



November 2023

THE BIG ISLAND HAMGRAM

The newsletter of the Big Island Amateur Radio Club

THE PRESIDENT'S CORNER



Alan Okinaka,
KH6ATU

World peace and amateur radio

In the July Hamgram, I made a passing remark about how amateur radio could be a driver towards world peace. This may have a touch of naivete, but maybe it is time to try other ways to have a peaceful world because what we are doing today is not working.

Many years back, while working on a research project at the University of Hawai'i at the Manoa Campus, I met Andre from Gdansk, Poland. He was an exchange student assigned to our project.

Before meeting Andre, I had visuals of Gdansk being a city with dark streets, always wet after a cold rainfall, and unfriendly people stooped over shuffling by without acknowledging each other. This visual probably came from the many photos I saw about World War II of this city.

Then through several conversations, I saw Gdansk through Andre's eyes. I got to know his wife and children by name and age, what they did on weekends and vacations, when they ate their meals, what they ate at

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David Miller, KH6CZ, chair of the Public Service Communication Committee, discusses BIARC assistance at series of school 'Science Nights.'

October meeting offers a wealth of facts — current and vintage — as well as updates on club endeavors

From tube-type equipment in Hawaii's early amateur radio repeaters to the linking of phone texting and email to transmit messages relayed via HF — discussion at the club's Oct. 8 meeting touched on ham-related snippets from the last 60 or so years in Hawaii.

That text-email setup via Winlink fills the gap when phone and Internet service are knocked out by a crisis in Hawaii.

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Bob Schneider, AH6J, served with the USAF at Cape Canaveral during the Cuban Missile Crisis.



AH6J offers a short history of BIARC, and takes us on a walk down memory lane through the annals of amateur radio in Hawaii nei.



Joseph Rosenbaum, WH6JOE, outlines plans for the club's Oct. 28 CQ World Wide SSB DX Contest at Kuhio Kalaniana'ole Park in Hilo.



Please sign up for 2023 BIARC Potluck Christmas Party!

Aloha, BIARC members, family and friends. Please join us again for the annual Big Island Amateur Radio Club Potluck Christmas Party, on Sunday, December 10 at 1 p.m. This year's gathering will be at the Kamana Senior Center at 127 Kamana Street in Hilo.

We're again using SignUp.com, an online coordination tool, to help us organize the event. Please click the link below to learn more and sign up to participate. Mahalo!

We need to know who's coming and what food dishes to expect, so please sign up by November 30, letting us know the number of attendees in your group and types of potluck items you are bringing. The club has the room reserved from noon to 4 p.m. Setup will be from noon to 1 p.m., with the party from 1-3:30 p.m., and cleanup from 3:30 -4 p.m.

Note: It's important to use your personal email address to sign in. We discovered last year that only one signup per address is allowed. BIARC Listserve, as a group entity, therefore won't work.

Here's how it works in 3 easy steps:

1. Click this link to go to our invitation page on SignUp: <https://signup.com/go/DAPOSeD>
2. Enter your email address: (You will NOT need to register an account on SignUp)
3. Sign up! Choose your spots - SignUp will send you an automated confirmation and reminders. Easy!

Note: SignUp does not share your email address with anyone. If you prefer not to use your email address, please contact me and I can sign you up manually.

73,
Leigh, WH6LC

October meeting overview

From Page 1



Tony Kitchen, WH6DVI, discusses the ins and outs of ARES and the many ways hams can volunteer to help.

As we all know: "When all else fails, there is amateur radio."

In this case, a message is relayed via a high-frequency connection to an RMS gateway station on the continental U.S. that IS connected to the Internet, explained William Polhemus, NH6ET.

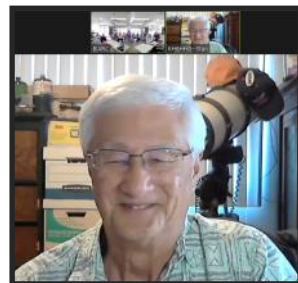
William discussed this modern process in connection with a talk by Tony Kitchen, WH6DVI, about the Oct. 14 statewide Amateur Radio Emergency Service (ARES) Simulated Emergency Test (SET). Tony gave a rundown of the activity, emphasizing the importance of this exercise for emergency communications.

ARES, a function of ARRL, offers help to more than 150 entities dedicated to disaster response. One example is Team Rubicon, an international non-government organization (NGO) launched after the 2010 Haiti earthquake (TeamRubiconUSA.org).

There are many, many ways for hams of varying experience and using a wide range of radio equipment to become involved. ARES does not tell you what modes to use, Tony emphasized: "Whatever works for you is fine."

"ARES covers a huge swath of electromagnetic spectrum," he said.

