

CAARA NEWS



Cape Ann Amateur Radio Association
JUNE 2018 Edition



PRESIDENT'S COLUMN

by Jon- K1TP

Field Day is almost here and it should be an exciting one at the clubhouse. We will be running three stations: HF SSB, HF CW, and HF Digital. We are hoping you stop by and enjoy the club activity, no pressure to operate, just stop by and say hello. We will provide a cookout lunch and dinner on Saturday and a light breakfast on Sunday.



The painting is now complete on the building and the building really looks sharp. The Board has decided to look for an affordable bid to sand and polyurethane the first floor of the club building, hopefully will be completed by this summer in July or August. This will be an awesome improvement!

I am excited to undertake a project with Brian- WO1VES from NSRA to link our 440 repeater to Brian's own 440 repeater in Stoughton and maybe with the NSRA 440 repeater. We will have terrific coverage to say the least! More info as we make progress.

I attended the Nearfest Ham event in Deerfield, NH and enjoyed the day. I sold a few items and bought 500 feet of dacron parachute line, actually broke even for the day which is unusual for me! I ran across a few hams from CAARA which was nice and spent the day with the 3928 Bull Net hams from NH, ME, and MA. I think it is a better hamfest than Boxboro because the flea market area is much larger. If you have never gone, put it on your bucket list.

We welcome long time member Tony- N1JEI to the Board of Directors. Tony will be replacing Linda Wright who has purchased a home with husband Curtis- AA3JE and relocated to NH. Tony is no stranger to the club, he

has served on the board before and is a strong supporter of the club events/activities.

Club member, Bill- WZ1L attended the big hamfest in Ohio and wrote us an article in this issue.



INFORMATION DESK

By Dean- KB1PGH

Well as you may know by now the annual ARRL Field Day event is coming on Saturday June 23 starting at 2 PM local time and runs 24 hrs straight until 2 PM Sunday June 24th. So now is the time to get all your equipment in shape. Make sure your generator works or your batteries can hold a charge. If you are working with multiple stations make sure you have band pass filters for each separate band so you don't cause inter modulation between stations and make sure you have proper choke filtering on your equipment to mitigate EMI and RFI and common mode currents. If you need bandpass filters you can get them at www.dunestar.com

and if your looking for common mode chokes and RFI and EMI filters you can find them at www.myantennas.com or www.palomar-engineers.com. Now's the time to secure the spot where you are going to operate portable as well. It's good, if you have the time, to do a test run of all your equipment a week ahead of time so you can fix any problems beforehand. In the end though please have a fun time at field day. Don't try to do too much and make too much work for yourselves. Moving on, if you haven't heard the ARRL is trying to get Technician class licensees digital and phone privileges on 80, 40 and 15 meters. You can go on the ARRL website at www.arrl.org for more details. The ARRL is also sponsoring a year long grid chase contest as well for 2018 and you can find out more info



CAARA Newsletter
Cape Ann Amateur Radio Association
6 Stanwood Street
Gloucester, MA 01930

CAARA Newsletter is a monthly publication of the Cape Ann Amateur Radio Association (CAARA).

It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to CAARA members, and space is available. Material is accepted on a first come, first serve basis. Articles and other materials may be submitted by internet to Jon at k1tp@arrl.net. If possible, material should be in Word format. Material may also be submitted as hard copy to Jon-K1TP or any Club Officer.

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Jon Cunningham- K1TP Editor
Dean Burgess- KB1PGH Reporter

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Welcome to CAARA:

CAARA, an ARRL affiliated club, operates the 2 meter W1GLO repeater on 145.130 MHz with antennas located on the ATT cell tower in the Blackburn Industrial Complex in Gloucester Massachusetts. It has an average effective radius of 60 miles, and serves Eastern Massachusetts, Cape Cod, Rhode Island, Southern New Hampshire, and maritime mobile stations.

CAARA also operates the W1GLO repeater on 224.900 located at the CAARA clubhouse.

