



February 2024

RF Carrier

A Publication of the Dayton Amateur Radio Association

President's Message

By Ron Doyle, N8VAR

This month's message is going to be short. February has been a busy month. We had HamCation, and I was able to go to Florida for that. We also had Tech Fest.

Florida weather was great this year even though they had had some cool weather before we went down; however, it had gotten a lot better, and was very pleasant while we were there.

It looked like a great turnout to me with lots of people in the buildings. We had a lot of people stop by the Hamvention booth, and a lot of those people said they were going to try and make it up to Dayton this year. The YouTuber's were out in force and several stopped by the booth and interviewed Jim Storms. I have heard several reports that club members saw the booth and interviews so we got some great exposure from the YouTube hams.

Next month we will have a report on the Tech Fest.

Ron Doyle
DARA President

March Calendar

- Mar 1st Monthly meeting
- Mar 9 2:00pm at DARA Club House - DMA Single Board Computer SIG meeting
- Mar 12 7:00pm at DARA Club House - Hamvention Meeting
- Mar 13 7:00pm at DARA Club House - Planning Council Meeting
- Mar 19 7:00pm at DARA Club House - Board Meeting

Continued on Pg. 2

Thanks to Jim Nies, WX8F for compiling the newsletter.

Repeaters

W8BI..... 146.34/146.94 PL 123
W8BI..... 223.34/223.94 PL 123
W8BI..... 447.100/442.100 PL 123
ATV..... 439.25/421.25
 144.34-comm
D-Star..... 144.67/145.27 & 147.705/147.105
 449.0875/444.0875 & 448.050/443.050

Address Change & Membership

Dues are payable July 1 each year. Regular membership dues are \$10 each year, with \$3 additional per family member living in the same household..

Contact Membership Chair Jeff DeVoe, K8JTD at PO Box 44, Dayton OH 45401 to pay dues, change your address, or **update any personal information appearing in the DARA Membership Directory.**

If you have any questions about your membership or key fobs you can contact

Jeff at membership@w8bi.org

President's Message (Continued)

By Ron Doyle, N8VAR

Mar 20 7:00pm at DARA Club House - Testing Session

Mar 7, 14, 21, 28 at DARA Club House - TNG Meeting

Reminder: May meeting will be HomeBrew night. Get those projects started, or finished, or polished up to compete! We want to see what you have been doing.

There are lots of contests and special events. Check out these two links.

Contest Calendar: <https://www.contestcalendar.com/contestcal.html>

Special Event Calendar: https://www.arrl.org/special_events/search/page:2/model:Event

Monthly DARA Meeting - March 1st



Grace Papay, KE8RJU

Grace KE8RJU is a 3rd generation, 18-year-old amateur radio operator from Holland, Michigan. Grace was licensed in 2021 and holds an Amateur Extra class license. She enjoys communicating via amateur satellites and has so far achieved via satellite DXCC, VUCC, WAS, and WAZ. She is actively working towards the AMSAT GridMaster Award. One of Grace's most memorable contacts was with Dr. Kjell Lindgren while he was aboard the ISS operating as NA1SS. Grace has participated in many contests both as a Single Op, Multioperator, and Multi-Multi. Her first contest was the Rookie Roundup SSB in 2021. Since then Grace has participated in many major contests including, WAE SSB, Sweepstakes, and several CQ WW contests. Grace was a member of the 2023 K3LR CQWW Phone team. She is a member of the AMSAT, ARRL, Grand Rapids Amateur Radio Association (W8DC), Holland Amateur Radio Club (K8DAA), Young Amateurs Communications Ham Team (Y.A.C.H.T), and the West Chester Amateur Radio Association (WC8VOA).

Dave Kalter Youth DX Adventure Update



The 2024 K3Y Dave Kalter Youth DX Adventure team for July 26-28 is being assembled. This year we have two youth mentors. They are Katherine (Katie) Campbell KE8LQR and Grace Papay KE8RJU. We are recruiting four youth operators for the event. Applicants must hold an Extra Class License. They will be operating on July 27 in the RSGB IOTA contest in both CW and SSB as a World Station from the K3LR Super Contest Station.

K3LR Station representatives are Amy Leggieri N8AMY, Teri Grizer K8MNJ and Tim Duffy K3LR.

See the Dave Kalter Youth DX Adventure website at youthdxa.org for an application and more information. Click on "Join the Team" to apply. A parent or guardian must attend the event with the youth.

