

STATIC SHEET

OFFICERS

- Scott Kirstein NØOD
President
- Tom Weaver NØTLW
Vice-President
- Alisa Payton KNØWME
Secretary
- Bill Claypool NUØQ
Treasurer

BOARD

- Rick Allen, NØCFL
- Dennis O'Brien KAØDOS
- Ray Harden WØRAY
- Bob Johnson, WØSMS
- Mike Waldron AEØMW

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JUNE 2019



DMRAA
HAM
RADIO

Open to the Public

FIELD DAY

SATURDAY 1:00 PM - SUNDAY 1:00 PM

FORT
DES MOINES
MUSEUM

Field Day, the annual gathering of Amateur Radio operators will occur this June 22nd and 23rd at THE FORT DES MOINES MUSEUM AND EDUCATION CENTER, 75 East Army Post Road. This is a great opportunity for operators who want to see what happens when one moves outside of their comfort zone and makes this happen at a remote location. It is hoped that this location will be more convenient for hams, family members and the public to participate in Field Day activities. Questions may be directed to: Dennis O'Brien, KAØDOS@aol.com, 515-473-1013.

Friday

2:00pm Position and set up portable towers.

Saturday

9:00am Set up radios, logging equipment, and wire antennas.

1:00pm Operating begins

5:00pm Chow time! DMRAA will provide a burger/brat picnic with chips, a salad, sauerkraut, the usual condiments, cookies, and ice tea/water.

Sunday

7:00-8:00am Donuts, OJ, and coffee.

1:00pm Field Day ends. Take down towers, disconnect radios, roll up coax, etc.

Note
New
Location!

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Membership
has its
Privileges'





Come enjoy the fellowship

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



Upcoming Meetings

June 25th, 2019 DMRAA Meeting



The DMRAA board has decided to cancel the June 25th meeting. As the meeting would follow the Field Day event by only a couple of days the decision was made to cancel the meeting.

7:00PM
Waveland Room, 2nd floor
Plymouth Congregational Church
42nd & Ingersoll Des Moines, IA



July 23rd, 2019
7:00PM



Field Day Recap

We will have an open discussion about Field Day. We will focus on our successes while acknowledging areas that can be improved upon.

2nd Floor Waveland Room
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 or friends to attend.

Future Meetings

We're looking for meeting ideas and presenters. Please feel free to make suggestions and offer to help with a presentation.

Contact
Tom Weaver NØTLW
at info@dmraa.com



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.

Recent Meetings

April 23rd Meeting

Rick, NØCFL gave a very istructive overview on Mag-Loop antennas, their best use as well as pros and cons. The program was well received .

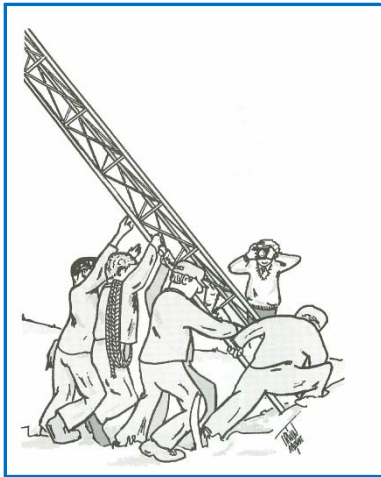


May 28th Meeting

Mike AEØMW presented his experience at the Hamvention. He included his assessment of several new products rolled out at the annual; event. His biggest find was the near perfect weather this year!



2018 DMRAA Calendar



Calendar 2019

General Meetings and Events

June 22—23 ARRL Field Day

25 June, 2019

23 July, 2019

27 August, 2019

24 September, 2019

22 October, 2019

19 November, 2019 ChiliFeed

10 December, 2019 DMRAA

Christmas Party

28 January, 2020

25 February, 2020

24 March, 2020

28 April, 2020

June 26—27 ARRL Field Day

Board Meeting Dates

2 July, 2019

6 August, 2019

3 September, 2019

1 October, 2019

5 November, 2019

7 January, 2020

4 February, 2020

3 March, 2020

7 April, 2020

5 May, 2020

2 June, 2020

7 July, 2020

4 August, 2020

1 September, 2020



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 Bill Claypool NØØQ for details.