The former W1RK 443.700 repeater is now on the ATT cell tower in the Blackburn Industrial Complex with greatly enhanced performance.

The Association is one of the few amateur radio clubs that has its own clubhouse. Located at 6 Stanwood Street in Gloucester, it includes a permanent HF station with beam, vertical/wire antennas along with an operating 2 meter packet station as well as 2/440 meter voice and 220 MHz Transceivers.

Amateur radio exams are held on the second Sunday of each month at 10:00 AM at the CAARA clubhouse. Anyone who is considering a new license or an upgrade, is welcome to test with us. Pre-registration necessary. Contact the head of our VE team Rick Maybury-WZ1B if you have any questions about monthly testing.

Monthly member meetings are held on the second Saturday of each month at noon. **LUNCH INCLUDED!**

Each Sunday evening at 9:00 PM, the club operates a 2 meter net on 145.130. This is an open and informal net which disseminates club news and prepares operators for emergency communications work. All are invited to check into the net as club membership is not a requirement.

New! Breakfasts are served twice a month on Sunday- check our calendar. The club is open every Tuesday from 5-8PM for CAARA

on the ARRL website as well. As a side note there are two more ARRL contests in June. The VHF contest is on June the 11th and kids day is on the 16th. More information on these events are on the ARRL website. The ARRL just released some numbers on the growth of amateur radio and as of the moment there is a 1% annual growth in the licensed ranks .The issue is in the next 20 years all of the baby boomers will be aging out so I think we shall see a future dip in the numbers .See you next month and have fun at field day!



bad as I have ever seen them. Hope they are not as bad for field day coming up .

At least I got to operate the Icom IC 7300 and the band scope worked great and gave me an advantage on finding activity on the band. It was a good test too to see if everything worked before field day .

The next opportunity for me will be field day in just a few weeks.

Bothways Farm Portable HF operations

Well I guess you can file this under, "At least I made the attempt!". I had the opportunity to do some portable HF work at my place of work at Bothways Farm in Essex Mass. The weather was a little damp so I made use of the shack where we make the maple syrup at the farm. I knew beforehand that the HF band conditions were going to be lousy with a coronal mass ejection a couple days earlier which made for a K index of 5 with geomagnetic storm conditions.

Anyway, I gave it a shot for 3 hours and made a whopping 11 contacts. I had 3 of those contacts on 6 meters even though they were all local .The farthest I got was another portable HF station on Mount Herman in Colorado. I did manage to get a contact on 40 meters as well .The New England QSO party was going on so that helped a bit with getting a few more contacts.

After 3 hours I wrapped it up. The HF band conditions were about as





The Rocky Neck 5K run with CAARA providing health and safety communications for the community.

We are very busy this year with over a dozen races to cover. Races are in Gloucester, Rockport, Manchester, Hamilton....we get around!

We could use a little help, consider volunteering a few hours for a good cause.



Dogtown Race was 5 miles long thru the woods and completed on Sunday morning, May 20 by CAARA members Gardi- KB1BTK, Bill- W1WMM, Rob- KB1WJC, Ron - N1RJB and Chris- W1TAT.

One injury reported and was taken care of by our crack communications team in conjunction with the Gloucester Fire Department.

VE NEWS

NEW Technician class (Element 2) pool will take effect on July 1, 2018 will be valid until June 30, 2022.

On July 1, 2018 a new Element 2 Technician class question pool will take effect for examinations. VECs and VEs will have new test designs available for use at exam sessions effective that date.

The newly revised pool released in January 2018 (updated and re-released February 12, 2018) by the Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) must be in use starting July 1. There are three graphics required for this pool and 423 questions in this pool, down slightly from 426 in the previous pool.

ARRL VEC will be supplying all its (near 1,000) Field Stocked VE teams with new test booklets about the 3rd week in June.

Do not destroy the 2014 versions of the Technician exams until June 30!

