



ZERO BEAT

Meeting Notice

The meeting room at the Holyoke Hospital is still on hold at this time. Until this changes, meetings will continue to be held on Zoom. Meeting links are in each month's "From the Presidents Shack"

Welcome New Members

Monique Dumais - (no call)

William Holden - W5JAZ

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Our 74th Year as a Club!

February 2022

From the editor,

Here we are in the middle of winter with temps in the single digits and we just had a classic Nor'easter blow thru here with snow totals ranging from a few inches to a few feet! I truly hope everybody's antennas survived the storm so you can still get on the HF bands and work some contests or that rare DX station!

There's plenty of contests and special event stations to keep everyone busy during these long cold months. Winter Field Day was last weekend and the snow storm put a kink in some plans. The 10-10 Winter Contest is February 4th - 6th too.

Get your projects finished before the upcoming April Show and Tell meeting. Be prepared for your Zoom presentation and have a chance at winning some really great prizes by those who are also participating!

This month's "Show Us Your Shack" features images of the ISS via SSTV from Bob, WA1OJN and his new satellite system. Want to see your shack in Zero Beat? Send in a few photo's and a brief description of your shack to kd1ku@arrl.org.

Is there anything special that you would like to see in future issues of Zero Beat? Drop me an email at kd1ku@arrl.net. The Holidays are in the rear view mirror and I hope to see everyone at the next regular Zoom meeting or STK presentation.

73, Ken - KD1KU

HCRA Reminders

HCRA wants to hold a license class but someone must lead it! Someone needs to step up and volunteer to head-up this class.

In order for us to hold a license class we need someone to organize it as well as the other volunteers. You do not have to run the entire class yourself! For more info contact Larry at HamOp.W1AST@gmail.com

February 4th Zoom Club Meeting

Our February meeting is always the first Friday of the month and as always we have a special presentation not to be missed!

Ken Caruso, WO1N - President of the Yankee Clipper Contest Club

The Zoom meeting begins at 7pm with a social rag chew 1/2 hour. The regular Zoom meeting begins at 7:30pm on Friday, February 4th.



Upcoming Zoom Meetings and Guest Speakers

 <p>September 2021</p>	<p>Everything you need to know to work satellites with equipment you already own by Gary, AA1UE</p>
 <p>OCTOBER 2021</p>	<p>Fred Kemmerer, AB1OC will speak on his plans to be the next NE Director. After his presentation he'll be taking questions from you. This is your chance to ask him your questions... one on one.</p>
 <p>November 2021</p>	<p>November 5th 2021 How you can create and maintain your very own You Tube channel. Plus, How you can start your own POTA Activation by Rob, N1NUG</p>
 <p>DECEMBER 2021</p>	<p>The Annual HCRA Holiday Party at The Steaming Tender Restaurant December 6th, 6:30 to 9:30pm A Night of Food and Fun! (subject to change due to Covid variant)</p>
 <p>JANUARY 2022</p>	<p>All About EMCOMM or Emergency Communications including Go-Boxes and several ways to power off grid operations by Charlie, KC1IKA</p>
 <p>FEBRUARY 2022</p>	<p>Ken Caruso, W01N ~ President of the Yankee Clipper Contest Club will be giving a special presentation about the YCCC and what its all about!</p>
 <p>MARCH 2022</p>	<p>Paul, W1SEX ~ The New England Forest Rally</p>
 <p>April 2022</p>	<p>Show and Tell is back... Enter your projects and win prizes! This has always been one of the very best and most interesting meetings</p>
 <p>MAY 2022</p>	<p>Greg, WA1JXR - Talking about an intro into Antenna Modeling</p>
 <p>JUNE 2022</p>	<p>Elections, Field Day prep and more. Please consider running for a board position, HCRA is better with you involved!</p>

SHARE THE KNOWLEDGE MEETINGS

STK ZOOM MEETING SCHEDULE FOR 2022

Share the Knowledge Zoom meetings have been a success and have been attracting a large audience! These presentations feature a wealth of knowledge and are geared for today's ham radio operator!

Watch the Reflector Email List, Facebook and Zero Beat for the Zoom access link prior to each Share the Knowledge Zoom meetings. Larry, W1AST has been working hard to put all of these STK meetings to-

Mark the following dates on your calendar, whatever you do don't miss a single one!
All STK presentations are held on Tuesday evenings at 7pm

January 18th - 7pm	Featuring the Long Island CW Club	By Rich, K2UPS 
January 25th - 7pm	D-Star - What is it and how to use it	By Cory, KU1U 
February 8th - 7pm	Introduction to FT8 & FT4 Digital Modes	By Dom, N1DM
February 22nd 7pm	Traffic Handling and the Radiogram	By Marcia, KW1U
March 8th - 7pm	JS8call: What it is & what it does for you	By Aaron, KF1G
March 22nd - 7pm	SOTA: All you need to know about it	By Harold, N1FTP
April 5th - 7pm	The W1 QSL Bureau - What it is and what you need to know about it	By Eric, KV1J
April 19th - 7pm	Using Propagation Prediction Software	By Dennis, W1UE



February 2022 - From the Presidents Shack

The cold days of winter are upon us. It's a great time to hunker down and spend extra time in your shack. Let the snow fall, the winds blow, and the radio heat up your shack for some operating fun.

