSTMaui@uscg.mil

HI ISLANDS - MAUI - GPS TESTING (16/23)

The GPS Navigational signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as E-911, AIS, and DSC, may be affected at an approximate testing center point of 19°48'05.9"N 155°38'43.7"W, with a possible impact radius of 60 NM at 50 feet above ground level from center point. GPS testing is scheduled to be conducted on: 23 May 2023 - 02 June 2023. More information is available at the Coast Guard Navigation Center web site: http://www.navcen.uscg.gov/. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN web site to submit a GPS problem report.

For additional information, you may contact the Navigation Information Service (NIS) watch stander at (703) 313-5900.

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. POC: DLRN DOBAR at (808) 832-3520

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 - GPS TESTING (16/23)

The GPS Navigational signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as E-911, AIS, and DSC, may be affected at an approximate testing center point of 21°29'04.0"N 158°05'04.2"W, with a possible impact radius of 64 NM at 50 feet above ground level from center point. GPS testing is scheduled to be conducted on: 30 May 2023 - 03 June 2023. More information is available at the Coast Guard Navigation Center web site: http://www.navcen.uscg.gov/. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN web site to submit a GPS problem report.

For additional information, you may contact the Navigation Information Service (NIS) watch stander at (703) 313-5900.

HI ISLANDS - OAHU - HAZARDOUS OPERATIONS (21/23)

Hazardous operations will be conducted on May 24, 2023, 30 NM SE of OAHU from 2000W - 2200W in an area bound by the following coordinates:

20-42N / 157-46W 20-43N / 157-41W 20-42N / 157-25W 19-41N / 156-35W 19-08N / 156-35W 18-52N / 157-17W Return to origin

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

LNM: SCC Hono 091-23

HI ISLANDS - OAHU - HAZARDOUS OPERATIONS (21/23)

Hazardous operations will be conducted on the following dates and times: 24MAY23 0600-2300W 25MAY23 0600-2300W 30MAY23 0600-2300W in an area bound by the following coordinates: 21-25.0298N / 157-40.5617W 21-29.2763N / 157-40.5032W 21-30.9943N / 157-44.0995W 21-27.1973N / 157-43.8972W

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

LNM: SCC Hono 096-23

HI ISLANDS - OAHU - SAILDRONE OPERATION (20/23)

SAILDRONE, INC. will operate two Uncrewed Surface Vehicles (USV) called Saildrones in collaboration with the National Oceanic and Atmospheric Administration and Pacific Marine Environmental Laboratory, to survey multiscale processes that are responsible for contributing to carbon cycling near the equator. The vehicles will depart from the Island of O'ahu, first conducting temporary surveys that are 20 nm southwest of Moloka'i and 60 nm north of O'ahu for approximately one month. At the conclusion of their temporary surveys they will then transit through the Moloka'i Channel to the equator.

Saildrones are wind powered Unmanned Surface Vehicles that carry important oceanographic research instrumentation and are controlled from shore through satellite communications. Color: Orange, Length: 23 ft, Wide: 2 ft, Height: 16 ft above water line, Light: All-around White light. POC: (510) 722-6070, missioncontrol@saildrone.com. EST time of completion: June 16,2023.

Vessels are requested to transit the area with caution, and remain greater than 500 meters away from the research equipment.

See Enclosure 4

HI ISLANDS - KAUAI - GPS TESTING (16/23)

The GPS Navigational signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as E-911, AIS, and DSC, may be affected at an approximate testing center point of 22°02'42.2"N 159°46'46.7"W, with a possible impact radius of 95 NM at 50 feet above ground level from center point. GPS testing is scheduled to be conducted on: 07 June 2023 - 17 June 2023. More information is available at the Coast Guard Navigation Center web site: http://www.navcen.uscg.gov/. During this period GPS users are encouraged to report any GPS service outages that they may experience to the Navigation Information Service (NIS) by calling (703) 313-5900 or by using the NAVCEN web site to submit a GPS problem report.

For additional information, you may contact the Navigation Information Service (NIS) watch stander at (703) 313-5900.

MARIANA ISLANDS - GUAM - DIVING OPERATIONS (05/23)

Precon Marine, Inc. (PMI), PMI will be mobilizing Vessels and Material Barge(s) just in the vicinity of Naval Base GUAM to conduct Installation of a Underwater Electro-Magnetic Measurement System. Marker Buoys will be in place during the duration of the project in the area of coordinates below.

The proposed PMI project will consist of:

Dredging
 13°26'43.48"N 144°39'57.06"E
 Array Sensor Installation
 13°26'43.48"N 144°39'57.06"E
 Underwater conduit runs (Surrounding Areas)
 13°26'43.48"N 144°39'57.06"E
 To
 13°26'51.39"N 144°40'13.36"E

The proposed project will start on March 1, 2023 and lasting approximately 18 Weeks. A crane mounted barge and a material barge will be staged inside the channel to conduct scope of work during the hours of 7am to 7pm. Commercial Divers will post Alpha Dive flag during all diving operations. The channel will remain open and operational. All Staged equipment shall have approved Navigational warning devices following Coast Guard rules and regulations. If activities need to be extended past July 6th, 2023, an additional Notice shall be submitted. If you should have any questions or concerns, please do not hesitate to contact us. POC: Christopher Berry (757) 431 - 7222

