

OFFICERS

- Bruce Brumm KCØZMT
President
- Mark Campbell WØGZR
Vice-President
- Mark Globushutz KØMJG
Secretary
- Bill Claypool NUØQ
Treasurer

BOARD

- Ron Hobbs NØXWI
- Scott Kirstein NØOOD
- Dennis O'Brien KAØDOS
- Tom Reis NØVPR
- Kevin Sanders KØKDS
- Mike Waldron AEØMW

IN THIS ISSUE

ARES 3

Calendar 4

President's
Soapbox 4

Testing 5

Field Day 8

Hamfest Flyer 10

Membership 11
Application

DMRAA Hamfest, Nearly Here



The 2014 edition of the Des Moines Radio Amateurs' Association is very near. This annual event will draw 400 eager hams that will want to connect with friends and technology, both past and future.

The usual vendors will bring the latest in amateur gear. Sign up for tables has been brisk and we should see a great selection of used equipment.

Come join the fun. More information on page 15



Time to renew your
membership for
2014





Come enjoy the fellowship

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



Upcoming Meetings

April 28th 7:00 PM

Plymouth Congregational Church
42nd & Ingersoll
Waveland Room



Join us for the DMRAA April meeting. Tom Reis, NØVPR Primary amateur radio operator at the National Weather Service office in Johnston will discuss several aspects of communications used during severe weather emergencies. Note: this is not a spotter talk but instead will focus of the roll of the amateur radio spotters.

7:00pm Waveland Room

Plymouth Congregational Church

42nd and Ingersoll

Future Meetings

Tom, NØVPR is looking for meeting ideas and presenters. Please feel free to make suggestions and offer to help with a presentation.

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.



March Meeting



Clint Miller KCØJUO and Greg Shaw, NØGES presented both demonstration and software for the club's March meeting. Two stations we set up in the front of the room and several messages were passed. A few club members brought their laptops and radios and were able to get their gear set up to receive the messages as well. It was suggested that this type of messaging will be very useful to many serve agencies when critical data is passed. Thanks again to Clint and Greg for their time and expertise.



Giving back through community service

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

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



Polk County ARES



As I write this, my inbox holds several emails from the Lung Association of Iowa thanking us for our work on the Fight for Air Climb, complementing our professionalism, and telling me how much they are looking forward to working with us again next year. Also in my inbox is the Flash Report from the Polk County Emergency Management Agency detailing the response to the Younkers building fire from last weekend. This report serves as a quiet reminder that we are here to serve, and that had we been needed to assist with this event, I would have been contacted to activate the ARES group sometime in the wee hours of Saturday morning. Kind of a sobering thought actually. We do these events. We say we are ready. But are we?

Our second event for the season is going to be the Market to Market relay. It will be held on Saturday, May 10th; involve about 30 operators; several repeaters, and the link system. For those of you who worked the event last year you probably remember the wind (some of you might also remember what comes out of a tipped over KYBO – but that’s a story for another time), and the long day this can turn out to be.

As I look over the above para-

graph, I wonder why anyone would volunteer to help out with this event (incidentally, we are in need of volunteers), and I’ve once again come to the conclusion that the spilled KYBO and long hours are why we do what we do. Of course your batteries are charged. Of course you can find your gain antennas. Of course you can get your equipment gathered and be deployed. Those are the entry points. That’s what we do. The “why” is varied, but ultimately it boils down to this, we are there to address the KYBO spill because no one else will. That is not to say that we are planning on cleaning it up (or that we even have the proper training), but a typical bystander would walk the other way, ignore the spilled KYBO, and wait for someone to clean it up.

As ARES hams, we have put ourselves in the position of being responsible for communicating important information that provides increased situational awareness for our served agency. They can then make an informed decision regarding deployment of their resources, and how to best address the situation. The served agency is counting on our individual situational awareness to help filter

out information that may seem more important than it is. We do this on nearly every event. We know that the injury at mile one – 15 minutes after the race starts – is more pressing than trying to find out where the banana delivery is for the finish line.

We choose to hold ourselves to a higher standard than the bystander. We choose to put ourselves in a position of service – to help others. At some level, we choose to make the world a little bit better of a place than it is.

Too preachy? Maybe.

Too melodramatic? I’ll give you that. But, were you ready enough on last Saturday morning at 2:00am?

If you are available to help out with the Market to Market relay, please contact me at NØOOD@arrl.net.

Thanks for reading, and thanks for your continued support of ARES.

73
 Scott, NØOOD

ARES MEETING DATES

Monday, April 14 7:00pm
 Monday, July 21 7:00pm
 Monday, October 13 7:00pm



2014 ARES Events

May 10, 2014
 Market to Market Relay Race
 April 26, 2014
 MS Walk
 May 17, 2014
 Easter Seals Walk with Me
 May 31, 2014
 Dam to Dam
 July 17, 2014
 Camp Sunnyside Regatta

August 6, 2014
 Iowa State Fair Parade
 September 27, 2014
 Head of the Des Moines Rowing Regatta
 October 19, 2014
 Des Moines Marathon
 November 22, 2014
 Living History Farms Cross Country Race

2014 DMRAA Calendar

Calendar 2014

General Meetings and Events

19 April, 2014 Hamfest

22 April, 2014
27 May, 2014
23 June, 2014

28 June, 2014 Field Day

28 July, 2014
26 August, 2014
23 September, 2014
28 October, 2014

Board Meeting Dates

6 May, 2014
3 June, 2014
1 July, 2014
7 July, 2014
4 August, 2014
1 September, 2014
6 October, 2014
4 November, 2014



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 NØUQ for details.