With the sunspot cycle improving. There's more activity on the bands, more bands are open, more DX is being heard. It's a perfect time to get on the air.

There are a ton of operating activities in February from little contests to big ones. You can find the list at www.contestcalendar.com. Some of the operating events are: The Vermont QSO Party, 10-10 International 10m SSB QSO Party, CQ WW RTTY contest, ARRL School Roundup, North American QSO Party, and many more.

10-10 International started many years ago, to create activity on 10m. Everyone who worked ten 10-10 members and submitted the numbers of those 10-10 members, was assigned a 10-10 number. I received mine some 40 years ago as it starts in the 31xxx numbers. Now I think they are in the 70xxx's.

You can earn your number and work the 10-10 contest at the same time. You can use any number of logs like the N3FJP 10-10 QSO Party log (<http://n3fjp.com/1010qsoparty.html>) and go here:

<https://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules>

To learn about the rules and where to submit your log once the event has completed. This is a fun contest that occurs over Feb 5th and 6th from 0001Z to 2359z.

I do hope to hear you on the 10-10 SSB contest.

Continued on page 5

FROM THE PRESIDENTS SHACK CONT'D

The HCRA has two more Share The Knowledge mid-week mini meetings scheduled for February. The first is on Tuesday the 8th at 7:00 PM on Zoom and is an Intro to FT8 and FT4. Our guest speaker is Dom, N1DM. The second one is Tuesday, February 22nd and will tell you all you want to know about Traffic Handling and the Radiogram. Marcia; KW1U is our guest speaker. Marcia has over 40 years in the National Traffic System. You can go to qrz.com and read the bio's on these two guest speakers.

We are working hard to bring you different content for the Share The Knowledge sessions. If there is a subject you would like to hear about, please contact HamOp.W1AST@gmail.com.

Even though 2022 just started, next year in 2023, the HCRA will be celebrating its 75th birthday. From the ZeroBeat Archives, it looks like the club began in January 1948. Or at least, that is when the first newsletter came out. If it existed before that, there is no record of it.

February 4th Zoom meeting link. Pre-meeting chat at 7pm, meeting at 7:30pm

<https://us02web.zoom.us/j/87807730903?pwd=ZG5IK00xYzdlR1JVeWsvRVhFUFEQT09>

The question is, should the club do something special? Maybe a year long activity or maybe something else? Maybe a special event station? That could be a fun activity for January of 2023. Let me know your thoughts.

Were the holidays good to you? Did you receive any new gear? I added an Icom IC-705 to my stable of radios. So far, I'm amazed at what they have packed into this little radio. I'm slowly going through the manual and learning different things that it can do. I'm looking forward to using it while camping this summer. How about you?

Best 73 and see you on the meeting,

Larry, W1AST

Welcome HCRA New Members

Bill Holden, W5JAZ Welcome to the HCRA & Congrats on your first Fox Hunt

Monique Dumais (no call) Welcome to the HCRA & a BIG Thank You for your donation!

MENTORING NEW HAMS

THEY WERE KNOWN AS ELMER'S, THEIR NOW CALLED MENTOR'S BUT THEY DO THE SAME THING!

At some point in our ham radio lives, most of us have taken some sort of a licensing class. I did to earn my novice license, many of you have in recent years, to earn their Technician or other licenses.

It is VERY important that we continue to give back to our hobby by helping people to earn their first license or to help them upgrade to General. The importance of teaching new students is imperative for new growth of ham radio.

This is where YOU come in. We need your help to organize and teach a Tech class for the HCRA. You will not have to teach the whole class, just a module or two. We would like to do a 4 or 5 week class and need volunteers to teach it.

The Importance of Teaching New Students is falling on you. Are you up for this small challenge?

The HCRA would like to start a class in mid to late February. It will be taught on Zoom. Other clubs are doing this successfully and the HCRA can too. But we NEED your help!

To volunteer please contact Larry, W1AST at HamOp.W1AST@gmail.com

Best 73,

Larry, W1AST

New Hams need an Elmer or to be correct in this day and age their known as Mentors! With so much to learn every new ham should have his/her Mentor to guide their way along their path to an upgrade!

Back in the early days pretty much all new hams had some sort of Elmer's to help them learn their way around the hobby. In this day and age this is even more important than ever with so many new modes between the new digital modes and SDR (Software Defined Radio) leading the way.

Myself, I did not actually have an Elmer to speak of, I did have several hams that acted in place of a Mentor. This became even more important as I got more involved in running a packet BBS/Node and I would not have been able to accomplish this without the help of a Elmer/Mentor!

If you have the ability and time repay what your Elmer did for you and offer to be a new ham's Mentor, he or she will remember it for the rest of their life and they will enjoy this wonderful hobby of ours so much more than if you never did it!

73, Ken - KD1KU

Be Someone's Mentor Today!

