

November Meeting

Special points of interest:

- Next Meeting Friday, Nov 7th
- Visit the HCRA facebook page.
- Don't forget to check out hcra.org
- Visit Summits on the Air <http://www.sota.org.uk>

Don't forget this
year's raffle!

See Page 4 for details.



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Join us Friday November 7th at 7:30, in the Holyoke Medical Center Auxiliary Conference Center .

Scanning Today:

What's new in Scanners!

Presented by: Alex N1EBU & Bill N1JBS
From Lentini Communications, Berlin Ct



Come and see what's new in Scanners.
From the new scanners that have the complete Radio Reference database pre-programmed. Listening to the new public safety 700 Mhz band, APCO P25 digital format, and the latest in listening to trunked systems.

For directions to The Holyoke Medical Center Auxiliary Conference Center:

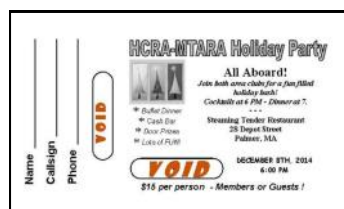
<http://www.hcra.org/meeting-location/>

Come join us for the 3rd annual

HCRA-MTARA Holiday Party

Join us for the 3rd annual HCRA-MTARA Holiday Party on Monday December 8th, 2014, at the holiday decorated Steaming Tender Restaurant, in Palmer, Ma. Cocktails start at 6 pm. Buffet style dinner at 7 pm. Door prizes and more! Cost is \$15.00

Tickets can be purchased at the November 7th, HCRA meeting, by contacting Eric LaCombe at w1mor@comcast.net, or by mail : HCRA, P.O.Box 562, Agawam, Ma 01001



RADIO AND CAPE COD

LARRY KRAINSON, W1AST

For 8 years now, Cape Cod has become one of our favorite locations for Faye and I to camp. Each year we spend at least 2 weeks in North Truro and love it. Each year we are there we discover more and more to explore and learn about and we can't get enough. We spend most of our time on the "lower" Cape that is the area between Chatham and Provincetown. The "upper" Cape is known as Harwich/Brewster to Bourne/Falmouth. It all has to do with elevations.

As everyone knows, there is a deep radio history that goes back over 100 years on the Cape. Just 8 miles south of where we camp is the historic Marconi Transmission site or what is left of it. In 2013, the 110th anniversary of Marconi's first successful transatlantic two way communication between Wellfleet, MA and Poldhu, England. He proved to all the naysayers that wireless can go around the globe.

Today, all that is left of Marconi's site, on a cliff overlooking Marconi Beach is an overlook where you might be able to spot one or more of the concrete anchor points from the original towers. The Atlantic ocean has been claiming more and more of the cliff and the tower bases have fallen in and become consumed by the ocean.



Up until 2013, there was a kiosk with a model of the original Marconi station. I make a yearly stop to see the changing views and the day I was there, the kiosk was being torn down as the encroaching ocean had gotten too close for people to stand on the kiosk and be safe of not falling over the edge of the 100+ foot cliff. The model and information has been moved into the ranger station where there is further information on the station's history. But it is certainly worth the view and the time to stop and learn.

For more information, click here:

<http://www.nps.gov/caco/planyourvisit/marconi-beach.htm>

After visiting the Marconi transmission site, the next stop is 20 or so miles south in Chatham. It's very easy to get to from Wellfleet, turn left onto Route 6 and go south (compass south). In Orleans, where 28 intersects, take 28 south (again compass south as the roads actually say you're heading in a different direction). It's an interesting drive, with lots of scenery, salt marshes and bays, some shops and beautiful scenery. As you drive south, you'll be looking for Ryder Cove on the left and the Chatham Marconi Maritime Museum on the right. You may see the tall towers with Osprey nests up top and the brick buildings on the right. Turn in here when you see the sign.