Again, our thanks to Amy N8AMY, Teri K8MNJ, Tim K3LR and the K3LR Contest Group for hosting us again for this year's event. Additional thanks to DXEngineering and Dayton Amateur Radio Association (DARA) for their financial and other support for this effort. Many corporations, clubs and individuals support our efforts with contributions and they will be listed on our QSL card. Any contributions in excess of expenses for this event will be used for our 2025 trip which is planned for PJ2T in Curacao.

Hamvention Updates

By Jim Storms, AB8YK | 2024 Hamvention General Chair



May 17 is getting really close! Chairs and Assistant Chairs remember that our next meeting is March 12. At that meeting, we will be taking the picture for the program. Be sure to wear your Hamvention shirt and be sure to be there. Bring any vouchers so we can get checks sent out for payment. If there is anything special needed, let us know at the meeting.

A successful event requires a lot of people, such as 35 Committee Chairs and over 700 more volunteers. A couple of areas may need more volunteers. At the time of this writing, Golf Carts and Security could use more people. Let Jeff Everetts know if you need people for your committee. He should already have received your volunteer list, so he can get credentials ready.

Again, this year, we host and feature the ARRL National Convention. They will have excellent speakers and opportunities to learn.

Several of the DARA Board and other DARA members manned the Orlando HamCation in February. There attendance was at no expense to the club, as they each paid their own way. The DARA/Hamvention Booth was visited by many attendees of HamCation. It was a great experience, and we look forward to seeing many of these people in May.

License Questions

T1A08 (B) [97.3(a)(22)] Which of the following entities recommends transmit/receive channels and other parameters for auxiliary and repeater stations?

- A. Frequency Spectrum Manager appointed by the FCC
- B. Volunteer Frequency Coordinator recognized by local amateurs
- C. FCC Regional Field Office
- D. International Telecommunication Union

E1F07 [97.113] Extra Class license question

When may an amateur station send a message to a business?

- A. When the total money involved does not exceed \$25
- B. When the control operator is employed by the FCC or another government agency
- C. When transmitting international third-party communications
- D. When neither the amateur nor his or her employer has a pecuniary interest in the communications

G4A04 (B) What is the effect on plate current of the correct setting of a vacuum-tube RF power amplifier's TUNE control?

- A. A pronounced peak
- B. A pronounced dip
- C. No change will be observed
- D. A slow, rhythmic oscillation

National Weather Service Winter Weather Review from Michael Kalter, W8CI

2023-2024 REGIONAL TEMPERATURE STATS
 NATIONAL WEATHER SERVICE - WILMINGTON, OHIO



Winter Season Observed Temperature Trends

Daily Average Temperature/Month (Departure From Normal)	CINCINNATI (KCVG)	COLUMBUS (KCMH)	DAYTON (KDAY)
December	41.4°F (+ 5.8°)	41.8°F (+ 7.3°)	41.7°F (+ 7.4°)
January	31.4°F (0.0°)	31.7°F (+ 2.1°)	31.0°F (+ 1.6°)
February	41.0°F (+ 7.1°)	39.0°F (+ 7.4°) (9 th warmest on record)	39.3°F (+ 7.4°) (5 th warmest on record)

