

## OFFICERS

- Bruce Brumm KCØZMT  
President
- Brad Boeckmann KC9DMQ  
Vice-President
- Alisa Payton KNØWME  
Secretary
- Bill Claypool NUØQ  
Treasurer

## BOARD

- Mark Globushutz KØMJG
- Ray Harden WØRAY
- Scott Kirstein NØOOD
- Ron Overholser KDØTTO
- Kevin Sanders KØKDS
- Mike Waldron AEØMW

## IN THIS ISSUE

ARES 3

Calendar 4

President's Soapbox 4

Testing & Nets 5

Board Minutes 8 - 12

Membership Application 15

## DMRAA Christmas Party

The tradition of great food and much fellowship continued at the annual DMRAA Christmas party. Thanks to Dennis, KAØDOS and his wife Sandy the room was festive and the ham was tasty. President Bruce Brumm, KCØZMT spoke about the accomplishments of the club and recognized the DMRAA board and others that have made the club such a positive force in Amateur Radio in the Central Iowa community.



## SKYWARN Appreciation Day

The 2017 edition of the annual SKYWARN Appreciation Days is now in the books. Many local amateur operators stopped in to enjoy some great soup, donuts and snacks during the event. Hams were encouraged to operate any of the radios that were

added on DMR. Many contacts were made on all modes. The National Weather Service wishes to that all how checked in and or attended. We want to thank the NWS for hosting this annual event.



moved to the conference room for the event. These included two HF radios as well as analog VHF / UHF radios. New this year was

**Have you paid  
your 2018 dues?  
Thank You!**



Come enjoy the fellowship

DMRAA meetings are the 4th Tuesday of the month. Be sure and mark your calendars!



# Upcoming Meetings

## MMDVM

With the development and arrival of the Multi-Mode Digital Voice Modem software we now have the ability to choose from four modes within one repeater. I will show this capability in a repeater system that operates with D-Star, DMR, P25, Yaesu System Fusion.

Join us,  
7:00 PM January 23rd, 2018  
Waveland Room (2nd floor)  
Plymouth Congregational Church  
Please join us.

7:00 PM  
Recital Hall, 3rd floor  
Plymouth Congregational Church  
42nd & Ingersoll Des Moines, IA

## SKYWARN Spotter Training

The National Weather Service will conduct their annual Spotter training at the February meeting. All amateurs are invited and encouraged to attend. General Public is also welcome.

Please join us.  
7:00 PM  
Recital Hall, 3rd floor  
Plymouth Congregational Church  
42nd & Ingersoll Des Moines, IA

**The DMRAA meetings provide an excellent opportunity to meet new friends and enjoy fellow hams. Please feel free to invite newly licensed amateurs to attend.**

## Future Meetings

Brad & Scott are looking for meeting ideas and presenters. Please feel free to make suggestions and offer to help with a presentation.

Brad Boeckmann KC9DMQ  
[brad.boeckmann@gmail.com](mailto:brad.boeckmann@gmail.com)  
Scott Kirstein, N0OOD  
[n0ood@arrl.net](mailto:n0ood@arrl.net)



## You can Help?

Are you interested in helping the club? There are many ways you can help -- assisting with an event, taking a few pictures or even writing a piece for this newsletter.

## Past Meetings

The last meeting was the DMRAA annual ChiliFeed / Auction. This well attended event provided attendees with a great selection of chili as well as the opportunity to sell their under used excess ham gear. A lot of bargains were had and new owners found some great



winter projects. Our thanks to the several members that cooked and donated chili. Also thanks to Ron, KD0TTO for chairing the event.



If you have any suggestions for future meetings, please contact Vice-President  
Brad Boeckmann  
KC9DMQ at [info@dmraa.com](mailto:info@dmraa.com)



**Giving back through community service**

Scott Kirstein  
 NØOOD  
 Polk County ARES EC  
 515 490-7414 (cell)  
[n0ood@arri.net](mailto:n0ood@arri.net)



# Polk County ARES



Here we are again, approaching the end of 2017. As we get ready to turn the page and start 2018 with a blank calendar, some folks are scrambling to finish up (or start) Christmas shopping. Some are making last minute plans to spend time with loved ones. Some are also making final contributions to charities to provide help for those less fortunate that we are . . .