Dues are calendar year

President's Soapbox

Beginnings. As we begin summer, I reflect on the end of the school year. Several images run through my mind. For those of you who are educators, or still have kids (or grandkids) in school the Alice Cooper song "School's Out for Summer" still brings back memories that make me smile.

It is also the season of commencements - I remember as a high school trumpet player playing "Pomp and Circumstance" until my lips bled. Then getting to sit through several years of speeches filled with trite expressions and well wishes; "our lives begin today....," "this is the class that will change the world....," and the one I will always remember, "

If I have seen farther than others, it is only by standing on the shoulders of giants."

That last one, while not original to me - or even the commencement speaker I'm borrowing it from - is neither trite or merely a "well wish." It is original to Sr. Issac Newton, in homage to those that had done work in physics before him.

As I move into this new role with the club, I would like to acknowledge the past (and current) leadership for their work. Those of you reading this column who have or are serving in leadership roles within the club deserve a huge "thanks" from not only those of us who are members, but also hams throughout the state who are able to use our repeaters, resources on our website, and members of the club for

"elmering" as they figure out how to do something new.

Our hamfest, treasury, and membership are all in good shape, and the board of directors is looking forward to seeing or much "farther" we can see.

73,

Scott, NØOOD
DMRAA President

All men make mistakes, but married men find out about them sooner.

Red Skelton



Don't forget to pay your 2019 DMRAA Dues





Giving back through community service

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



Polk County ARES



Greetings! A couple of quick announcements regarding Polk County ARES:

The next quarterly meeting will be on July 8th at the Polk County Emergency Operations Center on 19th. The meeting will begin at 7pm.

Our next event is the State Fair Parade on August 7th. If you are available to help out, please get signed up on the website. New operators can be paired up with someone with a bit more experience, and this event is a good one to get your feet "wet" – so to speak.
Scott,

NEW ARES Proposal 02/19/2019 New Plan Aligns ARES with the Needs of Served Agencies

The new ARES Plan adopted by the ARRL Board of Directors at its Annual Meeting in January represents an effort to provide ARES with a clearly defined mission, goals, and objectives; specific training requirements, and a system for consistent reporting and record-keeping. The Board's Public Service Enhancement Working Group (PSEWG) spent more than 3 years crafting the ARES Plan which, ARRL officials believe, provides a much-needed update of the program's role in public service and emergency preparedness in the 21st century. Concerns focused on bringing ARES into alignment with the National Incident Management System (NIMS) and Incident Command System (ICS), and creating more consistent and standardized ARES training requirements. Given dramatic changes and upgrades in national, regional, and local emergency and disaster response organizations, ARRL faced a major challenge, said ARRL Great Lakes Division Director Dale Williams, WA8EFK, who chaired the

PSEWG.

"If we didn't address these issues, such as training standards and organizational management, ARES faced the very real possibility that it would no longer be viewed as a valid and valuable partner in emergency and disaster relief situations," Williams said.

With input from ARES members and a peer review team, and the assistance of emergency response officials with some partner organizations, the PSEWG came up with a plan that provides guidelines to ensure that ARES remains a service of organized, trained, qualified, and credentialed Amateur Radio volunteers who can provide public service partners with radio communication expertise, capability, and capacity, Williams added. A drafted ARES Plan was circulated among ARRL Section Managers (SMs) and Section Emergency Coordinators (ECs) to gather feedback. During the comment period from August through October 2018, the PSEWG heard from 55 ARRL Sections, representing 40 states — more than 125 pages of feedback in all. The PSEWG expressed appreciation to all who

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



ARES MEETINGS DATES 2019

Monday, July 8
Monday, October 7

7:00 PM
Polk County Emergency
Operations Center
1907 Carpenter
Des Moines, IA

2019 ARES Events

ARRL Field Day June 22nd & 23rd, 2019
Iowa State Fair Parade August 7th, 2019
Head of the Des Moines Rowing Regatta
September 28th, 2019
IMT Des Moines Marathon
October 20th, 2019
Living History Farms Fun Race
November 23th, 2019

Sign-up online at DMRAA.com/ARES

New ARES Proposal Continued



submitted comments and ideas.

The PSEWG reviewed every comment and suggestion, identifying about a dozen key items commonly cited by those in the Field Organization to improve the plan.

