



# The *Airwaves*

Journal

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## Upcoming Meetings & Events

December 21st – IARC Breakfast at Bob Evans – 9:am (details inside)

December 25<sup>th</sup> – Christmas!!

January 1<sup>st</sup> – New Year's Day!!!

January 5<sup>th</sup> – IARC Meeting – 7:30pm (details inside)



**SKYWARN**

Ohio

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**Editor**  
**Scott Yonally, N8SY**  
Please send articles  
or comments to:  
[n8sy@n8sy.com](mailto:n8sy@n8sy.com)  
or phone:  
(419) 512-4445

## Wednesday Night Nets

Check-in on the nets on our  
146.940 repeater at 8pm local as  
well as our statewide net on our  
DMR repeater on 444.700 –  
TG 3139

Who knows, you might just  
hookup with an old friend or  
two.

## This Newsletter is for everyone!

Please feel free to pass along to anyone that  
might have an interest!!

Have them send me their email and they'll get  
it direct!

## National News

### Radio Anniversaries Abound in December

(from arrl bulletins)



December is the month in which three notable events in radio history occurred — the first radio transmission heard across the Atlantic Ocean in 1901, the first broadcast of the human voice and music in 1906, and the first successful transatlantic Amateur Radio HF transmissions in 1921.

#### ***Marconi's 1901 Transatlantic Transmission***

On December 12, 1901, Italian wireless pioneer Guglielmo Marconi succeeded in receiving the first transatlantic radio signal, transmitted from Poldhu, in Cornwall, England, to St. John's, Newfoundland, Canada. Marconi's team in Cornwall transmitted the letter "S" in Morse code, and this was heard by Marconi and his assistant George Kemp at a facility set up in Cabot Tower on Signal Hill in St. John's. On the Cornwall side, Marconi had erected a powerful

spark-gap transmitter feeding a massive antenna. The receiving team used a kite antenna. The experiment proved that radio signals could be transmitted beyond the line of sight, opening the door to global wireless communication.

An article in the December 2007 issue of *QST* suggested that absorption may have been less in 1901 than in the 21st century, perhaps contributing to the success of the feat, which occurred during daylight on the Canadian end.

#### ***Fessenden's 1906 Broadcast from Brant Rock***

On Christmas Eve 1906, experimenter Reginald Fessenden made what may have been the first radio broadcast to include speech and music. The transmission originated at Brant Rock, Massachusetts, about 30 miles from Boston.

As he's done in year's past, Brian Justin, WA1ZMS, of Forest, Virginia, will commemorate that first audio broadcast by operating WI2XLQ on 486 kHz this month, marking the 111th anniversary of the Fessenden's accomplishment. Historic accounts say Fessenden played the violin — or a recording of violin music — and read a brief Bible verse, astounding radio experimenters and shipboard operators who heard the broadcast. "Since we now have a ham band on 630 meters, I will have a shorter transmission period this year that will only cover the Christmas holiday," Justin told ARRL. That's because he hopes to be active on the new band himself.

Justin will begin his transmission on December 24 at 1700 UTC and continue until December 26 at 1659 UTC. For his transmitter in 1906, Fessenden used an ac alternator modulated by placing carbon microphones in series with the antenna feed line.

Justin's homebuilt station is slightly more modern, based on a 1921 vacuum tube master oscillator power amplifier (MOPA) design, using a UV-202 tube. The transmitter employs Heising AM modulation, developed by Raymond Heising during World War I. [Send](#) listener reports directly to Brian Justin, WA1ZMS.

### ***The ARRL Transatlantic Tests Revisited***

In 1921, ARRL sponsored two series of transatlantic tests to see if signals from previously qualified Amateur Radio stations could be heard at a receiving station in Ardrossan, Scotland. The second series succeeded, with several ham stations heard on the receiving end, using equipment far superior to what had been available to Marconi just 20 years earlier. "[The Story of the Transatlantics](#)" chronicled the events in the February 1922 issue of *QST*, to great fanfare. As Mike Marinaro, WN1M, recounted in "[The Transatlantic Tests](#)," in May 2014 *QST*, the first signal "unofficially" heard in Scotland was actually that of a pirate, identifying as 1AW and not using the prearranged transmission format.