Plymouth Congregational Church
42nd & Ingersoll
Des Moines
7:00PM
Waveland Room
The April program:
Amateur Radio Skywarn
Presented by
Tom Reis, NØVPR
May program:
DMRAA Elections

President's Soapbox

In the last Static Sheet, I stressed the importance of breaking out of the comfort zone. Club elections are coming up and we will again present to you 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 opportunities for you to step out of your comfort zone and get involved. There are lots of 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. 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 2014!

73, Bruce KCØZMT



We can't help everyone, but everyone can help someone.

Ronald Reagan



Bruce Brumm
KCØZMT



Have you checked into a net lately? →

ARES Nets serve several purposes

- Operator training
- Training of Net control operators
- Passing formal traffic

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
--------	----------	--------	-----------------------

DES MOINES

Sunday	145.390- t 114.8	7:00pm	Saylorville Fellowship Net
Sunday	29.670- t 103.5	7:30pm	Iowa Ten Meter Net
Sunday	146.610- t 114.8	8:00pm	Central Iowa ARES Net
Sunday	146.940- t 114.8	follows ARES net	Central Iowa Technical Net
Wednesday	53.250-	8:30 p.m.	Iowa 6 Meter Net 1.7mhz-
Thursday	146.940- t 114.8	7:00pm	Polk County ARES Net

MARSHALLTOWN

Sunday	147.135+ t 141.3	6:00pm	CIRAS 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

WEBSTER CITY

Monday	147.015+	7:00pm	Hamilton County Radio Club 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

DMRAA Hamfest April 19, 2014
 May 18, 2014,
 July 20, 2014,
 September 21, 2014,
 November 16, 2014,

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

Tuesday, February 11, 7:00 PM
 Saturday, March 15, 10:00 AM
 Saturday, April 19, 10:00 AM

1304 Howe Hall, Iowa State campus

Contact:
 George Oster, NP2N
 515-233-3535

Boone 9:00am

April 12, 2014
 June 14, 2014
 August 9, 2014
 October 11, 2014
 December 13, 2014

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

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



'And what, may I ask, is an antenna party?'

Tip

Want to add a Ø to your call sign text? On a standard desktop key board hold the ctrl key and type 0216 on the numeric keypad. This is a Microsoft shortcut. In MS Word you can also use the Symbol Ω found in the insert menu. The Ø is found in the list of symbols.



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 City Buffet 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.





Silent Key Gear

- 2- Drake MS-4 speakers (serial # on one was 33309, none on the other)
- 1- Drake TR-3 sideband transceiver (#10231A)
- 1- Heathkit SB-610 (#7 12-9104)
- 1- Drake TR-4 sideband transceiver (#29098A)
- 1- TR/4 remote VFO (something he made ?)
- 1- Delco filterstat.....model A12 1- Heathkit HM-102
- 1- Dentron Jr. Monitortrans/match-antenna/match #8560
- 1- Heathkit active audio filtermodel #HD-1418
- 1- Drake TR4 20 meters pre-amp (something he modified ?)
- 1- FC-4 frequency counter (he made ?)
- 1- Antenna coaxial SW (he made ?)
- 1- Speech proc (note says "April 1989 Ham Radio mag") (he made ?)
- 1- Radio Shack Automatic Antenna Rotator #2004275
- 1- Drake MC-4 mobile console

- 1- Eico Oscilloscope DC-wide band . model 460
- 1- Philco RF signal generator model 7070
- 1- Heathkit capacitor checkermodel IT-28
- 1- Heathkit vacuum tube voltmeter ... model V-7A
- 1- Signal Corp frequency meterBC-221-AH (warsurplus?)
- 1- Heathkit voltmeter VTVM .. model IM-11
- 1- Heathkit 3 amp power supplySK-101
- 1- Heathkitmodel GR-78
- 1- Eico model 9508 resistance-capacitance-comparator bridge (may not work....note says "power transformer burn up")
- 1- MS4 speaker
- 1- GE mobile unit40 channel PLL system (once had in vehicle)

Note: These items will be available at the DMRAA Hamfest

An FM "digital" net

An FM "digital" net is being established. The net will be operated through an area repeater. The repeater is located in Madrid. The repeater provides coverage in Boone, Dallas, Polk and Story counties. KCØMTE is the owner and has offered the machine's use for the net.

The net will be open to anyone who wishes to participate. One of our goals is to attract area "technician" licensees or anyone else that does not have HF capability and introduce them to digital modes.

I would appreciate you sharing this

information with your club members and anyone else you feel would be interested. Please refer anyone that is interested to my email address - w0bnw@yahoo.com for details.

