



Ham Radio Hawaii Newsletter

#2, Issue 0902

KH6OWL

September 2020

Welcome to the only newsletter for Amateur radio across all the Hawaiian Islands. Please send in any events or topics and be a contributor for your islands.

Upcoming Events:

[Hawaiian Islands Grid Madness 2020:](#)

Sunday Sept 20th from 1300 to 1700 W.

Upcoming Amateur Radio Classes:

Oahu: Each Monday starting September 28th going through November 9th. This is a EARC Honolulu class and the POC is Steve, KH6WG.

<http://www.earchi.org/education/>

In the 7th Session class that Steve teaches it is all about New Hams. Topics covered are ARRL, ARES, RACES, Distracted Driving, Vanity Call Signs, Printing official copy of licenses, Programming, What is a Net, and How to use a handheld.

The **Big Island** will hold a Virtual Tech License class starting October 20th. Contact Doug Wilson, KH7DQ, at douscelle@aol.com. Classes will be twice a week over a 6-week period starting at 6:30 PM via Zoom.

Are you looking to take the FCC Amateur Radio exam? You can register at this website.

<http://hameducation.org/register/>

From the ARRL Pacific Section Manager: The Hawaii team providing video supervised Internet Amateur Radio licensing exams just passed the 100-candidate mark on August 10th with a session testing ten candidates simultaneously. Candidates from all Hawaiian Islands, Puerto Rico, Guam and US military bases in Okinawa have had an opportunity to sit for licenses. The high pass rate of 95% is most likely due to candidates having time to prepare for the exam. Success is due to the team of volunteer examiners that contribute their time. ZOOM meeting video lends itself to handling three candidates per session and each requires three VEs. The 1 to 1 ratio of candidates to VEs makes planning sessions important. Fortunately, the team of 15 VEs has volunteers from Oahu, Maui, the Big Island, California, and the Pacific. Frequently hams from, Okinawa and Guam are helping license and upgrade hams in Hawaii. For information on how tests are conducted click on the link at <https://tinyurl.com/y5sdcf52>

Beginners Corner

SIMPLEX:

In the amateur radio context, simplex operation means the radio stations are communicating with each other directly, on the same frequency. Both stations take turns transmitting and receiving on the same frequency with no repeater or other device in between.

Duplex – Duplex operation means that a radio station transmits on one frequency and receives on a different frequency.

Full Duplex – Operating duplex with the ability to transmit and receive *simultaneously*.

Half Duplex – Operating duplex but having to switch between transmit and receive.

Around the Islands

Oahu: The Emergency Amateur Radio Club website can be found by clicking [here](#).

Maui: [Repeaters on Maui](#)

The Maui Amateur Radio Club website can be found by clicking [here](#).

Big Island: [Repeaters on the Big Island](#)

From the Big Island Amateur Radio Club, KOBAD reports on a BBC episode that discusses the invention of Morse Code. Les found it quite interesting, and recommends it to others: [BBC CW](#)

Stan, AH6KO, shares info about a local CW (Morse Code) opportunity: Hawaii hams who want to practice making CW contacts on the radio can QSO with Lloyd, KH6LC or me, Stan, AH6KO. We are on the 40meter band twice each week: KH6LC Mondays 19002000 HST 70357045 KHz AH6KO Thursdays 19002000 HST 70357045 KHz We call "CQ CWA" at about 20 words per minute. Call us at whatever speed you want, and we will do an easy contact with you! "CWA" is for CW Academy, a training program from the CWOPs Club. More info at <https://cwops.org>. The Big Island Amateur Radio Club website can be found by clicking [here](#).

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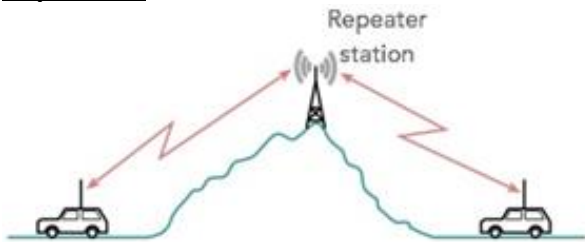
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Kauai [Repeaters on Kauai](#) The Kauai Amateur Radio club website can be found by clicking [here](#).

