



HAWAI'I BOARD ON GEOGRAPHIC NAMES (HBGN)

Notice of Meeting and Agenda

235 S. Beretania Street
6th Floor Conference Room
Honolulu, HI 96813

Wednesday, October 5, 2022
2:00 p.m.

As authorized under Act 220, Session Laws of Hawai'i 2021, this meeting will be held with Board Members, Staff, and Agencies participating in-person at the above location or via Zoom online meeting venue.

Zoom meeting information:

URL: <https://bit.ly/hbgn-20221005>

or dial: (669) 900-6833 [audio only]

Meeting ID: 814 5663 6982

Passcode: 581717

A G E N D A

1. Call to Order
2. Review and approval of meeting minutes for September 7, 2022
The Board will review/amend the minutes from the previous meeting and will vote on whether or not to approve them at this time. [Action item]
3. Public comments.
Participants may provide comments about issues not on the agenda for possible inclusion on a future agenda. [Not an action item]
4. Announcements.
Participants may share information not requiring Board discussion, action, or decision making. [Not an action item]
5. Discussion and decision on Lō'ihi seamount / Kama'ehuakanaloa
An update from Dr. Smith about the Advisory Committee on Undersea Features (ACUF) meeting on Tuesday, October 4, 2022, discussion about Dr. Smith's briefing at the July 2022 HBGN meeting, and review of the HBGN's 2021 naming decision. [Action item]
6. Discussion and decision on selected feature names on the Island of Hawai'i.
Board members are reviewing and researching feature names from its review list. Board members will discuss the results of their research and may make naming decisions. [Action item]
7. Adjourn

Meeting Materials:

Meeting materials will be available in advance of the meeting on HBGN's website (<https://planning.hawaii.gov/gis/hbgn/hbgn-meeting-materials>).

Zoom meeting information:

To participate via the Zoom link provided, you will need a computer or mobile device with internet access, video camera (recommended), and microphone. You will be muted during the meeting unless you are testifying or actively participating in a discussion. You may also access the Zoom meeting by phone only by using the dial-in phone number, meeting ID, and meeting passcode information provided at the top of this agenda. Further instructions for how to use Zoom are available at: <https://planning.hawaii.gov/ghgstf/agendas-and-minutes>.

If connection is lost, the meeting may reconvene when either audiovisual communication or audio-only communication is established within thirty minutes. The public may access the reconvened meeting by clicking the link again.

If it is not possible to reconvene the meeting within 30 minutes after an interruption, then check HBGN's website (<https://planning.hawaii.gov/gis/hbgn>) for information as to whether the meeting will be continued to an alternative date and time, or the meeting may be terminated.

Information about submitting and providing testimony:

Written testimony may be submitted on any agenda item:

by email: *arthur.j.buto@hawaii.gov* or

by postal mail: Office of Planning and Sustainable Development
ATTN: Hawai'i Board on Geographic Names
P.O. Box 2359
Honolulu, HI 96804-2359

Written testimony should include the word "testimony" with the agenda item number and description in the Subject line, and should be received no later than **Friday, September 30, 4:30 p.m.**, in order to be included in the meeting packet. Testimony received after that time will be distributed at the meeting but may not be included in the meeting packet.

Members of the public may also provide oral testimony and participate in discussions for any agenda item during the meeting. Please indicate that you wish to speak by using the raise hand function in Zoom, or if calling in by telephone, entering * and 9 on your phone keypad. When recognized by the Chairperson, you will be unmuted. If calling in by phone, you can unmute and mute yourself by pressing * and 6 on your keypad. When testifying, you will be asked to identify yourself and the organization, if any, that you represent.

Information about attending the meeting in person:

Persons may attend the meeting in person at: Leiopapa A Kamehameha, 235 S. Beretania Street, 6th Floor Conference Room, Honolulu, HI 96813. Visitors will be asked to:

- Present a government issued picture ID at the security desk in the lobby;
- Wear a mask which covers both the nose and mouth;
- Maintain social distance of minimum 6 feet apart from others whenever possible.