The museum is very interesting as it tells the story of how it started as a Marconi transmission site, how the Military took it over and was using it to send and receive and decode the enemy's transmissions and then how it eventually became a RCA transmission site. There is a lot to learn about and it's all very interesting. Plus they have a full working ham station there as well.

Here is the link:

<http://www.chathammarconi.org/>

Another stop, not directly related to Marconi but also very interesting is the French Cable Station Museum in Orleans. You actually drove past here on the way to the Chatham Marconi Maritime Museum as it's located across the street from the Christmas Tree Shops store. The French Cable museum is where the undersea cable than spans the Atlantic was laid. It went from Orleans to France. The station is famous for receiving news that Charles Lindbergh had landed in Paris and the info was then sent on to the rest of the United States. Other historic information was passed thru here as well.



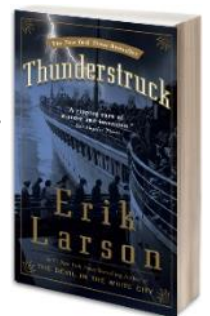
The French Cable Station was in use from 1891 thru 1959. The museum is intact as it was used originally. There are docents available to give you tours and explain how the station operated. While it is not wireless, it is still very interesting and full of radios and test equipment. It's worth a stop here.

Here is the link:

<http://www.frenchcablestationmuseum.org/>

There is a book I am currently reading called "Thunderstruck" by Erik Larson. It is a true account of Marconi's successful attempt at wireless transmission in the late 1800's and early 1900's. There is also a true murder story interweaved in the book. So far I am a little more than half way thru the book. I find that the story of Marconi is very interesting and the murder mystery no so interesting. Here's a description from the authors page:

"The saga of how the lives of the inventor of wireless and of Britain's second most famous murderer (after Jack the Ripper) intersected during one of the greatest criminal chases of all time. The inventor was Guglielmo Marconi, the young Italian genius; the killer was Hawley Harvey Crippen, who murdered his overbearing wife and fled Britain with his mistress, unaware that Scotland Yard was hot on his heels. The book—an instant *New York Times* bestseller—brings to life a host of forgotten characters, including spirit mediums, ghost-



hunting physicists, Scotland Yard inspectors, and one of the great pioneers of forensic science. The climax occurs during a trans-Atlantic chase which, thanks to the miracle of Marconi's invention, was followed by millions of people around the world—with Crippen and his mistress completely unaware."

Read more about the book and author here:

<http://eriklarsenbooks.com/the-books/thunderstruck/>

I am hoping that the non-Marconi section of the book picks up a bit as I wish the Marconi sections didn't stop. But the book is very interesting and informative. I rarely read anything but fiction (for my enjoyment that is). The book is sold everywhere including the Chatham Marconi Maritime Museum.

You can do all three places on the Cape in one day. But plan ahead as the French Cable Station Museum is only open a few days each week. So careful planning is needed to tour when they are open. The Chatham Marconi Museum is open all summer long, but again double check to make sure it will be open the day you visit, especially if it's not in summer. They did open special for me when I brought my scouts there this past April. The Marconi site in Wellfleet is open all the time.

If you are going to the "lower" Cape with kids or are looking for more than the above to do, drop me an email as I have a list of kid friendly, fun and interesting places to visit, tour, hike and explore.

73,

Larry, W1AST

wb1dby@comcast.net



SKYWARN RECOGNITION DAY

The annual SKYWARN Recognition day will be held on Saturday December 6, 2014. (0000-2400Z) This is the day when amateur radio operators visit the National Weather Service offices and contact other operators around the world. It helps strengthen the bond between the NWS and amateur radio operators. Ham radio operators play an important part during severe weather situations. Trained radio operators are the eyes and ears of the local NWS offices providing up to the minute information on current weather conditions. This enables the Weather Service to issue warnings and advisories that save lives, and property.

Please remember that this is NOT a contest!