Tony encouraged hams of all skills to participate in the Oct. 14 SET. The National Weather Service hurricane scenario will be run on Winlink, with voice operators also encouraged to pass messages by connecting with "hub" stations with Winlink capabilities. He gave tips on how to get ready for the SET and how to prepare for submitting the two practice messages, one situation report and one "health and welfare message."



Stanley Yamato, KH6HHG, joined the meeting on Zoom from his Makawao, Maui QTH.



AH6J at Kulani repeater.



President Alan Okinaka, KH6ATU, invites input for Nov. 12 general membership business meeting.



Paul Ducasse, WH7BR, helps clean up a repeater site in this image from the AH6J archives.

Continued on next page

THE PRESIDENT'S CORNER



From Page 1

meals, Andre's wife's profession, their pet's name, and their friends.

And more, because I am a *niele* champion.

Suddenly, Gdansk was not a dreary and dark city.

The streets were lit with trees and flowers bristling to a breeze and people greeted each other and occasionally stopped to chat. I could hear laughter and soft warm voices from what I visualized.

I welcomed this change and wondered how many of us and how often we view another country in negative ways because we don't know much about that country.

Each country has people, but too often we don't see the people because we only hear and see the conflicts between the country's leaders and governments.

So, this is where amateur radio could have a role in reducing the negative views of other countries.

Albeit short conversations, ham operators from various countries will connect with each other and describe who they are by name, maybe a family, a dog barking in the background, a plan to go on a picnic or visit a museum on the weekend, and maybe a special meal waiting for them and therefore the need to 73.

We as amateur radio operators will get to know other countries not by their political views and international issues, but by the name of a person and a bit about his life.

And, as we share what we learned and experienced, the negatives that discolor a country will slowly melt away.

I sincerely believe this can work.



KH6EJ, the Big Island Amateur Radio Club's call sign, originally was held by William Seymour, SK.

October meeting overview

From Page 2

In a disaster, how do you let loved ones know you're okay, when the phones and Internet aren't working? The answer, Tony said, is "any means possible" And ham radio is a good tool.

Tony offered a valuable piece of advice: "know your phonetics." This is vital when you're giving your call sign on the air, and this skill also is needed for spelling some words when passing messages. And know your Maidenhead grid square and the decimal latitude and longitude of your QTH.

Tony encouraged anyone interested to go to the website, groups.io, and sign up for the Hawaii and Big Island ARES email message groups. It's free and there's lots of info to be had.

Joe Rosenbaum, WH6JOE, invited everyone to attend the BIARC-sponsored event on Oct. 28 at Kuhio Kala-niana'ole Park in Hilo. It is billed as "the biggest and most exciting amateur radio contest of the year," The CQ World Wide SSB DX Contest (cqww.com).

David Miller, KH6CZ, chair of the BIARC Public Service Communications Committee, updated members on the success of the PSCC volunteers' help with the "Science Night" series at Hilo schools coordinated by the Hawaii Science and Technology Museum. Amateur radio has been shared with many keiki and their parents in a fun, educational way. There are two more Science Nights on tap: Nov. 3 at Waiakeawaena Elementary and Dec. 13 at Waiakea Elementary.

David said additional help would be very welcome, in-person and on the BIARC repeater to talk to the students and answer their questions. He thanked all who have been assisting with the fun and meaningful outreach effort.

Continued on next page

Ever wonder
how hams keep
busy in their
spare time ...?

Ken Boyer of the Taco Shop in Volcano snapped this action shot of fellow community volunteer Doug Wilson, KH7DQ, portraying The Zombie at the October 27-28 Halloween-themed Spooky Trails event at the Volcano Art Center. And, nope, that's not a handy-talkie



in Doug's left hand, that's the remote control for his ambience-creating portable "fog machine."

As Section Manager, AH6J nominated club stalwart Paul Lieb, SK, for this prestigious award presented at the 1999 Dayton Hamvention.



October meeting overview

From Page 3

60 meter comment deadline extended!

Dear Pacific Division members:

In case you haven't seen the notice on the ARRL website, the FCC has extended the public comment period on the 60 meter NPRM until 11/28/23, with replies to comments due 12/28/23.

Some members have reported problems when filing comments. It seems as though there are transient failures of the FCC filing system. You may have to try again the next day.

Here again is the link to the ARRL information page on the 60 meter filing:

<https://www.arrl.org/60-meter-band>

I'm sorry to create more noise in your inboxes, but this is an important matter and we really need your assistance.

Thank you for being a member and thank you for participating in shaping the future of Amateur Radio.