Information about auxiliary aids:

If you require auxiliary aids/service (such as a sign language interpreter) or other accommodations for this meeting due to a disability, please contact Arthur Buto (arthur.j.buto@hawaii.gov) as soon as possible so that arrangements can be made. If a request is received after **Wednesday, September 28, 2022**, we will try to obtain the auxiliary aid/service or accommodation, but we cannot guarantee that the request will be fulfilled. Furthermore, due to a limited number of auxiliary devices and assistive staff, it is possible that requests received before **Wednesday, September 28, 2022**, may not be fulfilled. Requests made as early as possible have a greater likelihood of being fulfilled.

Upon request, this notice is available in alternate formats such as large print or Braille.

AGENDA ITEM 2

MINUTES DRAFT
FOR THE MEETING OF THE
HAWAI'I BOARD ON GEOGRAPHIC NAMES

DATE: September 7, 2022
TIME: 2:00 p.m.
PLACE: Leiopapa A Kamehameha Building
Office of Planning and Sustainable Development
235 S. Beretania Street, 6th Floor Conference Room
Honolulu, Hawai'i 96813

AGENDA ITEM 1: Call to Order

Mr. Cummins called the meeting to order at 2:02 p.m.

The following were in attendance:

MEMBERS: Meyer Cummins (Land Survey Division) [remote]
Arthur Buto for Mary Alice Evans (Office of Planning and Sustainable
Development) [in-person]
Niniau Kawaihae (Department of Hawaiian Home Lands) [remote]
Kapā Oliveira (University of Hawai'i at Mānoa) [remote]
Keith Gutierrez (Office of Hawaiian Affairs) [remote]

ABSENT: Marques Marzan (Bishop Museum)
Holly McEldowney (Department of Land and Natural Resources)

GUESTS: Jenny Runyon (USGS) [remote]

AGENDA ITEM 2: Review of Meeting Minutes for August 3, 2022

MOTION: Ms. Kawaihae moved to approve the minutes of August 3, 2022; Ms. Oliveira seconded the motion.

The members present voted unanimously to approve the revised meeting minutes of August 3, 2022.

AGENDA ITEM 3: Public Comments

Mr. Buto received an email inquiry from Mr. Peter Young about HBGN's naming decision in 2012 adding "(Military Reservation)" to "Pōhakuloa Training Area." It is listed in the GNIS as "Pōhakuloa Training Area." Mr. Young attached his research into the name, including the HBGN decision and the GNIS entry. He also mentioned that the parenthetical phrase appears in a 1975 USGS topo map. He would like to know why and when the decision was made and by whom. The GIS Program staff are going through the files to review the 2012 minutes. Mr. Buto will forward the inquiry from Mr. Young following this meeting and will email the results of the review to the Board members.

AGENDA ITEM 4: Announcements

Mr. Buto announced that a training session about Robert's Rules of Order will be conducted by the Center for Alternative Dispute Resolution on September 20th. The training is virtual and free, and registration is open to the public. He will forward the email with a registration link to the Board members following this meeting.

AGENDA ITEM 5: Discussion and decision on selected place names on the Island of Hawai'i

Mr. Cummins looked through the records in the Survey Office. Some maps of this particular area with the kīpuka; he found one labeled "Mamane Kīpuka" on RM 2388 but is in a slightly different location than is shown in the GNIS.

Ms. Kawaihae asked if the name on the spreadsheet "Kīpuka Major" is a typo; Mr. Buto confirmed that "Kīpuka Major" is the name of the feature in the GNIS. Ms. Runyon commented that the GNIS entry was added in 1981 during Phase I in which names were collected from the topo maps. The 2000 entry added the diacriticals to the spelling. She noted that if research shows that the name "Kīpuka Major" is not in common usage, it can be noted as "historical." Mr. Cummins will look at this area further for this feature.