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)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
28390	Kauiki Head Light	LT IMCH	19320	SCC Hono 089-2	2 20/23	
28510	Hawea Point Light	DAYMK MISSING	19347		20/23	
28520	Pohakuloa Point Light	LT EXT	19347	SCC Hono 213-2	2: 45/21	
28775	Kaneohe Bay Channel Light 22	DAYMK DMGD	19359	SCC Hono 044-2	2 13/23	
29770	Nawiliwili Harbor Breakwater Light	DAYMK MISSING	19383	SCC Hono 094-2	2 38/22	
29770	Nawiliwili Harbor Breakwater Light	LT EXT	19383	SCC Hono 095	- 21/23	
29865	Puolo Point Light	LT EXT	19382	SCC Hono 066-2	2 17/23	
30185	Breakers Point Light	LT EXT	83484	SCC Hono 011-2	2: 05/23	
30390	Kwajalein-Bigej Channel Buoy 1	OFF STA	81715	SCC Guam 328-2	2 33/22	
30740	Cabras Island Channel Junction Lighted Buoy A	MISSING	81054	SCC GUAM 172-	2 19/23	
30745	Cabras Island Channel Light 4	LT EXT	81054	SCC Guam 087-2	2 10/23	
30855	Tanapag Harbor Approach Lighted Buoy T	MISSING	81076	SCC Guam 068-2	2 09/23	
DISCREPANCIES (FEDERAL AIDS) CORRECTED					
LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End

None

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No. BNM Ref. LNM St LNM End
28007	FAD Site HK - Hakalau, Hawaii	MISSING	19320 SCC Hono109-21 27/21
28007.01	FAD Site G - Pepeekeo, Hawaii	MISSING	19320 SCC Hono 034-2. 11/23
28007.09	FAD Site SS - Apua Point, Hawaii	MISSING	19004 SCC Hono 081-2. 19/23
28007.13	FAD Site A - South Point, Hawaii	MISSING	19320 SCC Hono 082-2. 19/23
28007.17	FAD Site B - Milolii, Hawaii	MISSING	19004 SCC Hono 083-2. 19/23
28007.22	FAD Site WH1	MISSING	19320 SCC Hono 021-11 18/15
28007.35	FAD Site Q - Pauwela Point, Maui	MISSING	19340 SCC Hono 082-2, 34/22
28007.37	FAD Site HO - Hoolawa Point, Maui	MISSING	19340 SCC Hono 002-2: 02/23
28007.4	FAD SITE MTBC 1	MISSING	Hono 0038-23 11/23
28007.42	FAD SITE MTBC 2	MISSING	19004 SCC Hono 030-2; 06/22
28007.43	PacIOOS Wave Lighted Buoy Pauwela	MISSING	19342 SCC Hono 126-2, 45/22
28008	FAD Site FF - Pukaulua Point, Maui	MISSING	19004 SCC Hono 037-2; 08/22
28008.19	FAD Site CC - Kaena Point, Lanai	OFF STA	19351 SCC Hono 119-2; 44/22
28008.21	FAD Site N - Cape Halawa, Molokai	MISSING	19340 Hono 0039-23 11/23
28008.23	FAD Site X - Kahuku Point, Oahu	MISSING	19340 Sec Hono 050-22 14/22
28008.33	FAD Site P - Penguin Bank, Oahu	MISSING	19339 SCC Hono 142-2, 49/22
28008.35	FAD Site HH - Pearl Harbor, Oahu	MISSING	19340 SCC Hono 143-2; 49/22
28009	FAD Site S - Pokai Bay, Oahu	MISSING	19357 SCC Hono 084-2: 19/23
28009.05	FAD Site CO - Kaena Point, Oahu	MISSING	19380 SCC Hono 035-2; 11/23
28009.11	FAD Site EK - Hanalei, Kauai	MISSING	19381 SCC Hono 106-2; 41/22
28009.19	FAD Site Z - Kipukai, Kauai	OFF STA	19381 SCC Hono 069-2; 21/22
28009.23	FAD Site PP - Koloa, Kauai	OFF STA	19381 SCC Hono 067-2: 17/23
28009.25	FAD Site AA - Port Allen, Kauai	MISSING	19381 SCC Hono 038-2; 08/22