HOLIDAY PARTY PHOTO JOURNAL PART II

MORE PHOTOS FROM THE HOLIDAY PARTY AT THE STEAMING TENDER RESTAURANT



SHOW YOUR SHACK!

BOB, WA1OJN'S IMAGES OF THE INTERNATIONAL SPACE STATION BY SSTV

This month's shack features plenty of images of the International Space Station captured via Slow Scan Television by Bob, WA1OJN using his new satellite system, antenna array, rotor and rotor control box with his home brew computer interface on the top, made with an Arduino.

Plenty of great images of the ISS via SSTV! This should be enough to get some hams interested in SSTV which can do a lot more than talk with the International Space Station. But you must admit, that it's pretty darn cool to hold a QSO with the ISS via SSTV!



Do you want to see your shack featured right here in Zero Beat on the Show Us Your Shack? Send a few pics of your shack with a brief description of your primary radios & accessories to: kd1ku@arrl.net

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SHOW YOUR SHACK! Cont'd

BOB, WA1OJN'S IMAGES OF THE INTERNATIONAL SPACE STATION BY SSTV

Lunar Exploration



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Russian LUNA-1, Jan 1959
First Lunar Flyby
19 серия

1/12

Lunar Exploration



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Russian LUNA-2, Sep 1959
First Spacecraft To Reach Lunar Surface
19 серия

2/12

Lunar Exploration



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Russian LUNA-3, Oct 1959
Returned First Images Of Far Side of Moon
19 серия

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Lunar Exploration



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US Ranger 7, Jul 1964
First Lunar Close-Up Images
19 серия

4/12

Lunar Exploration



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US Apollo 11, Jul 1969
First Humans Walk On The Moon
19 серия

5/12

Lunar Exploration

Russian Lunokhod 1, Nov 1970

First Remotely Operated Lunar Vehicle, shown in Museum of Cosmonautics with Konstantin Tsiolkovsky's great grand son



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19 серия

6/12

A Winter Project ~ 17 Meter Add-On Kit

DX ENGINEERING 17M ADD-ON KIT - HUSTLER 6BTV ANTENNA BY BILL, W1FMX

Over the years, I have operated only on the traditional HF bands (80m-10m), but I became interested in trying the 17m WARC Band as I had heard that propagation could be good and there was not the crowding that can happen on 20M. There was a 17m rotatable dipole that I found on e-Bay for a good price that I installed early in the fall last year. It worked well, not great, but soon the SWR jumped to an unmanageable level – what was happening is that the connections between the antenna sections was not holding well because of the poor quality of the antenna materials and construction. I took that antenna down.

Soon after that, I saw someone is online posting about a DX Engineering brand “17M Add-On Kit” for Hustler BTV (vertical) antennas which interested me as I have a ground-mounted Hustler 6BTV. The kit is rated as handling up to 1500 watts SSB and 100 watts CW. Unfortunately, when I checked the DX Engineering online catalogue, I found that the kits were unavailable as a result of supply chain issues. But, last month, I checked again and was able to buy a kit which costs \$99.99 at <https://www.dxengineering.com/parts/dxe-aokc-17m>. That it cost about \$100 seemed a bit “pricey” to me, but, when I considered buying the pieces to make a “homebrew” version, I realized that the convenience of a kit was worth the cost.

The kit consists of two brackets (one aluminum and the other poly resin/plastic), a pre-measured 17M element wire, a large aluminum wire coil, and two tuning rods as well as clamps to attach the “add-on” to the antenna. The quality of the materials is high, though I do have one reservation and that is about the possible future weakness of the polyresin/plastic bracket as it is exposed to the weather over time. The accompanying instructions are reasonably clear, but can be confusing in parts; still, overall, it is easy to put the kit together in about one-half hour, or less. My plan was to pre-assemble the kit inside and then attach it to the 6BTV.

Attaching the add-on kit to the BTV antenna is about a 20-minute task. Included in the kit is a “Scotch Brite” pad that is used to prepare the lowest section of the BTV antenna tubing for attachment of two steel clamps that hold the aluminum bracket which will feed the “add on” element. After covering the cleaned aluminum tube with “Jet Lube” and attaching the lower bracket, the top bracket with a loading coil is attached in a similar manner using two clamps, and then two tuning rods are clamped down to the top bracket. When installed, the 17m



DX Engineering 17m Add-On Kit on a Hustler 6BTV Antenna

Continued on page 11

A Winter Project ~ 17 Meter Add-On Kit CONT'D

DX ENGINEERING 17M ADD-ON KIT - HUSTLER 6BTV ANTENNA BY BILL, W1FMX

When installed, the 17 meter lower brackets, and it is kept taut by a coiled spring. Finally, I set the two tuning rods on the top bracket so they were nearly completely extended.

On my initial check of the 17M Add-On Antenna's SWR using an MFJ Antenna Analyzer, I found it was 1.4. So, I got on the air with the antenna and found it was working well and allowed me to easily work DX on SSB with consistent signal reports of 55 through 59.