The object of this event is to contact as many National Weather Service Offices as possible on 80 to 10 Meters as well as VHF & UHF, including repeaters. All modes including SSB, FM, AM, RTTY, CW, and PSK31. On digital modes the NWS stations will ID with "/NWS" after their callsign. They would also like you to provide a 1 or 2 word description of your current weather.

You can find more information at: www.wrh.noaa.gov/mtr/hamradio

MASSRADIO 2 METER FM CHALLENGE

Sunday, November 9th 7:00-8:00pm Eastern



massRadio is sponsoring a 2 meter FM sprint on Sunday November 9th and YOU are invited! This is a great opportunity to try contesting for the first time or to work old friends who you haven't talked to in a while. The minimum equipment you need is a 2 meter capable HT. That's it! There are separate categories for single operators at different power levels, multioperator and rover operations. The exchange is your call sign, name and the city and state where you are operating from. We are advertising this sprint in the greater Pioneer Valley from Southern Vermont to Northern Connecticut and there will be stations up in the hills trying to work stations along the valley. So find a suggested frequency and call "CQ Sprint", "Search and Pounce" the simplex frequencies to work stations calling CQ, or try both. Logs are due before 11:59pm Eastern the

next day (Monday) and can be emailed to w1msw@arrl.org. See www.massradiogroup.com for complete rules, suggested frequencies, paper log sheets and operating tips.

FROM THE SHACK



Thanks to all that attended the October meeting. The turn out was great, and I am sure a good time was had by all. We renewed friendships, memberships and enjoyed a great speaker.

The future of Hampden County Radio Assn. looks bright. We have excellent speakers lined up for the rest of the 2014-2015 year. Other radio things going on in the future are, the Holiday gathering, 10 meter contest, 160 meter contest, and in the further ahead future there is the NEQP where HCRA has a huge participation.

The HCRA officers and board members work very hard to make the club a success but I have to remind all of you that success can not be achieved without the membership support. We need your attendance at the meetings, participation and involvement in club activities. We ask that even though the major drive is over; please support your club by paying your \$15 dues.

Our guess speaker for November is Alex Lentini of Lentini Communications. He will be discussing scanners and scanning today. This is a very interesting topic, so if you know anyone that is interested in scanners, please bring them. We have an open door policy; you need not be a member to attend the meeting.

If you have difficulties getting to the meetings for one way or another, please contact one of the board members and we will do what we can do to get you to the meeting.

Remember to get you tickets for the KX3 Raffle, and the Holiday gathering.

A big thank you to all that already renewed, and welcome to all of our new members.

73 DE

Ed KB1NWH

Missed out on the last time we had badges available for order? Well have no worries because they're back! Break the ice and let others know who you are with a stylish new badge. Sorry, the old style badges are no longer available.

They are just \$12

To order go to hcra.org or see Larry W1AST



HCRA's raffle this year is going to be for a Elecraft KX3!

For a mere \$10 donation to the HCRA, you get a chance to win an assembled KX3 by Elecraft valued at around \$1000.

This is an very popular and excellent HF portable radio that has an [excellent receiver](#), low power consumption, can run on external power or 8AA batteries internally, it can transmit up to 12W and has plenty of options like an 100W amplifier, 2M module, pan adapter, ATU, Roofing filters, internal battery charger, custom CW paddle and others that can be added later.

HCRA has printed only 250 tickets and we will start selling them during field day 2014. Tickets will also be sold at meetings and other events throughout 2014 and part of 2015. The drawing will happen when all 250 tickets have been sold or during MTARA's Hamfest in March of 2015. Plenty of time to obtain your chance.

Raffle is just for the Elecraft KX3 Transceiver only. Microphone and paddles not included. Drawing Date Subject To Change.

Local happenings

Sundays: 0845: Western Mass Emergency Net 146.94, PL 127.3 - W1TOM/R

First Monday: Southwick Regional RACES Drill, 1845, 146.49 Simplex

Mondays: 1930: HCRA 10m Net 28.375

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

Wednesdays: 1930: MTARA Info net 146.94, PL 127.3 - W1TOM/R - includes NTS Net

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

2000: MTARA Simplex Net - starts on 146.94 - PL 127.3, then goes to 146.42 direct (simplex) Usually starts immediately following the swap net.