20000.27		MICCINC	10201	00011 115 0.07/01
28009.27	FAD Site KK - Waimea, Kauai	MISSING	19381	SCC Hono 115-2: 27/21
28053	PacIOOS Wave Lighted Buoy Hilo	MISSING	19320	SCC Hono 022-2: 07/23
28381.1	Kahului Boat Ramp Buoy 1	MISSING	19342	SCC Hono 187-2(30/20
28381.2	Kahului Boat Ramp Buoy 2	MISSING	19342	SCC Hono 187-2(30/20
28381.3	Kahului Boat Ramp Buoy 3	MISSING	19342	SCC Hono 187-2(30/20
28381.4	Kahului Boat Ramp Buoy 4	MISSING	19342	SCC Hono 187-2(30/20
28381.5	Kahului Boat Ramp Buoy 5	MISSING	19342	SCC Hono 187-2(30/20
28381.6	Kahului Boat Ramp Buoy 6	MISSING	19342	SCC Hono 187-2(30/20
28381.8	Kahului Boat Ramp Buoy 8	MISSING	19342	SCC Hono 187-2(30/20
28381.9	Kahului Boat Ramp Buoy 9	MISSING	19342	SCC Hono 187-2(30/20
28395	Hana Bay Daybeacon	DAYMK DMGD/STRUCT DMGD	19348	SCC Hono 061-2, 18/22
28427	Maalaea Basin Channel Lighted Buoy 1	ADRIFT	19348	SCC Hono 158-11 22/18
28427	Maalaea Basin Channel Lighted Buoy 1	LT EXT	19348	SCC Hono 018-2: 06/23
28430	Maalaea Basin Channel Lighted Buoy 2	LT EXT		SCC Hono 017-2: 06/23
28480	Lahaina Boat Basin Lighted Buoy 3	MISSING	19348	SCC Hono 177-11 28/18
28500	Lahaina Boat Basin Lighted Buoy 7	MISSING	19348	SCC Hono 238-11 46/18
28507.5	Mala Channel Light 5	LT EXT	19348	SCC Hono 283-2(45/20
28507.6	Mala Channel Light 6	LT EXT	19348	SCC Hono 284-2(45/20
28630	Kaunakakai Small Boat Harbor Buoy 1	SINKING	19353	SCC Hono 223-2: 46/21
28672	PacIOOS Wave Lighted Buoy Kaneohe	MISSING	19359	SCC Hono 023-2: 07/23
28674.04	East WETS 4	MISSING	19359	SCC Hono 010-18 02/18
28674.05	WETS 5	MISSING	19359	SCC Hono 011-1(02/18
28895	Makai Channel Daybeacon 3	DAYMK MISSING	19358	SCC Hono 038-1! 11/19
28900	Makai Channel Daybeacon 4	MISSING	19358	SCC Hono 038-1! 11/19
20000	Maunalua Bay Daybeacon 16	HAZ NAV/DAYMK DMGD	19358	SCC Hono 030 1, 11/13 SCC Hono 07/22
29010	Ala Wai Boat Harbor Channel Buoy 3	OFF STA	19369	SCC Hono 40/21
29110	Ala Wai Boat Harbor Channel Buoy 4	OFF STA	19369	SCC Hono 079-2, 29/22
29115	Ala Wai Boat Harbor Channel	DAYMK DMGD	19369	
29125	Daybeacon 6	DATHIK DINGD	19309	SCC Hono 174-11 27/18
29135	Ala Wai Boat Harbor Channel Daybeacon 8	DAYMK DMGD	19369	SCC Hono 175-11 27/18
29315	Keehi Lagoon Barge Turning Channel Range Front	REDUCED INT	19367	SCC Hono 312-2(52/20
29325	Keehi Lagoon Barge Turning Basin Buoy 2	OFF STA	19367	SCC Hono 085-12 16/12
29600	Barbers Point Anchorage Area Bravo Tank Terminal Lighted Buoy A	LT EXT	19362	SCC Hono 001-2: 01/22
29656	West Beach Marina Light 2	LT EXT	19362	SCC Hono 266-1: 40/17
29734.6	HOT site surface mooring buoy	OFF STA	19013	SCC Hono 29/22
30603	FAD Site "Cocos" - Guam	LT EXT	81048	SCC Guam 014-1 03/19
30612	FAD Site "FACPI 2" - Guam	MISSING	81048	SCC Guam 082-1 09/19
30624	FAD Site "Number 2" - Guam	OFF STA	81048	SCC Guam 146-1 12/14
30631	FAD Site "Number 3"	MISSING	81048	SCC Guam 083-1 09/19
30634	FAD Site "Number 4"	MISSING	81048	SCC Guam 011-1 03/19
30637.1	FAD Site GF1	MISSING	81048	SCC Guam 041-1 03/18
30640	FAD Site "Number 5"	LT EXT	81048	SCC Guam 607-1 47/18
30787	Drydock Point West Entrance	DAYMK MISSING	81054	SCC Guam 707-1 44/17
30811.3	Daybeacon 1 Agat Small Boat Harbor Light 3	LT EXT	81048	SCC Guam 178-1 18/19
30811.9	Agat Small Boat Harbor Daybeacon 9	DAYMK IMCH	81048	SCC Guam 092-1 07/18
30815	Mamaon Channel Lighted Buoy 1	OFF STA	81048	SCC Guam 718-1 45/17
30820	Mamaon Channel Lighted Buoy 2	OFF STA	81048	SCC Guam 506-1 39/18
	······································	-		

