

STATIC SHEET

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

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

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APRIL 2016

2016 DMRAA HAMFEST

Make plans to attend the DMRAA's annual Hamfest April 16th, 2016. Same time and place as usual. Now is the time to look for that new mobile rig or HF accessories you need. Several vendors are on tap. Of course Radio City, D & L and the RF Adapter guy will be there as well as others. Table sales have been brisk so look for a full venue. Tables are still available so be sure and reserve yours early. You will also

be able to get a table at the door.

Several Forums are offered as well, including The Iowa Repeater Council, The ARRL Section Forum and others. ARRL DXCC Card checking and VE testing will be offered too. Polk County ARES will have the EMCOMM trailer on display and you'll be able to sign up to help with local events. Save gas, bring a friend or two! www.dmraa.com/hamfest



1-Day Technician Workshop

11 new hams attended the technician follow-up class Thursday March 11th. Topics for the meeting included basic operating procedures, using and understanding the Baofeng radio, and proper net protocol. Many of the attendees had just received their call signs. The group practiced checking into an impromptu net on a portable repeater. Many questions were answered. Please extend all of these new hams encouragement as they become proficient in Amateur Radio.

Thanks to instructors Bob, WØSMS, Lisa KNØWME and Tom, NØVPR



**Ames, 1-Day
Technician Class
page 13**



Come enjoy the fellowship

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



Upcoming Meetings

April 26th 2016
Skywarn Spotter Training
7:00PM
Plymouth Congregational Church
42nd & Ingersoll
Recital Hall, 3rd floor
Mid-Iowa Skywarn meeting at 6:45PM to
precede Spotter talk.



May 24th, 2016
7:00 PM
Plymouth Congregational Church
42nd & Ingersoll
Waveland Room, 2nd floor
Annual election of officers and DMRAA Board

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

Scott Kirstein, N0OOD
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.

Future Meetings

May Meeting

Dayton; Show & Tell
DMRAA Elections

May 24th, 7:00pm
Waveland Room
Plymouth Congregational Church
42nd & Ingersoll

Don't forget

The DMRAA Hamfest is only a couple of weeks away. It's not too soon to make your table reservations.

Go to dmraa.com/hamfest for more information





Giving back through community service

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



Polk County ARES



Elsewhere in this issue of the Static Sheet, you will find some photos from a recent exercise at Camp Dodge. Members of Polk County ARES were again asked to participate alongside other organizations in an effort to make working together easier in the event of an actual emergency. This is nothing new for ARES members, we “practice” several times a year at real life events throughout the county. During my time as the county emergency coordinator, there have been literally thousands of hours given in service to various agencies to support their mission, and protect their participants. We have also been making preparations for the Fight for Air Climb. As I write this, there are 1,500 people signed up to participate in the fundraising event for the American Lung Association. We will have 33 people working for about 8

hours that day to make sure that any injured “climbers” get needed medical attention as soon as they can. To be clear, we won’t be treating the injuries directly – we will be working alongside the professionals from the Des Moines Fire Department – serving as points of contact and communicators, which allows the professionals to concentrate on rendering aid. Yes it’s an early morning. Yes it’s on a Sunday. Yes the stairwells can get a bit “funky smelling.” But I truly believe that helping out with these events is why the Amateur Radio Service still has as much of the radio spectrum as it has. Part 97 of the FCC rules specifically states that helping out on events like this, using them as training opportunities, and working together as a group, is a big part of the reason Amateur Radio still exists.

The rules and regulations in this part are designed to provide an amateur radio ser-

vice having a fundamental purpose as expressed in the following principles: (a)

PART 97 - Amateur Radio Service

Subpart A - General Provisions

§ 97.1 Basis and purpose

Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications...To all of you who continue to volunteer your time and skills in an effort to guard the spectrum, “Thank you.” If you have not had the opportunity to help out with an event in the past, - and would like to help out – please let me know.