Lania: [Repeaters on Lanai](#)

Molokai: [Repeaters on Molokai](#)

Repeaters:



The Honolulu EARC club has the several amateur radio repeaters operating on Oahu. These repeaters provide club members with excellent opportunities for a wide variety of technical experiences and flexibility. They also provide redundancy across the City & County of Honolulu in case of emergencies.

EARC Repeaters or Linked Repeaters:

- 146.660 - (PL 88.5)
- 146.800 - (PL 88.5)
- 146.800 - (PL 88.5)
- 146.640 - (PL 103.5)
- DMR 444.100 +5Mhz Color Code 4
- DMR 444.500 +5Mhz Color Code 5

DEM Repeaters:

- 146.880 – (PL 88.5)
- 146.980 – (PL 88.5)
- 146.760 –

A list of club or DEM repeaters can be found at:

http://www.earchi.org/rptr_repeater.html

If you like a map look you can find that at www.hamradiohawaii.com and click on the island you are interested in.

YouTube Video:

Amateur Radio – [a 21st Century Hobby CQ or Pounce: an FT8 Experiment!](#)

In the News:

[Peruvian Radio Amateur helps air ambulance that lost communication](#)

[BBC story on The secret Soviet Radar – The Woodpecker](#)

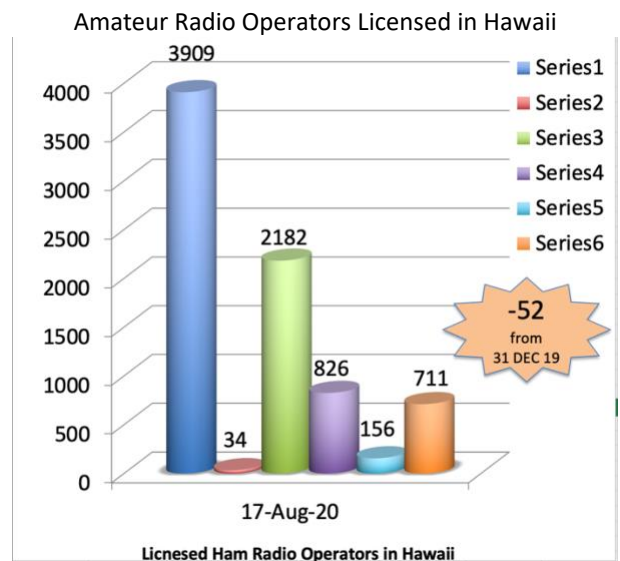
My review of [Hypnosis and learning Morse code](#).

ARRL Membership Benefits. ARRL's Lifelong Learning program offers a variety of learning opportunities for new, current and prospective amateur radio operators. The focus is on creating an amateur radio learning "hub" that provides instructional topics for a wide range of users and interests, including recently licensed amateurs looking for help getting started, experienced operators seeking to expand their skills, and non-licensed individuals wanting to learn more about ham radio.

You can even download and use old webinars for club stuff as an ARRL affiliated club. Most of these courses are free and cover many topics from Parks on the Air, Summits on the Air activations to transmitter hunting and so much more. If you are a member you can view any of the past webinars and register for upcoming events.

You have to sign into your ARRL account or the link will not work.

<http://www.arrrl.org/lifelong-learning>



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HAMSPEAK

Simplex

In radio-amateur use, the term “simplex” is used to refer to bi-directional communication on a single frequency – distinguishing this mode of operation from the use of repeater stations which receive on one frequency while simultaneously re-transmitting messages on another.

Sign up for text or email alerts when the ISS passes over your location.

Heads Up Alerts

Get email or text alerts when the space station is flying over.

 Sign Up

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<http://www.hamradiohawaii.com>

<https://www.facebook.com/groups/HamRadioHawaii/>

<https://twitter.com/hamradiohawaii>

<https://www.instagram.com/hamradiohawaii/>

<https://www.youtube.com/channel/UC0Zn8N7aGnJS9>

[yuVOCrPc9Q](https://www.youtube.com/channel/UC0Zn8N7aGnJS9)

<https://www.qrz.com/db/KH6OWL>

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