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

Fridays: 1200: BB's (Brown Baggers Luncheon)
Munich House
13 Center Street
Chicopee, MA 01013

Join the ARRL or renew your 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.arrl.org/membership>

Club meetings & VE sessions

1st Friday of the month 7:30 PM, HCRA Club Meeting, Holyoke Hospital Auxiliary Conference Center, 575 Beech St. Holyoke MA 01040 (no meetings held in July or August.)
<http://www.hcra.org/meeting-location/>

3rd Friday of the month 7:30 PM, MTARA Club meeting, Red Cross building 506 Cottage St, Springfield, Mass. (no meetings held in July or August)

4th Friday of the month 6:00 PM, Technician, General, and Extra Class License Exams, Holyoke Hospital Auxiliary Conference Center, 575 Beech Street, Holyoke, Mass. Hosted by the Western Mass VE Team (WMVET). Contact: David Cote, w1fab@arrl.net

Third Monday of the month 7:00 PM, Franklin County Amateur Radio Club meeting, Room S301, Greenfield Community College (no meetings held in July or August)
<http://www.fcarc.org/>

4th Monday of February, May, August, November 7:00 PM, FCARC VE Exams, Unitarian Church, Main Street, Northfield <http://www.fcarc.org/>

HCRA contact list

President, Ed LaCombe KB1NWH
kb1nwh@comcast.net
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k1yo@comcast.net
Skywarn Liaison, Eric Tuller N1QKO
et-n1qko@juno.com
VE Session Liaison, Dave Cote W1FAB
w1fab@arrl.net

DOTS & DASHES:

Things I can't think where to put, but are interesting.

SPECIAL EVENTS:

Waterloo, Ia is celebrating Veterans Day with The Five Sullivan Brothers Amateur Radio Club Specail Event station. The Five Sullivan Brothers were lost in WWII when their light cruiser was sunk by the Japanese Navy. For more info on the event: www.qrz.com/db/w0fsb For more info on the Sullivan Brothers: http://en.wikipedia.org/wiki/Sullivan_brothers

Celebrate the 151st Anniversary of Lincoln's Gettysburg Address from Nov 15 thru 23rd. 24.945, 18.150, 14.260, 7.185, other bands as prop allows More info: www.qrz.com/db/wo41 or www.qrz.com/db/w1g

Turkey Islands for Thanksgiving Expedition will be active Nov 23 & 23 on 28.370, 21.240, 14.260, 72.60 More info can be found at www.usislands.org or by contacting w4ybv@yahoo.com

Our fellow Mass Whitman Amateur Radio Club, in Plymouth will be celebrating The First Pilgrim Landing at Plymouth on Nov 29 & 30. Look for them on 18.160, 14.260, 7.260, 3.860 & echolink: WA1NPO-R IRLP: 8691. For more information www.walnpo.org

FREQUENCY MEASURING TEST

See how accurately you can measure W1AW/5 this month! The Frequency Measuring Test will begin 10:00 PM EST on Wednesday, November 12, 2014 (Thursday, November 13 at 0300 UTC). The standard Frequency Measuring Test format will be used, in which a single, unmodulated carrier is transmitted. Information on how to measure the frequency of a carrier is available at www.k5cm.com. All transmissions will be made from a single station in Oklahoma (K5CM). Submit the measured frequency using the data entry website provided by WA7BNM at, <http://www.b4h.net/fmt>. Results will be published immediately following the data entry deadline, which is 10:00 PM EST on Friday, November 14 (Saturday, November 15 at 0300 UTC). A Frequency Measuring Test certificate with the call sign W1AW/5 will be available to stations submitting a measured frequency within ± 10 Hz of any of the three transmitted frequencies. More info: <http://www.arrl.org/frequency-measuring-test>

INTERESTING HAM RADIO WEB SITES:

Get a custom printed Azimuthal Map

Use this form to create an azimuthal map for any location on the globe. You can customize the map in a variety of ways by changing the options in the web form.