Mr. Buto noted that there is another kīpuka in that area with the name "flipped" (like "Mamane Kīpuka") – "Waiio Kipuka" is the primary name, but "Kīpukawai'io" is listed as a variant name and has been concatenated and includes 'okina and kahakō in the spelling. Ms. Runyon noted that the topo maps linked to the GNIS are older ones and feature names may have been updated in the GNIS but are not updated on the map. Mr. Cummins added that many of the maps that he has show the names "flipped."

The Board began reviewing the rest of the names on the list.

[361295] **Kipuka Kepunoi.** The Board members present were unable to find out anything more about this name using the resources available to them. Mr. Cummins proposed that the Board continue the practice it adopted last month to concatenate the names following the HBGN Style Guide and add the kahakō over the "i" in kīpuka, but not add other 'okina or kahakō unless it is unambiguous, then mark these with a Status Code of "7," meaning *"HBGN partial correction, exhausted available reference and research resources."*

The Board confirmed for Ms. Runyon that this code can be a trigger for the USGS staff to update the spelling of the feature name in the GNIS once the meeting minutes are approved. This is similar to the current practice of updating the GNIS for features with a Status Code "4," meaning *"HBGN Corrected"* [i.e., spelling correction only].

MOTION: Ms. Kawaihae moved that the names on the current list be concatenated, with the exception of Kīpuka Major for which Mr. Cummins will do further research, and add

the kahakō for “Kīpuka” where it is missing and for “Māmane.” Ms. Oliveira seconded the motion.

The members present voted unanimously to concatenate the names on the current list, with the exception of Kīpuka Major, and add the kahakō for “Kīpuka” where it is missing and for “Māmane.”

Status Key: 1 = Not Hawaiian; 2 = Not Reviewed; 3 = More Research Needed; 4 = HBGN Corrected; 5 = Already Correct in GNIS; 6 = Name Change; 7 = HBGN partial correction, exhausted available references and research resources							
Stat	Feat ID	Feature Name	Feature Class	Corrected Name	Source	Notes	USGS Quad Name
7	361295	Kipuka Kepunoi	Area	Kīpukakepunoi	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kahuku Ranch
7	361297	Kipuka Koheleha	Area	Kīpukakoheleha	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kahuku Ranch
7	361301	Kipuka Maheo	Lava	Kīpukamaheo	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kahuku Ranch
3	361302	Kīpuka Major	Area			PNH: not listed	Puulehua
7	361303	Kipuka Mali	Lava	Kīpukamali	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kalae
7	361305	Kipuka Mamane	Lava	Kīpukamāmane	HBGN	PNH: not listed; Kelo Awong: lots of māmane trees in the area; will bring it to attention of Kupuna group, 2-14-18; HBGN: added kahakō to “māmane;” concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kahuku Ranch
7	361306	Kipuka Mamani	Area	Kīpukamamani	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Puulehua
7	361307	Kipuka Mana o Ka Lili	Lava	Kīpukamanaokalili	HBGN	PNH: not listed; HBGN: concatenated per Style Guide, but more research needed; exhausted available reference and research resources, 09-07-2022	Kahuku Ranch

AGENDA ITEM 7: Adjourn

MOTION: Ms. Kawaihae moved to adjourn the meeting; Mr. Buto seconded the motion.

Ms. Kawaihae thanked Mr. Cummins for chairing the meeting.

Mr. Buto added that Dr. Smith should be available for the October meeting, so the discussion of Lō‘ihi Seamount / Kama‘ehuakanaloa will be added back to the agenda.

Ms. Runyon congratulated Ms. Kawaihae on her appointment to the Federal Advisory Committee on Reconciliation in Place Names. Ms. Kawaihae and former HBGN member, Kamana'o Mills were appointed by Secretary of the Interior Deb Haaland last month.

Ms. Runyon also noted that next week is the annual conference of the Council of Geographic Names Authorities (CoGNA). This year the conference is being held in Maryland, but there is a virtual component as well. Mr. Buto will forward information about the conference to Board members after this meeting.

The members present voted unanimously to adjourn the meeting.

Mr. Cummins adjourned the meeting at 2:35 p.m.