Scott, NØOOD

Polk County ARES Meetings

Polk County EOC at
1907 Carpenter Avenue
Des Moines, IA



ARES MEETINGS DATES 2016

Monday, April 11
Monday, July 18
Monday, October 10
7:00 PM

Polk County Emergency
Operations Center
1907 Carpenter
Des Moines, IA

2016 ARES Events

Fight for Air Climb,
Sunday April 10th, 2016
Drake 1/2 Marathon
April 30th, 2016
Market to Market,
Saturday May 7th, 2016
Dam to Dam,
Saturday June 4th, 2016
ARRL Field Day,
June 25th -26th, 2016
Iowa State Fair Parade,
August 10th, 2016
Head of the Des Moines Rowing
Regatta,
September 24th, 2016
Des Moines Marathon,
October 16th, 2016
Living History Farms Fun Race,
November 19, 2016

2016 DMRAA Calendar



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

Calendar 2016-17 General Meetings and Events

16 April, 2016 Hamfest
26 April, 2016
24 May, 2016
25 June, 2016 Field Day
28 June, 2016
26 July, 2016
23 August, 2016
27 September, 2016
25 October, 2016
22 November, 2016
ChiliFeed /Auction
6 December Christmas Party

Board Meeting Dates

5 April, 2016
3 May, 2016
7 June, 2016
5 July, 2016
2 August, 2016
6 September, 2016
4 October, 2016
1 November, 2016
3 January, 2017
7 February, 2017
7 March, 2017
4 April, 2017
2 May, 2017



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
NØOOD
for details.
Dues are calendar
year



President's Soapbox

It's great so see that Spring has finally arrived! With it comes fresh breezes, green grass, and lots of flowers. I've been encouraged to hear all the "fresh" call signs when we do introductions at the beginnings of the club meetings. I'd like to encourage those of you who have been newly-licensed to become active in the club and in radio in general. As far as major events go, we've got the club hamfest coming up at the middle of the month and Field Day at the end of June.

In between, there are many opportunities to be involved in radio. We'll continue to have our

monthly meetings. We expect to have a great meeting this month as the NWS delivers its annual Skywarn severe weather spotting training. The Spring season always delivers severe weather and perhaps you could contribute to the spotting nets. Polk county ARES has several events including the Fight for Air Climb, Drake Relays half-marathon, Market-to-Market race, and Dam to Dam. All of these occur within the next couple of months. Please let me or Scott Kirstein know if you'd like to help.

Club elections are coming up in May. We'll again be presenting you with a well-qualified slate of candidates. These folks have stepped-up and have indicated a willingness to lead by their example of getting involved. There are ample opportunities for you to step out of your comfort zone and get involved. There are always committees that could use extra help.

You won't even really need to get up and talk in front of a group of people. Just be willing to help.

Perhaps you have a great idea for a monthly meeting - or would be willing to present it yourself. As mentioned above, maybe you'd like to help out with the Hamfest, Field Day, the Chili Feed and Auction, or the Christmas party. There's lots of behind-the-scenes work available.

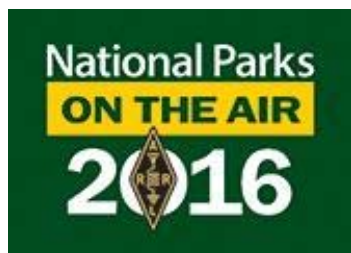
Wouldn't it be nice if you stepped up and helped make your club even more successful? We look forward to working with you in 2016! 73, Bruce KCØZMT

I feel that everything I do in my life I can do in a shorter time than most men can. It's the quality, not the quantity.

Garry Shandling
SK6OY SK



Bruce Brumm
KCØZMT





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	145.390- 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	147.195- 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

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

April 16, 2016 -@Hamfest
May 15, 2016
July 17, 2016
September 18, 2016
November 20 2016

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

Apr. 16, 2016 (Sat.) 10:00 AM
May 17, 2016 (Tue.) 7:00 PM

Location ISU Campus –
Building and Room TBA

Contact: George Oster,
NP2N
515-233-3535

Boone 9:00am

April 9, 2016
June 11, 2016
August 13, 2016
October 8, 2016
December 10, 2016

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 7, 2016
August 6, 2016
December 3, 2016

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



Time to Eat?

