

# STATIC SHEET

## 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 - 10

Membership Application 14

## 2017 DMRAA Hamfest April 22nd, 2017

The 2017 version of the DMRAA Hamfest will be held on Saturday, April 22nd, from 8:00 am to 1:00 pm at the Elwell Family Center located on the Iowa State Fair-grounds. There will be a lot to do at this year's Hamfest. First, several vendors are on tap to help you get your radio gear fix. Radio City, D & L, and the RF Adapter guy and WBØW to name a few. There will also be forums, including the Iowa Repeater Council, The ARRL Iowa Section, DMR and others. ARRL VE testing will be offered too. New this year: Gold medal Ideas Embroidery will be

providing same day hat embroidery. You will also be able to order shirts and jackets for at home delivery

Mark your calendars!



## Time to Get Ready for Field Day

It's time! Time that is for the 2017 ARRL sponsored Field Day. June 24th—25th. The DMRAA board has voted to operate a 4-Alpha station, which will mean plenty of room for operators. All are welcomed and encouraged to attend. Come early and enjoy the set-up. For some, set-up is more fun than operating!

Food: 6:00PM Saturday, Potluck. Club to provide meat and drinks.



2-Day Tech Class  
Flyer  
Page 12

Who is invited? You and all your friends  
Where: Yellow Banks County Park  
6801 SE 32nd Ave, Pleasant Hill, IA  
When:  
Set-up: 9:00 AM Saturday June 24th  
Event: From 1:00 PM till Sunday at 1:00 PM



Come enjoy the fellowship

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



# Upcoming Meetings

## April 25th Meeting

### Amateur Radio Emergency Data Network Presentation

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



## 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.

## Dayton Recap and DMRAA Elections May 23rd, 2017

7:00 PM  
Waveland Room, 2nd 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.**

## Past Meetings

### DMR

DMR Presentation for March meeting very well attended. 46 eager hams watched the presentation with interest. We are grateful to Bill Dedic, WØGEN; Scott Lowe, WAØTPN; and Tom Bicket, AEØTB for their effort to develop and promote the DMR system in the state of Iowa. If you missed the March meeting these fine presenters will offer an abbreviated overview at the DMRAA Hamfest, April 22nd, 2017.



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



# Polk County ARES



April showers bring May flowers. . .

This line from the children's rhyme seems all too appropriate this year – maybe it's just me. Sometimes we find ourselves in a "rut". With the arrival of spring, we can take to opportunity to try something new (anybody see where this is going yet?).

One of the things you could try is to get involved with an ARES event. These represent – in my opinion – one of *the* best ways to meet other hams, give back to society, and maybe for some of our newer licensees, get over the "mic fright" that we've all experienced.

A full list of available opportunities is printed here, and you can get signed up right on the DMRAA website. If you are new to events, let us know and we can get you teamed up

with a more seasoned operator if that would help.

Thanks for all you do to support Polk County ARES.

Scott  
NØOOD

## DMRAA Stainless Steel Travel Mug



Hot off the presses is this Limited Edition 30-ounce DMRAA Stainless Steel Travel Mug. These will make great gifts for anyone on your lists, and at \$20.00 each, will support the DMRAA as well.



Don't forget to bring a spare battery and use an extended gain antenna when participating in ARES events



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



### ARES MEETINGS DATES 2017

**7:00 PM**

- Monday, April 10th, 2017
- Monday, July 17th, 2017
- Monday, October 9th, 2017

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

### 2017 ARES Events

- Fight for Air Climb, Sunday April 9th, 2017
- Drake 1/2 Marathon, April 29th, 2017
- Market to Market, Saturday May 13th, 2017
- Dam to Dam Half Marathon, Saturday June 3rd, 2017
- ARRL Field Day, June 24<sup>th</sup> -25<sup>th</sup>, 2017
- Iowa State Fair Parade, August 9<sup>th</sup>, 2017
- Head of the Des Moines Rowing Regatta, September 30<sup>th</sup>, 2017
- Des Moines Marathon, October 15<sup>th</sup>, 2017
- Living History Farms Fun Race November 18th, 2017