AGENDA ITEM 3

AGENDA ITEM #3

From: [Peter T Young](#)
To: [Evans, Mary Alice](#); [Buto, Arthur J](#)
Cc: [HAWAII.RR-Peteryoung](#)
Subject: RE: [EXTERNAL] Pōhakuloa Training Area Naming that includes "Reservation"
Date: Thursday, September 1, 2022 11:43:39 AM
Attachments: [PTA Naming.docx](#)

Thanks.

Attached is some background I have started to develop.

It all actually started when I reviewed the Conservation District Subzone mapping (2012). That uses the reference 'Pōhakuloa Training Area Reservation' and notes "(Prepared on the State of Hawai'i's GIS - NOVEMBER 2012)"

When I asked the Army about the name 'Pōhakuloa Training Area Reservation', they responded, "Never heard of that phrase, however, it sounds like something in the 50s or 60s when the parcels were being adjudicated." However, the EOs and Lease in that time frame all, and only, reference it simply as Pōhakuloa Training Area.

While the USGS US Board on Geographic Names says Pōhakuloa Training Area, the 1975 USGS online Hawaii Island Topographic map uses the parenthetical '(Military Reservation)' under the Pōhakuloa Training Area name.

Thanks,
Peter.

Peter T. Young, President
Ho'okuleana LLC

The best ways to reach me:

e-mail: [REDACTED]
Cell phone: [REDACTED]
Text: [REDACTED]

www.Hookuleana.com
www.ImagesOfOldHawaii.com

From: Evans, Mary Alice [REDACTED]
Sent: Thursday, September 1, 2022 2:50 PM
To: Buto, Arthur J <arthur.j.buto@hawaii.gov>
Cc: HOOKULEANA-PeterYoung [REDACTED]
Subject: FW: [EXTERNAL] Pohakuloa Training Area Naming that includes 'Reservation'

Hi Peter –

Hope all is well with you, too.

I am asking Arthur Buto, State GIS Planning Program Manager in OPSD, to respond directly to you with whatever information or sources most likely to have the information you are looking for.

Hi Art -- Please respond directly to Peter with a cc to me, since I am curious about Peter's query.

Thanks, Mary Alice

[REDACTED]

From: Peter T Young [REDACTED]
Sent: Thursday, September 1, 2022 10:32 AM
To: Evans, Mary Alice [REDACTED]
Cc: HAWAII.RR-Peteryoung [REDACTED]
Subject: [EXTERNAL] Pohakuloa Training Area Naming that includes 'Reservation'

Mary Alice.

I hope all is well. I am not sure who else to turn to, so I am asking you.

I am trying to get information (timing, who did it, what prompted the name, why ...) about the naming of Pahalukoa Training Area (PTA) that includes reference as a 'Reservation' or 'Military Reservation.' I have reached out to the Army.

I see the Hawaii Board on Geographic Names is under Planning. A summary they note for Hawaii Island shows:

Feature ID	Feature Name	Class
2511979	Pōhakuloa Training Area	Military

Corrected Name	Source	Quad
Pōhakuloa Training Area (Military Reservation)	PNH	Puukoli

(I have guesses, but I do not know for sure what PNH stands for.)

So, sometime and for some reason, the HBGN 'Corrected' the name of PTA and added the 'Military Reservation'.

I have reviewed various Executive Orders and Lease about the affected property, and none reference any form of 'Reservation.'

I found the DLNR OCCL Conservation District subzone map and it refers to the area as the PTA Reservation. I have reached out to DLNR, as well as the State Surveyor.

Anyway, where may I get information that moved the HBGN to 'correct' the name of PTA? (I am looking for the who, what, when, where and why kind of info.)

Thanks,
Peter.