With the Technician class exam questions changing July 1, new test designs must be used effective that day. Previous ARRL VEC supplied Technician class exam booklet versions (2014 series) and computer-generated Technician class exams created from the 2014 question pool are only valid until midnight June 30, 2018. At that time VE Team leaders should destroy or throw away the old versions of the Technician exams (do not return them to VEC). To avoid a mix-up at the session, do not save old exam versions!

Field Stocked teams that no longer meet the field stock requirements or who have not conducted a session in the past year and non-field stocked teams that have been keeping supplies without qualifying through the VEC will not receive an updated package. Non-stocked VE Teams should be returning their exam packages and supplies to ARRL VEC after each session is completed. The officially stocked VE Teams receive their exam supplies in a large box which is a 6-month-to-1-year supply depending on the team's activity levels. To see if your team qualifies to be field stocked with a bulk quantity of our test materials visit <http://www.arrl.org/field-stocked-ve-teams>.

The question pools review is part of a regular process and each question pool is reviewed and updated on a four year rotation. The General pool is scheduled for an update in 2019. All current question pools and useful information pertaining to the pools can be viewed on the ARRL Web at www.arrl.org/question-pools. To view all three questions pools, visit the NCVEC web site at www.ncvec.org/.

Repeater Alert

Over the past week, we've had an unlicensed operator on the MMRA 145.43 Belmont repeater. He identifies as "Dean" and claims he lives in Milton or used to live in Milton (the story changes). He also claims to be 57. He uses the callsign W2RFW, which is not in the ULS database. He appears to engage in normal ham conversation, and other than the fact that he is unlicensed, does not appear to be causing any interference or exhibiting any inappropriate behavior.

There is a Dean, age 88, in Milton with the callsign W2RWF. I have spoken to the real Dean on the phone. He assures me he is inactive. His voice is markedly different from the operator we hear on '43.

If you hear this individual on-the-air, please do not engage him. If you would like to do a check on the input to report his signal strength at your location, please send what you find to contact@mmra.org.

We'd be also interested in hearing if he has surfaced on other repeaters.

Please feel to distribute this message to other ham-related mailing lists in the Boston area.



Land Line

By Curtis- AA3JE



It's kind of hard to explain the addiction to a land line to a millennial.

"I don't understand," they say.

"It's kind of like the Internet, only it's by wires and fiber optic cables."

"So it doesn't use computers?"

"Well, it does, but just phone company computers."

"How is it different?"

"Well, you talk on it." (brief pause while I feel stupid.)

"So you pay a company to have a separate kind of Internet thing? Why do you do that?"

That's where it all breaks down. It's impossible to explain that we grew up with a telephone, are used to the telephone, and feel vulnerable without a telephone.

So, when I bought the new house, I got Cable Internet, Cable Internet Voice, Cable Internet TV, and a Land Line.

So I plugged into the modem for Internet voice, and we had internet phone.

All would have been well if I had kept my mouth shut.

"I SEE YOU GOT THE PHONE INSTALLED," said "SHE WHO MUST BE OBEYED."

"It was easy, just plugged it into the cable modem."

"WE HAVE TELEPHONE BY CABLE???????"

"Yeah, no extra charge."

"I DON'T WANT IT! I WANT A REGULAR LAND LINE! REMOVE IT AT ONCE!"

"Er, why?"

"The CIA spies on the Internet phone conversations, or FACEBOOK, or the DEMOCRATIC NATIONAL COMMITTEE, or someone."

"Why do we care?"

"THEY ARE SPYING ON US! UNPLUG IT AT ONCE!"

So, I had to get the land line working. But when I plugged into the phone jack, no dial tone.

I went out to the entrance box, ignored the red sign saying "Phone Company ONLY" and opened the box. The problem was obvious. No wires!

So I looked around. There, flying in the breeze, was the cable to the entry box. Sternly suppressing the urge to just wire the thing up, I called the phone company.

"Wires pulled out of the entry box, need a service guy."

"We will have one there tomorrow between 8 AM and 6 PM."

"Can't you narrow it down a bit?"

"Sorry, busy time of year."