Statistics From December 1, 2023 - February 21, 2024

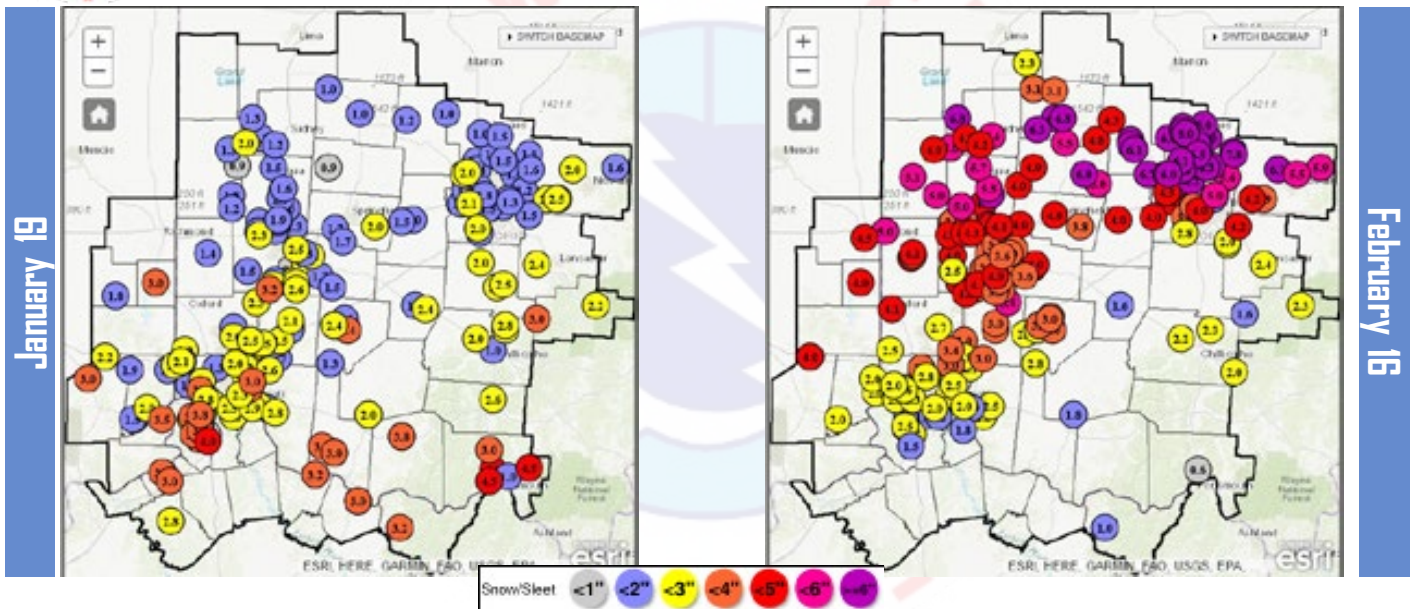
- The **two days in January of subzero temperatures** at Cincinnati (KCVG) is the most at the site in the month of January since 2019.
- There were 17 days in December at Cincinnati (KCVG) in which the temperature stayed above freezing, the most in the month of December at the site since 2015. The 18 days at Columbus (KCMH) were also the most at the site in December since 2015. The 19 such days at Dayton (KDAY) were tied for the most at the site in the month of December on record.

weather.gov/iln

[/NWSWilmingtonOH](https://www.facebook.com/NWSWilmingtonOH)

[@NWSILN](https://twitter.com/NWSILN)

TWO LIGHT SNOW EVENTS
 NATIONAL WEATHER SERVICE - WILMINGTON, OHIO



weather.gov/iln

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[@NWSILN](https://twitter.com/NWSILN)



2023-2024 REGIONAL PRECIPITATION STATS

NATIONAL WEATHER SERVICE - WILMINGTON, OHIO



Winter Season Precipitation Trends

Daily Average Precipitation/Month (Departure From Normal)	CINCINNATI (KCVG)	COLUMBUS (KCMH)	DAYTON (KDAY)
December (Precipitation/Snowfall)	1.97" (- 1.76")	3.25" (+ 0.12")	2.02" (- 1.03")
	0.9" (- 3.2")	0.4" (- 4.7")	0.9" (- 3.9")
January (Precipitation/Snowfall)	6.39" (+ 3.09")	4.81" (+ 1.81")	5.43" (+ 2.35")
	4.6" (- 3.1")	5.0" (- 4.5")	7.6" (- 0.7")
February (Precipitation/Snowfall)	0.57" (- 1.74")	0.31" (- 1.44")	0.45" (- 1.26")
	2.3" (- 3.0")	4.4" (- 1.5")	4.6" (- 0.4")

Statistics From December 1, 2023 - February 21, 2024

[weather.gov/iln](https://www.weather.gov/iln)

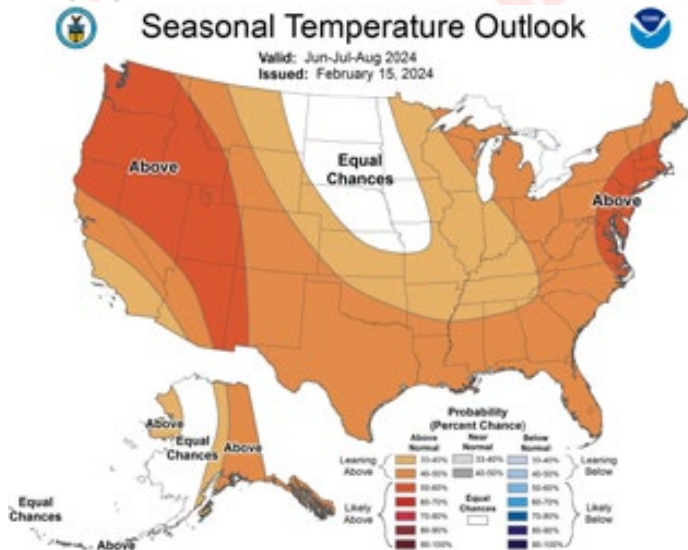
[/NWSWilmingtonOH](https://www.facebook.com/NWSWilmingtonOH)