Peter T. Young, President
Ho'okuleana LLC

The best ways to reach me:

e-mail: [REDACTED]

Cell phone: [REDACTED]

Text: [REDACTED]

Zoom: [REDACTED]

For all postal mail or deliveries:

Mailing Address (Colorado Home)

[REDACTED]
[REDACTED]

Primary Residence (Hawai'i Home - no mail delivery here)

[REDACTED]
[REDACTED]

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PTA Naming

Hawaii Board of Geographic Names

Feature ID	Feature Name	Class	Corrected Name	Source	Quad
2511979	Pōhakuloa Training Area	Military	Pōhakuloa Training Area (Military Reservation)	PNH	Puukoli

USGS – US Board on Geographic Names

Feature ID:	2511979
Name:	Pōhakuloa Training Area
Class:	Military
Location:	Hawaii County - Hawaii
Citation:	
Source Type:	Text
Reference:	US
Originator:	U.S. Board on Geographic Names
Publication Date:	October 31, 2011
Title:	Geographic Names Post Phase I Board/Staff Revisions
Edition:	
Original Citation:	Board decisions referenced after Phase I data compilation or staff researched non-controversial names.
Entry Date:	November 17, 2008
*Elevation:	1794 meters / 5886 feet

Hawaiian Place Names

Pohakuloa Training Area

Island:	Hawai'i: Hāmākua
Ahupua'a:	Kaohe Mauka
Feature:	place
Comments:	U. S. Army facility. Elev. about 6100 ft.
Lexicology:	pōhakuloa. PEM: long stone.
Source:	USGS 1956.
Quadrangle:	10-22
North:	336,000
East:	480,000
Coordinates:	19.755486 / -155.555450
Catalog No.:	344.46.058

Puu Pohakuloa

Island:	Hawai'i: Hāmākua
Ahupua'a:	Kaohe Mauka
Feature:	cone
Comments:	Cinder cone in the Hamakua Volcanic Series. Elev. 6470 ft. The hill gives its name to Pohakuloa Camp, Pohakuloa Ranger Station, Pohakuloa Training Area.
Lexicology:	pōhaku-loa. PEM: long stone.

AGENDA ITEM #3

Source: USGS 1956; Stearns and Macdonald 1946.

Quadrangle: 10-22

North: 337,450

East: 486,550

Coordinates: 19.759483 / -155.536401

Catalog No.: 344.46.020

AGENDA ITEM 5



UNITED STATES BOARD ON GEOGRAPHIC NAMES

POLICIES AND GUIDELINES FOR THE
STANDARDIZATION OF
UNDERSEA FEATURE NAMES

Approved by the U.S. Board on Geographic Names
Advisory Committee on Undersea Features 6 April, 1999
With US BGN edits incorporated 19 July 2005
(Supersedes Guidelines approved 25 October 1978)

I. General

A. International concern for naming undersea features is limited to those features entirely or mainly (more than 50%) outside territorial waters (i.e., twelve nautical miles).

B. "Undersea feature" is a part of the ocean floor or seabed that has measurable relief or is delimited by relief.

C. Names used for many years may be accepted even though they do not conform to normal principles of nomenclature.

D. Names approved by national names authorities in waters beyond national limits (i.e., international waters) should be accepted if the names have been applied in conformance with internationally accepted principles. Names applied within the territorial limits of a state should be recognized by other states.

E. In the event of a conflict, the persons and agencies most directly involved should resolve the matter. Where two names have been applied to the same feature, the older name generally should be accepted. Where a single name has been applied to two different features, the feature named first generally should retain the name.

F. Non-Romanized names should be transliterated according to the system approved by the United States Board on Geographic Names (US BGN). When diacritical marks or special characters are used by the proposing individual or body, these will be incorporated into the ACUF names database.

II. Principles for Naming Features

A. Specific Terms

1. Short and simple terms (or names) are preferable.
2. The principal concern in naming is to provide effective, conveniently usable, and appropriate reference; commemoration of persons or ships is a secondary consideration.
3. The first choice of a specific term, where feasible, should be one associated with a geographical feature; (e.g., Aleutian Ridge, Aleutian Trench, Peru-Chile Trench, Barrow Canyon).
4. Specific names may be used to commemorate ships or other vehicles, expeditions, or scientific institutes involved in the discovery of the feature, or to honor the memory of famous persons. Where the ship name is used, it should be that of the discovering ship, or if that ship has been previously used for a similar feature, it should be the name of the ship verifying the feature, e.g., San Pablo Seamount, Atlantis II Seamounts.