The "rough listening post" in Scotland, staffed by receiver designer Paul Godley and D.E. Pearson of the Marconi Company, was equipped with a superheterodyne and regenerative receiver connected to a 1,300-foot Beverage antenna, 12 feet above ground.

On December 10, the CW signals of official entry 1BCG, owned by Minton Cronkhite, "were solidly heard on 230 to 235 meters," Marinaro wrote in 2014. "This signal derived from the specially designed and constructed station of the Radio Club of America at Greenwich, Connecticut — the only station heard that morning."

Connecticut radio amateur and radio history buff Clark Burgard, N1BCG, will be among those celebrating the 96th anniversary of the first transatlantic shortwave transmission in Greenwich, Connecticut. Several other stations will take part by establishing contacts between the US and Europe, including GM7VSB in Ardrossan, Scotland.

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## **IARC Meeting Minutes**

InterCity Radio Club  
Monthly Meeting  
December 1, 2017

President Duane Meadows, K8MDA, called the meeting to order at 7:30 pm.

Minutes – Minutes of Nov. meeting where approved as submitted.

Financial Report - presented by Harry Mains, N8XMI.

Health and Wellness – Cath Swank brought it everyone's attention that Dave Pesec has passed away and being as he was a past club president the club should make a donation of \$50 in his memory to a charity of his family choice as the club has done for past club presidents. Harry Mains, N8XMI, will send a check on behalf of the club.

Tech Committee – Dave Weigold, N8DPW reported that parts are still on backorder. Also please do not call the EMA Director when looking for equipment.

Contact Duane or someone on the tech team. Dick Fletcher, N8CIS, mentioned that not everyone has a crimp tool for power pole connector. Duane said he would be happy to bring his to meetings if anyone would want to use.

ARES – Duane Meadows, K8MDA – qualification program is being changed to a 2-tier program based on completion of ICS classes. If you are interested in participating fully (Tier I) you will to have completed ICS 100, 200, 700 and 800 and have submitted your certificate of completion to be registered in the state data base. If you have not completed these courses you will only be able to help with races, parades, community based events only (Tier II). Scott Yonally, N8SY, reported there are currently over 600 ARES members who have completed courses and registered.

Education – There will be a tech class scheduled for late January.

### Old Business

### New Business

HAMFEST – door prizes have been ordered from R & L. See Scott, N8SY, for tickets to sell or buy. Danny Bailey is still doing table sales. We will need volunteers for set-up. Steve Barr, N8SMB, submitted the following invoices for HAMFEST mailing:

PCTC, printing - \$94

PCTC, Labels - \$16.94

Bulk postage - \$306.07

Dave Weigold, N8DPW, moved to pay submitted invoices, second by Scott Yonally, N8SY. Motion carried.

Duane asked for a brief Board meeting after this meeting.

Dave Weigold, N8DPW moved to adjourn meeting, seconded John Ness, K8NJ. Motion carried. Meeting adjourned at 7:55 pm.

Respectfully submitted  
Jane Yonally, KB8YPW  
Secretary InterCity Radio Club

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### IARC Breakfast

Hey Gang,

Did you know that IARC has a Breakfast gathering every 3rd Thursday of the month? It's true and very well attended. If you have the time we'd love to see ya' at the next breakfast. The next Breakfast will be Thursday – **December 21st @ 9am** – at the Bob Evans on Hanley Road.

We sure hope to see ya' then!!



### Secured Area on the IARC.Club Website

Hey Gang,

There is a “secured” area on the club website, have you visited it yet? This is for members only. You do have to complete a registration form first. Once completed and approved, you will be allowed access into this “secured” area. This particular area is for members only. The rest of the website is open to anyone and we hope that you do share all of the information that is on the open portions of the website with you friends.

Here’s a link to get you signed up for the “Members Only” pages: <http://iarc.club/registration.html>

Oh, by the way, you can no longer access the IARC website via <http://iarc.ws> . The club decided at the September meeting not to renew that particular domain name so it has been dropped altogether. You still can access the IARC website via [w8we.org](http://w8we.org) or [iarc.club](http://iarc.club) as always. I would strongly suggest that you visit the club website often to get the latest information about our club meetings, VE Testing and all sorts of other Ham Radio news.