ARRL Pacific Division Director
Kristen A McIntyre, K6WX
k6wx@arrl.org

The final speaker of the afternoon was introduced by President Alan Okinaka, KH6ATU. It was Bob Schneider, AH6J, who arrived in Hawaii in 1964, "straight out of the Air Force." Licensed in 1957 while in high school, Bob brought his amateur radio skills and energy to his new home in Hawaii, starting on Oahu, then later settling on Hawaii Island.

Over the decades, Bob served as an officer and director of BIARC countless times, and for many years was the ARRL Section Manager for Hawaii.

He showed a variety of photos during his presentation -- equipment in the field and hams in various settings, including one of Ron Hashiro, AH6RH, who Bob credits for compiling and sharing ham history in Hawaii. There's lots to learn about the past, as well as upcoming amateur radio events, on his website, <https://qsl.net/ah6rh>.

From the state's first repeater, on the back of Diamond Head, to an interisland network once linking the islands, Bob traced the ups and downs and key players on the Hawaii ham front over the years.

He recalled how a couple bottles of oxygen added to the supply bins at the last minute saved "the original expedition to the top of Haleakala." That repeater was to be installed at 10,000 feet above sea level, and the emergency oxygen saved the day.

Then it was on to Mauna Loa, and then to Pepeekeo -- the volunteers were on a mission to plant repeaters.

Our BIARC call sign honors dedicated isle ham William Seymour, KH6EJ, SK.



AH6J applauds Ron Hashiro, AH6RH, for his years of dedication to compiling Hawaii ham history. Check his website, <https://qsl.net/ah6rh>.



Sharing the marvels of ham radio with elementary students — and moms and dads — in Hilo

Mark Watanabe, WH6FSA, interacts with interested students at the November 3 “Science Night” at Waiakeawaena Elementary School.

Photos by David Miller, KH6CZ

David Miller, KH6CZ, chair of the BIARC Public Service Communications Committee, reports another successful event in the “Science Night” series at Hilo schools coordinated by the Hawaii Science and Technology Museum.

Amateur radio has been shared with many keiki and their parents in a fun, educational way. The most recent event was November 3 at Waiakeawaena Elementary School. The final “Science Night” of the year will be on December 13 at Waiakea Elementary.

David said additional help would be very welcome, in-person and on the BIARC repeater to talk to the students and answer their questions. He thanked all who have been assisting with the fun and meaningful outreach effort. (Crew on November 3: David Miller, KH6CZ; Mark Watanabe, WH6FSA; Joseph Rosenbaum, WH6JOE; Jim Tatar, WH6EMN.)



SKYWARN Recognition Day December 1-2

The National Oceanic and Atmospheric Administration (NOAA) and the National Weather Service (NWS) are finalizing plans for 2023 SKYWARN Recognition Day events.

The observance is held annually on the first Friday and Saturday of December, so this year it will be on Friday, December 1, and Saturday, December 2.

SKYWARN Recognition Day was developed in 1999 by the NWS and ARRL. It celebrates the contributions that volunteer SKYWARN amateur radio operators make to the NWS.

During the event, SKYWARN operators visit NWS offices and contact other radio operators across the world. More details about the event will be posted on the [SKYWARN Recognition Day](#) and [ARRL websites](#).

Success of SET depends on many operators, working together

All hams welcome; lots of help offered to get you started in helping with community safety exercise

By Tony Kitchen, WH6DVI

Thank you to everyone who participated in the 2023 SET.

I appreciated the use of the FLDigi as an additional digital mode to Winlink. It was successfully used, and messages can indeed be forwarded out via email or text messaging. However, at present, the forwarding is a manual process. I support its use because I know stations have previously tested it and it works. Having many "tools" in our tool belt is a good thing. FLDIGI has modes that will get out in the worst of band conditions.

Although the focus has been on Winlink, I must point out that an exclusive focus on ONLY Winlink tends to alienate a group of experienced radio operators, who would otherwise participate. We need our approach to be inclusive of all bands and modes because we NEED more participation, not less. However if you are new to digital modes, not a tinkerer, and don't consider yourself a computer enthusiast, then stick with the mainstream path of Windows and Winlink RMS Express. (Linux isn't for everyone.)

Our approach also must continue to include training and practice with passing voice message traffic. Everyone starts with VOICE modes. It is the lowest common denominator. VHF/UHF voice is where the NEW operators will always start, due to the low barriers to entry. We want to continue to bring in new operators, even when all they have is a cheap HT. We must face the fact that many new operators will never graduate to digital modes.

I've run into many people who might use only VHF/UHF, mainly with an HT as a part of the CERT S&R team, medical unit, Team Rubicon, or other volunteer effort where Amateur Radio is helpful, but NOT their primary focus. Voice ops will ALWAYS have a place in EMCOMM.