30851.2	FAD Site EE - Rota	MISSING	81004	SCC Guam 195	D-Z ZU/ZZ	
	FAD Site DD - Rota	MISSING	81004	SCC Guam 303	3-1 30/19	
30851.3	FAD Site DE - Rota	MISSING	81004	SCC Guam 084	1-2 10/23	
30852.19	FAD Site II - Saipan	MISSING	81067	SCC Guam 083	3-2 10/23	
30852.22	Fad Site LL - Saipan	MISSING	81067	SCC Guam 196	5-2 20/22	
30853	PacIOOS Wave Lighted Buoy Tanapag	MISSING	81067	SCC Guam 054	1-2 07/23	
30913	Smiling Cove Lighted Buoy 1	MISSING	81076	SCC Guam 284	1-2 29/22	
DISCREPANCIES	(PRIVATE AIDS) CORRECTED					
LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
None						
	REPANCIES					
Name	Status		Position	BNM Ref.	LNM St	LNM End
	SECTION III - TEMPORARY CHAI		PORARY CHANGES (CORRECTE	<u>ר</u>	
I his section conta						
relocated for dredg	ins temporary changes and corrections to Ai ging, testing, evaluation, or marking an obstr ner	ds to Navigation for ruction, a temporary w position.	this edition. When charted a correction shall be listed in S	aids are tempora	arily	
relocated for dredg	ging, testing, evaluation, or marking an obstr net	ruction, a temporary	this edition. When charted a correction shall be listed in s	aids are tempora	arily	
relocated for dredg	ging, testing, evaluation, or marking an obstr net	ruction, a temporary	this edition. When charted a correction shall be listed in s Chart No.	aids are tempora	arily	LNM End
relocated for dredg	ging, testing, evaluation, or marking an obsting net IGES	ruction, a temporary w position.	v correction shall be listed in s	aids are tempora Section IV giving	arily g the	LNM End
relocated for dredg EMPORARY CHAN LLNR 28935	ging, testing, evaluation, or marking an obstr ner IGES Aid Name Maunalua Bay Daybeacon 1A	ruction, a temporary w position. Status	v correction shall be listed in s	aids are tempora Section IV giving	arily g the LNM St	LNM End
relocated for dredg TEMPORARY CHAN LLNR 28935	ging, testing, evaluation, or marking an obstr ner IGES Aid Name Maunalua Bay Daybeacon 1A	ruction, a temporary w position. Status	v correction shall be listed in s	aids are tempora Section IV giving	arily g the LNM St	LNM End
relocated for dredg TEMPORARY CHAN LLNR 28935 TEMPORARY CHAN LLNR	ging, testing, evaluation, or marking an obstrained IGES Aid Name Maunalua Bay Daybeacon 1A IGES CORRECTED	ruction, a temporary w position. Status TRUB	v correction shall be listed in s Chart No. 19358	aids are tempora Section IV giving BNM Ref.	LNM St 47/22	
relocated for dredg TEMPORARY CHAN LLNR 28935 TEMPORARY CHAN LLNR one	ging, testing, evaluation, or marking an obstruction IGES Aid Name Maunalua Bay Daybeacon 1A IGES CORRECTED Aid Name	ruction, a temporary w position. Status TRUB	v correction shall be listed in s Chart No. 19358	aids are tempora Section IV giving BNM Ref.	LNM St 47/22	
relocated for dredg TEMPORARY CHAN LLNR 28935 TEMPORARY CHAN	ging, testing, evaluation, or marking an obstruction IGES Aid Name Maunalua Bay Daybeacon 1A IGES CORRECTED Aid Name	ruction, a temporary w position. Status TRUB	v correction shall be listed in s Chart No. 19358	aids are tempora Section IV giving BNM Ref.	LNM St 47/22	
relocated for dredg EMPORARY CHAN LLNR 28935 EMPORARY CHAN LLNR one LATFORM TEMPOR Name	ging, testing, evaluation, or marking an obstruction IGES Aid Name Maunalua Bay Daybeacon 1A IGES CORRECTED Aid Name	ruction, a temporary w position. Status TRUB	correction shall be listed in S Chart No. 19358 Chart No.	BNM Ref.	LNM St 47/22	LNM End
relocated for dredg TEMPORARY CHAN LLNR 28935 TEMPORARY CHAN LLNR One LATFORM TEMPOR Name Ione	ging, testing, evaluation, or marking an obstruction IGES Aid Name Maunalua Bay Daybeacon 1A IGES CORRECTED Aid Name	ruction, a temporary w position. Status TRUB	correction shall be listed in S Chart No. 19358 Chart No.	BNM Ref.	LNM St 47/22	LNM End

SECTION IV - CHART CORRECTIONS

This section	contains corrections to fe	derally and privately maint	ained Aids to Naviga	ation, as well as NOS corrections.	
				art number, and pertain to that chart o s individual elements of a typical char	
Chart Chart Number Edition	Edition Last Local No Date to Mariners	otice Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners	
	II. 19-APR-97 Last LNM: YORK HARBOR - RARIT			27/97	
Main Panel 2245	NEW YORK HARBOR IONAL DOCK CHANNEL I		CGD01 at 40-41-09.0	01N 074-02-48.001W	
I . Green Corrective O Action	can I Diject of Corrective Action		. I . Position		
				re given in degrees clockwise from 00 sed in nautical miles (NM) unless oth	
19324 23rd ChartTitle: Island Of H	Ed. 01-JUL-14	Last LNM: 33/12	WGS 84		21/23
	77 HILO BAY. Page/Side	ə: A		NOC	
	No new aditions of chart	10224 will be publiched.	will be concoled on	NOS	
LAST EDITION	(ENC) coverage is available Nautical Charts" in Section	r larger scale Electronic Na ole. See "Cancellation of No n I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Rasto A list of all canceled	er	
19327 11th ChartTitle: West Coast	Ed. 01-JUN-05 t of Hawai`i Cook Point t	Last LNM: 31/14 o Upolu Point;Keauhou E	WGS 84 Bay;Honokohau Ha	rbor	21/23
Main Panel 27	79 WEST COAST OF HA	WAII COOK PT. TO UPO	LU PT Page/Side	: N/A	
LAST EDITION	No new editions of chart			NOS 	
	(ENC) coverage is available Nautical Charts" in Section	r larger scale Electronic Na ble. See "Cancellation of No n I of this LNM for details. /www.charts.noaa.gov/MC	DAA Paper and Raste A list of all canceled		
19330 11th I ChartTitle: Kawaihae B		Last LNM: 34/14	WGS 84		21/23
	83 KAWAIHAE BAY ISL	AND OF HAWAII. Page/S	Side: N/A	NOS	
LAST EDITION	(ENC) coverage is available Nautical Charts" in Section	19330 will be published. It r larger scale Electronic Na ble. See "Cancellation of NC n I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Rast A list of all canceled	er	
19342 11th I ChartTitle: Kahului Ha	Ed. 01-FEB-10 Irbor and approaches;Ka	Last LNM: 50/13 hului Harbor	WGS 84		21/23
	88 KAHULUI HBR AND A		AUI. Page/Side: N//	A NOS	
LAST EDITION	(ENC) coverage is available Nautical Charts" in Section	19342 will be published. It r larger scale Electronic Na ble. See "Cancellation of NC n I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Rasto A list of all canceled	er	
	Ed. 01-JUN-14 between Molokai, Maui, L 90 CHANNELS BETWEE		•		21/23
LAST EDITION	(ENC) coverage is available Nautical Charts" in Section	19347 will be published. It r larger scale Electronic Na Ile. See "Cancellation of N(n I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Rast A list of all canceled	er	
19348 8th E ChartTitle: Approache	d. 01-DEC-03 s to Lahaina, Island of M	Last LNM: 33/12 aui	WGS 84		21/23