**NOTE:** for those of you that had your [yourcall@iarc.ws](mailto:yourcall@iarc.ws) please take note that this email address is no longer available.

### IARC Board

#### **President**

Duane Meadows, [K8MDA](#)

#### **Vice President**

Danny Bailey, [W8DLB](#)

#### **Secretary**

Jane Yonally, [KB8YPW](#)

#### **Treasurer**

Harry Maines, [N8XMI](#)

#### **Board for 1 year**

John Ness, [K8NJ](#)

#### **Board for 2 year**

Henry Koenig, [WD8Q](#)

#### **Board for 3 year**

Scott Yonally, [N8SY](#)

#### **Corporate Agent**

Harry Frietchen, [K8HF](#)

### **Repeater Trustees**

K8RT/R 146.940

Jack Weeks, [K8RT](#)

K8HF/R 147.360

Harry Frietchen, [K8HF](#)

N8DPW/R 444.700

David Weigold, [N8DPW](#)

N8WLC Portable Repeater

Dick Hensel, [N8WLC](#)

Club History

Did you know where the club call actually came from? You can find that information, along with a lot of other interesting facts about InterCity on the website. I am still going through a lot of old information and getting it all posted on the website.

Did you know that next year InterCity will be celebrating 85 years of Affiliation to the ARRL? It's true, we were formed and Affiliated back in 1933. Here's a link for you: [http://iarc.club/about the club.html](http://iarc.club/about_the_club.html)

For Sales



Got something that you want to sell? Send you list of items to me at [n8sy@n8sy.com](mailto:n8sy@n8sy.com) and I'll get it posted in the next edition of Airwaves..

Oh, by the way, you can also find these items listed on the Swap & Shop portion of the website. Just go to: <http://iarc.club/s-s.html> for the latest listings

**For Sale: Kenwood TS-830S**

Tribander new in 2008, up 35 ft, tower to remain

Kenwood mobile, model unknown

Mobile antenna

For more information contact:  
Mabel Markwell, KA8ISP  
Phone: 419-589-4540  
Email: [mlm36@aol.com](mailto:mlm36@aol.com)



09/07/2017

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**For Sale: Clegg Apollo Six - 6 meter linear amplifier. \$325.00 or best offer**

Contact Tom Bence, WB8CQW at: 419-756-8079 or email him at: [bencetobe@neo.rr.com](mailto:bencetobe@neo.rr.com)



10/14/17

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**For Sale: TailTwister** series rotator with controller. Asking \$330, or best offer.

Contact Tom Bence, WB8CQW at: 419-756-8079 or email him at: [bencetobe@neo.rr.com](mailto:bencetobe@neo.rr.com)



10/16/17

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**For Sale: Hy-Gain TH6DXX (5 band) and Cushcraft D3W (12, 17 and 30 mtrs)** antennas in pretty good shape.



Also have a **Ham V (5)** rotor with control box.

E-mail me and we'll work a deal. Contact Bob, KN8M at: [rortasic@neo.rr.com](mailto:rortasic@neo.rr.com)

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**Next IARC V.E. Test Session will be held on January 20th**

All test sessions will start at 1pm  
People's Community Center  
597 Park Avenue East  
Mansfield, OH 44905



For more details or other V.E. Test Sessions, visit: <http://iarc.club/ve-testing.html>

### Interested in Joining IARC

If you've not joined IARC, or just haven't renewed yet, we want to encourage you to do so now.



### Dues are still just \$12

It's just a lot of fun and great ham talk!  
There's always something of interest at the meetings.

Please send your dues to:  
Harry Mains, N8XMI  
593 Woodcrest Drive  
Mansfield, OH 44905

Or, better yet, bring them to the next club meeting!! We meet every 1st Friday of the month (except July & August) at 7:30, at:

People's Community Center  
Community Room  
597 Park Avenue East, Mansfield, OH.

For your convenience, you can also pay by credit card or PayPal.. [http://iarc.club/mem\\_page.html](http://iarc.club/mem_page.html)

*Merry Christmas to all,  
and to all a good night!!*