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



# 2016 DMRAA Calendar

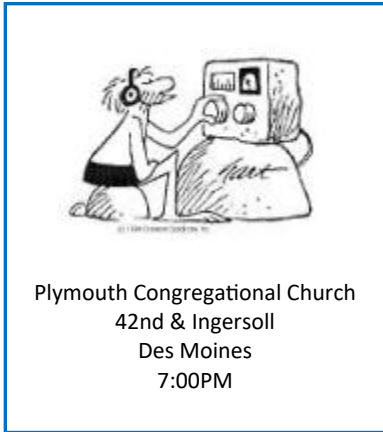
## Calendar 2017

### General Meetings and Events

- 22 April, 2017  
DMRAA Hamfest
- 25 April, 2017
- 23 May, 2017
- June 24/25 2017 Field Day
- 27 June, 2017
- 25 July, 2017
- 22 August, 2017
- 26 September, 2017
- 24 October, 2017
- 28 November, 2017
- 12 December, 2017 DMRAA Christmas Party

### Board Meeting Dates

- 2 May, 2017
- 6 June, 2017
- 1 August, 2017
- 5 September, 2017
- 3 October, 2017
- 7 November, 2017
- 2 January, 2018
- 6 February, 2018
- 6 March, 2018
- 3 April, 2018
- 1 May, 2018
- 5 June, 2018



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

In the last Static Sheet I opined regarding trying new or different aspects of Amateur Radio. By the time you read this, we will likely have had two club meetings which will have introduced a couple of new things to try. I speak specifically of DMR and AR-EDN. Both have relatively inexpensive avenues for exploration. Try them out! I recently attended a "Tape Measure Yagi" building class in Ames. It was fun and informative. Having completed this, it also allows me to get involved in something different, radio direction finding/fox hunting. Get involved!

We've worked hard to try to provide relevant and current content in our meetings. Many thanks to all those involved with the behind the scenes organization-

al work which goes into these meetings! We've had some "new" folks step up and volunteer to present meeting content. Even if you only have an idea, please let us know.

April 18th is an auspicious day. Not only is it the date of National Animal Crackers Day, but it is also World Amateur Radio Day. According to the ARRL, the IARU was founded in Paris on 18-April, 1925 with the co-founder of the ARRL, Percy Maxim, as first president. The primary purpose of World Amateur Radio day is "to highlight Amateur Radio and its benefits to countries and communities." We are all representatives of the hobby, and our actions are observed by many in the community. Let's make sure we highlight the hobby well wherever and whenever we transmit.

The DMRAA Hamfest is coming up quickly on Saturday, 22-April. Please plan on attending. We have a number of vendors scheduled including Radio City, D&L Antenna, RF Adapter Guy, WB0W, and Gold Medal Ideas Embroidery. There will be license testing, forums, and lots of fun to be had by all. Please go to [dmraa.com/hamfest](http://dmraa.com/hamfest) and check out the particulars. See you there!



**Bruce Brumm**  
KCØZMT

I'm proud of paying taxes. The only thing is--I could be just as proud for half the money.

Arthur Godfrey  
K4LIB SK



*Don't forget to pay your 2017 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

May 21, 2017  
 July 16, 2017  
 September 17, 2017  
 November 19, 2017

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

April 15, 2017, 10:00 AM

Location ISU Campus – Building and Room TBA

Contact: George Oster, NP2N 515-233-3535

### Boone 9:00am

June 10, 2017  
 August 12, 2017  
 October 14, 2017  
 December 9, 2017

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

May 6th  
 August 5th  
 December 2nd

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

Contact: Brian Krumm, NØMXX 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



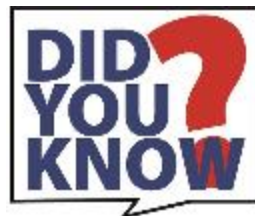
Time to Eat?