Two days later, he showed up.

"No wonder this don't work! The wires have pulled out. Can't you see that?" he said.

I gritted my teeth, and said nothing. He wired up the box.

No dial tone.



He unshipped the cherry picker and went up to the pole top.

“No wires here, either! No worries.”

So he strung a new cable 250 feet to the nearest line drop.

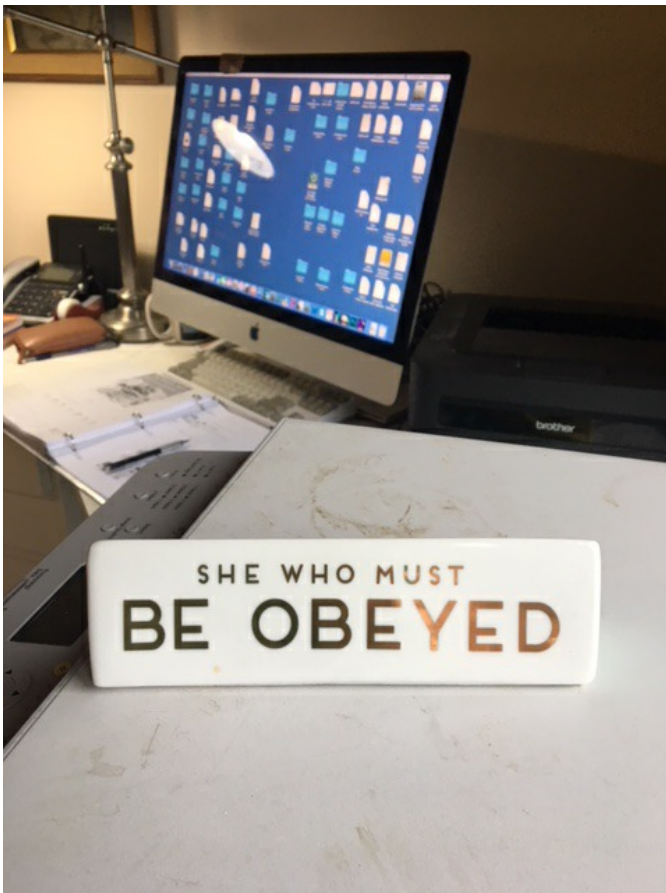
No dial tone.

“Got to punch it in at the junction box, back in a minute.”

He and the truck disappeared. Twenty minutes later, he was back.

“All fixed.”

“There’s still no dial tone in the house.”



“Strange, let me look.”

Between us, we discovered that the cable guys had used the conduit to the house to run internet. We found the telephone cable coiled up and discarded in the weeds.

“They did you no favor, sport! Have a nice day.”

“Are you not going to fix it?”

“We are required to give you a drop on the property. There it is, on the side of the garage. The rest is your problem.”

I went back inside.

“Phone’s working.”

SHE picked up the bedside phone.

“NO DIAL TONE”

“It’s working outside the garage. Just not in here.”

The look SHE gave me said it all.

165 feet of 4-wire phone cable, 150 feet of conduit, two days of shoveling, two end fittings, and a bag of grass seed later, we had a land line. In the house.

“It’s working, dear.”

“THAT’S NICE”

“Aren’t you gonna call anyone?”

“IF I WANT TO CALL ANYONE, I USE MY CELL PHONE.”

Like I said, it’s hard to explain to millennials.

REMINDER:
MEMBER LUNCH
MEETING ON
SATURDAY, JUNE 9
AT NOON
COOKOUT

May Member Meeting



Another successful member meeting with about twenty members coming and going to say hello and enjoy a cookout featuring sausages with onion and peppers, hamburg's, beans, potato salad.....great job by the kitchen staff of Bill- W1WMM, Tony- N1JEI, David- N1CDL, and Jon- K1TP. We discussed Field Day and how we were going to staff it and where each station would be setup.