To those of you who helped out with ARES events in 2017, again, I say "Thank you." Our recap of the year looks like this:

- 9 Events
- 193 Operators
- 15,000 Participants
- \$28,950 Cash Value of volunteer time contributed

The organizations we helped out, the participants we helped keep safe, the time each of you committed to go "play radio" are all very real. Our hobby is unique in that regard – we give back to our communities. We are providing a public service. We are keeping our friends, co-workers, people we don't

know, and yes – even the Frogs, safe while the run through the city or county streets, climb through the stairwells of downtown Des Moines, or even watch a parade. Our contribution matters. **THANK YOU!**

While the numbers I listed above are pretty impressive (no, I can't write out letters for you to take that amount off of your tax bill), they also represent a lot of "soft" benefits. Some of you worked an ARES event for the first time this year. Others are old-timers (I'm not pointing fingers here – it has occurred to me that I am one at this point). Either way, I'll bet you learned something about our hobby that was a new experience. (The phrase "Watch out for deer" comes to mind.) You also had the opportunity to meet new folks – and maybe provide them some helpful guidance as well.

As we gather with our families this season and take a few moments to charge our batteries, feel free to go to the ARES tab at [dmraa.com](http://dmraa.com), and sign up for the 2018 ARES events that are already listed.

Also, for those of you looking to make a yearend charitable contribution, remember that the DMRAA is a charitable organization . . .

Happy Holidays . . .

Scott  
 NØOOD



Polk County ARES Meetings  
 Polk County EOC at  
 1907 Carpenter Avenue  
 Des Moines, IA



**ARES MEETINGS  
 DATES 2018**

**7:00 PM**

- Monday, January 8th
- Monday, April 9th
- Monday, July 9th
- Monday October 8th

**Polk County Emergency  
 Operations Center  
 1907 Carpenter  
 Des Moines, IA**

**2018 ARES Events**

- Fight for Air Climb, Sunday April 8th, 2018
- Drake 1/2 Marathon, Sunday April 22th, 2018
- Market to Market, Saturday May 12th, 2018
- Dam to Dam Half Marathon, Saturday June 2nd, 2018
- ARRL Field Day, June 23rd -24th, 2019
- Iowa State Fair Parade, August 8th, 2018
- Head of the Des Moines Rowing Regatta September 29th, 2018
- Des Moines Marathon, October 21st, 2018
- Living History Farms Fun Race, November 17th, 2018

Sign-up online at [DMRAA.com/ARES](http://DMRAA.com/ARES)

# 2017 DMRAA Calendar



Plymouth Congregational Church  
42nd & Ingersoll  
Des Moines  
7:00PM

## Calendar 2017

### General Meetings and Events

- 23 January, 2018
- 27 February, 2018
- 27 March, 2018
- 21 April, 2018 Hamfest
- 24 April, 2018
- 22 May, 2018
- 23-24 June, 2018
- ARRL DMRAA Field Day
- 26 June, 2018
- 24 July, 2018
- 28 August, 2018
- 25 September, 2018

### Board Meeting Dates

- 2 January, 2018
- 6 February, 2018
- 6 March, 2018
- 3 April, 2018
- 1 May, 2018
- 5 June, 2018
- 3 July, 2018
- 7 August, 2018
- 4 September, 2018
- 2 October, 2018
- 6 November, 2018
- 8 January, 2019
- 5 February, 2019



You now have the option of paying for up to 3 years when renewing your membership in the DMRAA.

- 1 Year = \$20
- 2 Years = \$40
- 3 Years = \$60

See Scott Kirstein NØOD for details. Dues are calendar year

## President's Soapbox

I know everyone has likely had their fill of politics, but I'd still like to present a "State of the Union".

