

STATIC SHEET

OFFICERS

- Scott Kirstein NØOD
President
- Tom Weaver WØFN
Vice-President
- Patrick McIntyre KD9BBA
Secretary
- Bill Claypool NUØQ
Treasurer

BOARD

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

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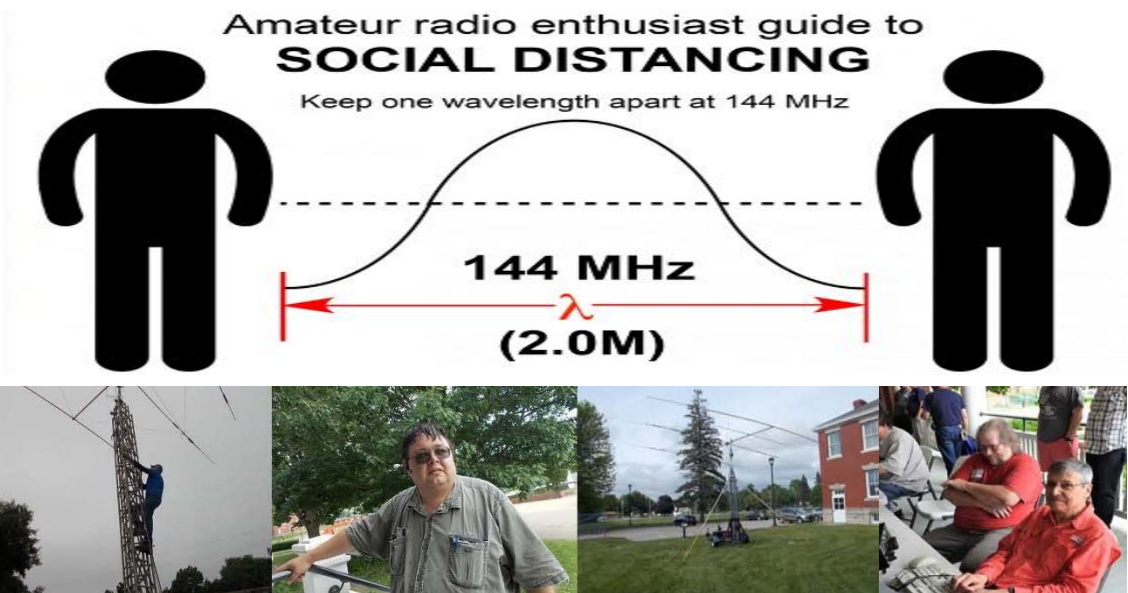
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JUNE 2020

Coronavirus, Now is not the time to let our guard down

The gradual reduction of the “lockdown” and the re-opening of many businesses has been a welcome relief. That said we are certainly not out of the woods. We encourage all DMRAA club members to continue the many aspects of personal and community safety. This includes the use of masks when appropriate, social distancing, on of course hand washing. These actions will help ensure that amateur operators remain part of the solution, rather than part of the problem. Please stay safe!



Field Day is Alive and Well

Good news, the 2020 edition of Field Day is ready to go. The DMRAA board has decided to proceed with this highly anticipated event. The dates are June 27th 1:00PM until 1:00PM June 28th. Set up will be Saturday at 9:00AM. If you have never seen Field Day, here is your opportunity to get involved. Look at the information on page 7. There is also a link for sign-up and other information. See you there.

Field Day Info
Page 7





Come enjoy the fellowship

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



Upcoming Meetings

June 23rd, 2020

Field Day Training

For the first meeting after the COVID-19 lockdown come and listen to Des Madsen NØXR talk about the upcoming Field Day activities. The program will include things like logging and Field Day adapted rules covering safety and the virus.

Fort Des Moines Museum & Education Center

**Army Post Road and Chaffee Road
Des Moines, IA**

7:00PM

Future meeting information will be posted at DMRAA.com

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



2018 DMRAA Calendar



Calendar 2020

General Meetings and Events

23 June 2020
27-28 June - ARRL Field Day
 28 July, 2020
 25 August, 2020
 22 September, 2020
 27 October, 2020
24 Nov - Chili Feed / Auction
08 Dec - Christmas Party
 26 January, 2021
 23 February, 2021
 23 March, 2021
24 April, 2021 Hamfest
 27 April, 2021
 25 May, 2021

Board Meeting Dates

7 July, 2020
 4 August, 2020
 1 September, 2020
 6 October, 2020
 3 November, 2020
 1 December, 2020
 5 January, 2021
 2 February, 2021
 2 March, 2021
 6 April, 2021
 4 May, 2021
 1 June, 2021
 6 July, 2021



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 NUØQ for details.
 Pay online at DMRAA.com

President's Soapbox

Happy June!