<http://ns6t.net/azimuth/azimuth.html>

CONTESTING:

NOVEMBER / DECEMBER CONTESTS

- | | | |
|--------|---------------------------|--|
| Nov 1 | Radio Club of America QSO | www.radioclubofamerica.org |
| Nov 1 | ARRL Nov Sweeps (CW) | www.arrl.org/contest |
| Nov 8 | ARRL EME Contest | www.arrl.org/contest |
| Nov 8 | Kentucky QSO Party | www.wkdxa.com |
| Nov 15 | ARRL Nov Sweeps (PH) | www.arrl.org/contest |
| Dec 5 | ARRL 160Meter Contest | arrl.org/160-meter |
| Dec 13 | ARRL 10 Meter Contest | arrl.org/10-meter |

NOVEMBER W1AW PORTABLE CENTENNIAL QSO PARTY

- | | | |
|-----------------|------------------------------|---|
| Oct 29 – Nov 4 | W1AW/1
W1AW/7
W1AW/KP2 | Massachusetts
Wyoming
U.S. Virgin Islands |
| November 5 - 11 | W1AW/7
W1AW/0
W1AW/KH8 | Washington
Kansas
American Samoa |
| November 12-18 | W1AW/1
W1AW/5
W1AW/KH8 | Rhode Island
Mississippi
American Samoa |
| November 19-25 | W1AW/4
W1AW/5 | Florida
Arkansas |
| Nov 26-Dec 2 | W1AW/3
W1AW/5
W1AW/KP4 | Delaware
Louisiana
Puerto Rico |

**Hands-Only™
CPR**

**1**

Call 911

**2**

**Push hard and fast in
the center of the chest.**
Learn more at handsonlycpr.org

**American Heart
Association**
Learn and Live

FOR SALE:

If you have a piece of Ham Radio equipment to sell, send photo and details by the 20th of the month, to wal1mow@arrl.net. All submissions will be screened for appropriateness, and content. The decision to publish is at the discretion of the ZB Editor



For sale are a set of paddles by GHD Key and sell for \$229.95 new. I'm looking for \$100 Firm. These are smooth paddles and will make your cw sending very easy. Chrome paddles with red finger grips on a marble base. In excellent conditions as can be seen from the pictures.

Also for sale is a Kenwood external speaker. Matches the size of the TS-590 and TS-570 but matches the color of the TS-570. Still looks good next to the 590 or other rigs. In excellent condition, works great, original box & manual. New is \$84.95. I am asking \$60.

Contact Larry, W1AST at 413-348-3289 or wbl1dby@comcast.net



Specifications:	A50-3S	A50-5S	A50-6S	TEN-3
Frequency MHz	50-54	50-54	50-54	28-29.7
Number of Elements	3	5	6	3
Gain, dBi	8	10.5	11.6	8
Front to Back Ratio, dB	20	24	26	25
Side Lobe Atten. dB	25	25	25	25
SWR 1.2:1 Typical, 2:1 Bandwidth, Meter	>1	>1	>1	>1.5
Longest Element, in (cm)	117 (300)	123 (312)	119 (302)	18 (5.49)
Turning Radius, ft (m)	6' (1.8)	7.8' (2.37)	11.5' (3.5)	9.8' (3.0)
Bloom Length, ft (m)	6' (1.8)	12' (3.7)	20' (6.1)	8' (2.44)
Wind Load, ft ² (m ²)	1.80 (0.17)	2.9 (0.273)	4.46 (1.41)	2.0 (.20)
Max. Wind Surface Area	3.22ft ² (3m ²)	3.22ft ² (3m ²)	3.22ft ² (3m ²)	3.22ft ² (3m ²)
Max. Power Watts PEP	1000W	1000W	1000W	1500W
Weight, lb (kg)	7 (3.2)	11 (5.0)	18 (8.2)	9.9 (4.45)

For Sale used Cushcraft A50-6S – 6 element 6 Meter Yagi – \$100.