Based on input from ARES participants, the training requirements in the final ARES Plan consist of the free FEMA Professional Development Series. The series comprises these independent study (IS) courses: 120.c, 230.d, 235.c, 240.d, 241.b, 242.b, and 244.b (as they may be amended), as well as the ARRL's EC-001 and EC-016 emergency communication courses. As part of adopting the ARES Plan, the ARRL Board approved a proposal to make the ARRL EC courses free for ARES members. The plan highlights some additional training programs that ARES participants are encouraged to consider taking, but that are not required, such as AUXCOMM and training courses like ICS-300 and ICS-400.

The ARES Plan outlines a three-tiered membership structure based on increased responsibility levels and accompanying training requirements. Although the tiers are not a required path, they serve to define three distinct ways to participate in the ARES program; it's up to the participant to determine his or her level of involvement.

The ARES Plan points out that public service events such as parades and marathons are within the realm of ARES activity and are, in fact, a key part of it, because such events are an integral part of effective training.

In recognizing the local and regional nature of emergency communication needs in disaster response activations, the Plan notes that training requirements are ultimately the responsibility of the Section Manager, with each SM approving training for local ARES teams, as local conditions and needs dictate. The ARES Plan also highlights the relationship between ARES and the National Traffic System (NTS). The PSEWG indicated that it will continue moving forward with efforts to find ways to refine and strengthen that relationship.

While the intent of the ARES Plan is to align the ARES organizational structure with the NIMS and

ICS systems, Williams noted that, within the ARES structure, the Emergency Coordinator (EC) will continue to lead the ARES team locally during an incident, while the District and Section Emergency Coordinators will continue to serve as resources and support for the EC. (The emergency preparedness staff at ARRL is in the process of updating the EC manual.) The ARES Plan stresses that ARES participants are not first responders, and it encourages ARES leaders to develop and grow their group's partnerships with state emergency management agencies and officials. Williams said the adoption of the ARES Plan is not the end of this process.

"ARES cannot remain stagnant only to be updated once every few generations," he said. "The ARES Plan, and the ARES program, must be able to evolve." Williams added that the ARRL Headquarters emergency preparedness staff will review the program annually to ensure its continued relevance.



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December 1 st	December 15 th	December 20 th



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
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CRESTON

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

Sunday	145.310- t 114.8	6:00 pm	WIRES-X Net
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	146.940- t 114.8	7:00 pm	DMRAA information Net
Wednesday	53.250-	8:30 pm	Iowa 6 Meter Net 1.7mhz-
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
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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

Sunday	444.725+	7:30 pm	Iowa DMR User Group Net
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

July 21 2019
September 15 2019
November 17 2019

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

None Listed

(Saturday) @ 10:00 a.m. in
1220 Howe Hall

Location: Iowa State University campus, as noted above
Contact: Matthew Nelson,
KBØMGQ, 515-984-0010 , or
email at kb0mgq@gmail.com

Boone 9:00am

August 10, 2019
October 12, 2019
December 14, 2019

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

August 3, 2019
December 7, 2019

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

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



Buy / Sell



1) Anytone AT-D878UV
DMR/ANALOG
handheld (with GPS)
extra brand new battery
Two available
Mint condition
Asking \$135.00 each

Kevin NØIWT
Phone (515) 266-1738



1) Yaesu FT-70DR c4fm/
analog handheld
(Brand new in the box)
extra battery
(Brand new in the box)
drop in charging cradle
(Brand new in the box)
Two available
Asking \$125.00 each

Kevin NØIWT
Phone (515) 266-1738



1) Leixen VV-898 mobile
radio (10 watt version)
(Brand new in the box)
Asking \$40.00
If interested in any of the
listed items please contact:
Kevin NØIWT
Phone (515) 266-1738

Looking to add the slash zero Ø to your correspondence?

On your desktop computer using the numeric key pad hold the alt key while typing 0216. On a computer with no side key pad go to insert symbol and find the Ø in the list.

Are you checking the website?