	92 APPROACHES TO LA		·	NOS		
LAST EDITION	04-Oct-23. Comparable of (ENC) coverage is available	or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled		_	
	etween O'ahu, Moloka'i	•	WGS 84 paʻu Harbor & LANAI. Page/Side: N/A	NOS		21/23
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled			
	•••••••••		WGS 84 Kamalö Harbor;Kolo Harb	or;Lono Harbor		21/23
				NOS		
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled			
19381 9th E ChartTitle: Island of K	auaʻi	Last LNM: 37/12	WGS 84			21/23
Main Panel 28	10 ISLAND OF KAUAI. I	Page/Side: N/A		NOS		
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled			
19382 16th ChartTitle: Port Allen	•••••••••••••••••••••••••••••••••••••••	Last LNM: 17/12	WGS 84			21/23
Main Panel 28	11 PORT ALLEN ISLAN	D OF KAUAI. Page/S	Side: N/A	NOC		
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled	NOS 		
19383 18th ChartTitle: Kauaʻi Naw		Last LNM: 09/13	WGS 84			21/23
Main Panel 28	12 NAWILIWILI BAY. Pa	age/Side: N/A		NOS		
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled			
	Ed. 01-FEB-13 roaches to Waimea Bay 15 APPROACHES TO W		WGS 84			21/23
				NOS		
LAST EDITION		or larger scale Electror ble. See "Cancellation on I of this LNM for de	nic Navigational Chart of NOAA Paper and Raster tails. A list of all canceled			
	ssions in Samoa Islands	-	-	and;Rose Atoll;Swains Island		21/23
Unrelated 2843	3 SAMOA ISLANDS PA	GU PAGU HAKBUR.	raye/Side: N/A	NOS		

	(ENC) co Nautical	overage is availa Charts" in Secti	ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/M	NOAA Paper and Raste 5. A list of all canceled	r		
	5th Ed. e: Johnston Atoll;John ain Panel 2846 JOHN			NAD 83	NOS		21/23
L	04-Oct-2 (ENC) co Nautical	23. Comparable overage is availa Charts" in Secti	t 83637 will be published. or larger scale Electronic M ble. See "Cancellation of M on I of this LNM for details //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raste S. A list of all canceled			-
			OIL RIG	MOVEMENT			
			Drill Rigs	/Vessels Removed			
Latitude None	Longitude	Block	<u>Rigs/Vessel</u>	<u>Chart</u>	Туре	Status	
			Drill Rigs/\	/essels Established			
Latitude None	Longitude	Block	<u>Rigs/Vessel</u>	Chart	Туре	<u>Status</u>	
Approved None Advance M The Co waterv	Project(s) Notice(s) HI ISLANDS - HAWA Dast Guard is proposing way leading to Pohoiki I	Mai NI - POHOIKI B discontinuing F Bay boat ramp a	SECTION V - ADV oved projects, changes to riners are advised to use of SUMMARY OF ADVAN AY BREAKWATER LIGH Pohoiki Bay Breakwater Lig It Isaac Hale Park un-navio Guard District, at (808) 53	aids to navigation, or aution while transiting ICED APPROVED PR ICED APPROVED PR ICED APPROVED PR (LLNR 28135) due gable. The Coast Guard	upcoming temp these areas. OJECTS e to shoaling ar d welcomes pul	Project Date	Ref. LNM which has made the proposal to
	lies the Coast Coast			ROPOSED CHAN		6	
establis	hed have changed. WI	hen changes oco ved, proposed p	stem of aids to navigation cur, the feasibility of impro rojects open for comment fice unless otherwise note	ving, relocating, repla . SPECIAL NOTE: Mar	cing, or discont iners are reque	inuing aids are consid	dered. This section
		PROPO	SED WATERWAY PROJ	ECTS OPEN FOR PUI		<u>IT</u>	
<u>Proposed</u> None	Project(s)				<u>Closing</u>	Docket No.	<u>Ref. LNM</u>
<u>Proposed</u> None	Change Notice(s)						

LAST EDITION No new editions of chart 83484 will be published. It will be canceled on

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

PRIVATE AIDS TO NAVIGATION (01/08)

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) 535-3409 / 3408 Email: D14-DG-PJ-dpw@uscg.mil

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

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

FISH AGGREGATING DEVICE (FAD) BUOY INFORMATION AND DISCREPANCIES (28/21)

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

Mariners requesting up to date information concerning Hawaiian Island's FAD Buoys, or reports of discrepancies, may either visit the Hawaii FAD web site at http://www.himb.hawaii.edu/fads, contact Mr. Warren Cortez at (808) 956-0684, or send written correspondence to: Mr. Warren Cortez Fish Aggregating Devices Program