Bottom Bracket and spring-tensioned bracket for Element Wire of 17M Add-On



Close-Up of top Bracket with Coil and Tuning Rods for 17M Add-On

To my surprise, it was outperforming my limited expectations for a vertical antenna, and it did not appreciably effect tuning on other bands with the antenna.

In summary, I would recommend the 17M Add-On Kit for BTV antennas by DX Engineering as being easy to install and excellent in its performance.

73, Bill, W1FMX

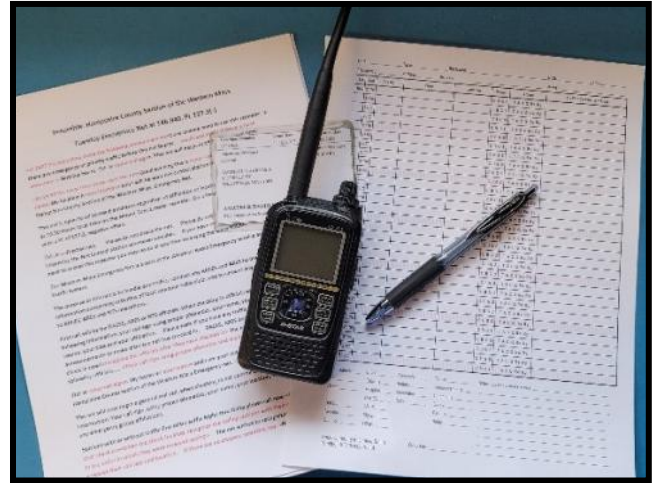
WMA ARES ASEC Net Manager Update

ASSISTANT SECTION EMERGENCY COORDINATOR, CHARLIE (SMITTY), KC1IKA

Greetings all,

Another month has gone by and ARES and Skywarn have been involved in multiple activations across the state. There have been wind and flooding events on the coast as well as snow, ice, and wind events in this part of the state.

This is why we are trying to get additional Net Control Stations trained for the ARES nets. The more net control stations we have trained the better chance of having someone available to take and forward reports in time of need.



This is why we are trying to get additional Net Control Stations trained for the ARES nets. The more net control stations we have trained the better chance of having someone available to take and forward reports in time of need.

At the beginning of last year, we had six net control stations. By the end of the year, four of them had retired from many years, if not decades of net control, to pursue other areas of the ham radio hobby. We had just two net control stations left. So far this year we have added one new net control station and we are training two more. They may be active by the time this newsletter is published. This will bring us up to five. My goal is to have at least eight or nine stations trained. We have three more to go.

I had the HCRA web manager upload the latest preambles and tracking forms to the HCRA website. If you would like to see what it would be like to be an NCS, download the files and follow along. Log the check ins. This will give you excellent practice at listening and tracking stations on an active net. Even if you have no intension to become an NCS this is excellent practice for contesting, SOTA, POTA or just general ham activities. Practice listening and writing down the call signs. See if you can keep up with the tempo of the net to log all the information. If you find out you enjoy it, contact me and I will continue your training. Once you are proficient at filling out the logs you just need to practice and get used to speaking more on the nets. As NCS if you miss part of the call sign or other information you have the power to ask for more information or for a station to repeat the information slowly. You are in the captain's seat and get to control the pace of the net. By practicing logging the stations signing in, you will also acquire an appreciation for tempo and may end up improving how you call in.

So, download the files, give it a try and see if this is something you would consider. Once a month is all I am asking. Improve your skills and maybe you will make more contacts in other areas of the hobby.

Contact me for additional information, kc1ika@arrl.net

73, Smitty ~ KC1IKA

WANTED

SHOW AND TELL PROJECTS

Get your Show & Tell projects completed before the April regular meeting. Whether we will be meeting in person or via Zoom is anybody's guess but have your Show & Tell projects done!

For more info email Larry at the address below

[HAMOP.W1AST@GMAIL.COM](mailto:HAmOp.W1AST@GMAIL.COM)

Get your projects ready for the upcoming Show and Tell presentation at the April meeting. No matter if it's from a kit or something you built from scratch, be sure to show it off and you will have a chance of the presentation and you just might win some great prizes!

Questions or any other info you need contact: Larry at HamOp.W1AST@gmail.com

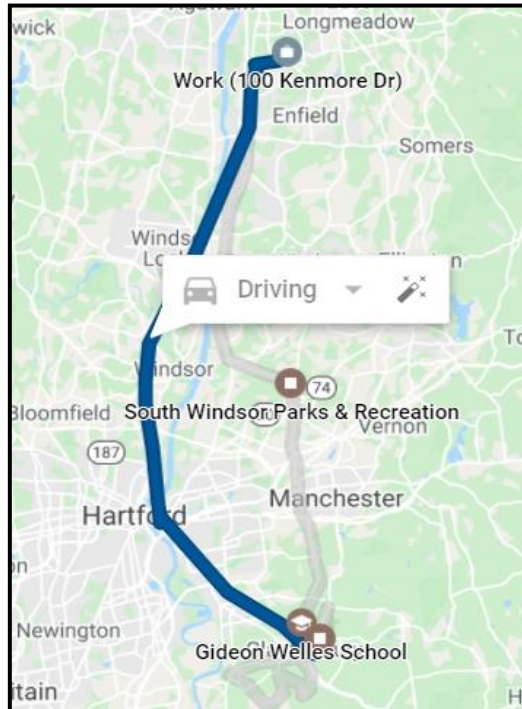
THE FOXS DEN

ANOTHER NEW YEARS DAY FOX HUNT IN CONNECTICUT

Every New Years Day, Paul, N1TUP hosts the New Years Day Fox Hunt. It has been canceled a few times for storms and extremely cold weather. But otherwise, it goes on as scheduled.