Buy / Sell

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

DMRAA Club Inventory

The recent club inventory has been completed. Please contact Mark if you would like to see the inventory list.

If you have club equipment in your possession, please contact Mark with that information.

Mark KØMJG
MGlobuschutz@msn.com

Keyboard Tip

On Windows based computers you can make a Ø (slash zero) with a keyboard short cut. While holding the alt key down type 0216. This will give you the familiar Ø in your call sign. Note: this only works with a desktop keyboard. On a laptop you will need to insert a symbol.

Are you checking the website?

Keep up to date with local amateur radio news. The club website is a great resource.

[Go to dmraa.org](http://dmraa.org)



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.



Why Join the 160,000+ Members of ARRL?



To Join or Renew

Contact the ARRL

225 Main Street,
Newington, CT 06111-
1494 USA
860-594-0200
1-888-277-5289

Email:
membership@arrl.org



Discover the benefits of joining ARRL

- QST
- Members-Only Web Services
- Technical Information Service (TIS)
- Member Discounts and Affinity Benefits
- Ham Radio Equipment Insurance Plan
- The ARRL Visa Signature® Card
- Outgoing QSL Service
- Continuing Education
- ARRL as an Advocate
- Regulatory Information Branch
- Public Relations for Amateur Radio
- ARRL Field Organization
- ARRL-sponsored contests
- Operating Awards
- Local Clubs
- Amateur Radio Emergency Service
- Hamfests and Conventions
- Volunteer Examiner Coordinator Program

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.



DMRAA Club T shirts at Hamfest

It is always impressive to promote our club.
We will have club shirts on sale this year. Various sizes
are available Small thru X-Large.
Sorry the larger sizes are sold and being stretched!

Sale price \$ 5.00

Get yours before they are gone

Please be sure and wear your DMRAA shirt to the
Hamfest this year.



WØAK Board Minutes DMRAA

February Board Meeting Minutes

DMRAA Board Meeting Minutes
Tuesday February 3 2016

*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 – KCØZMT – President
Lisa Payton – KNØWME – Secretary

Bill Claypool – NUØQ - Treasurer

Mark Globuschutz- KØMJG – Board
Scott Kirstein – NØOOD – Board

Michael Waldron – AEØMW – Board

1. **Review of minutes** from prior board meeting – There were a couple of corrections, motion to approve minutes as amended, motion carried.

2. **Treasurer's report:**

a. Balance \$19,915.40

3. **Unfinished business:**

KØMJG – inventory report: the list is almost complete, a few items kept by Dean need to be added. Mark handed out a preliminary list to the board members.

4. **Polk County ARES update:** – no report

5. **Subcommittee reports**

a. Hamfest 2016 : April 16, 2016

The fliers are finished, will go on the webpage and be placed in the static sheet.

Table reservations are open

DXCC is covered

VE testing room

Vendors have been confirmed except for Radio City

b. Field Day – 6/25/16; we are “penciled in” to the site

c. Repeaters & Packet – no report.

Education “One-Day-Class” plans a posted, set and ready to go. There are 10 paid, 18 registered. Payment cutoff is 2/12/16.

The next class will likely be a General class to

Continued on page 9

February Board Meeting Minutes, cont.

be offered in the fall, using Gordon West materials.

Programming:

Jan: "HT Roundup", KC9DMQ, Brad Boeckmann

Feb: 23-February TBD.

Mar: 22-March, APRS (WL7CLI / KØSXY)

Apr: 26-April, NWS/Storm Spotter Training The recital hall reservation will be confirmed by Dennis KAØDOS

Election ballot?

May: 24-May, Dayton Show & Tell/ Elections

6. **Communications & Public Relations:** – No report

7. **Membership:** no report

8. **Awards:**

Bob Evans award, @Hamfest. Does not need to be DMRAA member. Recipient is chosen by the board for their service to the HAM community.

Motion to adjourn by Michael Waldron, 2nd by Scott Kirstein motion carried at 7:46pm.