Yet it is also important to encourage stations to graduate to HF and digital modes so that we can have hubs in each community that can complete the communications circuits and move messages forward to more distant locations. Structured, geo-located digital messages sent via agency-specific forms allow served agencies to directly import information into their GIS mapping and database systems.

This is happening across the USA and will be adopted to a greater extent in Hawaii. However, I have observed that the effort to focus ONLY on Winlink has resulted in the fragmentation of the EMCOMM community. It has caused many people to drop out of our EMCOMM activities entirely. Although Winlink remains an important mode, we cannot neglect other modes.

I have had great results with my Linux units that run 24/7/365. The Raspberry PI 3 & 4Bs I use have never let me down. The only challenge is after many years the microSD card can wear out. If one proactively replaces it after 3 years you can avoid that. It is inexpensive, and the former SD card can be kept on standby as an emergency backup. Everything has its place. I use the Raspberry PIs as repeater controllers, to run the AREDN/PBX software, and to experiment with new modes.

Windows 10 is indeed complex and updates often, and Windows 11 is worse.

There are a few simple approaches that are helpful:

1. Start from scratch by installing a clean install of Windows, and choose the region/time/currency option of "English (World)." See <https://www.youtube.com/watch?v=mZm6mY3I7J4>

2. Start from scratch with a tiny optimized version of Windows. (Custom ISO) Example: Windows 10 lite. Tiny 10, etc. (Check out Ghost Spectre on YouTube.)

3. "Debloat" and optimize your existing installation:

1. Option 1: See <https://www.youtube.com/watch?v=hdrsHMko17k>

2. Option 2: https://www.youtube.com/watch?v=9a_BHAMrdsW

3. There are lots of other options. Be cautious about downloading custom scripts (aka Powershell) on GitHub. Many work very well, but check out end-user comments and reviews, as you are trusting the developer's code to make "under the hood" changes to Windows. I have had good luck with scripts that string together and automate multiple popular and somewhat mainstream software tools. There are several that allow you to check for and remove malware, debloat and optimize your OS, and disable Windows automatic feature updates, all in one process.

4. Have you purchased a New Windows 11 Computer? Secure and optimize it:

<https://www.youtube.com/watch?v=6Tu43UPU6eM>

You can also turn off Windows updates entirely via Microsoft's GPEDIT tool, which can be useful for certain dedicated situations, such as running a Winlink RMS Gateway, or a computer used only for Winlink and not used as your "daily driver" computer. There are pros and cons to this approach, and it should only be done in appropriate circumstances. (Check out videos on YouTube.)

A love of tinkering with technology is indeed one of the fundamental aspects of the Amateur Radio Service. If you aren't into that yourself, there are many others in our community who are able to provide you with good advice and solutions.

Ham Bootcamp online

The Nashua Area Radio Society (NARS) will host their Ham Bootcamp program on November 11, 2023, from 10 AM to 6 PM ET. This program includes a series of online demonstrations and tutorials designed to help newly licensed Technician-, General-, and Extra-class license holders get on the air. It's available to all licensed and prospective amateur radio operators. Visit NARS's Ham Bootcamp program web page to register and for additional information.



BIARC hosts Hilo Bay event for CQ World Wide SSB DX Contest

The Big Island Amateur Radio Club joined in “the biggest and most exciting amateur radio contest of the year,” The CQ World Wide SSB DX Contest (cqww.com), on Oct. 28 at Kuhio Kalanianaʻole Park in Hilo. The fun and informative experience was coordinated by Joe Rosenbaum, WH6JOE.

*Photos by Thomas Avila,
WH6GWL, and Hank Kaul,
KH6HAK*



~ 2023 BIARC Roster ~

Executive Board officers and committee chairs

President

Alan Okinaka, KH6ATU

Vice President

James Huntley, WH6FQI

Secretary

Joseph Rosenbaum,
WH6JOE

Treasurer

Tony Kitchen, WH6DVI

At-Large directors

Roy Kunishige, KH6KU, and
David Miller, KH6CZ

KH6EJ station custodian

William Polhemus, NH6ET

Public Service/

Communications Committee

Chair David Miller, KH6CZ

Operating Activities Committee

Chair John Bush, KH6DLK

Education and

Outreach Committee

Chair Leslie Hittner, K0BAD

Programs Committee

Chair James Huntley, WH6FQI

Digital Systems Committee

Chair James Huntley, WH6FQI

Voice Repeaters Committee

Chair William Polhemus, NH6ET

Meeting Refreshments

Committee

Chair Robert Schneider, AH6J

BIARC Hamgram

Editor Leigh Critchlow, WH6LC

Club website: <https://biarc.net>

[HawaiiARES]

Winlink practice

A Winlink practice started May 29. Please check your Winlink account for instructions.