May Member Meeting



Photo's by Tony- N1JEI

PUBLIC SERVICE ROAD RACES

Sunday, June 3rd YUKANRUN - Twin Lobster Marathon Gloucester, MA

Sunday, June 17th YMCA Father's Day 5K & 10K Rockport, MA

Thursday, June 28th 6:30pm YMCA St. Peter's Fiesta 5K Run Gloucester, MA

Tuesday, July 3rd Horrible s July 4th Parade Gloucester, MA

Sunday, August 5th YUKANRUN - Triple Treat Half Marathon Rockport, MA

Sunday, September TBD Lone Gull - 10K Run Good Harbor Beach Gloucester, MA

Sunday, September 23rd YUKANRUN - Half-By-The-Sea Half Marathon Manchester, MA

Sunday, October TBD Boston Wounded Veterans 5K & 10K Gloucester, MA

Sunday, November 4th YUKANRUN - Ocean View - 5K & Half Marathon Ipswich, MA

Sunday, November 25th Santa Claus Parade Gloucester, MA

Sunday, December 2nd YUKANRUN - Merrython - Gloucester, MA

Why should you participate in race events?

It helps the club financially, we receive a donation for each race. You are using amateur radio to provide a needed public service to ensure the safety and smooth running of a public event in local communities.

I would but I do not have a radio.

No excuse, we have loaner radio's available with a mag mount that will work in your car just by just plugging it

into the cigarette lighter socket. We have loaner hand held radios as well!

I don't have transportation.

No excuse, we will pick you up and drop you off at your house.

I do not have the time to spare for a whole race.

Well, you can commit to a time slot, for just two hours. We will bend over backwards to get you to participate.



CAARA makes the Eastern Mass ARRL Newsletter

A field organization of the National Association for Amateur Radio™

Members of the **Cape Ann Amateur Radio Association** have hit upon an innovative fundraising opportunity that also provides a valuable social component for its members: breakfast is served at the “Cafe CAARA” twice each month at its Stanwood Street club house in Gloucester. “One [breakfast] is for the scholarship fund which we give two \$250 scholarships to Rockport and Gloucester High graduating seniors who will be going to a technical, engineering college or someone entering the trades,” reports CAARA president Jon Cunningham, K1TP.

“The second breakfast proceeds go to our building fund. We are eating our way to balancing the budget, improving the club facility, and funding a CAARA Scholarship Fund.

The club took in proceeds of \$363 at its last breakfast. club and enjoy a delicious meal.” Cunningham says this year CAARA plans refinish the club house’s first-floor hardwood floor.

The breakfast menu typically consists of “eggs your way”, pancakes, french toast, bacon, sausage, hash browns, English muffins, wheat toast, orange juice, and coffee.

“Everyone has a great time,” adds the club’s “top chef” Bill Morris, W1WMM. “I’m very happy we are doing the food events. The breakfasts are great for club fellowship.”



RETURN OF 'LAST MAN STANDING' IS A FIRST FOR FOX

Are you ready for "Last Man Standing?" No, we're not talking reruns - but we ARE talking QSOs. Mike Askins KE5CXP tells us more. Did your hope of working KA6LMS die with Season Six of TV's "Last Man Standing?" Take heart: The show's Mike Baxter KA0XTT hasn't let his amateur radio license languish and neither has the Last Man Standing Amateur Radio Club. Recent word is that the show will live and breathe again this fall on the Fox network.

The same familiar characters will be back but it's possible Mike has upgraded some of the equipment in his shack - we'll see. We have it on good authority that KA6LMS hopes to resume operation from the set on production days.

Fox News quoted actor Tim Allen as saying "I could not be more grateful for the fans who wrote petitions and kept up the passion and incredible support for the show." According to Fox, "Last Man Standing" was the second most-watched comedy on ABC with an average of 8.

Radio Contact Planned Between Cape Cod and Newfoundland During Marconi Daughter's Visit

During the planned visit of radio pioneer Guglielmo Marconi's daughter, Princess Elettra Marconi, to Cape Cod National Seashore on May 31, she has been invited to take part in a scheduled contact between KM1CC on the Cape and the Society of Newfoundland Radio Amateurs (SONRA) club in St John's Newfoundland. SONRA will use VO1AA.