[@NWSILN](https://twitter.com/NWSILN)

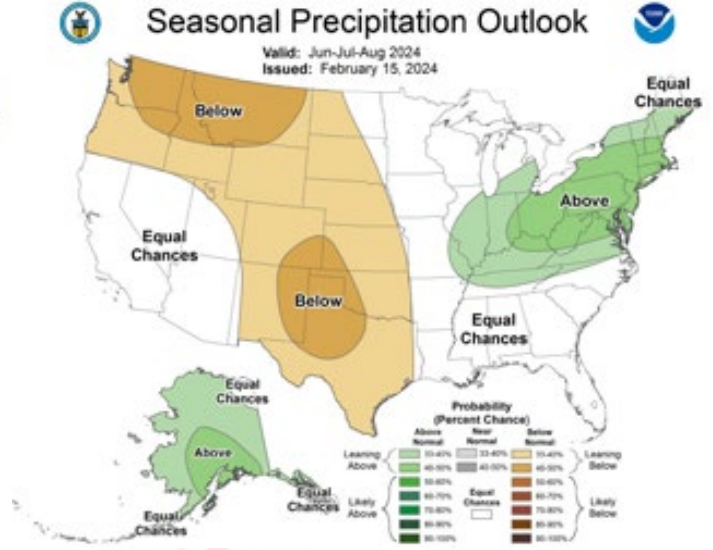


SUMMER 2024 OUTLOOK

NATIONAL WEATHER SERVICE - WILMINGTON, OHIO



2024 Summer Temperature Outlook
June - August 2024



2024 Summer Precipitation Outlook
June - August 2024

[weather.gov/iln](https://www.weather.gov/iln)

[/NWSWilmingtonOH](https://www.facebook.com/NWSWilmingtonOH)

[@NWSILN](https://twitter.com/NWSILN)

Board of Trustees - Minutes of the Meeting - November

Dayton Amateur Radio Association
Board of Trustees
Minutes of the Meeting
November 21, 2023

Board Members Present:

President Ron Doyle N8VAR
Vice President Hazel Everetts N8PTL
Secretary Melissa Markland KD8RTR
Treasurer Michael Kalter W8CI
Sr. Trustee Keith Yarger AD8C*
Jr. Trustee Rob Lunsford KB8UEY
Hamvention General Chairman Jim Storms AB8YK
*Denotes member absent

Attendees:

Jeff Everetts N8IBW
Joe Brassard KA8C
Hamvention Assistant General Chairman Brian Markland N8UDQ

Opening remarks Ron Doyle-

Visitors to this meeting are there to observe only, remarks will be heard at the end of the meeting. If you have something to discuss write it down and you will get to speak at the end of the meeting under other business.

Hamvention General Chair- Jim Storms-

Still have one chair to fill, which is security. Logo should be released in a couple weeks. Jim Storms moved that he is not required to hire a professional show manager for Hamvention. Rob Lunsford second. Vote was unanimously approved. In prior years at awards & international dinners we have purchased alcohol. Jim Storms moved to continue that practice just for those two events only. Michael Kalter 2nd motion unanimously approved.

Junior trustee-Rob Lunsford

Still waiting on budget to be finalized.

Secretary – Melissa Markland

Rob Lunsford moved to accept minutes and Hazel Everetts second the motion, minutes unanimously approved. Printer was purchased and received 11/21/23

Treasurer- Michael Kalter

Michael Kalter thanked everyone for supporting him in his election. Michael Kalter gave a financial health report.

Hazel Everetts

Getting ready for the holiday party. There are 73 adults & 12 kids signed up as of now. The party begins at 6pm and Santa will arrive at 6:30pm. Prize drawings at 7:15pm

President Ron Doyle

D star repeater no answer if it works or not. W9RWK asked if we would like a donation of equipment. Mike Kalter was going to get Ron Doyle information for a contact in the Belbrook club to refer the person that

wanted to donate test equipment. The information has been passed on.

Eric Wiesle

Radio Santa is Dec 15, 2023 at Dayton Children's Hospital. Eric Wiesle requested \$300 for toys to be purchased. Jim moved for a \$300 budget for Radio Santa, Hazel 2nd . Vote was approved unanimously.