## Buy / Sell

### Old Radio Magazines

- Radio News 1938—1948
- Radio TV News 1948—1959
- Radio Craft 1938—1948
- Radio Electronics 1948—1963
- CQ 1945—1966
- QST 1938—1966

Contact Richard Petersen, KØCAB  
 1940 Grans Ave  
 Marion, IA 52302-5013  
 (319) 377-9126



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



## DMRAA to offer Technician Class, May 5th & 6th

More details available on page 12 and at [dmraa.com](http://dmraa.com) or contact Mark KØMJG at [mglobuschutz@msn.com](mailto:mglobuschutz@msn.com) or Home = (515) 289-4412 Cell = (515) 201-7669

## 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.



### ARRL Entry Level License Committee wants Suggestions

The ARRL has developed an Entry Level License Committee charged with suggesting changes to the current license system. These changes could give beginners experience with more bands and modes in an effort to encourage on-air activity, retention, and upgrades. The committee is also looking for ways to increase youth licensing. Please give your input to the committee by completing the survey at the link below.

Link:  
<http://www.arrl.org/license-1>



## 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>



## February Board Meeting Minutes

Tuesday, 7-February, 2017

The meeting was called to order at 19:04

**In Attendance:**

Bruce Brumm – KCØZMT – President  
 Brad Boeckmann – KC9DMQ – VP  
 Ray Harden – WØRAY – Board  
 Kevin Sanders – KØKDS – Board  
 Michael Waldron – AEØMW – Board  
 Bob Johnson – WØSMS -- Guest

Bill Claypool – NU0Q - Treasurer  
 Mark Globuschutz- KØvMJG – Board  
 Ron Overholser – KDØTTO – 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*

1. Review January minutes: Motion to approve by Mark G. 1<sup>st</sup>, 2nd by Ray H. Motion Carried
2. Treasurer’s report \$20,953.49
  - a. Bob delivered the PO Box mail for Lisa.  
 Received Win Mager award bill, \$30.00, Bill to send check.  
 Received several dues payments via check, provided to Bill.  
 State Fair check cashed.  
 Filed state of IA bi-annual report.
3. Unfinished business
  - a. (none)
4. Polk County ARES update
  - a. \$113.30 trailer expenses reimbursed to Brad Oik, KDØUOB.  
 Mark Globushutz has suggested periodic repeater testing; most are exercised regularly via scheduled nets.
5. Subcommittee reports
  - a. Hamfest – 22-April-2017 –  
 Approved grand prize expenditure not to exceed \$300.00. Ray 1st, Mark 2nd.

Motion Carried.

Prize will likely be Yaesu FTM-100DR from Radio City.  
 Discussed repeater council meeting. Testing confirmed, site confirmed, vendors to be confirmed and prize ordered. Table reservations to be brought online. Flyer to be done and published on website prior to Perry



hamfest (25-Feb).

b. Field Day – 24-25-June-2017 -- “Always the fourth full weekend in June”  
Yellow Banks site reserved and have confirmation receipt.

c. Repeaters & Packet

per Ray 145.130 repeater temporarily on tower at Dale Day's.

Set to 5W out, attenuated to ~1.5W, PA deck, Micor, can do 100W continuous, 60W out.

444.545@ Alleman back on the air.

d. Education

a. Next tech class will be 5,6-May at Edgewater in West Des Moines

e. Programming

January – History of the DMRAA – Bob Jimmerson KDØOMM

February – Weather Service Training

March – DMR repeaters (WØGEN and WAØTPN)

April

May – Elections and “Dayton” report

f. Communications & Public Relations; Nothing to report

g. Membership – nothing to report

h. Awards – nothing to report

6. New Business

a. (none)

Motion to adjourn by Ron, 2<sup>nd</sup> by Ray. Motion carried at 20:01pm.