Timely news and notices are posted on the DMRAA website.

dmraa.com



Hungry and looking to meet local hams? On Fridays at the Bonanza Steakhouse 5029 NE 14th St, Des Moines, a group of hams meet for lunch. This is an informal meeting and provides an ex-

cellent opportunity to pass information while enjoying a nice selection from the salad bar or menu. The group (around 15) usually arrives around

BONANZA
STEAKHOUSE

11:30 and breaks up at about 1:00. All are welcome, including family members.

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



A brief Description of First Net



First Responder Network Authority

FirstNet was created to be a force-multiplier for first responders – to give public safety 21st century communication tools to help save lives, solve crimes and keep our communities and emergency responders safe. To do that, FirstNet will build a new Band Class 14 network designed to be reliable, functional, safe and secure, and provide optimal levels of operational capability at all times. For the first time, public safety communications will be based on commercial standards. This will bring the benefits of lower costs, consumer-driven economies of scale and rapid evolution of advanced communication capabilities.

BUILT FOR AND BY PUBLIC SAFETY

The 9/11 terrorist attacks brought to the forefront the many communications challenges that first responders face during emergencies and disasters. These issues were captured in the 9/11 Commission Report, which identified gaps in emergency communications and recommended a nationwide network for law enforcement, fire, and emergency medical personnel communications. The public safety community united to fulfill the 9/11 Commission's recommendation. Public safety organizations and associations advocated before Congress for a dedicated, reliable wireless network for first responders. Their advocacy efforts led to the passage of legislation in 2012 to create the First Responder Network Authority to deploy the FirstNet network in all U.S. states and territories, including rural communities and tribal nations.

More information can be found at

<https://www.firstnet.gov/network>



General Study Class Starts July 11th

The General class is Thursday July 11 2019, 7:00 to 9:00 pm, through August 29, 2019. Testing will be on August 29. The class will be held at the Edgewater retirement community, 9225 Cascade Ave, West Des Moines,

Contact Bob Johnson WØSMS at rj104@q.com for more details.

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@arrrl.net



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



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WØAK Board Minutes DMRAA

April Board Meeting Minutes

Bruce Brumm – KCØZMT – President
 Bill Claypool – NUØQ – Treasurer
 Lisa Payton – KNØWME – Secretary
 Tom Weaver—NØTLW—Guest
 Rick Allen – NØCFL - Board

Ray Harden – WØRAY – Board
 Bob Johnson – WØSMS – Board
 Scott Kirstein – NØOOD – Board
 Dennis O'Brien – KAØDOS - Board
 Michael Waldron – AEØMW – Board

*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 7:01pm

Review March minutes: Motion to approve with corrections by Scott, 2nd by Bob. Motion carried.

Treasurer's report \$ 20,758.48

Paid fairgrounds for Hamfest

All IRS paperwork is current

We need a list of all Hamfest vendors and their tax ID numbers

Unfinished business

Paypal. Possible website hosts were discussed and pros and cons of each, including the prices. The current site is paid up to August 2020. We need to find out who owns the website domain and how to transfer to another provider. The cost of adding another email address to our current website host provider account needs to be explored.

Polk County ARES update

2019 events and meeting schedule

April Fight for Air climb was filled but there were no extra persons

Quarterly meeting is April 8, ID's will be available to pick up

Subcommittee reports:

April Board Meeting Minutes cont.

Hamfest – April 27, 2019 table registrations are coming in

Discussion of a club sponsored table to program radios. It was stressed that this table is NOT to have merchandise for sale.

Field Day – June 22-23, 2019 – "Always the fourth full weekend in June" No update, yellow banks is reserved.

Repeaters & Packet 146.94 is still down. Ray spoke with Dale and its suspected an intermodulation with a nearby cellular system. Possible solution is to change the frequency, some discussion ensued. No resolution was made.

Education

Next Tech class is May 4. One paid registrant.

Programming

March – Program went well

April – NØCFL is to present on magloop antennas

May – Elections and "Dayton" report

Communications & Public Relations – Nothing to report

Membership – Northing to report

Awards – Nothing to report

New Business

Elections. There are two office positions available. Ray, Bob and Mike are all up for re-election. Discussion on by-laws and elections ensued. Slate to be presented at April's meeting and voted on at May's regular DMRAA meeting.

Motion to adjourn by Bob. 2nd by Mike. Motion carried at 8:07pm.