Once again, I have positive news regarding the state of our club. We have money in our account. This is largely due to your faithfulness in renewing your memberships, as well as the continued stewardship of the board. Our membership has held steady and we've begun to see new licensees attend meetings and get involved with both club and ARES events. The Hamfest was well-attended, as was Field Day. Working from the two ARES trailers was much better than the picnic tables of the past. The Chili Feed & Auction was an great success again this year. We had over 75 attendees, quite a bit of gear, and loads of tasty chili. Our education

committee offered Technician license classes, both single- and multi-day. It has been a while since the General class has been offered. Look to see those again in early 2018. Thanks to all involved! Continued learning is a very important part of our hobby. The repeater, packet, and antenna infrastructures have been well-maintained, and we're proceeding with the acquisition of the Alleman 145.310 repeater.

Overall, I'm pleased with the efforts and participation of the core group which keeps all of this moving. However, we'd like to expand the core group to include more of you. Many have already served on the board or in various committees over the years. Please don't become apathetic or be satisfied with the status quo. Many of you are new to the hobby and may not be sure how you can best contribute. Please let me

or any one of the board members know that you're interested and available to serve. I can assure you that there is a role for everyone.

I hope to see you all attend the club Christmas party. It is always a nice way to end the year. We will not recognize a club member with the Winthrop Mager Award this year as there were no nominations submitted.

All the best to you and yours,  
Bruce Brumm, KCØZMT  
DMRAA President

You know, if you don't do nothin, you don't do nothin.

**Arthur Godfrey, K4LIB SK**



Don't forget to pay your 2018 DMRAA Dues



Have you checked into a net lately? →

ARES Nets serve several purposes

- Operator training
- Training of Net control operators

Please check in!

# Area Nets

## AMES

Sunday	147.240+	7:00pm	Story County ARES Net
Wednesday	147.375+ t 114.8	9:00pm	Cyclone Amateur Radio Club

## BOONE

Sunday	146.850-	8:00pm	Boone County ARES Net
--------	----------	--------	-----------------------

## CRESTON

Sunday	443.400+ t 151.4	8:30pm	SW Iowa Amateur Radio Assn.
--------	------------------	--------	-----------------------------

## DES MOINES

Sunday	145.390- t 114.8	7:00 pm	Saylorville Fellowship Net
Sunday	29.670- t 103.5	7:30 pm	Iowa Ten Meter Net
Sunday	146.610- t 114.8	8:00 pm	Central Iowa ARES Net
Sunday	146.940- t 114.8	follows ARES net	Central Iowa Technical Net
Sunday	443.400 t 151.4	8:30 pm	SW Iowa Amateur Radio Assn Net
Monday	146.820 203.5 PL	6:30 pm	State Wide ICN Net (Mason City, Pella, Des Moines, Bedford)
Monday	146.940- t 114.8	7:00 pm	DMRAA information Net
Wednesday	53.250-	8:30 pm	Iowa 6 Meter Net 1.7mhz-
Wednesday	146.610- t 114.8	11:00 pm	Night Owl Net
Thursday	146.940- t 114.8	7:00 pm	Polk County ARES Net

## INDIANOLA

Saturday	146.60- t 114.8	7:30am	Warren County ARES Net
----------	-----------------	--------	------------------------

## PERRY

Monday	145.190- t 114.8	8:00pm	Dallas County ARES Net
Monday	145.190- t 114.8	follows ARES net	HARC Net

## STATEWIDE NETS

Monday—Saturday	3,970	12:30pm & 5:30pm (6:00pm summer)	Iowa 75 Meter Traffic Net
Sunday	3,970	5:30pm (6:00pm summer)	Iowa Traffic and Emergency Net



## Amateur Radio Testing Sessions



### Des Moines 1:00pm

January. 21  
 March. 18  
 May 20  
 July 15  
 September 16  
 November 18  
 Registration starts at 12:30 PM (no admittance after 1pm) Location: Johnstone Supply Classroom (2nd floor) 11000 Justin Drive Urbandale, IA 50322

Contact: Rick Allen NØCFL  
 (515) 795-2162  
 n0cfl@arrl.net

### Ames

Sat. Jan. 27 — 10:00 AM  
 Wed. Mar. 7 — 7:00 PM  
 Sat. Apr. 7 — 10:00 AM

Location ISU Campus – Building and Room TBA

Contact: George Oster,  
 NP2N  
 515-233-3535

### Boone 9:00am

February 10, 2018  
 April 14, 2018  
 June 9, 2018  
 August 11, 2018  
 October 13, 2018  
 December 8, 2018