Jeff Everetts-

Left a message for Dan Puckett but he hasn't called back yet. Jim Simpson left coolers for soda, doesn't know who is purchasing pop. Logos- has info for order- may look elsewhere Michael suggest Trophy Sports

Rob Lunsford will looking at clearance flags as the flag store is going out of business.

Meeting adjourned at 8:00pm.

Board of Trustees - Minutes of the Meeting - December

December 19, 2023

Board Members Present:

President Ron Doyle N8VAR

Vice President Hazel Everetts N8PTL

Secretary Melissa Markland KD8RTR

Treasurer Michael Kalter W8CI

Sr. Trustee Keith Yarger AD8DC

Jr. Trustee Rob Lunsford KB8UEY

Hamvention General Chairman Jim Storms AB8YK

*Denotes member absent

Attendees:

Jeff Everetts N8IBW

Greg Santamorita AB8RG

Janese Brooks KD8DGB

Rick Brooks KD8DGA

Hamvention Assistant General Chairman Brian Markland N8UDQ

Opening remarks Ron Doyle-

Visitors to this meeting are there to observe only, remarks will be heard at the end of the meeting. If you have something to discuss write it down and you will get to speak at the end of the meeting under other business.

Hamvention General Chair- Jim Storms-

Official Logo has been officially released. Ticket sales are up 18% above December 2023 with total ticket sales overall up 15%

Junior trustee-Rob Lunsford

Sr. Trustee- Keith Yarger

Keith moved for \$1500 for the ATV and Rob second and it was unanimously approved.

Secretary – Melissa Markland

Jim Storms moved to accept November Minutes with corrections Rob Lunsford second the motion. Minutes were

approved unanimously.

Treasurer- Michael Kalter

Michael gave a financial health report for the club. Michael Kalter requested a final copy of monthly minutes. Those in charge of Hamcation have invited Jim Storms to come down early to share processes for Dayton Hamvention. Occasionally in the past we have covered the travel charges for the Hamvention General Chair. Michael Kalter moved that a \$1200 stipend be awarded to Jim Storms for Hamcation travel. Jim is recusing himself from the discussion. Keith Yarger second it.

Hazel Everetts

There were over 165 people at the DARA Holiday party and there were approximately 20 young children. Santa had a great time and really loved the sleigh and lighting.

President Ron Doyle

Software license and domains need managed on the IT side and Steve Coy maintains that. Hazel will contact Jack Gerbs to put Office on Melissa Markland & Hazel Everetts laptop. Newsletter items need to go to Jim Shaw to proofread before the next Board meeting takes. Please forward those to Ron Doyle so he can send them to Chuck Wright. Planning council will investigate the viability of the future of the DARA van as a possibility to help with the purchase of the six acres next to club property. We will discuss this with Jim Simpson in February. We cannot go out for an emergency without being asked and a memorandum of understanding of any agency. The Code of Regulations trump Policies and Procedures.

Janese Brooks: Her presentation regarding the Code of Ethics form wasn't noted in the October 17, 2023 Board Meeting Minutes and Rick Brooks was not listed in attendees. She requested that the October Minutes be amended to reflect those changes. Ron Doyle moved that the October minutes be corrected to reflect the above statements by Janese. The minutes were then modified. Rob Lunsford second it. The motion was unanimously accepted.

Board of Trustees - Minutes of the Meeting - January

January 16,2024

Board Members:

President

Vice President

Secretary Melissa Markland KD8RTR

Treasurer Michael Kalter W8CI

Sr. Trustee Trustee Keith Yarger AD8DC

Jr. Trustee Rob Lunsford KB8UEY

Hamvention General Chairman Jim Storms AB8YK

*Denotes member absent

Attendees:

Jeff Everetts N81BW

Greg Santamorita AB8RG

Dan Puckett W8AAU

Hamvention Assistant General Chairman Brian Markland N8UDQ

President - Ron Doyle called the Board Meeting to order at 7:05pm. The Pledge of Allegiance was recited.

Hamvention General Chair- Jim Storms-

The Hamvention theme and logo has been released. Jim requested that theme and logo to be put on the

Hamvention website. Jim will get an article to Susan Jebbins. We now have a new security chair, Sandy Harger. We are running ahead of ticket sales this year versus this time last year.