**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**



WØAK Board Minutes DMRAA

May Board Meeting Minutes

In Attendance:

Bruce Brumm – KCØZMT – President
 Bill Claypool – NUØQ – Treasurer
 Lisa Payton – KNØWME – Secretary
 Rick Allen – NØCFL – Board

Ray Harden – WØRAY – Board
 Bob Johnson – WØSMS – Board
 Scott Kirstein – NØOOD – Board
 Dennis O'Brien – KAØDOS – Board
 Michael Waldron – AEØMW – Board

The Des Moines

Radio Amateurs

Association

board meets

monthly in the

upstairs

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East Euclid

Hy-Vee

2540 E Euclid

Ave

Des Moines

The meeting was called to order at 7:04pm

Review April minutes: Motion to approve as printed. Moved and seconded. Motion carried.

Treasurer's report \$ 24197

Waiting on second invoice from fairgrounds (sometimes they send one – sometimes they don't)

Unfinished business

Website has been moved to new pricing with the same host.

Motion to approve renewal of “.org” domain. Motion by Bob, second by Ray. Motion carried.

Paypal. Motion to approve up to \$80 for Paypal device. Motion by Ray. Second by Bob. Motion carried.

Polk County ARES update

2019 events and meeting schedule

Not involved with Dam to DSM race. Organizers did not reach out.

Subcommittee reports:

Hamfest – Final wrap up – still waiting for second invoice.

Field Day – June 22-23, 2019 – "Always the fourth full weekend in June"

May Board Meeting Minutes cont.

New location for this year. Ft. Des Moines. Plans continue. Motion by Mike to provide no more than \$500 for Field Day expense. Second by Rick. Motion carried.

Repeaters & Packet 146.94 is still down. Motorola radio still in place. No further update at this time.

Education

Next Tech class has been rescheduled for October 12. One paid registrant.

Programming

May – Program went well. Mike presents a “travelogue” of his trip to Dayton.

June – NO MEETING – FIELD DAY

July – TBD

Communications & Public Relations – Nothing to report

Membership – Nothing to report

Awards – Nothing to report

New Business

Elections. Plan to fill out the slate of officers for Election. This will leave one board position to be filled by appointment of the incoming President.

Proposal by Bruce to create a listserv mailing list to decrease the trauma about club-wide emails.

Ray brought up the discussion about making changes to the format of the Christmas party. Discussion only. No action taken.

Tentative date for Chili Feed: November 26

Tentative date for Christmas party: December 10

Motion to adjourn by Mike. 2nd by Bob. Motion carried at 8:26pm.

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Des Moines*

AMATEUR RADIO

DMRAA Hamfest Photos



DMRAA 1-Day Class

Amateur Radio Technician Class

Offered by the Des Moines Radio Amateurs Association

This Class will prepare you to take the FCC Technician License Exam. The Saturday class will conclude with ARRL VE examiners administering the Technician Exam.



Reasons to get an Amateur Radio License

- I always wanted one.
- I want to help my community in times of need.
- I love to play with cool tech things.
- I want to increase the range of my RC aircraft.**
- It will drive my husband crazy
- I want to connect in a different way.
- No need to learn Morse code



What: Amateur Radio Technician Class
When: Saturday, October 12th, 2019 8:00 AM to about 7:00 PM
Where: 75 East Army Post Road, Des Moines, IA
 Parking entrance is off Chaffee Road
Cost: \$ 100.00 This includes the text book, pre-course material, lunch with drink. HT Radio
Testing: Fee includes FCC Technician Class Test.

With **successful completion** of the examination **each participant will receive a year's membership in the Des Moines Radio Amateurs Association.**

The DMRAA philosophy concerning this Technician Class: **Yes you can!** We know that Ham Radio begins with a license and then the learning really starts. We encourage all interested person to consider this class. Enroll with a friend. There are no age restrictions as long as you are motivated.

To Pre-Register (a must)

Individuals wanting to take the class can contact me for payment and books at:

Mark Globuschutz, KØMJG

mglobuschutz@msn.com

2505 SW 36 St.

Ankeny, Iowa 50023

Home = (515) 289-4412 Cell = (515) 201-7669

Registrations with payment must be received by September 28th, 2019

Des Moines Radio Amateurs Association info@dmraa.com Or visit our webpage dmraa.com



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