"Chris Hillier, VO1IDX, will serve as the net controller, so a few SONRA members can call in to the Princes," KM1CC Trustee Barbara Dougan, N1NS, told ARRL. "Someone from KM1CC will stay on the air with VO1AA, should the Princess need to depart, then after, KM1CC can take calls from others should anyone want to make a contact with KM1CC in grid FN51."

It was at St John's that Marconi received the letter S from his station in Poldhu, Cornwall, in 1901. The plan is to use 14.224 MHz SSB on or around 1645 –1700 UTC, to accommodate schedule variations. — Thanks to KM1CC Trustee Barbara Dougan, N1NS



FT8 Activity Bumping Up at Some Expense to Other Modes

Despite largely dismal HF conditions, there is no doubt that the recent FT8 digital protocol has made hams more enthusiastic about getting on the air. The mode has caught on so quickly that co-developer Joe Taylor expressed surprise last fall at the rapid uptake of FT8 for making contacts on HF bands. Judging by Logbook of The World (LoTW) data, more than 2.3 million FT8 contacts were uploaded in 1 month — a net gain of 1.2 million contacts on all modes over the same month last year, ARRL Radiosport Manager Norm Fusaro, W3IZ, said. Over the same period, activity in some of the other modes has declined.

"Year-to-date DXCC applications are up by 11% over the same period last year," Fusaro said. "So far, we have processed 898 Worked All State

Fusaro said that while some feel that FT8 is "taking over the world," subsuming all other modes, that's not the case. "Activity in the traditional modes of SSB and CW has decreased only slightly, by 10%," he said. "The real decrease is in RTTY and PSK activity and in the other WSJT-X modes. I believe poor propagation would have cut into SSB and CW activity, regardless of the new mode." Anecdotal reports support Fusaro's hard numbers, with wall-to-wall signals surrounding the FT8 watering holes.

Late last year, Denny Berg, WB9MSM, achieved his goal of completing DXCC using FT8. It took him just 4 months.

"I can tell all of you that this mode is spreading like wildfire throughout all the HF bands," Berg told The Daily DX at the time. He said he was able to work all states on FT8 in about 6 weeks of operating.

Taylor has characterized SSB and CW as "general-purpose modes" that are good for ragchewing, DXing, contesting, disaster communication, and other purposes. On the other hand, he has said, FT8 and the other protocols in the WSJT-X suite are "special-purpose modes," designed for making reliable, error-free contacts using signals that may be too weak to work using more traditional modes — and sometimes even too far down in the noise even to hear.

NEW RADIO'S LAUNCHED AT HAMVENTION 2018



All of the “big three” Japanese manufacturers debuted their newest transceivers at Hamvention 2018: Icom’s IC-7610, Kenwood’s TS-890S, and the Yaesu FTdx-101D. Not to be outdone, Flexradio showed off its new Flex 6400M and Flex-6600M transceivers. CommRadio presented its CTX-10, a compact SDR-based QRP transceiver. Look for more information about these new products and others in the August issue of QST magazine.



Nearfest Ham Radio event in Deefield, NH was a fun day and it didn't rain!...I just sat and "people watched" after lunch. As I have said in the past, the selling of used gear is not what it used to be.



There are plenty of old boat anchors which do not have much value anymore. New hams are not buying boat anchors, they are buying the latest and greatest new radios.

I had an Icom 7000 and LDG tuner for sale for \$600, I bought it new. I could not give it away at the fest! I put it on Ebay and sold the Icom 7000 for \$910 and the tuner for \$104.50...go figure! However if you need anything in regard to parts, you can find anything here. It is still a fun social event and I look forward to the Fall event.



I can't help but think, after looking at these old boy scout photos, that we are really doing something wrong when it comes to promoting ham radio! I grew up with ham radio in the the late 50's and early 60's, I was in junior and senior high school during that time frame.