Secretary – Melissa Markland

Michael Kalter requested final copies in drop box for minutes . I will get October, November & December out to all Board Members to be looked at fresh and then voted on and then out to Ron to get to RF Carrier this weekend. Ron Doyle requested a new PC for the Secretary with Libre Office software installed on it. Jim Storms researched and found a \$421 laptop and moved to purchase a new one. Keith seconded the motion. Keith noted that membership also needed a new laptop. There was a discussion on what is needed in the way of laptops and other electronic devices to be issued. The motion was approved. Jim Storms presented Melissa Markland the new laptop to be passed on to the next secretary. Ron Doyle advised Jim to purchase laptop prior to the Board meeting with intent that he'd pay for it should the motion be denied.

Treasurer- Michael Kalter

Michael Kalter gave a financial health report. He is also working with Representative John Stratton who is leading way with HOA. His initial letter written was to get it introduced. A second needs written to move it forward. The bill will be going to US Congress. The letter was also sent to every club to help use and send in support of home owners have their antennae.

Senior Trustee- Keith Yarger

Budget to present to board which is higher than last year. Some new categories have been added that added to last years \$171,000.00 budget. This years budget is \$236,739.00. This is just the club budget not the Hamvention costs. The goal is to get back to pre-covid. Seibenthaler is \$8100 in budget. We can put grass cutting out for bid to see if we can get the landscaping cheaper. Natural creations is currently cutting the grass not Seibenthaler. We need to go ahead with Seibenthaler taking care of the clubhouse before of Hamvention. Jack is the point of contact and Ron will touch base to ensure that he will still be doing that.

Junior Trustee- Rob Lunsford

We have antennae issues. The Step IR is perpetually broken. To replace 2 beams 6-40 meters, replace both rotors to be good to 26sq ft so tower issues. JK Antennae said this rotor will turn with no problem. Jim made a motion to accept \$18,460.00 for replacement and Hazel 2nd Motion was accepted unanimously.

Vice President- Hazel

Speaker about digital modes speaker via zoom for February General Membership Meeting. Dr. Scott will be our speaker for March. We need an April. Home Brew will be May's Membership meeting. Hazel wants someone to teach fox hunting in June possibly.

President Ron Doyle

February Meeting I will be out of town and cannot zoom in. Our website needs help, a lot of broken links that take you back to testing page when you click onto learn more. All footer links on the W8BI take you back to the testing page. We would like to see the link to the YouTube channels in the RF Carrier. With the DARA Van We will only be participating in Tech Fest, Hamvention and Air Force Planning committee will look into selling options and get back to the board. There has been a 300-435K property increase in the adjacent property. Jim Simpson is concerned we'll miss out on the sale of the property. This will be discussed further in Florida during Hamcation with Jim Simpson. Hazel moved to close the meeting and Rob Lunsford second it, meeting adjourned.

Address Change & Membership

Dues are payable July 1st of each year. Regular membership dues are \$10 per year, with \$3 additional per family member living in the same household. Contact the Membership Chairman Jeff DeVoe, K8JTD, at PO Box 44, Dayton, OH 45401 to pay dues, change your address or to update any personal information appearing in the DARA Directory. If you have any questions about your membership or key fobs, you can contact **Jeff at membership@w8bi.org** .

PLEASE be sure your call and address are legible!!

DARA Membership Renewal

Member ID:**Dues Amount: \$****Check No:****Name:****Call Sign:****Address:****City:****State:****Zip Code:****Phone Number:****License Class:****License Expires:****ARRL Member:****Email Address:****Form: DMR0817**

Notes:

Currently, members receive the monthly RFCarrier only by way of email. If you know a member who didn't get an emailed copy, please share this info with them.

Answers to License Questions

T1A08 - B. Volunteer Frequency Coordinator recognized by local amateurs

G4A04 - B. A pronounced dip

E1F07 - D. When neither the amateur nor his or her employer has a pecuniary interest in the communications

Repeaters

W8BI 146.34/146.94 PL 123

W8BI 223.34/223.94 PL 123

W8BI 447.100/442.100 PL 123

ATV 439.25/421.25

ATV Comm 144.34 simplex

D-Star W8RTL 147.105 & 443.050

D-Star W8HEQ 145.270 & 444.0875

Interested in Amateur Radio?
Looking for the latest info
about courses, hamfests, DARA?
Call the DARA information line
at (937) 237-8440

The RF-Carrier is published by the Dayton
Amateur Radio Association. Permission is
granted for reprinting articles, provided credit is
given to the original author and the RF-Carrier.

Meetings

The DARA clubhouse is now open. The Thursday Night Group (TNG) regularly holds their gathering on BRoad. Keep an eye out for other meetings happening there.