If you are not a member of this net and are interested in joining the Winlink practice, please send me a Winlink message (NH7IT).

To learn more about Winlink, check out

[https://wavetalkers.com/
resources/digital/
winlink.php](https://wavetalkers.com/resources/digital/winlink.php)

-- Van NH7IT ASEC-Pac

BIARC monthly meeting info

The club now gets together on the second Sunday of the month at Kamana Senior Center at 127 Kamana St. in Hilo.

The Executive Board meets at noon, with the membership gathering following at 2 p.m. Zoom

access is provided. Here's the current link:

[https://us02web.zoom.us/j/5181360132?
pwd=bTVFTG5HZXowYVJ6OHpFcEV1dHJRUT09](https://us02web.zoom.us/j/5181360132?pwd=bTVFTG5HZXowYVJ6OHpFcEV1dHJRUT09)

Meeting ID: 518 136 0132 Passcode: 3487388

Volcano VERT Radio Check Net cancelled for November

Coordinator and net controller Doug Wilson, KH7DQ, announces that the monthly Volcano VERT Radio Check Net has been cancelled for November.

The net normally is held on the second Saturday of each month and is open to all licensed amateur radio operators.

In other news of the Volcano Emergency Response Team, Doug notes that VERT is now one of the Resilience Hubs under the Vibrant Hawaii network.

Vibrant Hawaii has 77 business and nonprofit Resilience Alliance Partners that can provide resources (in-kind, services, specialty skills) to support Points of Distribution and community Resilience Hubs in an emergency, and to assist communities in their recovery throughout Hawaii County. The network also has a link to Hawaii County Civil Defense Agency's EOC during emergencies.

The ARRL Foundation is accepting applications for scholarships through January 10, 2024. The ARRL Foundation Scholarship Program supports eligible amateur radio operators pursuing higher education. The ARRL Foundation manages more than 100 scholarships established by generous donors ranging from \$500 to \$25,000. Scholarships will be awarded for the academic year that will begin no earlier than June 2024 following the application deadline. The scholarships vary in eligibility requirements. ARRL Director of Development Kevin Beal, K8EAL, said the scholarships pave the way for amateur radio being a hands-on pathway to STEM careers. "We are so thankful to donors who give to ARRL education programs because they are investing the future of amateur radio. The ARRL Foundation Scholarship Program provides financial support at a critical time for students pursuing a college degree and keeps these young radio amateurs active in the hobby."



Additional information and a link to the application can be found at www.arrl.org/scholarship-program.



BIG ISLAND MONTHLY SIREN NET - November 1, 2023

We appreciate this valuable map, HI-EMA!

I just wanted to recognize Jesse WH6AV for fixing the live roster and connection manager that isolates Big Island from HMASN. He has made many significant contributions to the HAM community with his outstanding knowledge and skills. All of his hard work and dedication has not gone unnoticed.

Mahalo, Jesse, for making the Hawaiian Islands a more connected place!

Grid Madness 2023: The official tally

If you have any general comments or questions,
please access this link: Gridmadness@groups.io

	Callsign	Island	Class	Final Score
1	KH6LOL	Maui	Mobile	3100
2	WH6CPH	Oahu	Mobile	1616
3	WH6CMO	Oahu	Base	1386
4	KH6WG	Oahu	Mobile	1260
5	WH6GVN	Maui	Mobile	1008
6	NH7O	Maui	Mobile	754
7	AH6KO	BI	Base	741
8	KH6MOI	Oahu	Mobile	648
9	KH7CN	BI	Base	627
10	KH6RDO	BI	Mobile	612
11	KH6HH	Oahu	Mobile	570
12	KH6EKD	BI	Mobile	555
13	WH6KM	Oahu	Base	363
14	KH6TU	Maui	Base	348
15	KH6DH	Oahu	Base	280
16	KH6UU	Maui	Base	275
17	KH7O	Oahu	Base	261
18	AH6OO	Oahu	Base	216
19	KH7LM	BI	Base	150
20	WH6EPS	BI	Base	112
21	NH6O	Oahu	HT	110
22	KH6HHG	Maui	Base	96
23	WH6FQQ	BI	Mobile	90
24	AH6H	Oahu	Base	60

BIARC OCTOBER EXECUTIVE BOARD MEETING

BEGIN MEETING:

The meeting was called to order at 12:09 pm on Sunday, October 8 by Board President Alan Okinaka. Venue was the Kamana Senior Center in Hilo.

Quorum: Board members: Alan Okinaka, Jim Huntley, Tony Kitchen, William Polhemus, David Miller and Joseph Rosenbaum.

Secretary's Report and Minutes:

William moved and Tony seconded to approve the September 2023 Executive Board minutes, motion passed.