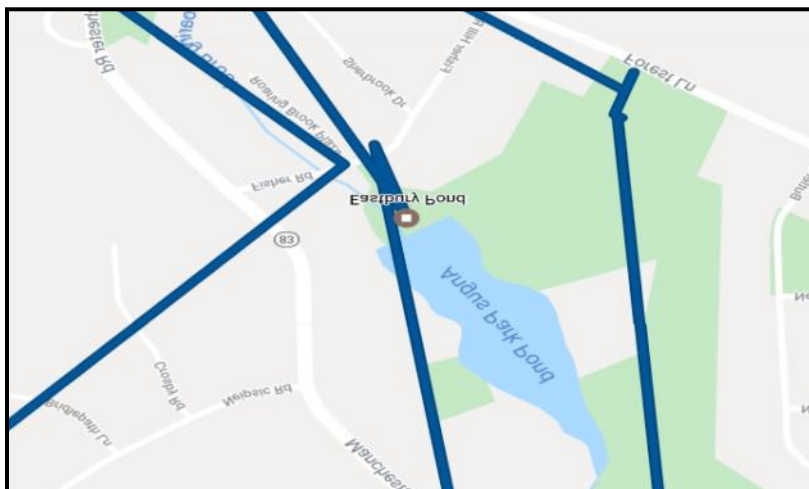
This year, Bill, W5JAZ and I teamed up. Plus, we were coordinating with Ken, KD1KU who was home plotting lines on a map for us. He was a big help as he could see the big picture much better than we could. We were one of 11 teams that started from the Wallops School in South Windsor, CT. This is about 1/3 of the participants in 2021.

Our first reading was around 205 degrees south. So south we went. The signals kept pointing south, so we kept going that way. Until we seemed to have passed the fox. (see image on right)



After a few more headings, and passing the fox, we started north again and went into a park where we met up with 2 other hunters. (see image on left)

All 3 of us drove out in different directions and then drove to the fox. (see image on right)



Continued on page 15

THE FOXS DEN CONT'D

ANOTHER NEW YEARS DAY FOX HUNT IN CONNECTICUT

We came in 6 out of 11. The hunt was a lot of fun and is something I look forward to on every New Years Day.

Paul hides very well and it's very hard to miss his truck and trailer (see image below). We ended up in South Glastonbury, CT. Not too far away from our slightly off south initial heading.



Anyone can participate. You basically need a full tank of gas as you never know where you will end up. A map of some sort, whether it be paper or on your phone or GPS. 2 radios. One to hunt with and the other to listen to the repeater with. Plus, an attenuator to reduce that signal when you get close. A partner certainly makes it much easier to map, drive and figure things out with.

The fox uses the Bears of Manchester repeater and transmits normally on it and we hunters hunt on the input. It works very well that way.

Larry, W1AST

The burglars just cleaned us out while he sat there. I told you he was addicted to FT8!



CHIP'S 50 YEARS....



memegenerator.net



**GROUND PLANE ANTENNAS
CAN BE A PAIN TO TUNE.**

**Looks like the perfect
day to get my new
dipole in the air!**



Things are happening in the world of Amateur Radio. ARRL is our advocate for Government, education and organization. I hope everyone that is a member of HCRA is also a member of ARRL.

Some items from the current news on the [ARRL.org](https://www.arrl.org) web page

ARRL Foundation to Create Club Grants Program

01/13/2022

A new ARRL Foundation Club Grants program, funded by a grant from Amateur Radio Digital Communications (ARDC), will make \$500,000 available to radio clubs. The program will provide up to \$25,000 for worthy club projects. Requests for more than that will be referred back to ARDC.

ARRL has long recognized that it is in the best interests of amateur radio to encourage and support amateur radio clubs. Clubs historically have recruited, licensed, and trained new radio amateurs and have provided the community setting for radio amateurs to continue their education and training. The new Club Grants program will help clubs more easily provide and expand their important services.

Beginning in April 2022, amateur radio clubs will be able to apply for these grants by filling out a simple form on the ARRL website. The ARRL Foundation will evaluate the grant proposals. The Foundation was established in 1973 to advance the art, science, and societal benefits of the amateur radio service by awarding financial grants and scholarships to individuals and organizations in support of their charitable, educational, and scientific efforts.

A key criterion for determining awards will be how the project will advance amateur radio in the grantee's community. In most cases, this process should take no longer than 90 days.

ARRL Foundation President David Woolweaver, K5RAV, shared his enthusiasm about this new program. "This program will substantially contribute to the growth of amateur radio clubs and their efforts to expand and support the amateur radio community," he said.