As we continue living this "dream year" of 2020, we have been looking at options for resuming meetings and events. Realizing that our membership is likely approaching this pandemic from multiple angles, and that we still need to figure out how to "do things" and provide some sort of normalcy for the group, the board has decided to move forward with Field Day. It will be held at the Ft. Des Moines Museum from Saturday, June 27 through Sunday, June 28 (always the fourth full weekend in June).

Elsewhere in the Static Sheet you will find specific information about the events and the health safety protocols that have been put in place for this year's event.

We will also have our June meeting in person at Ft. Des Moines as well on Tuesday, June 23. Dean will be presenting an overview and refresher on Field Day operations.

I hope to see you all soon . . .

Scott , NØOOD



Tough times never last, tough people do!

Robert Schuller



Not too late to pay your 2020 DMRAA Dues



Giving back through
community service

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



Polk County ARES



With the on-going COVID-19 response, we will NOT have our July ARES meeting. Hopefully we will have a better community status by the October meeting.

Our next event is the Iowa State Fair Parade on August 12. We will have better visibility on

that event in Mid-June when the Fair Board announces a decision on the Fair itself. More to come on this one.

Scott, NØOOD

The COVID-19 pandemic has caused the cancellations of all Polk County ARES events till June . The next scheduled event will be the Iowa State Fair Parade.

This should not mean that we may sit idle. Apart from the normal shack projects I would like you to consider taking some online FEMA Independent Study classes. IS-100 & IS-700 come to mind. These 2 to 3 hours, classes are easy and simple. There are over 150 different online classes available, surely one will pique your interest.

73,
Tom, NØVPR
State of Iowa
RACES Officer



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



ARES MEETINGS DATES 2020

Monday, October 12

7:00 PM

Polk County Emergency
Operations Center
1907 Carpenter
Des Moines, IA

2020 ARES Events

ARRL Field Day June 25th & 26th, 2020
Iowa State Fair Parade August 12th, 2020
Head of the Des Moines Rowing Regatta
September 26th, 2020
IMT Des Moines Marathon
October 18th, 2020
Living History Farms Fun Race
November 21st, 2020

Sign-up online at [DMRAA.com/ARES](https://www.dmraa.com/ARES)



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 19th, 2020
September 20th, 2020
November 15th, 2020
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 N0CFL
(515) 795-2162
n0cfl@arrl.net

Ames 10:00am

(
Carver Hall, Room 0232
(second floor), 411 Morrill Rd., Ames, IA 50011

Contact: Matthew Nelson,
KB0MGQ, 515-984-0010, or
email at kb0mgq@gmail.com

Boone 9:00am

June 13, 2020
August 8, 2020
October 10, 2020
December 12, 2020

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

Contact: Steve N0NEU
(515) 432-4006

Marshalltown 9:00am

August 1, 2020
December 5, 2020

Check-In: 9:30 AM
Exam Starts: 10:00AM
Location: Marshalltown Public Library
105 W Boone Street
Marshalltown, IA

Contact:
Brian Krumm, N0MXK
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

Many Electronic Parts for Sale.
Many 74### series IC's for sale.
Many 40## series IC's for sale.
Many Transistors for sale.
Many Diodes for sale example 1N4004 1A/400V 5=\$1.00. Also 1N34 equivalent 10=\$1.00.
Many Generic PNP & NPN for sale.
Small signal are 10=\$1.00.
Many capacitors for sale.
Seven segment LED's for sale.
Many small power 1200:8 ohm transformers.
(This was for SSTV/PSK-31 interface and amplifiers)
Email me for your needs and I will let you know the availability and price.

Please no single piece orders.
Electronics Nerd needing to share treasures.
Larry KAØFTO
kzlzimmer@mchsi.com



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



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.

Field Day 2020 (June 27-28) Health and Welfare Guidelines

Sign Up for Field Day here: <https://www.signupgenius.com/go/9040A44A4AA2DA1F49-field>

Wash your hands often

Wash your hands often with soap and water before arriving and immediately after departing from the Fort Des Moines Museum. Wash for at least 20 seconds - especially after blowing your nose, coughing, or sneezing.

Hand sanitizers will be available at operating stations and at various locations on the Museum's porch. **Proper Use:** Cover all surfaces of your hands with the hand sanitizer and rub them together until they feel dry.

Avoid touching your eyes, nose, and mouth at all times while visiting or operating at Field Day. **NO**

HAND SHAKING!

Avoid close contact

Avoid close physical contact with others while attending Field Day (Location: 75 E. Army Post Road). The Fort Des Moines Museum and Education Center now has an access ramp up to our FD operations on the porch.

Put distance between yourself and others; stay outside on the Museum's 150' porch. Spread out while chatting!

Remember that some people without symptoms may be able to spread this virus.

Your temperature will need to be checked when you arrive at the DMRAA Field Day event.