Fish Aggregating Devices Program 965 N. Nimitz Hwy Honolulu, HI 96817

Mangilao, Guam 96913

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

NAVIGATION INTERNET SITES (33/05)

Chart Corrections: http://nauticalcharts.noaa.gov/mcd/updates/index.htm Light List Corrections: https://www.navcen.uscg.gov/index.php?pageName=lightLists Coast Pilot Corrections: http://nauticalcharts.noaa.gov/nsd/cpdownload.htm NOAA Weather Buoy Sites: http://www.ndbc.noaa.gov/Maps/rmd.shtml Hawaii Weather: http://www.prh.noaa.gov/pr/hnl/ Online Chart Viewer: http://www.nauticalcharts.noaa.gov/mcd/OnLineViewer

(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

NAVIGATION INTERNET SITES (33/05)

Notice. From NOAA digital files, OceanGrafix prints corrected charts, to order, for sale to mariners through the Oceangrafix retail network. Produced and distributed by authority of NOAA, these charts meet all U.S. Coast Guard chart carriage requirements, including the requirements for updating (Titles 33 & 46 CFR). New Editions are available 2-8 weeks before their release as a traditional NOAA chart.

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

POD charts are available through a POD chart agents at http://OceanGrafix.com/, 1-877-56CHART, or contact NOAA at http://nauticalcharts.noaa.gov/pod/Pod.htm. For questions contact NOAA at help@nauticalcharts.gov.

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

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

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

The following suggested measures can help avoid near misses:

Become familiar with your transit route and destination area before heading out.

Remain vigilant of your surroundings and post extra lookouts in choppy waters and inclement weather.

Stay clear of federal Aids to Navigation and commercial delineated channels.

Use all appropriate sound and visual signals.

Postpone trips until the weather and sea conditions improve.

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

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

Any and all life threatening or hazardous conditions including off station or missing buoys should be reported immediately to the U.S. Coast Guard at (808) 842-2600.

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

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

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

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

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

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

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

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

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

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

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

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

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 (52/22)

Notice to Trollers: The dates below mark the Permitted Trolling Schedule in Zone B for January -- December 2023. 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 21 - 22; 28 - 29February 11 - 12; 25 - 26March 11 - 12; 18 - 19April 15 - 16; 29 - 30May 13 - 14; 20 - 21June 03 - 04; 17 - 18July 08 - 09; 29 - 30August 12 - 13; 26 - 27September 09 - 10; 23 - 24October 07 - 08; 21 - 22November 04 - 05; 18 - 19December 02 - 03; 16 - 17

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 ofemergency. 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)

See enclosure 2

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

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

HI ISALNDS - OAHU - KANEOHE BAY - PYRAMID ROCK - HAZARDOUS OPERATIONS (21/23)

The Pyramid Rock / Fort Hase / Kaneohe Bay 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. Mark B.J. Edmonson at mark.bj.edmonson@usmc.mil.

The Danger Zone is bounded by the following coordinates:

21-27.97'N / 157-45.78'W 21-29.88'N / 157-44.78'W 21-29.38'N / 157-43.68'W 21-27.47'N / 157-44.68'W

The following are hazardous operations to mariners for May 24, 2023 through May 30, 2023:

May 24 0700 - 2100 DZ KBay May 25 N/A May 26 N/A May 27 N/A May 28 N/A May 29 N/A May 30 N/A

See enclosure 1

HI ISLANDS - OAHU - KANEOHE BAY - ULUPAU CRATER WEAPONS DANGER ZONE - HAZARDOUS OPERATIONS (21/23) 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 (Zone 1 NE) 21°30′59.66″N /157°44′05.97″W to 21°29′16.58″N /157°40′30.19″W to (Zone 2 SE) 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 24, 2023 through May 30, 2023 Zone 1 (NE Range) May 24 N/A May 25 0600 - 2300 May 26 N/A May 27 N/A May 28 N/A May 29 N/A May 29 N/A May 30 0600 - 2300 Zone 2 (SE Range) May 24 0600 - 2300 May 25 0900 - 1300 May 25 N/A May 27 N/A

May 30 0600 - 2300 See enclosure 1

May 28 N/A May 29 N/A

HI ISLANDS - OAHU - WAIMANALO BAY - HAZARDOUS OPERATIONS (21/23)

The Waimanalo Bay 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. Mark B.J. Edmonson at mark.bj.edmonson@usmc.mil.

The Danger Zone is bounded by the following coordinates:

21-21'11"N / 157-42'16"W 21-21'10"N / 157-42'24"W 21-21'50"N / 157-42'34"W 21-21'49"N / 157-42'28"W

The following are hazardous operations to mariners for May 24, 2023 through May 30, 2023:

May 24 N/A May 25 N/A May 26 N/A May 27 N/A May 28 N/A May 29 N/A May 30 N/A

See enclosure 1

HI ISLANDS - OAHU - EWA BEACH - HAZARDOUS OPERATIONS (21/23)

The Puuloa Danger Zone is located in ocean waters as described by the below coordinates and is closed at all times to surface craft, swimmers, and divers, with the exception of authorized personnel. Mark B.J. Edmonson at mark.bj.edmonson@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 24, 2023 through May 30, 2023:

May 24 0700 - 1700 May 25 0700 - 1700 May 26 N/A May 27 N/A May 28 N/A May 29 N/A May 30 N/A See enclosure 1

HI ISLANDS - SOUTH COAST OAHU - HAZARDOUS OPERATIONS - HOT AREAS (50/07)