*Questions about or to DMRAA leadership
may be sent to info@dmraa.com*

*Did you know that the DMRAA
board meetings are open to all
club members. Your input is always
welcomed.*

WØAK Board Minutes DMRAA

March Board Meeting Minutes

DMRAA Board Meeting Minutes

Tuesday, 1-March 2016

The meeting was called to order at 7:01pm

In Attendance:

Bruce Brumm – KCØZMT – President
Brad Boeckmann – KC9DMQ - VP

Bill Claypool – NUØQ - Treasurer
Lisa Payton – KNØWME – Secretary

Mark Globuschutz- KØMJG – Board
Ron Overholser – KDØTTO – Board
Michael Waldron – AEØMW – Board

Ray Harden – WØRAY – Board
Kevin Sanders – KØKDS – Board
Scott Kirstein – NØOOD – Board

1. **Review February minutes:** Motion to approve by Mark G, 2nd by Kevin S.
Motion Passed

2. **Treasurer's report** \$20,005.40

3. Unfinished business

Metro STEM Festival: A request was received for club to man a table at the metro STEM festival. Decided to send the information out to the general membership to see if there is any interest. It is the weekend following the fight for air climb and preceding Hamfest.

3. Polk County ARES update

2016 events and meeting schedule: add Drake 1/2 marathon to the ARES calendar on April 30. This will use about 10 people, and function is organized by same group as the DM Marathon. It was agreed to ask for volunteers on the local nets. Contact Scott K NØOOD for more info.

A request was made for up to \$100 to replace the damaged flooring in the trailer. Motion to approve made by Scott K, 2nd by Kevin S. Motion passed.

a. Subcommittee reports

Hamfest – 16-April-2016 – confirm reservation, insurance, etc., door prize authorization

Testing, Repeater Council Meeting, ARES Meeting.

Testing will be in the side room where it is quieter.

Repeater council meeting will be from 10-11 am

Scott needs to contact DX engineering re: door prizes

Continued on page 11

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

March Board Meeting Minutes, cont.

Clint Miller from Story County has requested space for a forum 10m group, consignment table, The 10m group runs this in exchange for 10% of proceeds. Vendors confirmed exc. Radio City; Bruce will contact via phone & order prize.

Field Day – 25-June-2016 -- nothing to report (site being cleared for construction)

Per ARRL -- “Always the fourth full weekend in June”

Repeaters & Packet

Broadlawns initiative, NØOOD No report

Education

One-day class update – excess supplies disposal (5 radios, 5 books) It was decided to make these available at Club meetings. These should be advertised on FB, Nets and in the Static Sheet. Possibly add to the 10m consignment table.

Extra Baofeng radio from 1st class will be used as a door prize for Hamfest

Financial report, income vs. expenses

Total expenses: 1498.17, Receipts: 1580, net income: 81.83. There were 15 students registered, 12 passed Tech exam. One extra radio was sold to a club member.

The next class will likely be a General class in the fall using Gordon West materials. More information to come.

Programming

Jan: 26-January, “HT Roundup”, KC9DMQ, Brad Boeckmann

Feb: 23-February, “HF & You” – NU0Q, Bill Claypool

Mar: 22-March, APRS (WL7CLI/K0SXY)

Apr: 26-April, NWS/Storm Spotter Training

Recital Hall reservation confirmed with Dennis, KA0DOS

May: 24-May, Dayton Show & Tell/Elections

Communications & Public Relations No Report

Membership – need current spreadsheet (KCØZMT) to update mailing list and to include recent class graduates.

Awards

Bob Evans Award (@Hamfest) The recipient needs to be chosen by the next board meeting. Who has the plaque? Possibly Tom R

New Business

Board elections are in May, we need to have a slate together by the April meeting. Up for reelection are:

Mark G, Scott K, Ron O, Brad B and Bruce B.

Mike W agreed to being chair of the election committee, and to presenting nominee/ask for nominees.

The IRLP was up and then failed. What needs to be done to get this up and running? It was decided to discuss how to move forward on this at the next board meeting.

Motion to adjourn by Scott Kirstein, 2nd by Ron Overholser motion carried at 8:03pm.