ROOBZILLA NOT INCLUDED!

Call Matt Wilhelm : (413)336-4701 or W1MSW@arrl.net

For Sale: 90 ft 75 ohm hardline. \$10.

Gent Lam, WA1CQF shortwrench@comcast.net

AREA SWAPFESTS:

Nov 8
Nov 29
2015

Bourne MA
Windsor CT

www.falara.org
www.vrcmct.org

Ralph N1YHS 508-548-0422
John 860-673-0518

Feb 14

Marlborough, Ma

www.n1em.org

fleamarket@n1em.org

Feb 14

Springfield, Vt

www.cvfm.org

Feb 15

Westford, Ma

www.nearc.net/swapmeetinfo.htm

Bruce 603-7727516

Feb 28

So. Burlington, Vt

www.ranv.org/hamcom.html

Mitch 802-879-6589

Mar 7

Chicopee, Ma

www.mtara.org

Mary 413-222-1990

Mar 14

Dayville, Ct

www.qsl.net/k1muj/hamfest/hamflea3.pdf

Peter 401-603-1485

Mar 15

Southington, Ct

www.chetbacon.com/flea2015.pdf

John 860-621-8791



Amateur Radio License Classes Nov 19th, 20th, and 22nd [Http://www.hcra.org](http://www.hcra.org)

Are you or do you know someone who's interested in amateur radio? The Hampden County Radio Association (HCRA) is holding classes for those interested in obtaining their Amateur Radio license. With a combination of these classes and at-home studying, it's possible to make it happen. Learn from experienced instructors who are active within the amateur radio community who are willing to help you along the way.



Dates and Times:

- Wednesday Nov 19th, 2014 – 6:00pm to 9:00pm
- Thursday Nov 20th, 2014 – 6:00pm to 9:00pm
- Saturday Nov 22nd, 2014 – 9:00am to 3:00pm
- VE Session: Saturday Nov 22nd, 2014 – 3:15pm (Walk-Ins Welcomed)



Where:

Holyoke Medical Center Auxiliary Conference Room
525 Beech St. Holyoke MA, 01040

Cost: Free / \$15 Exam Fee (Additional prices may include optional study material)

Due to the short amount of time, it's up to the candidate to do most of the studying at home before attending the classes. The classes will cover the exam questions, provide some details about the questions and help you to better understand the material needed to pass the exam.

Interested? Please Contact

Name: Jeffrey Bail (NT1K)

E-mail: NT1K@arri.net

Address: P.O. Box 0484, West Springfield MA, 01090

You can also sign up On-line by going to [Http://www.hcra.org](http://www.hcra.org) and clicking "Upcoming Classes" towards the top of the page. Please refer to website for directions and for any possible changes, delays or cancellations. At this time we're also trying to form study groups for those who are interested in upgrading to general or extra class license. Stay tuned!

HAMPDEN COUNTY RADIO ASSOCIATION

[Http://www.hcra.org](http://www.hcra.org)

Radiogrammer**Across**

1. Rock band Los ____
 6. Polite XYL title
 10. Cooper maker
 14. Amplifier connector label, say
 15. Light beige
 16. Coax elbows
 17. Loop type
 18. Apple competitor
 19. Phony DX
 20. Sign in a radio station
 22. Packet ckt.
 24. NTS rock band?
 27. Clues
 31. Bamboozle
 32. SV letter
 34. B4, of yore
 35. CW shorthand item
 37. Single- or multi-, in propagation
 38. Gator's cousin
 39. Knight's need
 40. NTS unit
 41. Type of feed
 42. Globe ____ transmitter
 43. ARRL volunteer official
 44. Prefix with -single
 45. Good report, using 35-acrosses
 46. W7 city
 49. 76, 77 and 78 maker
 50. Expressionless
 52. Illicit rendezvous station?
 54. Area net for 55-across
 55. Region net for 12-down
 56. Staff
 59. Brain wave
 61. Soldering tools
 65. OOTC members
 66. Jamaica