FACSFAC Pearl Harbor established Special Operating Areas Four (SOA-4) as a permanent "HOT AREA" named "KAPU" on April 15, 1995. FACSFAC effective hours are 0700W to 2300W (Monday - Saturday from 1700Z - 0900Z) Monday - Friday, and on weekend's 0800W - 1600W (Weekends from 1800Z - 0200Z) or by request. Activities include intermittent naval gunnery exercises and airborne ordnance drops. "KAPU" is also designated as the emergency jettison area for aircraft with hung stores, etc. Hot area "KAPU" is bounded by the following coordinates 20-46N/158-16W, 20-42 N/158-04W, 20-13N/158-36W and 20-04N/158-11W. Scheduling authority is FACSFAC Pearl Harbor call-sign "HULA DANCER". "HULA DANCER" can be reached on primary 266.4/127.0 MHz, or secondary 336.8/132.4 MHZ or telephone (808) 472-7333/7337 and may authorize transits through these areas on a case by-case basis.

HI ISLANDS - KAUAI - BARKING SANDS - PACIFIC MISSILE RANGE FACILITY HI AREA - HAZARDOUS OPERATIONS (21/23) 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, 22:04N/160:06W, 21:59.5N/160:21W, 22:05N/161:35W, 22:45N/161:25W, 22:56N/161:49W, 23:34N/161:18.6W, 23:57N/160:41W, 25:41N/161:36W, 26:00N/159:58W, 25:47N/158:15W, 23:54N/158:15W, 22:20N/159:09W, 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 24, 2023 through May 31, 2023:

24 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 25 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 26 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 27 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 28 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 29 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 30 MAY NO HAZARDOUS OPERATIONS SCHEDULED. 31 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 (02/23)

Hawaii Explosives and Pyrotechnics, Inc. will be conducting a land fireworks display neighboring Duke Kahanamoku Beach on Fridays from 1930 - 2030 January 06, 2023 to December 29, 2023. 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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
No.	Name and Location	Position	Characteristic	Height	Range	Structure	Remarks

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

ENCLOSURE (1)

HI ISLANDS - OAHU - KANEOHE BAY HAZARDOUS OPERATIONS (18/07)

ENCLOSUE (2)

HI ISLANDS - KAHO`OLAWE ISLAND RESERVE COMMISSION - NOTICE OF OPEN WATERS SCHEDULE (52/22) see attachment doc

ENCLOSURE (3)

HI ISLANDS - ALL ISLANDS - SAILDRONE OPS

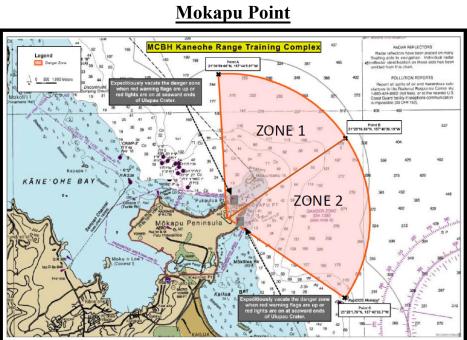
ENCLOSURE 4

HI ISLANDS - OAHU - SAILDRONE OPERATIONS OAHU

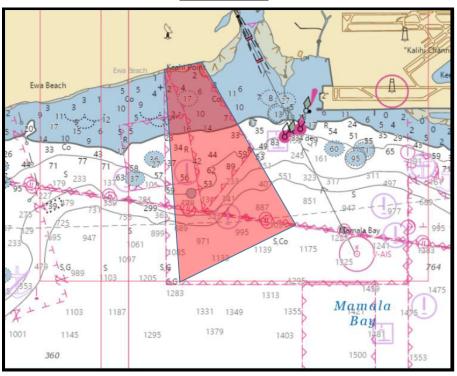
ENCLOSURE (5)

HI ISLANDS - OAHU - HONOLULU FIREWORKS

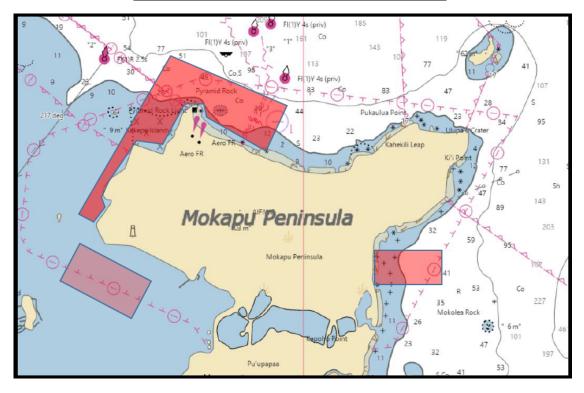
M. Day Rear Admiral, U.S. Coast Guard Commander, Fourteenth Coast Guard District



