



The Airwaves

Journal

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Upcoming Meetings & Events

IARC dues are now past due – (details on back page)

December 07 – IARC Peel & Stick Meeting – 7:30pm (details inside)

December 20th – IARC Breakfast Club – Bob Evan's on Hanley Road – 9:00am



SKYWARN

Ohio

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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

New WSJT-X 2.0-rc5 Beta Version Now Available, First “Serious” FT8 Contest this Weekend

(From ARRL Bulletins)

A fifth “candidate release” — or beta version — of *WSJT-X 2.0* now is available for download and use by beta testers. *WSJT-X* Developer Joe Taylor, K1JT, says *WSJT-X 2.0-rc5* is stable, works well, and fixes known problems in RC4, the most-recent beta version released in mid-November.



“It is likely that the General Availability (GA) release of *WSJT-X 2.0*, scheduled for 2 weeks from today, will be nearly identical to RC5,” Taylor said on November 26. He also announced that a final FT8 “practice contest” would take place on Saturday, December 1, 0200 – 0300 UTC (Friday evening, November 30 in North American time zones).

The first “serious” FT8 contest — the [FT8 Roundup](#) — is set for the December 1 – 2 weekend. In the brand-new operating event, radio amateurs worldwide will contact and exchange information with other amateurs using FT8 on 80, 40, 20, 15, and 10 meters. Any station may work any other station. The exchange is signal report and state/province for US and Canadian participants. Non-US/VE stations will transmit a signal report and consecutive serial number starting with 001.

Taylor also noted that the [ARRL RTTY Roundup](#) January 5 – 6 will, for the first time, permit the use of FT8 as well as traditional RTTY.

Changes in RC5 relative to RC4 include correcting the “worked before” logic for color highlighting, removing the 5-minute mouse timer, displaying and logging in UTC for contests, improving the layout of Working Frequencies and Station Information tables, and allowing deletes and editing in Fox and Contest log windows.

“You may need to invoke Settings | General | Colors | Reset Highlighting on your first program start with this version,” Taylor said. Comments and suggestions have been streaming into the *WSJT* Development Team via the *WSJT-X* Development reflector. The [Quick-Start Guide to WSJT-X 2.0](#) has again been updated to reflect the changes.

The Development Group recommends using RC5 in the conventional FT8 sub-bands at audio transmit frequencies of 2,000 Hz and higher. The latest beta versions are not backward compatible. Users of version 1.9.1 and earlier will be unable to decode RC4 and later transmissions, and vice-versa, Taylor pointed out. “As more users upgrade their software to *WSJT-X 2.0* — and particularly after the General Availability release on December 10 — the new protocol should start to dominate the conventional FT8 sub-bands,” Taylor said. “As soon as possible after December 10, everyone should upgrade to *WSJT-X 2.0*.” He urged those on the email reflector to spread the word that upgrading to version 2.0 after December 10 is very important. “There will be no looking back!” he said. [Download links](#) for RC5 on Windows, Linux, and macOS are found on the *WSJT-X* web page.

Users finding any unexpected behavior with *WSJT-X 2.0-rc5* should subscribe and send a detailed report to the [WSJT-Development reflector](#).

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Reminder: SKYWARN Recognition Day 2018 is December 1 UTC

SKYWARN™ Recognition Day ([SRD](#)) 2018 takes place on Saturday, December 1, from 0000 until 2400 UTC. Developed in 1999 by the National Weather Service (NWS) and ARRL, SRD celebrates the contributions that SKYWARN volunteers make to the NWS mission, the protection of life and property.

During SKYWARN Recognition Day, special event stations will be on the air from NWS offices, contacting radio amateurs around the world.

“Amateur Radio operators comprise a large percentage of the SKYWARN volunteers across the country,” the NWS announcement said. “Amateur Radio operators also provide vital communication between the NWS and emergency management, if normal communications become inoperative.”