5. If names of living persons are used, surnames are preferable, and they should be limited to those who have made an outstanding or fundamental contribution to ocean sciences.

6. Groups of like features may be named collectively for specific categories of historical persons, mythical features, stars, constellations, fish, birds, animals, etc. Examples include the following:

Group: Musicians Seamounts

Constituent features: Bach Seamount, Brahms Seamount, Schubert Seamount

Group: Electricians Seamounts

Constituent features: Volta Seamount, Ampere Seamount, Galvani Seamount

Group: Ursa Minor Ridge and Trough Province

Constituent features: Suhail Ridge, Kochab Ridge, Polaris Trough

7. Descriptive names are acceptable, particularly when they refer to distinguishing characteristics (e.g., Hook Ridge, Horseshoe Seamounts).

8. Names of well-known or large features that are applied to other features should have the same spelling.

9. The specific element of the undersea feature's name should not be translated from the language of the nation providing the accepted name.

10. The use of acronyms in undersea feature names is discouraged, but may be considered, if the suggested name is otherwise deemed appropriate.

11. Inappropriate names include those that are:

- (A) applied to similar features elsewhere;
- (B) full names or unwieldy titles of individuals, institutions or organizations;
- (C) commercial products or their manufacturers;
- (D) friends or relations of the -proponent;
- (E) of the individual proponent;
- (F) derogatory or offensive;
- (G) of persons occupying high offices who have not contributed directly and significantly to the knowledge of the oceans or undersea topography.

B. Generic Terms

1. Generic terms should be selected from the attached list of definitions to reflect physiographic descriptions of features.

2. Generic terms applied to features appearing on charts or other products should be in English. In those cases where feature names containing foreign generic terms have achieved international currency, that form should be retained.

III. Procedures for Naming Features

A. Individuals and agencies applying names to unnamed features in international waters should adhere to internationally accepted principles and procedures.

B. The attached form is recommended as a model for new proposals.

C. Prior to the naming of a feature, identification of its character, extent, and position must first be established sufficiently for identification. Positions should be given in terms of geographic coordinates. Whenever possible, newly discovered features should have geographic positions determined by GPS. Care must be taken to

ascertain that features are unique, and not simply previously named features for which incorrect geographic positions have been recorded. If modern navigation techniques more accurately determine the position of a previously approved feature, the file should reflect the new position as the most accurate site.

D. New names must be approved by ACUF and US BGN before being published.

E. If ACUF has reason to change the name of a feature it approved originally, information explaining the change should be circulated to other concerned authorities. If there is opposition to a name change, the involved authorities should communicate with each other to resolve the question.

F. ACUF will regularly publicize its names decisions.

G. It is recognized that official national and unofficial international authorities for the naming of Undersea Features exist, such as GEBCO SCUFN (General Bathymetric Chart of the Oceans, Subcommittee on Undersea Feature Names), which is also the *de facto* authority for the Intergovernmental Oceanographic Commission (IOC) Ocean Mapping Series. Although some of GEBCO SCUFN feature-description standards and rules differ in wording from those of ACUF consideration for acceptance of other-authority-approved names should be granted by ACUF. In cases where a conflict in feature names, types or descriptions appears, evidence for prior usage in published literature or maps should be utilized to determine the correct name of the feature.

H. It is recognized that some national, international and unofficial or *ad hoc* naming authorities do not regularly meet or routinely inform ACUF of their undersea feature discoveries and/or naming thereof. Efforts should be made to identify and correspond with these authorities to inform them of ACUF decisions.