Time: 9:00 AM  
 Location: Conference room behind the cafeteria at the Boone County Hospital, 1015 Union St, Boone, Iowa

Contact: Steve NØNEU  
 (515) 432-4006

### Marshalltown 9:00am

March 3, 2018  
 May 5, 2018  
 August 4, 2018  
 December 1, 2018

Check-In: 9:30 AM  
 Exam Starts: 10:00AM  
 Location: RACOM Corporation 201 West State Street Marshalltown, IA

Contact:  
 Brian Krumm, NØMXK  
 n0mxk@arrl.net  
 641-752-9658

Time to find a new home for your extra gear?

This Buy, Sell & Trade page may be your answer. This service is offered to DMRAA members.

Contact

[info@DMRAA.com](mailto:info@DMRAA.com)

Looking for something? We'd be happy to help you by listing your want items Here

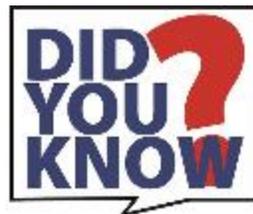


Time to Eat?

### Buy / Sell

You could be selling your excess gear on this page.

[info@dmraa.com](mailto:info@dmraa.com)



The DMRAA.COM website sees on average 150 unique visitors a week. There are 190 visits and they perform over 650 actions per week. These visitors spend approximately 4 minutes enjoying the information available for and about the DMRAA.

Check us out at [DMRAA.COM](http://DMRAA.COM)

### Are you checking the website?

Timely news and notices are posted on the DMRAA website. [dmraa.com](http://dmraa.com)



Hungry and looking to meet local hams? On Fridays at the Buffet City on University (next to Toys R Us) a group of hams meet for lunch. This is an informal meeting and provides an excellent opportunity

to pass information while enjoying a nice selection of Chinese cuisine. The group (around 20) usually arrives around 11:45 and breaks up at about 1:00. All are welcome, including family members.

Caution! Considerable amount of amateur radio topics will be discussed.



# Strays



**What:** Amateur Radio General License Class

**When:** Thursday evenings February 1, through March 22, 2018. 7:00 PM to 9:00 PM

**Where:** Edgewater Retirement Community, 9225 Cascade Ave. West Des Moines, IA “Wellness Room” – this is a ground level room just west of the main entrance on the south side of the facility main entrance.

**Cost:** \$ 35.00 per student

### DMRAA Stainless Steel Travel Mug



We still have Limited Edition 30-ounce DMRAA Stainless Steel Travel Mugs available. These will make great gifts for anyone on your lists, and at \$20.00 each, will support the DMRAA as well. Contact Scott, NØOOD

## ARES Reflective Vests

Polk County ARES now has several Class 3 Level 2 Safety Vests available for purchase. These are better quality surveyor type vests with sleeves and several pockets in sizes m thru 3XL. They have the words “RADIO COMMUNICATIONS” on the back.

Cost is \$20.

Contact Tom, NØVPR

[n0vpr@arrl.net](mailto:n0vpr@arrl.net)

Note: You need not be a Polk County ARES or DMRAA member to purchase a vest.



### Static Sheet Deadlines

Item submission deadline	Publish Date (Email sent)	Web edition posted
February 1 <sup>st</sup>	February 15 <sup>th</sup>	February 20 <sup>th</sup>
April 1 <sup>st</sup>	April 15 <sup>th</sup>	April 20 <sup>th</sup>
June 1 <sup>st</sup>	June 15 <sup>th</sup>	June 20 <sup>th</sup>
August 1 <sup>st</sup>	August 15 <sup>th</sup>	August 20 <sup>th</sup>
October 1 <sup>st</sup>	October 15 <sup>th</sup>	October 20 <sup>th</sup>
December 1 <sup>st</sup>	December 15 <sup>th</sup>	December 20 <sup>th</sup>



## September Board Meeting Minutes

### DMRAA Board Meeting Minutes

Tuesday, September 5, 2017

*The Des Moines  
Radio Amateurs  
Association  
board meets  
monthly in the  
upstairs  
conference  
room at the  
East Euclid  
Hy-Vee  
2540 E Euclid  
Ave  
Des Moines*