Stay at least 6 feet from other people. Stay out of crowded places; avoid gathering inside the Museum building.

Keeping distance from others is especially important for older people who are at higher risk of getting very sick.

Cover your mouth and nose with a cloth face mask

Everyone must wear a cloth face cover or face mask while at Field Day.

The cloth face cover is meant to protect other people in case you are infected.

Continue to keep about 6 feet between yourself and others; **the cloth face mask is not a substitute for social distancing.**

Cover coughs and sneezes

If you do not have on your cloth face covering, remember to always cover your mouth and nose with a tissue when you cough or sneeze; or use the inside of your elbow. Immediately throw used tissues in the trash.

Immediately wash your hands with soap and water for at least 20 seconds. If soap and water aren't available, clean your hands with a hand sanitizer that contains at least 60% alcohol. **You are welcome to bring your own hand sanitizer.**

Keep Radios, Tables and Equipment Clean

Thin Latex-free vinyl gloves are recommended for use while operating radios during the Field Day event.

Avoid resting your hands, elbows or forearms on tables; wipe thoroughly with hand sanitizer and cloth if table is touched.

Purchase your own inexpensive headset for Field day to avoid using a potentially contaminated microphone or headset:

https://www.amazon.com/Cyber-Acoustics-headphone-microphone-AC-204/dp/B0055CR9M0/ref=pd_bxgy_3/146-2369908-2525855?encoding=UTF8&pd_rd_i=B0055CR9M0&pd_rd_r=a0ca903f-005c-48ec-8af7-



Strays



New Option for Paying Your Club Dues

The DMRAA has made it easier to pay for your club dues.

Just go to the post on the left **"DMRAA Meetings"** You will see at the bottom the Pay Now icon.

Pay Now



Click on the **Pay Now** and you will be taken to a PayPal page. Tell them you are a guest and how many years dues you would like to pay. Click continue and you'll be able to enter your card information. Click pay now and you are payed up. Couldn't be easier.

We had this option available for the annual Christmas Party and hope to use it for table reservations at the Des Moines Ham-fest.



DON'T WAIT.
COMMUNICATE.
MAKE YOUR EMERGENCY PLAN TODAY.

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



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 st	February 15 th	February 20 th
April 1 st	April 15 th	April 20 th
June 1 st	June 15 th	June 20 th
August 1 st	August 15 th	August 20 th
October 1 st	October 15 th	October 20 th
December 1 st	December 15 th	December 20 th

WØAK Board Minutes DMRAA

April 7th, 2020 Board Meeting Minutes

Meeting called to order at 7:06 via Zoom.com

Scott Kirstein, NØOOD (President)

Bill Claypool, NUØQ (Treasurer)

~~Rick Allen, NØCFL~~

Bob Johnson, WØSMS

Mike Waldron, AEØMW

Tom Weaver, NØTLW (Vice President)

Patrick McIntyre, KD9BBA (Secretary)

Ray Harden, WØRAY

Dennis O'Brien, KAØDOS

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

Review of minutes Feb 4

Move to approve minutes by Pat-KD9BBA, approved by Bob- WØSMS

Treasurer's Report

Balance 22,915.71

Paid insurance, state fair

Subcommittee Reports

Repeater/packet

Spare, old controller – Agreed to sell

Education

Oct 3 – Tech class, 1 day, Sat, \$100, includes pizza, material, testing

Oct 8 – General, 8 weeks, Cost \$35, Exclude Thanksgiving Holiday, includes testing

Maker Space in the spring for another class. This is tentative. Will do Technician class. No response back yet.

Field Day

Tom- WØFN – Sending out email to other organizations

Tom provided sample for review

Tom to visit organizations in person to promote

Email addresses are needed from Bruce

When the time is right the committee will bring forth a recommendation for an alternative site

Ares Update

Events

Mar 29th - Fight for Air Climb

May 9th – Market to Market

Aug 12th – Iowa State Fair

Sep 26th – Rowing Regatta

Oct 18th – Des Moines Marathon

Nov 21st – Living History

Programming

Mar - Virtual reality presentation

December Board Minutes (cont)

Apr – submit candidates for nominations, John Holbrook - tentative

May – Elections, Solar Panel presentation

June – Field Day Presentation. Field Day is the next weekend (June 27 & 28)

Fort Des Moines

Committee formed - Tom Reiss-NØVPR, Tom Weaver- WØFN, Dennis-KAØDØS, Mike--AEØMW, Bob-WØSMS

Project to build shelving for antennas - Complete

50', possible 60' Tower – locate outside shack window. April project

Insurance equipment and liability ARRL policy discussion

Announcement at club in March

Access – Fort DSM Board. Establish criteria for access

Existing business

Membership List – No update

Mike- AEØMW membership committee leader

Software is expensive, even for not-for-profits

Google sheets/docs – Mike to explore

Bruce to provide list of email addresses

Hamfest Committee

Scott – DMRAA 2021 Hamfest date of April 24th is reserved

Commitment from Associated Radio

Emails to HAM clubs in Iowa with a PDF

Put a note in the April static sheet cancelling the regular club meeting due to COVID-19 and email the Scott (president) or Tom (VP) with nominees for elections since this is the normal meeting for such activities.