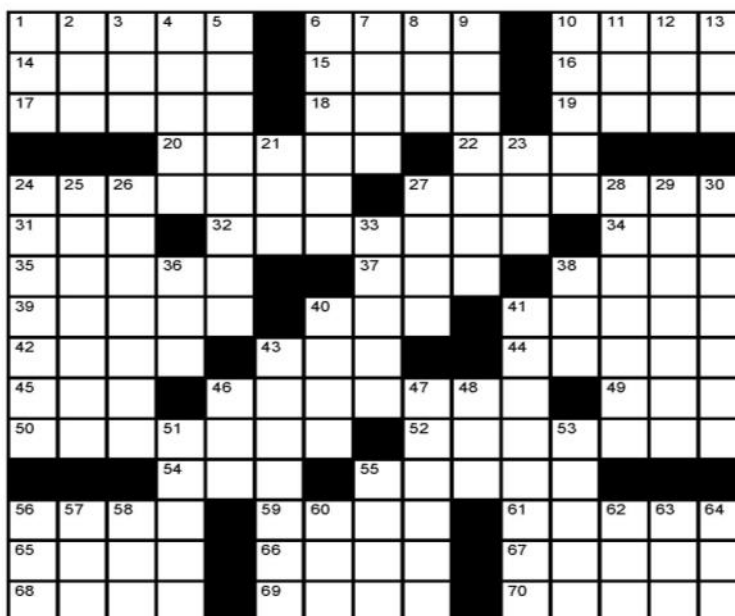
67. Bigger than picos
 68. Bosses on 40-acrosses
 69. Small dwellings
 70. Isle of Man prefix

Down

1. Needer of too many fills
 2. New year's nr
 3. Traffic handling award
 4. Words before band, on an FCC citation?
 5. W6YX
 6. Noble I-land family name
 7. Tennis whiz
 8. Characters before seventy three
 9. Entry class
 10. Early radio parts maker
 11. 9RN place

12. A 30-down, in W2-land
 13. An end to perfection?
 21. Ready follower?
 23. Transistor type
 24. Long haul 52-across
 25. Common preamble item
 26. Where a radiogram enters the ether
 27. Fox or turkey follower
 28. Guy wire hardware items
 29. ____ back
 30. ARRL unit
 33. Word count
 36. Batt. term. label
 38. 7 MHz timer
 40. Pre-LED amber light
 41. Spreading, as with cream cheese

43. EA talk
 46. Health resort
 47. Forever
 48. Humor newspaper nameplate middle
 51. Places to find antenna restrictions
 53. Filter maker
 55. RTTY conveyance
 56. Area net for 11-down
 57. RX ckt.
 58. Old video game inits.
 60. Was CR8, once
 62. Band breaker
 63. Dahdit, in F-land
 64. Dir. from W2 to LU

**ARE YOU READY?**

As I send this out, it is the 3rd anniversary of the "2011 Halloween Nor-easter". The storm dumped an average of 26" of snow, and resulted in 1.25 million homes without electricity. Some were out for up to 3 weeks in Northern Conn & Western Mass.



What lessons did we learn? We learned that we need to be ready for anything, and things do happen. We need to prepare, not only as radio operators, most importantly we need to be able to take care of ourselves and our families. We can't help others if we need help!

Now is the time to check and replace items in our Go-Kits, (One for each member of the family, including pets.) and our home disaster kits. Go to www.ready.gov for more information.

October's Puzzle



**Here is your exciting copy
of November's
Zero Beat!**

**Get your tickets for
HCRA - MTARA
Holiday Party Today!**

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