The meeting was called to order at 7:05pm

**In Attendance:**

Bruce Brumm – KC0ZMT – President  
~~Brad Boeckmann – KC9DMQ – VP~~  
 Mark Globuschutz- K0MJG – Board  
 Ron Overholser – KD0TTO – Board  
 Michael Waldron – AE0MW – Board  
 Bob Johnson – W0SMS – Guest

Bill Claypool – NU0Q - Treasurer  
 Lisa Payton – KN0WME -- Secretary  
 Ray Harden – W0RAY – Board  
 Kevin Sanders – K0KDS – Board  
 Scott Kirstein – N0OOD – Board  
 Dennis O'Brien – KD0DOS – Guest

August minutes were previously approved to be released for Static Sheet publication.

- 2. Treasurer’s report \$ 22,375.18
- 3. Unfinished business

a. Paypal details were discussed. Mike presented us with pricing details for pricing and requirements. Bill and Bruce will set up a second account to be used for payments which will then be moved to the general account as payments are recorded.

- 4. Polk County ARES update  
 May need a few more operators for the Regatta.

- 5. Subcommittee reports
  - a. Hamfest – 21-April-2018 –
  - b. Field Day – 23-24-June-2018 -- “Always the fourth full weekend in June”
  - c. Repeaters & Packet - NO REPORT

## September Board Meeting Minutes cont.

d. Education

7 paid for the Sept 23 one day tech class to be held at Edgewater. One of the paid students cannot attend and will need to be added to a future class. Registration cut off is Sept 9, and the cost of the class includes a radio.

e. Programming

September -- Update on DMR -- by Tom Reis (confirmed)

October -- TBD

November 21 -- Chili feed and auction

Admission to remain the same at \$6. Ron will pick up necessary supplies. The auctioneer has been confirmed. Chili makers lined up.

December 12 -- Club Christmas party. Date has been confirmed with the church.

Dennis will take care of the ham. He has not heard from the Bell Choir. Help may be needed to set up.

January -- Multi mode radios -- Ray Harden -- W0RAY

February 27 -- Weather service training -- need to verify with Tom and Church

f. Communications & Public Relations - NO REPORT

g. Membership -- NO REPORT

h. Awards -- Winthrop Mager award, we need nominations. This should be prominent in the Static Sheet and should be mentioned in local Nets.

6. New Business

Scott motioned to make a donation to Plymouth Congregational Church in the amount of \$350 as a thank you for the use of their facilities for this year. Mike seconded the motion. Motion passed.

Dennis shared some thoughts about the recent field day, and initiated some discussion regarding the way classes are being held. Is the way the club is teaching classes effective? What is being achieved? Are there areas where they could be tweaked to be more so?

Motion to adjourn by Scott, 2<sup>nd</sup> by Ron. Motion carried at 8:32pm.

*The Des Moines  
Radio Amateurs  
Association  
board meets  
monthly in the  
upstairs  
conference  
room at the  
East Euclid  
Hy-Vee  
2540 E Euclid  
Ave  
Des Moines*



## October Board Meeting Minutes

### DMRAA Board Meeting Minutes

Tuesday, October 3, 2017

*The Des Moines  
Radio Amateurs  
Association  
board meets  
monthly in the  
upstairs  
conference  
room at the  
East Euclid  
Hy-Vee  
2540 E Euclid  
Ave  
Des Moines*

The meeting was called to order at 7:00pm

In Attendance:

Bruce Brumm – KC0ZMT – President  
 Mark Globuschutz – K0MJG – Board  
 Michael Waldron – AE0MW – Board  
 Bob Johnson – W0SMS – Guest  
 Lisa Payton – KN0WME – Secretary  
 Kevin Sanders – K0KDS – Board  
 Patrick McIntyre – KD9BBA – Guest

~~Brad Boeckmann – KC9DMQ – VP~~  
 Ron Overholser – KD0TTO – Board  
 Tom Reis – N0VPR – Guest  
 Bill Claypool – NU0Q – Treasurer  
 Ray Harden – W0RAY – Board  
 Scott Kirstein – N0OOD – Board  
 Mike Miller – AC0BD – Guest

Review September minutes: Motion to approve with corrections by Scott, 2nd by Kevin. Motion carried.