I. Newly discovered and proposed feature names identified by individuals, institutions or agencies, which fall outside of territorial limits but within established EEZ claims by nations under United Nations Convention on the Law of the Sea 1982, (UNCLOS-82) should be identified and referred to naming authorities in those nations and GEBCO SCUFN. This procedure in no way acknowledges national or international claims by any nations under UNCLOS-82, or accepts international boundaries set under that Convention, but will be in force as a courtesy to other toponymic bodies.

United States Board on Geographic Names
Undersea Feature Terms and Definitions

Feature Designation Name	Definition	Feature Designation Code
apron	a gentle slope, with a generally smooth surface, particularly found around groups of islands and seamounts	APNU
bank	an elevation, typically located on a shelf, over which the depth of water is relatively shallow but sufficient for safe surface navigation	BNKU
banks	elevations, typically located on a shelf, over which the depth of water is relatively shallow but sufficient for safe surface navigation	BKSU
basin	a depression more or less equidimensional in plan and of variable extent	BSNU
*bench	a small terrace	BNCU
borderland	a region adjacent to a continent, normally occupied by or bordering a shelf, that is highly irregular with depths well in excess of those typical of a shelf	BDLU
canyon	a relatively narrow, deep depression with steep sides, the bottom of which generally has a continuous slope	CNYU
canyons	relatively narrow, deep depressions with steep sides, the bottom of which generally has a continuous slope	CNSU
continental rise	a gentle slope rising from oceanic depths towards the foot of a continental slope	CRSU
cordillera	an entire mountain system including the subordinate ranges, interior plateaus, and basins	CDAU
deep	a localized deep area within the confines of a larger feature, such as a trough, basin or trench	DEPU
escarpment (or scarp)	an elongated and comparatively steep slope separating flat or gently sloping areas	ESCU
fan	a relatively smooth feature normally sloping away from the lower termination of a canyon or canyon system	FANU
*flat	a small level or nearly level area	FLTU
*fork	a branch of a canyon or valley	FRKU
*forks	branches of a canyon or valley	FRSU
fracture zone	an extensive linear zone of irregular topography of the sea floor, characterized by steep-sided or asymmetrical ridges, troughs, or escarpments	FRZU
* furrow	a closed, linear, narrow, shallow depression	FURU
gap	a narrow break in a ridge or rise	GAPU
*gully	a small valley-like feature	GLYU
hill	an elevation rising generally less than 500 meters	HLLU
hills	elevations rising generally less than 500 meters	HLSU
hole	a small depression of the sea floor	HOLU
knoll	an elevation rising generally more than 500 meters and less than 1,000 meters and of limited extent across the summit	KNLU
knolls	elevations rising generally more than 500 meters and less than 1,000 meters and of limited extent across the summits	KNSU
*ledge	a rocky projection or outcrop, commonly linear and near shore	LDGU
levee	an embankment bordering a canyon, valley, or seachannel	LEVU
Feature	Definition	Feature

AGENDA ITEM #5

Designation Name		Designation Code
median valley	the axial depression of the mid-oceanic ridge system	MDVU
*mesa	an isolated, extensive, flat-topped elevation on the shelf, with relatively steep sides	MESU
moat	an annular depression that may not be continuous, located at the base of many seamounts, islands, an other isolated elevations	MOTU
* mound	a low, isolated, rounded hill	MNDU
mountain	a well-delineated subdivision of a large and complex positive feature	MTU
mountains	well-delineated subdivisions of a large and complex positive feature	MTSU
peak	a prominent elevation, part of a larger feature, either pointed or of very limited extent across the summit	PKU
peaks	prominent elevations, part of a larger feature, either pointed or of very limited extent across the summit	PKSU
pinnacle	a high tower or spire-shaped pillar of rock or coral, alone or cresting a summit	PNLU
plain	a flat, gently sloping or nearly level region	PLNU
plateau	a comparatively flat-topped feature of considerable extent, dropping off abruptly on one or more sides	PLTU
platform	a flat or gently sloping underwater surface extending seaward from the shore	PLFU
province	a region identifiable by a group of similar physiographic features whose characteristics are markedly in contrast with surrounding areas	PRVU
*ramp	a gentle slope connecting areas of different elevations	RMPU
range	a series of associated ridges or seamounts	RNGU
*ravine	a small canyon	RAVU
reef	a surface-navigation hazard composed of consolidated material	RFU
reefs	surface-navigation hazards composed of consolidated material	RFSU
ridge	a long narrow elevation with steep sides	RDGU
ridges	long narrow elevations with steep sides	RDSU
rise	a broad elevation that rises gently, and generally smoothly, from the sea floor	RISU
saddle	a low part, resembling in shape a saddle, in a ridge or between contiguous seamounts	SDLU
seachannel	a continuously sloping, elongated depression commonly found in fans or plains and customarily bordered by levees on one or two sides	SCNU
seachannels	continuously sloping, elongated depressions commonly found in fans or plains and customarily bordered by levees on one or two sides	SCSU
seamount	an elevation rising generally more than 1,000 meters and of limited extent across the summit	SMU
seamounts	elevations rising generally more than 1,000 meters and of limited extent across the summit	SMSU
shelf	a zone adjacent to a continent (or around an island) that extends from the low water line to a depth at which there is usually a marked increase of slope towards oceanic depths	SHFU
Feature Designation	Definition	Feature Designation