WØAK

**Board  
Minutes**

DMRAA

## March Board Meeting Minutes

Tuesday, March 7, 2017

The meeting was called to order at 7:08pm

In Attendance:

Bruce Brumm – KCØZMT – President

Bill Claypool – NUØQ - Treasurer

~~Brad Boeckmann – KC9DMQ – VP~~

Lisa Payton – KNØWME -- Secretary

Mark Globuschutz- KØMJG – Board

Ray Harden – WØRAY – Board

Ron Overholser – KDØTTO – Board

Kevin Sanders – KØKDS – Board

Michael Waldron – AEØMW – Board

~~Scott Kirstein – NØOOD – Board~~

1. Review February minutes: Motion to approve by Kevin S, 2nd by Ron O. Motion Carried
2. Treasurer's report \$20,948.39
  - a. Paperwork with IRS has been completed
  - b. Paperwork with Iowa Secretary of State has been completed
3. Unfinished business
  - none
4. Polk County ARES update
  - a. Next meeting April 10
  - b. workday scheduled for this weekend, will be more expenses to turn in for that
  - c. Brad Oik purchased a channel for the roof, reimb for 132.50 issued
5. Subcommittee reports
  - a. Hamfest – 22-April-2017
    - i. 10 meter group to run consignment table
    - ii. Increased max prize cost to \$350.00 to cover taxes. Motion by Kevin, 2<sup>nd</sup> by Mike, passed
    - iii. Radio City has confirmed attending

*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*

- iv. RF adaptor guy has not yet confirmed, Bruce will contact them
- v. Table reservations is online again, fixed by Kevin.
- vi. Flier is complete and has been sent out
- vii. Testing has been confirmed with Rick
- viii. Bob Evans awards nominees needed

Bill raised concern about taxes charged at Hamfest. The state of Iowa has changed their procedure and the vendors need to be contacted to get a permanent sales tax permit in advance. Bruce will send an email to the big three vendors to inform them and to request the permanent tax permit number before the show.

- b. Field Day – 24-25-June-2017 -- “Always the fourth full weekend in June”  
no new information.
- c. Repeaters & Packet
  - i. There was a conversation about the Fusion repeater and what needs to happen next. It is online, but not in its intended permanent location.
- d. Education
  - i. Next tech class will be 5,6-May at Edgewater in West Des Moines
    - 1. Site has been reserved
    - 2. Rick has been contacted for testing
    - 3. 3 are currently registered for the class,  
two previous registrations were refunded due to change of date not working for the participants
    - 4. Possible CW class this summer
- e. Programming
  - Feb – 70 people attended the Weather Service Training
  - March – DMR (Digital Mobile Radio) repeaters (w0gen and wa0tpn)
  - April – TBD Need to have ballot ready to announce for May’s elections.
  - May – Elections and “Dayton” report
  - June – TBD
  - Nov 21 Chili feed and Auction, December 12 needs to be confirmed with Dennis for Christmas Party
- f. Communications & Public Relations; Nothing to report
- g. Membership – nothing to report
- h. Awards – nothing to report

## 6. New Business

- a. (none)

Motion to adjourn by Ron, 2<sup>nd</sup> by Kevin. Motion carried at 7:58pm.

# Technician 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 Friday evening and 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 Experiment*
- 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:** Friday May 5th, 2015 6:00 PM to 9:00 PM  
Saturday, May 6th, 8:00 AM to 6:00 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.

**Cost:** Cost of the class = \$ 45.00 This includes the text book, pre-course material, lunch with drink. (no radio is provided with this class)  
Testing cost = Testing will be \$ 15.00 and will need to be paid at the time of the test following the class on Saturday. It is expected that the testing will start about 4:30 or 5:00

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](mailto: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 January 27th, 2016

Des Moines Radio Amateurs Association [info@dmraa.com](mailto:info@dmraa.com) Or visit our webpage [dmraa.com](http://dmraa.com)



# Metro STEM Festival Des Moines Science Center





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