The object of SRD is for all amateur stations to exchange contact information with as many National Weather Service stations as possible on 80, 40, 20, 15, 10, 6, and 2 meters plus 70 centimeters. Contacts via repeaters are permitted. Stations should exchange call sign, signal report, and location plus a quick description of the weather at your location (e.g., sunny, partly cloudy, windy, rainy, etc). EchoLink and IRLP nodes, including the Voice over Internet Protocol Weather Net ([VoIP-WX](#)), are expected to be active as well.

Stations will employ various modes, including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append “NWS” to their call signs (e.g., NØA/NWS). It’s suggested that during SRD operations a non-NWS volunteer serve as a station control operator.

Event certificates are electronic and printable from the main website at the conclusion of SRD. Submit SRD log summaries using the [online submission form](#).



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>

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 20th @ 9am** – at the Bob Evans on Hanley Road.



We sure hope to see ya' then!!

IARC Board

President

Duane Meadows, [K8MDA](#)

Vice President

Danny Bailey, [W8DLB](#)

Secretary

Jane Yonally, [KB8YPW](#)

Treasurer

Harry Maines, [N8XMI](#)

Board for 1 year

Henry Koenig, [WD8Q](#)

Board for 2 year

Scott Yonally, [N8SY](#)

Board for 3 year

Dave Weigold, [N8DPW](#)

Corporate Agent

Harry Frietchen, [K8HF](#)

Repeater Trustees

W8WE/R 146.940 (-)

K8HF/R 147.360 (+)

Harry Frietchen, [K8HF](#)

W8WE/R 444.700 (+ DMR)

Club License Trustee (W8WE)

Harry Frietchen, [K8HF](#)

Electronic Equipment Disposal

Hey Gang,

Got some old computer equipment or TV's that you just don't want anymore, and they aren't worth anything? I've got a great way of helping you get rid of them without breaking the bank, and it will help our community by providing jobs to our local economy. Let me introduce you to - Disposal Services from Richland Newhope. Your materials may be dropped off during normal business hours at: 971 West Longview Ave., Mansfield, OH 44906. Now if this is not convenient for you, you can also schedule for pickup by calling: 419-774-4496, extra charges will apply however.

Here's what they will take, and what they charge.

IT Electronics: this includes equipment required for PC or Server functionality, including desktop PC's, laptops, servers, routers, network equipment, tablets, docking stations, smart phones No Cost \$0.00

Data Destruction (Shredding hard drives) **\$6.00 per unit**

Batteries (Alkaline, NICD, NIMH, LI, and lead acid less than 30lbs) **\$1.00 per pound**

CRT Monitors/ Terminals/TV's **\$0.30 per pound**

LCD/Plasma TV's and LCD Monitors broken and less than 17" **\$0.30 per pound**

Printers, Copiers and Fax equipment **\$0.15 per pound**

Non-IT Electronics **\$0.15 per pound**



Wednesday Night Nets

Come join us each Wednesday evening at 8p for the Richland County ARES Net on the Mansfield 146.94 Repeater, W8WE/R.

Also, come join us on the DMR Net each week too. That Net is on the Ohio Talkgroup 3139 at 8:30p Wednesday's

ARES Connect

ARES Connect

Instructions to Register

Enter ARES Connect

Have you registered in the new ARES Connect yet? You'll want to for sure. It's the new reporting system for all of ARES in the country. Yes, it will replace our current system in a few months, so you'll want to get registered now so that you'll be used to what all the features do and how to report **before** we have to go completely onto this new system.

It's really easy to get registered. All you have to do is click on this [link](#) to get you started. Answer a few questions and it's all done, you'll be registered. Then you will want to get yourself registered for all the various events that are there. It's really easy to do and that's it, your hours for participation will be automatically recorded! How much easier than that can it be.

November IARC Meeting Minutes

Monthly Meeting – November 2, 2018

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

Financial report –Harry, N8XMI, informed members the club paid \$50 to the state for taxes. Henry WD8Q, moved to accept report as read, second by John, K8NJ. Motion carried.