COMMEX



COMMEX is an exercise sponsored by the Iowa National Guard and the Iowa State Interoperable Communications System Board. This program allows various Local, State, Federal, Military and volunteer agencies to work together to test equipment and develop common practices for use in emergencies. COM-L students were given an opportunity to complete their taskbooks. The Guard had a helicopter which provided an airborne repeater platform as well as live video feeds. Several ARES groups participated including groups from Polk County, Story County and Warren County. ARES helped in testing various modes such as VHF/UHF HF D-Star and digital message handling. ARES also provided a back-up to the administration net for the exercise. Also involved were units from the Iowa Air and Army National Guard, US Postal Inspection Service, Missouri Army National Guard, Polk, Story and Warren County EMA, US Coast Guard Auxiliary, Des Moines FD/PD, Missouri USAR and the Iowa RACES SEOC communications group.



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

Presented by Story County Amateur Radio Emergency Service

Earn your Ham Radio license in ONE DAY!

WHEN: Saturday May 14, 2016
8:00am – 5:00pm (immediately followed by the FCC test)

WHERE: State of Iowa Fire Service Training Bureau
1015 Haber Rd
Ames, IA 50011

COST: \$100.00 (\$50 due at time of registration)

What is included?

- Full-day Technician License study class
- Technician License class manual plus a 20 page pre-study guide
- Provided working lunch and refreshments
- One FCC Technician Class Exam (with results the same day!)
(Retests will require an additional fee)
- **Brand-new** handheld Ham Radio pre-programmed with local radio frequencies!

Our November class had over a 90% same-day pass rate!

NOTE: Class size is limited to 35 participants



The Technician license is your gateway to Amateur Radio... and now you do **NOT** need to learn Morse code!

If you have ever considered earning your Ham Radio license, this one-day class is the ideal place to start.

*****NO PRIOR EXPERIENCE IS REQUIRED*****

To register:

Visit www.kb7vml.net/registration to sign-up online
OR email kb7vml@arrl.net with your details

Questions?

Clint Miller (KC0JUO) 515-292-1066
Paul Cowley (KB7VML) 515-233-2817

Participants will receive the class manual and study guide upon initial registration AND payment of the first half of the course fee (\$50)

This portion of the fee is **NOT** refundable but may be transferred to future Story County ARES Technician License Classes

The remaining \$50 is due on or before the day of the class

HAMFEST

2016

IOWA STATE FAIRGROUNDS - Elwell Family Center Building

Saturday, April 16th, 2016 - 8 am-1 pm

ADMISSION: Adults: \$6 • 12 & Under: FREE

• Talk-in: 146.940 tone 114.8 • Free Parking • Handicap Accessible • Snacks & Drinks • Convenient Restrooms



The Des Moines Radio Amateurs Association is Pleased to Sponsor Our Annual HAMFEST.

Browse the wares of the featured vendors. Sell unneeded gear for extra cash!
Find that perfect addition for your rig.

FLEA MARKET

Featured Vendors:

Radio City, Inc.

D & L Antennas

RF Adapter Guy

Radio City

Tables:

1st Table: \$20 • Each Additional: \$10

Online Reservations at: www.dmraa.com/hamfest

Contact Bruce Brumm, KC0ZMT at info@dmraa.com with any questions.

* No Tailgating Allowed!

VE TESTING

Held in the Elwell Family Center Bldg

Technician, General & Extra Exams

Testing Fee: \$15

Registration: 9:00 am

Testing: 9:30 am-11:30 am

* No one will be admitted for testing after 9:30 am

ARRL DXCC CARD CHECKING

For more details visit: www.arrl.org/dxcc-forms

DOOR PRIZES



Prizes include: MFJ-225, Baofeng UV-5R HT, and ARRL Gift Certificates

* Door prize ticket included with your admission

A great location that's easy to get to



MORE INFO:

www.dmraa.com/hamfest

www.iowastatefair.org/for-visitors/maps-directions

CONTACT US:

DMRAA - P.O. Box 88 • Des Moines, IA 50301

E-mail: info@dmraa.com • Web: www.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