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Name		Code
shelf edge	a line along which there is a marked increase of slope at the outer margin of a continental shelf or island shelf	EDGU
shelf valley	a valley on the shelf, generally the shoreward extension of a canyon	SHVU
shoal	a surface-navigation hazard composed of unconsolidated material	SHLU
shoals	hazards to surface navigation composed of unconsolidated material	SHSU
sill	the low part of a gap or saddle separating basins	SILU
slope	the slope seaward from the shelf edge to the beginning of a continental rise or the point where there is a general reduction in slope	SLPU
spur	a subordinate elevation, ridge, or rise projecting outward from a larger feature	SPRU
tablemount (or guyot)	a seamount having a comparatively smooth, flat top	TMTU
tablemounts (or guyots)	seamounts having a comparatively smooth, flat top	TMSU
terrace	a relatively flat horizontal or gently inclined surface, sometimes long and narrow, which is bounded by a steeper ascending slope on one side and by a steep descending slope on the opposite side	TERU
tongue	an elongate (tongue-like) extension of a flat sea floor into an adjacent higher feature	TNGU
trench	a long, narrow, characteristically very deep and asymmetrical depression of the sea floor, with relatively steep sides	TRNU
trough	a long depression of the sea floor characteristically flat bottomed and steep sided, and normally shallower than a trench	TRGU
valley	a relatively shallow, wide depression, the bottom of which usually has a continuous gradient	VALU
valleys	relatively shallow, wide depressions, the bottom of which usually has a continuous gradient	VLSU

AGENDA ITEM 6

AGENDA ITEM #6

Hawai'i Board on Geographic Names

Island of Hawai'i

Selected Feature Names

10/05/2022

Status Key: 1 = Not Hawaiian; 2 = Not Reviewed; 3 = More Research Needed; 4 = HBGN Corrected; 5 = Already Correct in GNIS; 6 = Name Change; 7 = HBGN partial correction, exhausted available reference and research resources

Status	Feat ID	Feature Name	Feature Class	Corrected Name	Source	Notes	USGS Quad Name
3	365130	Kipuka Nahuaopala (historical)	Populated Place			PNH: not listed	Naalehu
3	361314	Kipuka Paluli	Area			PNH: not listed	Puulehua
3	361316	Kipuka Pau	Lava			PNH: not listed	Kahuku Ranch
3	361317	Kipuka Peehi	Lava			PNH: not listed	Puookeokeo
3	361318	Kipuka Pele o Iki	Lava			PNH: not listed	Puookeokeo
3	361321	Kipuka Pueo	Lava			PNH: not listed	Pohue Bay
3	361322	Kipuka Puu Kou	Lava			PNH: not listed	Kahuku Ranch
3	361323	Kipuka Waiahuli	Lava			PNH: not listed	Pohue Bay