Minutes –

Health and Wellness – Dan Baker, AB8SI is facing numerous health challenges. Dicks', N8CIS, wife had surgery recently.

Education – Duane, K8MDA - reported a good turnout for the class.

PIO – No report

Tech Committee – No report

ARES – Danny, W8DLB – reported the sheriff's department has been too busy to set-up a fox hunt at this time. Danny also reminded everyone to complete their ICS courses. Duane, K8MDA, reported the repeaters are running well and that the statewide DMR is still acting up.

ARRL – Danny, W8DLB, reminded everyone to register for ARES Connect.

Old Business –

Hamfest – Door prizes - Duane, K8MDA, the Yaesu FT-891 is currently on sale for \$579 (a \$80 discount). Danny, W8DLB, moved to purchase the Yaesu FT-891, second by Tom, KB8USX. Discussion was held and it was decided to also purchase 2 Baofeng radios, and a DMR dual band. John, K8NJ and Duane, K8MDA, will purchase the radios from either Universal or R&L, whichever has the best discount.

New Business –

Hamfest - Danny, W8DLB, suggested holding an auction during the Hamfest. It was decided to table this suggestion until 2020. Danny, W8DLB, also suggested selling tickets for a 50/50 drawing for \$1 a ticket or 6 tickets for \$5 which everyone decided was a good idea for the 2019 Hamfest.

Dick Fletcher, N8CJS, suggested a project to build dummy loads. QST has a good article on how to build one. Duane, K8MDA, asked how many are interested in building projects. Henry, WD8Q, stated that costs for projects would need to be kept down.

Lee, N8LFK, reported the Ashland Skywarn training went well and the weather service is looking for snow watchers. The Ashland Radio Club did receive a community grant for \$3700.

Henry, WD8Q, moved to adjourn the meeting, second by Roy Hostetter. Meeting adjourned at 8:25 pm. Respectfully submitted, Jane Yonally, KB8YPW, Secretary, InterCity Amateur Radio Club

For Sales



Got something that you want to sell? Send you list of items to me at n8sv@n8sv.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:

Black Tarheel 75 mobile screwdriver antenna 10 Meter Thru 80 Meter with 6ft black whip Included Ancillary Equipment:

- * Manual Control switch with 20ft of cable
- * Mount MT1S
- * Capacitance Hat CH1B Black



Yaesu FT-100D mobile transceiver with original box, manual, schematics and microphone with new cable and PTT switch.

I recently used it on 20m and 80m when my FT-857D was in for repair. It has not had much use on VHF/UHF or 6M .



Third party separation kit included with the caveat that there is no mount for the face plate. I used a cellphone holder when I used it in a mobile installation.

Yaesu Tune Control for Yaesu FT-100D, FT-857D and FT-897 manufactured by The Better RF Company (No longer manufactured) Makes the Tune button on your Yaesu radio emit lower power for tuning in any mode and also can interface to some Icom tuners and other devices.

TYT MD-380 DMR Digital Transceiver -- Lightly used!

Please contact Paul, WD8OJL at 419-528-8883 via voicemail, text or email WD8OJL@neo.rr.com



For Sale:

Philmore 3 amp Regulated Power Supply. This little unit will power most any hand-held radio or similar device. It puts out a full 13.6 volts at 3 amps with no sweat. Used some in my shop - \$5



Linksys WRT54G Wireless Router. Great for building a MESH Network. Comes with wall adapter and program - \$5

Please contact Scott, N8SY at n8sy@n8sy.com or 419-512-4445

For Sale:

Ham 4 rotor, control box & rotor cable

TH6DXX beam

3 band rotary dipole

4 position antenna switch

Please contact W8NW 419 564-1673 or email DHomerick@neo.rr.com

Next IARC V.E. Test Session

Upcoming Test Sessions for 2019

- January 19 – 1pm
- February 18 – 12 noon (Mansfield Hamfest)



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 now PAST DUE.** They are always due by September 1st of each year. So now is a great time to get your dues in so that you don't forget!



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!!

December 7th

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