ARDC is a California-based foundation and makes grants to projects and organizations that follow amateur radio's practice and tradition of technical experimentation in both amateur radio and digital communication science. ARDC Executive Director Rosy Schechter, KJ7RYV, noted that this program will streamline the process for getting club projects funded, so that clubs can get started on these projects more quickly.

"We're very excited about working with the ARRL Foundation on this program," said Schechter. "We can't wait to see what kinds of creative things clubs will do with these grants."

Western Massachusetts Section News: <https://wma.arrl.org>

ARRL New England Division: <https://nediv.arrl.org>

ARRL Western Massachusetts Section Manager - Raymond P. Lajoie, AA1SE - aa1se@arrl.org

To learn more about an ARRL membership, and how it can help you - <http://www.arrl.org/membership>



ITEM'S FOR SALE

HCRA MEMBER ITEMS FOR SALE, TRADE OR WANTED

FOR SALE!

Ham Equipment from the Estate of W6IS - Contact Larry, w1ast@arrl.net

Note: Many prices have been reduced even further since the January issue

- 1: Collins 75S-1 \$800
- 2: Kenwood Model TS940S \$600
- 3: Collins Type 5164 - 2 S/N 10378
- 4: Collins 32S - 1 \$800
- 5: Sprague tube tester Model
- 6: Kenwood SP430 Speaker \$25
- 7: Samlex America Model SEC1212 Switching DC Power Supply \$30
- 8: Yaesu FT727R Dual Band Handie Transceiver 2 Meters \$20
- 9: ICOM IC210OH w/mobile mic \$70
- 10: Yaesu FT - 109RH Handheld \$20
- 11: Yaesu FT - 209RH Handheld B \$20
- 12: Collins Station Control Model 312B - 4 \$150
- 13: Butternut HF2V 80 & 40m Vertical Antenna Brand New in box (HRO List \$450) ONLY \$250
- 14: Astron PS - 12A \$25
- 15: Kenwood TM221A 2m mobile \$40
- 16: HY-GAIN Tail Twister Direction Control Model T2X \$65
- 17: RCP Radio City Products Model 664 \$25
- 18: Yaesu SP55 Speaker \$20
- 19: Precision 120 Meter \$(make offer)

Note: I purchased the FT-1000D and SP-5 Speaker from the W6IS estate and everything was in pristine condition as if it were new. Irv kept his equipment in excellent condition and you won't regret buying it!

Ken, KD1KU

Do you have an item(s) that you would like to sell? Or something you are looking for?
As long as it's ham radio related, list it here by contacting: kd1ku@arrl.net



HCRA STUFF

HCRA is an ARRL Special Service Club



License Class!

HCRA is looking for someone to organize a ham radio license class this Winter but we need your help to make this work. We need a volunteer to lead this class. You don't have to teach the class but rather we need somebody to organize the class and get other club members to help, teach ect.

If someone doesn't step up to do this, there will NOT be a class at all!

Please step up and lead this class so that others can get their license or upgrade!

For additional information contact Larry at: w1ast@arrrl.net

Brown Baggers are Back!

For the benefit of our newer members Brown Baggers is a friendly lunch get together that happens on the 1st and 3rd Wednesday of each month. It is held at [The Munich Haus Restaurant](#) in Chicopee Center at 12:00pm (Noon). Located at 13 Center St, Chicopee, MA. Across from City Hall or click the link above.

Enjoy lunch, conversation and camaraderie with your fellow hams. Everyone is welcome!

10 Meter Net fall/winter Schedule

The 10 meter net Fall schedule will be as follows: Beginning in Sept. the net has returned to every Monday at 7pm on 28.375usb. Marcel, AA1WH is NCS. Everyone is welcome to join in regardless of club affiliation. Weekly topics are posted on the HCRA Facebook group and the Reflector email list.

Memorial Page

All members now have the opportunity to honor club member SK's in the all new Memorial Page on hcra.org. This can be done by sending in the SK members name and callsign along with any text, stories and can also include photo's too. Send them to our webmaster, Vanessa, W1IRL at the following email address: webmaster@hcra.org

**Please check-out the HCRA You Tube Channel and while you're there don't forget to click subscribe!
I hope that many members are working on their short video's for the club's You Tube channel.
For more info see the April issue of Zero Beat. The You Tube Channel link is below**

For Sale Items

There is a For-Sale section that is for HCRA members. Any members who have a want, something to sell or even to trade.

Send item description and photo(s) to:
kd1ku@arrrl.net

HCRA Social Media Links

You Tube: <https://www.youtube.com/HampdenCountyRA>

Facebook: <https://www.facebook.com/groups/HampdenCountyRA>

Twitter: <https://twitter.com/HampdenCountyRA>

Instagram: <https://www.instagram.com/hampdencountyra>

Clublog update: Clublog can be accessed at <https://clublog.org/league.php> Signup is free, and there are a number of ways to lookup information. Give it a try, who knows... you might like it!

This is the clublog with open dates—basically it's a history from the start of each persons log. As you can see, many of the top members have many years on the air.