I was exposed to radio Scouts, other kids my age, etc. CB was also pretty popular at the time but I never got involved with it. On my paper route I had three hams and all welcomed me into their shacks and became Elmers. One had a complete Collins station and the others had Heathkit gear that they built themselves, I might add they were all electrical

engineers.



I was just dazzled by the idea of communicating with hams all over the world with this crazy tube radio station and dipole antenna. I got my Novice ticket at one of the Elmer's shacks, they gave the novice test back then....and I was off and running. I purchased a DX-20 and my dad bought me a Hallicrafters SX-99. I saved and bought crystals for 40 and 80 meters, we were not allowed to use a vfo.

I am determined this year to get the Rockport Cub Scouts over to the radio club on Saturday mornings and start a little hands on radio club. It is time to give back to a hobby that has given me so much.

Jon - K1TP

DAYTON HAMVENTION REPORT 2018

By Bill- WZ1L

The first thing you think of is money? Yeah, right! Well, you sit down at your computer, and look at travelocity.com or bookings.com. You select your motels and rental car options and then look for a plane reservation. You pay months in advance for a short vacation.

Well, it began at 2:30 am on May 16th, last minute packing and stowing suitcase and brief case. Taking a 3:30 am bus to Logan Airport in Boston is the easiest as there is parking at the bus terminal for short term parking.



Upon arrival, I remembered my 6am flight was cancelled and rebooked to 5:30am Boston Philadelphia and Philadelphia Dayton at 8:45am, After 1 hour and 20 minutes I was at Philadelphia and after a 45 minute delay it was a 2 hour flight to Dayton. I arrived 11:30 am.

Checked in to my hotel and was off to visit friends in the Dayton area. We set up a tent in the flea market on Thursday Morning, and the HAMVENTION began on Friday.

Saturday I volunteered to help with examinations for licensing. There were a massive group for exams, and I believe it was 70/30 PASS/FAIL.

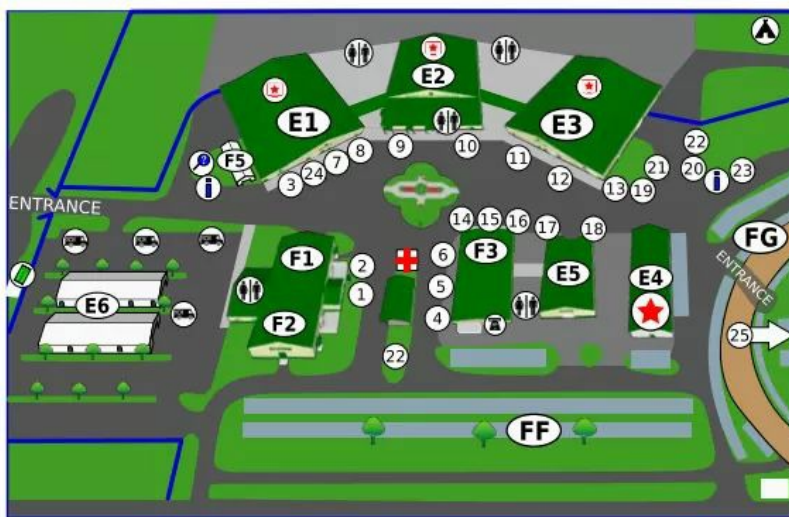
HAMVENTION is where the radio manufacturers reveal new radios for us. Kenwood and Yaesu premiered new radios this year.

I checked in to CAARA_Net on Sunday Night and returned to Boston on Monday via Laguardia Airport in NYC.

This year there was more to see and do and I thank the Dayton Amateur Radio Association for promoting the HAMVENTION.