Treasurer's Report:

No written report and no new income or disbursements since last month's report. Tony discussed the need for the board to use two-factor authentication for the security of our club email and any club online accounts we may have.

Public Service

Communications report: See *addendum*.

David Miller is the BIARC representative to VOAD (Voluntary Organizations Active in Disasters) and Tony Kitchen is the ARES (Amateur Radio Emergency Services) representative to VOAD.

They both are involved in the Lahaina, Maui fire response and recovery and both are on the communications working group for the Lahaina response. The group uses cloud based computer platforms to facilitate the daily coordination calls and a lot of other necessary functions.

Operating Activities:

Quarterly workshops are still in the works. The first session will be on radio repair, time and place to be announced.

The CQWW SSB contest outing will be held Saturday, October 28th at Kuhio Kalaniana'ole Park in Hilo.

Programs:

October had Tony, David and Joe presenting to the membership. November will be the business meeting and December will be the holiday party. In January we will demonstrate the new club radio, a Yaesu 991A with the ATAS antenna system.

Digital Systems:

Jim may have found a home for his Winlink RMS station. David Miller has expressed interest in hosting it at his qth.

Voice Repeaters:

Minimal action as William has been busy with the Lahaina, Maui response and recovery efforts. We received a positive response from the Board of Health discussions William has engaged in, with the board's approval. They have given us permission to co-locate some of our equipment such as repeaters at their locations, subject to approval by the state engineer.

Education and Outreach:

No report.

Old Business:

The swap table has been very active, lots of good equipment at good prices and even some free stuff.

As of now, the meeting place will continue to be at the Kamana Senior center in Hilo until we get further information from William.

So far, there has only been one nominee for three board positions. Please consider becoming a board member.

Voting will be at the November 12th meeting.

Leigh Critchlow has volunteered to organize the holiday party on December 10th at the Kamana Senior Center in Hilo. William moved and Tony seconded to authorize the reimbursement of up to \$250 for the holiday party.

New Business:

Please send Alan any items you would like to put on the agenda for the November business meeting.

This meeting is for the club members to discuss anything club related they would like to. They can make motions to be voted on, offer suggestions, air complaints and otherwise tell the board and the club what they would like to see and do.

Some topics of interest may include general contesting, experimental activities, modes of operation, infrastructure, trainings and education.

Each committee chairperson will present a report of their activities so far this year and upcoming activities.

At some point, we plan to have a larger discussion on the role of amateur radio in modern disaster response.

There being no further business, Alan closed the meeting at 1:14 pm.

The next meeting will be on November 12 at the Kamana Senior Center in Hilo. The board meeting starts at noon and the club activity starts at 2 pm.

Respectfully submitted,
Joseph Rosenbaum,
Secretary

BIARC

Public Service Communications Committee Report – 10/8/23

Outreach

Hawaii Science and Technology Museum

- Night Science Event participation on September 6 at the EB de Silva Elementary School.
- Future events have been accepted for **November 3** at the Waiakeawaena Elementary School and for **December 13** at the Waiakea Elementary School. Mark Watanabe (WH6FSA), Joseph Rosenbaum (WH6JOE), James Tatar (WH6EMS) and David Miller (KH6CZ), the Crew, will represent BIARC and the PSCC. Club Operator(s) will service VHF traffic. The BIARC FT991a transceiver will be employed.

BIARC HVOAD

HVOAD Representative

- Continued Joint maintenance of Master HVOAD Member and email list through the HVOAD Communications Working Group.
- Maui Wildfire Coordination Meeting attended bi-weekly.
- HVOAD Communications Working Group - member, bi-weekly meetings currently.
- Mobile participation in the Maunakea HVOAD Repeater Test Net on the first Saturday monthly, participated Oct 7.
- HVOAD "BIARC" tactical call sign adopted.

Public Service

Siren Test Net

- Monthly Siren Test Net participation - Voice, Winlink, and other reporting.
 - o BIARC members are encouraged to participate and support the net.

Tony Kitchen

ARES, HVOAD, and Other Matters of Importance.

David Miller Oct. 8, 2023

Veterans Day 2023 Special Events

Special event stations will offer many opportunities for amateur radio operators to honor Veterans and make contacts for Veterans Day.

The [K1USN Radio Club](#) will be on the air on Saturday, November 11, 2023, to show their appreciation for those who have served in the military. The club station is located at 85 Quincy Avenue in Braintree, Massachusetts. K1USN will be on the HF bands on SSB, CW, and FT8, and they will begin operating at 1300 UTC and run until 2100 UTC. K1USN QSL cards will be available for all who contact the station.



The American Legion Post 111 Amateur Radio Club, KA4TAL, in South Carolina will also operate on November 11 from 10 AM to 3 PM ET on 14.255, 7.264, 14.275, and 7.185 MHz. Email talarc.ka4tal@gmail.com for electronic contact certificates.