HCRA Clublog Information ~ Updated on February 1st 2022



Your Log

DXCC Charts

Satellite Charts

Timelines

Grid Squares

QSL Charts

Zone Charts

Log Inspector

Log Matching

League Tables

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Club Leagues

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Super League

Uniques League

Tools

DX Cluster

Log Search

Call Tester

Most Wanted

DXCC Analysis

Propagation

Great Circle Maps

LoTW Sync

ADIF Diff

QSL Archive

DXCC Leagues

The leagues are rebuilt once per day. Only callsigns active in the last 12 months are included in the league tables. The maximum size of a league is 2000 participants.

☒ No Mode Filter
 ☐ CW
 ☐ Phone
 ☐ Data

☒ Rank by DXCCs
 ☐ Rank by slots
 Rank by band: Totals ▾

☒ 160M
 ☒ 80M
 ☒ 60M
 ☒ 40M
 ☒ 30M
 ☒ 20M
 ☒ 17M
 ☒ 15M
 ☒ 12M
 ☒ 10M
 ☒ 6M

☒ Current entities
 ☐ Current and deleted
 ☒ Worked
 ☐ Confirmed

☒ No Date Filter
 ☐ 2022
 ☐ 2021
 ☐ Last 12 months

Filter by club/continent:
 HCRA - Hampden County Radio Association ▾

League for HCRA - Hampden County Radio Association

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC ▼	Slots	Range
1	W1JA	58	175	29	239	193	316	204	302	148	286	57	340	2007	44 yrs
2	W1RM+1	179	294	10	334	317	337	329	336	319	320	90	339	2865	59 yrs
3	KK1W+1	140	196	7	275	228	309	279	281	219	234	78	330	2246	46 yrs
4	NV1Q+3	27	136	0	101	111	300	257	314	232	256	2	329	1024	42 yrs
5	NF1G	0	161	0	245	258	305	267	270	203	221	78	319	2008	38 yrs
6	W1PY+1	34	118	0	201	64	248	211	244	132	205	8	292	1465	12 yrs
7	KX1X	67	133	66	188	164	208	141	216	95	197	20	256	1495	25 yrs
8	N1TA+3	111	154	27	199	104	211	108	199	33	133	0	256	1279	20 yrs
9	K1NZ+1	115	159	87	171	200	187	168	152	99	80	8	253	1426	11 yrs
10	K1VOI	5	67	2	115	62	205	141	163	72	144	3	247	979	21 yrs
		160	80	60	40	30	20	17	15	12	10	6			
11	NE1C	63	114	0	151	0	206	0	195	0	152	2	238	883	19 yrs
12	W1AST+1	5	60	9	104	29	169	120	135	22	122	7	204	782	13 yrs
13	NT1K+2	9	49	2	103	36	184	45	142	47	123	1	200	741	11 yrs
14	N1FTP	0	7	0	64	0	170	47	119	16	109	2	184	534	13 yrs
15	WD1S	49	56	0	117	33	143	30	95	11	98	2	172	634	10 yrs
16	W1NU+2	2	38	21	86	40	131	76	60	27	38	4	147	523	6 yrs
17	N1JIE	2	5	3	32	33	61	29	14	7	7	2	86	195	5 yrs
18	AB1ZJ	0	0	0	24	0	45	0	0	1	0	0	54	70	5 yrs
19	N1FJ	0	0	0	6	0	30	0	16	3	16	0	51	71	8 yrs

Clublog update: Clublog can be accessed at <https://clublog.org/league.php> Signup is free, and there are a number of ways to lookup information. Give it a try, who knows... you just might like it!

This is the HCRA Clublog for 2022 - you can see who has been on the air hot and heavy so far this year!



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Filter by club/continent: HCRA - Hampden County Radio Association ▼

Generate DXCC League

League for HCRA - Hampden County Radio Association

Rank	Call sign	160	80	60	40	30	20	17	15	12	10	6	DXCC ▼	Slots	Range
1	W1RM+1	7	14	0	85	9	84	17	44	7	12	1	166	280	59 yrs
2	NF1G	0	2	0	18	37	41	39	48	52	16	1	130	254	38 yrs
3	KX1X	3	41	0	46	35	49	39	68	4	5	0	104	290	25 yrs
4	W1PY+1	0	0	0	1	0	26	0	14	0	1	0	42	42	12 yrs
5	KK1W+1	0	1	0	14	2	20	4	1	0	0	0	40	42	46 yrs
6	W1AST+1	0	1	0	5	0	17	11	4	5	1	1	32	45	13 yrs
7	K1NZ+1	9	0	10	0	6	0	0	0	6	2	0	22	33	11 yrs
8	K1VOI	0	3	0	14	2	5	1	6	1	1	0	20	33	21 yrs
9	N1JIE	1	2	0	4	2	1	0	0	1	0	1	8	12	5 yrs
10	WD1S	0	0	0	4	0	2	0	0	0	0	0	5	6	10 yrs
		160	80	60	40	30	20	17	15	12	10	6			

DOTS & DASHES

THINGS THAT DON'T FIT ANYPLACE ELSE!

