



# The Airwaves

## Journal

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### Upcoming Meetings & Events

June 21<sup>st</sup> – IARC Breakfast Club – Bob Evan’s on Hanley Road – 9:00am

June 23/24 – Field Day South Park in Mansfield

June 28, 29 and 30 – Ashland Ballonfest – need volunteers

July 7 – Airport Day at Mansfield Lahm

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**Editor**  
**Scott Yonally, N8SY**

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or phone:

(419) 512-4445



**SKYWARN**

*Ohio*

### 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!

### 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.

## National News

### **ARRL Drone Transmitters Complaint Spurs Proposed \$2.8 Million FCC Penalty**

(from arrl bulletins)



In the wake of an investigation resulting from a 2017 ARRL [complaint](#), the FCC has proposed fining HobbyKing and associated entities \$2.8 million for apparently marketing noncompliant RF devices and failing to comply with Commission orders. According to a June 5 FCC *Notice of Apparent Liability* ([NAL](#)), HobbyKing appears to have sold audio/video transmitters (A/V) intended for use with unmanned aircraft, such as drones, marketing them as Amateur Radio equipment in some instances.

“The Enforcement Bureau previously issued a *Citation* notifying HobbyKing of its legal and regulatory obligations and ordering it to cease and desist from marketing noncompliant equipment,” the FCC said in the *NAL*. “Additionally, the Bureau issued a *Citation* against HobbyKing for failing to fully respond to a *Letter of Inquiry*. Despite these *Citations*, HobbyKing has continued its apparently unlawful practices.” HobbyKing had denied that it was marketing its drone transmitters to US customers, but ARRL’s January 2017 complaint pointed out that ARRL Laboratory Manager Ed Hare, W1RFI, was able to purchase two drone transmitters from HobbyKing and have them shipped to a US address for testing in the Lab.

In his 2017 letter to the FCC Spectrum Enforcement Division, ARRL General Counsel Chris Imlay, W3KD, described the transmitters as “blatantly illegal at multiple levels,” and noted that they used frequencies intended for navigational aids, air traffic control radar, air route surveillance radars, and global positioning systems and not Amateur Radio frequencies, as the marketer had purported.

ARRL told the Enforcement Bureau in 2017 that the devices “represent a real and dangerous threat to the safety of flight, especially when operated from a drone platform that can be hundreds of feet in the air.” Hare and ARRL Lab staffers Mike Gruber, W1MG and Bob Allison, WB1GCM, tested the units. Imlay credited ARRL Central Division Director Kermit Carlson, W9XA, and the Electromagnetic Compatibility Committee he chairs, for calling attention to the issue and prompting ARRL’s action.

In a related [news release](#) this week, the FCC said that while HobbyKing represented that its transmitters operated in designated Amateur Radio bands, the Commission’s investigation uncovered that 65 models could also apparently operate outside of the ham bands. The FCC noted that Amateur Radio equipment used to telecommand model craft are limited to 1 W (1,000 mW), but three transmitters included in the *NAL* “apparently operate at significantly higher power levels of 1,500 mW and 2,000 mW.”

“The Commission generally has not required amateur equipment to be certified, but such equipment must be designed to operate only in frequency bands allocated for amateur use,” the *NAL* said. “If such equipment can operate in amateur and non-amateur frequencies, it must be certified prior to marketing and operation.” The FCC also said in its *NAL* that consumers who own such HobbyKing devices “should cease using them immediately or risk enforcement action.”

The FCC this week also issued an [Enforcement Advisory](#) cautioning that drone transmitters must comply with FCC rules in order to be marketed to customers in the US, and that operators must comply with FCC rules.

“However, many A/V transmitters that purport to operate on amateur frequencies also operate on frequencies that extend beyond the designated amateur frequency bands,” the advisory said. “If an A/V transmitter is capable of operating outside of the amateur frequency bands, it cannot be advertised, sold, or operated within the United States without an FCC equipment certification. Individuals without an amateur license may not use such radio equipment, if it is designed solely for use by amateur licensees.”

Imlay said the FCC action addressed “another of many instances in which unscrupulous importers import and market products in the US touted as Amateur Radio equipment but actually marketed to the general public, and which, in this case, have a high potential for abuse and interference to other radio services and to radio amateurs.” Imlay characterized the FCC *NAL* as an important “line in the sand” aimed at keeping companies from encouraging the general public to use the amateur bands without a license.

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### IARC Meeting Minutes

InterCity Radio Club  
Monthly Meeting, June 1, 2018

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

Minutes – Secretary Jane Yonally, KB8YPW read the minutes of the April meeting. Scott, N8SY moved to accept minutes as read, second Harry, K8HF. Motion carried.

Financial Report - presented by Harry Mains, N8XMI. Motion to accept by Henry, WD8Q, second by John, K8NJ. Motion carried.

Health and Wellness –Dan Baker, AB8SI had a stroke and is recovering at home. Dick Fletcher, N8CJS had knee surgery and is the Mt. Gilead hospital for physical therapy. Dave, KD8MSZ mother has passed away. Rueben Fetterhoff, WY8C is now a Silent Key.

Tech Committee –

ARES – Danny, W8DLB – Please contact Danny if you wish to volunteer/help with any of the following events.

- June 9 - Safe Boating at Pleasant Hill
- June 10 – Miss Ohio Parade. Will meet at 10:30 am at Richland Bank on Marion Ave. for assignment.
- June 16 and 17 – Mohican 24 hour run
- June 23 – Field Day at South Park Pavilion.
  - The Board has approved to pay the \$50 reservation fee to insure the pavilion for club use.
  - Meal at 6 pm. Hamburgers, hot dogs, brauts, potato and macaroni salad provide. Bring a covered dish to share.
  - Duane, K8MDA asked for volunteers to help with antenna set-up
  - Henry, WD8Q requested more CW operators participate
  - Duane, K8MDA encourage everyone to bring family and have them participate
- June 28, 29 and 30 – Ashland Ballonfest – need volunteers
- July 7 – Airport Day at Mansfield Lahm

Education –

PIO –

ARRL- Scott, N8SY, ARES Connect launch is set for June 11. EC's will need to be registered first, then others. Link is on the Ohio Section Website. If you don't have a computer Danny, W8DLB can take care of your registration.

**Old Business -**

**New Business**

Duane, K8MDA brought up the fact that the club's current generator creates a lot of noise and stated he would investigate to see if it could be repaired. Danny, W8DLB moved that if the club approve up to \$1000 for use in either the repair of the current generator or the purchase of a new generator, John, KD8WPE seconded. Motion carried.

Duane, K8MDA opened the floor for nominations for board member position. No nominations were forthcoming. Dave Weigold, N8DPW is the only nomination (made at the May meeting).

Duane, K8MDA asked for a volunteer to make coffee for meetings.

Scott, N8SY moved to adjourn meeting, second by Danny, W8DLB. Motion carried. Meeting adjourned at 7.30 pm.

Respectfully submitted  
Jane Yonally, KB8YPW  
Secretary InterCity Radio Club

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**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>

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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 Trusee (W8WE)**Harry Frietchen, [K8HF](#)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 – June 21<sup>st</sup>** @ **9am** – at the Bob Evans on Hanley Road.



We sure hope to see ya' then!!

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**



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### 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

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### 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:**

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](mailto:DHomerick@neo.rr.com)

05/25/18

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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)



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**Next IARC V.E. Test Session**

**Upcoming Test Sessions for 2018**

- **July 21 – 1pm**
- **October 20 – 1pm**



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

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### 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)