Treasurer's report \$ 22,431.32

There are a couple of outstanding refunds included in the balance

Bill was submitted for \$563.20 for the new 940 repeater (ED: antenna) which will be installed soon.

Unfinished business

PayPal – a second bank account still needs to be established, trying to make card payments available for the chili feed/auction

Polk County ARES update

2017 events and meeting schedule

October 9, next quarterly meeting

October 15, Des Moines Marathon – still need about 5 more operators

November 18, Living history farms fun run

There were problems with the new generator at field day – these have been rectified.

Fuel for the regatta was 11.67

# October Board Meeting Minutes cont.

## Subcommittee reports:

Hamfest – April 21, 2018 – No report

Field Day – June 23-24, 2018 – "Always the fourth full weekend in June" – No report

Repeaters & Packet – No report

### Education

There were 8 students in the Tech Class. 9 passed the test. 3 of those aced the test. The fee for the class included a radio. The class was accelerated to a single day with prior class assignments. Youngest student/new ham is 13 years old.

Planning a general class after the first of the years. Likely will be 6-7 weeks in length and be held at Edge-water.

There has been a Get to Know Your Radio workshop scheduled for Saturday October 7 from 9-11.

### Programming

January – Multi mode radios – Ray Harden – W0RAY

February 27 – Weather Service Training – need to verify this with Tom & the Church

September – at least 50 attended the presentation on DMR by Tom Reis & friends

October – TBD

November 21 – Chili Feed/Auction Admission will remain the same at \$6. Ron will pick up necessary supplies. Auctioneer has been confirmed, Chili makers lined up. Need a couple of people to help the auctioneer with displaying items and recording bids. Need help setting up at about 3pm and tearing down after. Chili feed is at 6pm. The auction starts at 7. Need someone to check in early arrivals.

December 12 – Christmas Party – Date confirmed. Dennis to arrange for the ham. He has not heard from the Bell Choir. Help may be needed to set up.

Communications & Public Relations – No report

Membership – list needs to be updated again

Awards – given at Christmas party. We need a champion to coordinate. Possibly the last three recipients. (Dean, Ron and Kurt)

## New Business

There has been an offer tendered to the club to purchase the repeater at Alleman 145.310. After much discussion on cost/benefit of purchasing Scott made a motion to make the purchase, including making arrangements for necessary repairs and upgrades. Total expenditure is expected to be about \$5,000. The motion was 2nd by Kevin and carried. There is also an expected power cost of about \$7.50 per month.

In an emergency situation, this acquisition would significantly increase the footprint of coverage for the central Iowa area.

Motion to adjourn by Ray. 2nd by Ron. Motion carried at 8:31pm.

**The Des Moines  
Radio Amateurs  
Association  
board meets  
monthly in the  
upstairs  
conference  
room at the  
East Euclid  
Hy-Vee  
2540 E Euclid  
Ave  
Des Moines**

# DMRAA ChiliFeed / Auction



VOL NTEER  
*all that's missing is U!*



Des Moines Radio Amateurs Assn.  
P.O. Box 88  
Des Moines, IA 50301  
DMRAA.org or DMRAA.com

E-mail: info@dmraa.com

Can you hear me now?

The Static sheet is bi-monthly (six per year) publication of the Des Moines Radio Amateurs Association. It is provided via email to the membership of the DMRAA. Please feel free to forward to prospective club members and interested Amateur Radio Operators.

The DMRAA is affiliated with the ARRL, The national association for Amateur Radio.



# DMRAA Membership Application

## Des Moines Radio Amateurs Association

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_, State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: (\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

Call Sign: \_\_\_\_\_ Class: (E) (A) (G) (T)

ARRL Member: ? Y / N

What are your primary interests in amateur radio? \_\_\_\_\_

What are you interested in learning about? \_\_\_\_\_

How would you like to volunteer with the club? \_\_\_\_\_

Dues \$20 Single  
\$60 3 Years

NOTE: Dues are for calendar year.

Mail Application and payment to  
**DMRAA**  
P.O. Box 88  
Des Moines, IA 50301