Motion to adjourn at 8:01 - Pat, Seconded by Bob



WØAK Board Minutes DMRAA

May 5th, 2020 Board Meeting Minutes

DMRAA Board Meeting May 5th, 2020

Meeting called to order at 7:04

In attendance:

Scott Kirstein, NØOOD (President)
 Bill Claypool, NUØQ (Treasurer)
 Rick Allen, NØCFL
 Bob Johnson, WØSMS
 Mike Waldron, AEØMW

Tom Weaver, NØTLW (Vice President)
 Patrick McIntyre, KD9BBA (Secretary)
~~Ray Harden, WØRAY~~
~~Dennis O'Brien, KAØDOS~~

Meeting called to order at 7:11 via Zoom.com

The board would like to thank Tom Weaver, WØFN, for letting us use his Zoom account for the May board meeting.

Review of minutes Apr

Move to approve minutes by Rick-NØCFL, seconded by Mike-AEØMW

Treasurer's Report

Balance 24,190.71

Building Deposit refunded from Iowa state fairgrounds
 Some dues have been paid

Subcommittee Reports

Repeater/packet

Spare, old controller – Agreed to sell.

Need to talk to Tom Reis that it is OK to sell

Heard that there might be a problem with repeaters at Broadlawns, haven't reset due to COVID-19.

Education -

Oct 3 – Tech class, 1 day, Sat, \$100, includes pizza, material, testing

Oct 8 – General, 8 weeks, Cost \$35, Exclude Thanksgiving Holiday, includes testing

Maker Space in the spring for another class. This is tentative. Will do Technician class. No response back yet.

Field Day – June 27-28th (4th full weekend in June)

Decision to go/no go at June board meeting (June 2nd). Proceed with plan but not spend until the decision point

Tom- WØFN – Sending out email to other organizations

Tom provided sample for review

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

May Board Minutes (cont)

Tom to visit organizations in person to promote
 Email addresses are needed from Bruce
 When the time is right the committee will bring forth a recommendation for an alternative site

Ares Update**Events**

May 9th – Market to Market
 Aug 12th – Iowa State Fair
 Sep 26th – Rowing Regatta
 Oct 18th – Des Moines Marathon
 Nov 21st – Living History

Programming

May – Cancelling the meeting.
 June – Field Day Presentation. Field Day is the next weekend (June 27 & 28)

Fort Des Moines

Tom Reis-NØVPR, Tom Weaver- WØFN, Dennis-KA0DØS, Mike--AEØMW, Bob- WØSMS
 Met week ago. Discussed rules for access.
 Recommendation to board for club station.
 Present to DMRAA members at next actual meeting to determine membership interest.
 Schedule an “Open House” on a Saturday.
 Projects below on pause due to COVID.
 Project to build shelving for antennas - Complete
 50', possible 60' Tower – locate outside shack window. April project
 Insurance equipment and liability ARRL policy discussion
 Announcement at club in March
 Access – Fort DSM Board. Establish criteria for access

Existing business

Membership List – No update
 Mike- AEØMW membership committee leader
 Software is expensive, even for not-for-profits
 Google sheets/docs – Mike to explore
 Bruce to provide list of email addresses

Hamfest Committee

Scott – DMRAA 2021 Hamfest date of April 24th is reserved
 Commitment from Associated Radio
 Emails to HAM clubs in Iowa with a PDF

Elections

Nobody has heard anything from membership regarding any further nominations.

Motion to adjourn at 7: 47 – Pat-KD9BBA, Seconded by Rick- NØCFL



State Emergency Operations Center (SEOC)

Many of you have heard of the SEOC (State Emergency Operations Center) but few have seen it. The SEOC is located in the Joint Forces Headquarters on Camp Dodge. Below you will find a few pictures of the RACES radio room and the “pit”. The “PIT” is a large room that includes various state agencies that would come together in a disaster situation. Each agency has a desk, computer and a telephone. Depending on the incident each agency may be asked to give a situation report to the assembled group. The RACES radio room is just behind the desk for the RACES officer. This room is a secure area requiring card access.

The tall rack mounted radio on the right is FEMA’s HF FNAR radio. This 1000 watt software defined radio is an ALE radio capable of voice, keyboard chat and phone patch. This allows linking to Denver, Texas and other locations as needs dictate. The room also contains several VHF/UHF analog and digital.





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