Thanks,

73

Jim / WØBNW

Editor's note: This notice has been edited to adjust time sensitive content.

KCØMTE repeater 443.850+ t151.4



Field Day June 28—29, 2014



Are you getting ready for this years Field Day activities?

The Des Moines Radio Amateurs Association will again gather at Fort Des Moines County Park to demonstrate Amateur Radio to the general public. This 24 hours event will include several crank up towers, antennas , generators, food and fun. Bring the family and come prepared to operate many of the radios.

Buffet City Fortunes

Join us for lunch, "Good luck" awaits!

You have at your command the wisdom of the ages
 People are attracted to your inventive and intuitive mind
 Keep your feet on the ground even though your friends flatter you
 You display the wonderful traits of charm and courtesy
 Good things are coming to you in the due course of time
 You have an unusual magnetic personality. Just beware of your polarity
 Executive ability is prominent in your make up
 You will conquer obstacles to achieve success
 Lucky is coming your way
 You will always have good luck in your personal affairs
 Find release from your cures, have a good time
 You are ready to let your creative talents blossom
 Your emotional nature is strong and sensitive
 The only way to have a friend, is to have one
 If you can shape it in your mind, you will find it in your life
 This is the year when ingenuity stands high on the list
 You have a strong desire for a home and your family comes first
 You have at your command the wisdom of the ages
 The current year will bring you much happiness
 You are soon going to change your present line for work
 Find release from your cures, have a good time
 Executive ability is in your make up
 You are never selfish with your advice or help

Ankeny Centennial High School Amateur Radio Club

One of the activities of the Ankeny Centennial High School Amateur Radio Club has been to contact other amateur radio stations in as many states as possible with the goal of reaching all fifty states. Ham radio operators often refer to this as “Worked all States” and the American Radio Relay League (ARRL), the largest membership organization of amateur radio operators in the U.S., offers a handsome award for those stations which reach this goal. Our radio club, ACØHS, is well on its way towards earning the “WAS” award. In the short time the club has been operating, club members have established two-way radio communications with thirty-three states including Alaska, California, and Florida.



Sydney Steinle (class of 2014) uses the ACØHS amateur radio station to contact a school club in Florida during the ARRL School Club Roundup.

Our club has participated in two contests so far this school year: the ARRL Fall and Spring School club roundups. These contests challenge amateur radio operators to contact,

or “work,” as many other stations as possible in a specified time frame. The School Club Roundup (SCR) is a contest in which school-sponsored amateur radio clubs contact as many other stations as possible: other schools, individual radio amateurs, or clubs. Schools earn points for each contact with bonuses for the number of states, Canadian provinces, and use of other emission modes such as Morse code or digital signals. Our first two attempts in the SCR were definitely a learning experience as we struggled with a small, portable antenna system. Students had a great time though, and we contacted over twenty states and four Canadian provinces! Listen for us next fall in the SCR as ACØHS now has installed a roof-mounted antenna system at Ankeny Centennial High School. We’ll have more news about our new antenna in the next edition of ACØHS NEWS!

ACØHS State Contacts as of March 23



Reprinted with permission



Editors note: It is encouraging to see amateur radio promoted to this age group. Wouldn't I be wonderful to see this in all schools?



The 2014 Des Moines Hamfest will be held **on Saturday, April 19, 2014 at the Elwell Family Center at the Iowa State Fairgrounds** (enter at the Grand Avenue gates, take a right, and follow signage). Doors will open at 8 a.m. Admission is \$6, kids 12 and under are admitted free. The Elwell Center boasts convenient parking, concessions provided by Campbell's, restrooms, handicap access, and climate control.

Door prizes!

The **Kenwood TM-V71A** dual-band mobile radio will be offered as the grand door prize. The TM-V71A provides sophisticated, high-powered performance on 2 meters and 440 MHz. Power levels are 5, 10, or 50 watts on both bands. The large radio display clearly conveys the status of the radio and can be set to green or amber. The radio's controls are very logical and feature separate volume/squelch for bands A and B. This transceiver allows you to change the orientation of the front panel. Depending on where/how you installed the transceiver you may wish to flip the front panel upside-down for easier operation. 1000 memories can be alpha tagged up to six characters. Other features include: scanning, weather alert, password, dual receive on same band and cross-band operation. The rear panel has dual audio outputs and an SO-239 [UHF type] antenna jack.



Runner-up door prizes include three Baofeng UV5R+ handhelds with high-gain antennas, ARRL gift certificates, and more!

Table reservations

Tables are available at the DMRAA Hamfest for \$20 for the first table, and \$10 for subsequent tables. Payment is due upon entry to the Hamfest venue. Buying a table does not grant free admission — vendors will still need to purchase a ticket for admission. The DMRAA reserves the right to not accept table reservations that are purely commercial interests and not amateur radio-related. Cash or check is accepted — make checks payable to the Des Moines Radio Amateurs' Association. Fill out the form below to reserve your tables! **No tailgating is allowed at the Iowa State Fairgrounds.**

Table reservations will close at noon on Thursday, April 17. Telephone reservations will not be accepted.

See DMRAA.com for table sign-up and more information



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

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