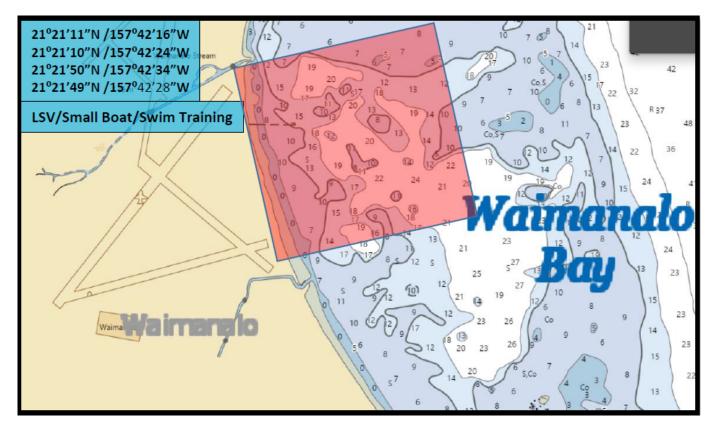
Ewa Beach



Pyramid Rock/Fort Hase/Kaneohe Bay



Waimanalo Bay



DAVID Y. IGE GOVERNOR OF HAWAI'I





COMMISSION MEMBERS

JOSHUA KAAKUA, Ed.D Chairperson CARMEN HULU LINDSEY Vice-Chair

SUZANNE CASE 'ÂNELA EVANS SAUMALU MATAAFA BENTON KEALII PANG, Ph.D MICHELLE PESCAIA

> Michael K. Nāho'opi'i Executive Director

KŪKULU KE EA A KANALOA KAHOʻOLAWE ISLAND RESERVE COMMISSION

811 Kolu Street, Suite 201, Wailuku, HI 96793 Telephone (808) 243-5020 Fax (808) 243-5885 Website: http://kahoolawe.hawaii.gov

Notice of Permitted Trolling Schedule:

January-December 2023 Kaho'olawe Island Reserve Zone B (> 30 fathoms)

<u>Notice to Trollers</u>: The dates below mark the <u>Permitted Trolling Schedule</u> in Zone B for January -- December 2023. 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 <u>Permitted Trolling</u> 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	21 –22;	28 – 29	July	08 –09;	29 – 30
February	11 -12;	25 - 26	August	12 -13;	26 - 27
March	11 -12;	18 - 19	September	09-10;	23 - 24
April	15 –16;	29 - 30	October	07 - 08;	21 - 22
May	13 - 14;	20 - 21	November	04 - 05;	18 – 19
June	03 –04;	17 - 18	December	02 -03;	16 - 17

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))

Enclosure 2





RESEARCH EQUIPMENT IN WATER

Islands of Hawaiʻi March 1st to Sept 1st, 2023

SAILDRONE, INC. will operate three Unmanned Surface Vehicles called Saildrones, to systematically and synoptically survey ocean chemistry in Hawaiian coastal waters around each Hawaiian Island to understand the variability in carbon, oxygen, nutrients, and phytoplankton concentrations both in general and between islands.

Overall map with a variety of water quality data: <u>http://www.pacioos.hawaii.edu/voyager/</u> or (Zoomed into Hawai'i: bit.ly/3xLvFvv)

For more information on ocean chemistry work in the area : <u>https://www.pacioos.hawaii.edu/projects/acid/</u>

VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.

Saildrones are wind powered Unmanned Surface Vehicles that carry important oceanographic and fisheries acoustics research instrumentation and are controlled from shore through satellite communications.

Length: 23 ft & Width: 2 ft

Height: 16 ft above water line

Draft: 6 ft, Avg. speed: 3 kts

GPS / AIS / Cameras: Yes

- Color: Orange
- Light: white all-round light
- Radar Reflector: Yes
- Notation: "Saildrone"



Image: Note of the second s

RESEARCH CONTACTS

Dr. Christopher Sabine Department of Oceanography University of Hawai'i at Mā noa csabine@hawaii.edu PhD Student Amy Markel Department of Oceanography University of Hawai'i at Mānoa amarkel@hawaii.edu

SAILDRONE MISSION CONTROL

(510) 722-6070



RESEARCH EQUIPMENT IN WATER

Islands of O'ahu & Moloka'i May 19th to June 16th, 2023

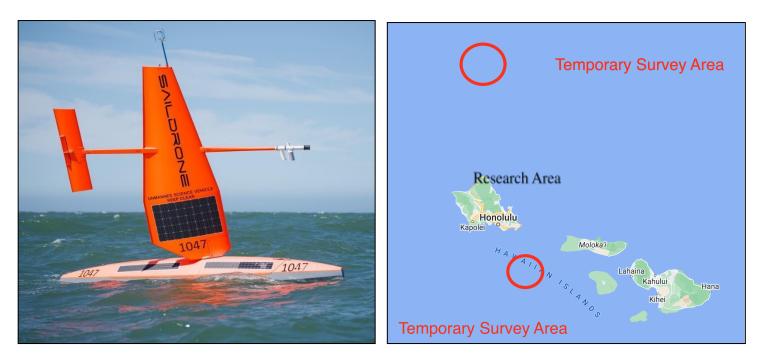
SAILDRONE, INC. will operate two Uncrewed Surface Vehicles (USV) called Saildrones in collaboration with the National Oceanic and Atmospheric Administration and Pacific Marine Environmental Laboratory, to survey multiscale processes that are responsible for contributing to carbon cycling near the equator. The vehicles will depart from the island of O'ahu, first conducting temporary surveys that are 20 nm southwest of Moloka'i and 60 nm north of O'ahu for approximately one month. At the conclusion of their temporary surveys they will then transit through the Moloka'i Channel to the equator.

Vessels are requested to transit the area with caution, and remain greater than 500 meters away from the research equipment.

Saildrones are wind powered Uncrewed Surface Vehicles that carry important oceanographic research instrumentation and are controlled from shore through satellite communications.

- Color: Orange
- Light: white all-round light
- Radar Reflector: Yes
- Notation: "Saildrone"

- Length: 23 ft & Width: 2 ft
- Height: 16 ft above water line
- Draft: 6 ft, Avg. speed: 3 kts
- GPS / AIS / Cameras: Yes



SAILDRONE MISSION CONTROL

(510) 722-6070 missioncontrol@saildrone.com