On the same day, the Liberty ship S.S. John W. Brown, [K8JWB](#), will hold National Liberty Ship Day. The event honors those who served in the military and operated, protected, and built all 2,710 World War II Liberty ships, including the Merchant Marines, the Navy Armed Guard, and the female shipyard workers recruited during the war. Operations will be on 14.250, 7.225, and 21.300 MHz, from 0200Z - 0800Z. QSL cards will be available by mail from Project Liberty Ship PO Box 25846 in Baltimore, Maryland.

In Ohio, the [Central Ohio Radio Club](#) will hold their third annual Veterans Day Check-in Net on November 11, beginning at 11 AM ET. They will use their main VHF repeater, W8AIC, on 146.76 MHz (PL tone 123.0 MHz). All amateurs can check in and share stories about their own military experience, or information about family and friends who have served. A special QSL card will be mailed to each ham who contacts the station.

The [Charles County Amateur Radio Club](#) in Maryland will host their special event, The Ghost Fleet at Mallows Bay, on November 11 from 1400Z - 2100Z. Mallows Bay is the site of more than 100 shipwrecks and is now the Mallows Bay-Potomac River National Marine Sanctuary, the first national marine sanctuary in the state of Maryland. K3SMD will operate on 40 (7.270 Mhz), 20, and 15 meters on phone and FT8. QSL cards will be mailed to those who contact the station by Michelle Sack, N3YRZ, at PO Box 1182 in Waldorf, Maryland.

Also on November 11, the United States Marine Corps will celebrate its 248th anniversary (it was officially formed on 11/10/1775) and Veterans Day. The USS Midway CV-41 COMEDTRA amateur radio station, NI6IW, will be on the air from 1700Z - 2359Z on 14.320, 7.250, and 14.070 MHz. The station will use PSK31, D-STAR, the PAPA System repeaters, and a wide-area amateur radio network of 57 additional repeaters on 19 hilltops. These will provide extensive coverage of the Southern California region and beyond. A [QSL card](#) will be available for every operator who contacts NI6IW.

A complete list of special event stations, including Veterans Day stations, is available at www.arrl.org/special-event-stations. Type "Veterans" in the keyword search bar to find the stations.



Results-2023-Hawaii

Big Island hams dominate Hawaii QSO Party

Hawaii QSO party coordinators have posted the results of this year's contest, reports Darrell Asuka, KH6RDO.

"The hams from the Big Island almost had a clean sweep in winning all the categories this year," he announced.

David Culbert, KH6AQ, in Volcano, won the single operator low power category.

Stan Froseth, AH6KO, in Keaau, won the

single operator high power category.

Lloyd Cabral, KH6LC, in Hawaiian Paradise Park, won the multi operator category.

Heather Flewelling, AH7RF, operating in both Kona and Kohala, came in second and third in the QRP category.

Here is the link to Hawaii QSO party results:
<https://www.hawaiiqsoparty.org/results-2023-hawaii/>

Award winners shown in **bold blue**

Hawaii Single Operator, QRP:

Call	QTH	PH	CW	DG	QSOs	Mults	Score
KH6WI	WHN	48	0	847	895	80	210,960
AH7RF	KON	0	65	0	65	27	5,265
AH7RF	KOH	0	29	0	29	15	1,305
AH6DL	HIL	0	0	15	15	11	495

Hawaii Single Operator, LOW power:

Call	QTH	PH	CW	DG	QSOs	Mults	Score
KH6AQ	VOL	0	1037	0	1037	97	301,767
KH6CJJ	MAU	340	365	0	705	91	161,525
WH6EY	KAU	0	0	539	539	85	137,445
KH6RDO	HIL	0	0	470	470	83	117,030
WH6R	HON	106	182	0	288	70	53,060
WH6GVN	MAU	37	22	86	145	48	19,104
NH6SP	KON	0	0	117	117	44	15,444
NH6N	PRL	0	111	0	111	37	12,321
WH6LU	VOL	111	0	0	111	27	5,994
KH6CP	WHN	0	0	20	20	6	360
KH6HT	HON	8	0	0	8	7	112
AH6OO	HON	2	0	0	2	2	8

Hawaii Single Operator, HIGH power:

Call	QTH	PH	CW	DG	QSOs	Mults	Score
AH6KO	HIL	0	1529	0	1529	112	513,744
KH6TU	MAU	334	651	299	1284	121	425,678
KH6KW	PRL	508	0	0	508	74	75,184
WH7T	HIL	79	196	0	275	72	53,712
NH6Y	MAU	355	0	0	355	60	42,600

Hawaii Multi Operator:

Call	QTH	PH	CW	DG	QSOs	Mults	Score	Category
KH6LC	HIL	1236	1184	0	2420	126	759,024	M/M High
NH6JC	KAU	856	0	167	1023	112	247,856	M/S High
KH6CC	VOL	13	200	0	213	52	32,552	M/S High
KH6BB	PRL	32	113	0	145	52	20,956	M/S Low

Operators:

KH6LC: KH6LC NH6V N6KB KH6IM

NH6JC: NH6JC NH6HI NH7YS

KH6CC: KH9AB WH6AWH KH6BMM NH7D KB6EGA KH6ZM

KH6BB: WH6ASW KH6DL

From a related perspective: Selling coolness of radio to teens hooked on Spotify

BY DONNA L. HALPER ·
RADIOWORLD: OCTOBER 23, 2023

It's no secret that the percentage of young people who listen to radio has been on the decline for a decade or more. And while surveys repeatedly show that teens listen to music for at least two hours a day, they no longer tend to listen on terrestrial radio unless they're in the car with their parents. So in a world ruled by YouTube, iTunes and Spotify, can teens learn to believe that radio is kind of cool after all?

That was the challenge Jim Timm, president and executive director of the Omaha-based Nebraska Broadcasters Association, decided to take on. He and members of NBA's board of directors wanted to nurture the next generation of broadcasters. But how?

Timm recalled that the association had conducted a media camp for high school students and that radio was one of the options. He remembered that the students resisted — "Radio's lame; nobody cares about it," one said — but that once they started broadcasting, they had so much fun that it changed their perception.

Timm believed this experience could be replicated. He envisioned a project in which high schools could offer students the opportunity to learn how to broadcast via online streaming.

The idea was to partner with local schools to create stations on which students would choose and announce the songs, record news and sports features, and be heard by a potential audience all over the country. The stations would use automation but could go live in certain circumstances. The state association would lend the gear and software to a school; after students' time with the project ended, the school would ship the gear to the next participating school.

In 2021 Timm ran the idea past Jordan Walton, executive director of the Massachusetts Broadcasters Association, whom he'd met through the National Alliance of State Broadcasters Associations. "I've known him for nine years," Timm says, "and I respect his opinion."

Walton liked the idea and wanted to collaborate. "So many students today are not even aware of broadcasting," Walton says. "We want them to see how much fun doing radio can be. Maybe a few of them will [decide] to be involved with media, where they weren't before."

Thus the initiative became a joint project of two state associations. Timm and Walton began meeting weekly via Zoom. Their work developed into the [High School Radio Project](#).

They chose the online platform (Live365), music

RADIOWORLD



Watertown (Mass.) High School seniors Michael Corbett, foreground, and Henry Broadstone record a break for their lunchtime show "Alternative Lunch with Henry and Mike" in the spring of 2023.

scheduling software (MusicMaster) and automation software (PlayoutOne); and they purchased audio broadcast equipment from BSW, including a Rodecaster Pro audio mixer, two microphones and all necessary cables. They decided they would offer schools a choice of music libraries: alternative rock, country, class rock and top-40. They also provide Benztown Branding to create promotional content and a guide to assist the teacher.

Each association funded its respective radio project, with hard costs in the first year running about \$10,000 in each state. Annual costs to operate each station is another \$5,000 or so.

The schools don't pay anything to participate. The school must provide an internet connection; a PC that can connect to the mixer via USB; audio editing software like free Audacity; and classroom time. The streams are heard on Live365, the HSRP website and Alexa skills.

To pilot the project in Nebraska, Timm thought of a high school teacher named Mark Hilburn, who taught at Millard West High School in Omaha. He is an award-winning journalism teacher and the former president of the Nebraska High School Press Association. Given Hilburn's love of media, Timm believed he would be a good fit.

"He started out with seven students, five boys and two girls," Timm recalls, "and worked [radio broadcasting] into the curriculum. He taught how to use the software and even how to do news." The station debuted in January with the name "The Uproar."

Hilburn says he had no problem getting students interested. "I told them they could be the first in the state to do a high school radio station." And once they learned the equipment, which they found user-friendly, they couldn't wait to participate. "They loved being hands-on, creating the broadcasts."

The more programs they put together, the more enthusiastic they were. "The students liked hearing their voices on the station. And some of the [other] teachers began playing the station in their classroom," Hilburn said.

Students chose and announced the songs and created reports about school news. And while software gave students the flexibility to record breaks in advance, students also wanted an opportunity to broadcast live. In May they went on the air live for an hour, and it was well-received.

In Massachusetts, the program ran last year at Watertown High School near Boston, guided by media teacher Todd Robbins, a veteran local sports broadcaster who had helped build up the number of media courses offered at the school.