MTARA Hamfest is back on for 2022!

The 33rd annual MTARA Amateur Radio & Electronics Hamfest is on for 2022, Saturday March 5, 2022. Doors open at 6:30am for vendors and 8:30am for General Admission (8am if vendors are ready).

Get all the details and vendor form visit: <https://mtara.org>

What is the 10-10 International Winter Contest on February 5th - 6th?

Ten-Ten International Net, or 10-10 for short, is an organization of amateur radio operators dedicated to maintaining amateur radio communications on the 10-meter band (28.0-29.7 MHz). Established in 1962, 10-10 has grown continuously since that day, with some ups and downs according to the numbers of sunspots and the openness of the band. As you read this, the number of 10-10 numbers issued to members is over 77,000. 10-10 welcomes your membership if you have a ham radio license with 10-meter privileges. Info at: <https://www.ten-ten.org/membership/menu-application>

Contests and Special Event Stations

Contests - www.arrl.org/contest-calendar

February 12th - 13th | OMISS QSO Party, 160m -10m, SSB | 1500z Saturday - 1500z Sunday

For more details visit: <https://omiss.net/Facelift/qsoparty.php>

February 5th - 6th | 10-10 International Winter Contest, SSB, 10m SSB | 0001z Sat - 2359z Sun

For more details visit: <https://www.ten-ten.org>

Special Event Stations - [Special Event Station Search](#)

Feb 16 - Feb 20 | 0000z-2359z | 2022 Speedweek / Daytona 500 | Special Event

For additional details see: <https://n4dab.com/2022-daytona-500-special-event-station>

Search for more Special Event Stations at: <http://www.arrl.org/special-event-stations>

HCRA Member Outgoing QSL Service

QSL's will be sent to the ARRL Outgoing QSL Bureau quarterly on the following approximate dates

April 15th, June 15th, Sept 15th, and January 15th

See hcra.org for complete information

or

Contact Paul, NFIG at NFIG@arrl.net



Local Nets & Happenings

Sundays: 0845 Western MA. Emergency Net on 146.94, PL 127.3 W1TOM/R

Sundays: 0915 Western MA. Emergency Net on 443.200, PL 127.3 W1TOM/R

1st Monday:

RACES Drill, 1845, 146.49 Simplex

Mondays: 1900 7pm (Local) **HCRA 10 Meter Net 28.375 usb**

New topic each week. Have an idea for a topic? kd1ku@arrrl.net

Tuesdays: 1930-2000: 146.94, PL 127.3 - W1TOM/R - Hampshire County Emergency Net

Wednesdays: 1930: MTARA Info net followed by the swap net & the N1RLX simplex net on 146.94, PL 127.3 W1TOM/R

2000: MTARA Swap net: 146.94, PL 127.3 - W1TOM/R

2000: MTARA (N1RLX) Simplex Net, Check-in's 146.94, PL 127.3, then goes to 146.42 Simplex Immediately following the swap net

2100: Weather Net (Roger, K1PAI), 1st Thursday of every month: 147.090 MHz, All other Thursdays: 147.000, PL 127.3 - W1TOM/R

Join or Renew Your ARRL Membership!

ARRL members enjoy:

- QST Magazine
- Members-Only Web Services
- Technical Information Service
- Member Discounts
- Outgoing QSL Service
- Continuing Education
- ARRL as an Advocate
- Regulatory Information Branch
- Public Relations for Amateur Radio
- ARRL Field Organization
- ARRL-sponsored contests
- Operating Awards
- Local Clubs
- Amateur Radio Emergency Service
- Hamfests and Conventions
- Volunteer Examiner Coordinator Program



<http://www.arrrl.org/membership>

Club Meetings and VE Sessions

Please contact site / organization to ensure it will meet.
Clubs meet on Zoom, VE sessions are being developed.

1st Friday of the month at 7:30pm HCRA Meeting.
Virtual meetings are held via Zoom. Meetings start with a rag chew session at 7pm followed by the regular Zoom meeting at 7:30pm. <http://www.hcra.org/>

2nd Monday of the month 7:00pm, Franklin County Amateur Radio Club meeting. Virtual meetings via Zoom until it is safe to meet in person at the Greenfield Community College. <http://www.fcarc.org/>

Saturday before the FCARC meeting at 8am. Breakfast at Dennys Pantry in Greenfield (as Covid allows)

Event: FCARC Pioneer Valley Experimental Net

Location: 10 Meters 28.354 MHz

When: Every Wednesday morning, 9:00 am – 10:00 am

Organizer: Brad Councilman bc@councilman.com

HCRA Contact List

President - Larry Krainson, W1AST
w1ast@arrrl.net

Vice-President - Marcel LaPierre, AA1WH
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Treasurer - Duane Pray, KC1FQV
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Secretary - Paul Kelliher, NF1G
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W1NY trustee, John, N1JIE
n1jie@arrrl.net

WB1Z trustee, Vanessa, W1IRL



**Here is your exciting new
copy of Zero Beat!**

**Hampden County Radio Association
P.O. Box 562
Agawam, MA 01030-0562**