Food Vendors



Food Vendors

- | | |
|---------------------------------------|---|
| ① Rader's Ice Cream | ⑭ Jean's Home Cooking |
| ② Louisiana Grill Bourbon Chicken | ⑮ Kettle Corn & Cheesecake on a stick |
| ③ The Tin Cup Tea Cart | ⑯ Hamburgers & Breakfast Sandwiches |
| ④ R + B Food Breakfast Sandwiches | ⑰ Steak on a Stick |
| ⑤ Hawkins Family BBQ | ⑱ Soft Serve Ice Cream |
| ⑥ Greene Co. Cattlemen | ⑲ Fish Caboose |
| ⑦ Down's Cajun Food | ⑳ Rib-in-it-ribs |
| ⑧ Steak on a Stick | ㉑ Los Marchese's Mexican Food |
| ⑨ Cork & Bottle Grilled Pork Chops | ㉒ Beer Tent |
| ⑩ Granny Framers Noodles | ㉓ Mr Mojo coffee |
| ⑪ Pizza | ㉔ Young's Cheese Curds & Ice Cream |
| ⑫ Sausage | ㉕ Lions Club - water Flea Market Infield |
| ⑬ Corn Dog, Chicken & Fries | |



A few more photos of the Dayton event including a “selfie” of Bill- WZ1L highlighting the mass of humanity showing up to enjoy the hobby at the largest hamfest in the country every year! Looks like quite a venue of food vendors....

New Product Review Next Month

By Jon- K1TP



Next month I will give you a review of the my new Icom 7300 using the CW and SSB modes on 20 and 75 meters.

I sold my trusty Icom 7000 and LDG auto tuner on EBay for just over \$1000.00 and this new Icom 7300 with built in tuner cost me \$1049 with the rebate. So the radio upgrade really was a wash, I got a new radio for cheap money.

It is the hottest selling radio in ham radio with over 15,000 sold in the US already.

The large 4.3" color TFT touch LCD offers intuitive operation of functions,

settings, and various operational visual aids such as the band scope, waterfall function, and audio scope.

Like on the high-end rigs, the waterfall shows a change of signal strength over a period of time and allows you to find weak signals that may not be apparent on the spectrum scope.



Use the audio scope function to observe various AF TX/RX characteristics such as microphone compressor level, filter width, notch filter width and keying waveform in the CW mode. You no longer have to choose whether to listen to the audio or have the spectrum scope sweep for signals as the IC-7300's real-time spectrum scope offers the simultaneous operations found in some of the more expensive rigs! This means you can use either the spectrum scope or the waterfall to quickly move to an intended signal while

listening to the receiver audio. First impressions, I love it especially the non existent learning curve to use it and I love the display...

I also bought a Uniden 996P2 scanner, my first new scanner in ten years, because the Rockport Police Department went from conventional FM to P25 digital communications and I guess other towns will follow in the near future. I have programmed many scanners/radios over the years and you can take all that experience and throw it all out the window because it wont help you with this scanner!

I thought I might lose what is left of my mind trying to program this scanner from the front panel.....so I downloaded Freescan software " to make things easy".. Of course I also had to download the drivers for the supplied USB programming cable from Uniden and install them first. Next issue I will tell you about the adventures in programming I encountered....without swearing!

JUNE 2018



CAPE ANN AMATEUR RADIO ASSOCIATION

6 Stanwood Street
Gloucester, MA 01930

978-282-7645
www.caara.net

Repeaters on 145.130
224.900 & 443.700

| S | M | T | W | T | F | S |
|-----------------------------------|----|--------------------------------|----|----------------------------|----|--|
| | | Open House-5- 10pm | | | 1 | 2 |
| 3 Yukan Run Event | 4 | 5 Open House-5- 10pm | 6 | 7 | 8 | 9 BOD Meet Member- Lunch- Noon |
| 10 | 11 | 12 Open House-5- 10pm | 13 | 14 | 15 | 16 |
| 17 YMCA ROAD RACE | 18 | 19 Open House-5- 10pm | 20 | 21 | 23 | 23 FIELD DAY AT THE CLUB |
| 23 FIELD DAY AT THE CLUB | 26 | 26 Open House-5- 10pm | 27 | 28 YMCA ROAD RACE | 29 | 30 |