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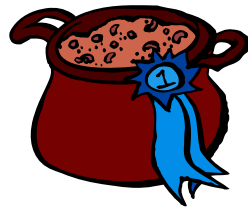
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Chili Feed / Auction

Now is the time for all good hams to oblige their XYLS and clean up the shack! There is no better place to relocate those prized yet perhaps dated treasures than the annual DMRAA Chili Feed Auction.

This yearly event readily unites reluctant sellers with ambitious buyers. It is not as impersonal as eBay and you get a great meal in the process. Speaking of which the chili promises to be tasty and plenty. Come hungry!



The cost for the evening is \$5 which includes the meal. You need not be a member of the DMRAA to attend. The standard rules of the auction are; Admission is \$5 even if you don't eat.

The club receives 10% of the sale price.

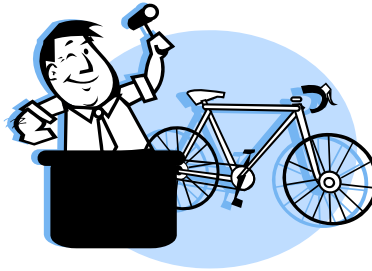
Buy-backs are \$1.00.

All items to be removed at the end of the auction.

Auctioneer's word is final!

The club uses the services of professional auctioneer Chip Lauer. Chip has been our auctioneer for many years and while he is not a ham he certainly can tell stories

about our buying habits! While not a significant fundraiser for the club the auction provides a valuable service



for both club members and all hams in the greater Des Moines area.

November 26th 6:00 PM

**St. Paul Presbyterian
Church
6426 Merle Hay Road
Johnston**

**Breaking News
Page 10**



DMRAA Christmas Party

The Des Moines Radio Amateurs Association will host its annual Christmas Party Tuesday December 3rd. The party will begin at 6:00PM with a potluck style meal. Following the meal we will be entertained by the Plymouth Congregational Bell Choir. The DMRAA will then present the Winthrop Mager award. All club members and guests are encouraged to attend. Please bring a hot and cold dish and your own table service. The club will provide a spiral cut ham and drinks. Nominations for the Winthrop Mager award must be submitted to Bruce Brumm KCØZMT at or before the Chili Feed / Auction.

6:00PM Waveland Room 1, Plymouth Congregational Church,
42nd & Ingersoll Des Moines, IA

Dues

The DMRAA board is pleased to announce that cost of membership will remain the same. Dues will continue to be \$20. Your yearly dues do lots of things for amateur radio. The club provides these many benefits -

- Financial support of Polk County ARES
- Study classes for future hams
- Hamfest
- Field Day
- Chili Feed / Auction
- Repeater maintenance
- Christmas Party
- Website and domain costs

We encourage you to pay your dues at the Chili Feed. You may pay for up to three years at \$20 per year.





Come enjoy the fellowship

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



Upcoming Meetings

November 26th 6:00 PM

St. Paul Presbyterian Church
6426 Merle Hay Road
Johnston

Annual Chili Feed & Auction.

Great chili will be served starting at 6:00pm
 with the auction beginning at 7:00pm

Winthrop Mager Award

The purpose of the Winthrop Mager Award is to perpetuate the memory of the Rev. Winthrop M. Mager WØMJH, and to stimulate the activity in all fields of amateur radio in the central Iowa area. It is awarded by the Des Moines Radio Amateurs Association. Any radio operator with any class license who is a member of the Des Moines Radio Amateurs Association is eligible. Nominations will be submitted to the committee in writing no later than the regular November meeting. Nominations for the Winthrop Mager Award need to be sent to the DMRAA president no later than the conclusion of the November meeting, which is the annual chili feed and auction. They must be in writing. The president will give the nominations to the committee for processing at that time. Nominees are those amateur operators that have shown outstanding support for amateur radio, promotion of the amateur radio service and have done so with the utmost respect for the community and fellow operators. Please submit your nominations soon!
 Previous award winners [Winthrop Mager List 2012](#)

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.



Member Benefit

QST App

Apple iOS Edition

Get the digital, interactive edition of QST on your iPhone, iPad and iPod touch.

Go Now!





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



Polk County ARES has been busy this year. Our last event for the season will be the Living History Farms race and then planning for next year will begin.

As we reflect on the events of the year we sometimes forget to say "thank you." So without much further ado, thank you to those who have helped out by volunteering for or coordinating an event, loaning equipment to another operator, helping program radios or trackers for an event, or even letting someone else shadow you so they can feel better about helping out in the future.

I've written before about why I do events and how important it is that we learn from these experiences to further our knowledge and preparedness, but another reason to become involved is the impact our service has on

our community. Over the last year, the volunteers of Polk County ARES have invested literally thousands of person-hours in planning, preparing, and participating in events throughout our community to the benefit of several different organizations and the individuals they serve.

An example of this can be found in the IMT Des Moines Marathon. On the day of the event, 35 operators served approximately 245 hours. The Amateur Radio Relay League uses \$19.00 per an hour as a multiplier to determine the "value" of an amateur operator's time (in my opinion this is an extremely low number). For discussion sake, however, the value of this contribution is \$4,655. Additionally, we utilized four repeaters conservatively valued at \$4,000 each for a total of \$16,000. With

10,000 participants, each would have had to "pay" an additional \$2.00 in their registration to cover the "cost" of these services. That does not even factor in the value of handhelds, antennas, mileage to and from, or any other individual equipment.

Instead, we were able to help out the organizers of the marathon, which allowed them to make significant contributions to various charitable causes - benefiting people served by those organizations, increase our preparedness, and frankly utilize frequencies that are ours because we do public service.

So, again let me say "Thank You" to each of you for your help and indeed, all you do to support Polk County Amateur Radio Emergency Service.

Scott, NØOOD

ARES MEETING DATES

January 13th, 2014
 Bring a friend



2013 ARES Events

Living History Farms
 Cross Country Race
 November - 23

Why Join ARRL?

Now is the time to join the 160,000 members of ARRL. Whether you're interested in emergency communications, public service, personal safety, making friends, or expanding your knowledge, ARRL members enjoy ham radio to the fullest!



2013 DMRAA Calendar

Plymouth Congregational Church
 42nd & Ingersoll
 Des Moines
 7:00PM
 Waveland Room
 The November program:
 Annual Chili Feed / Auction
 Food at 6:00pm Auction at 7:00pm
 St. Paul Presbyterian Church
 6426 Merle Hay Road
 Johnston

Calendar 2013

General Meetings and Events
26 November, 2013
Chili Feed / Auction
3 December, 2013
Christmas Party
 28 January, 2014
 25 February, 2014
 25 March, 2014
19 April, 2014 Hamfest
 22 April, 2014
 27 May, 2014
 24 June, 2014
 22 July, 2014

Board Meeting Dates

5 November, 2013
 7 January, 2014
 4 February, 2014
 4 March, 2014
 1 April, 2014
 6 May, 2014
 3 June, 2014
 1 July, 2014
 5 August, 2014
 2 September, 2014
 7 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.

President's Soapbox

The Turtle

A few weeks ago I was at a park taking Fall pictures. While sitting quietly in my favorite cove waiting for some wildlife to happen by, I noticed a repetitive splashing sound. After looking carefully around, the sound revealed itself to be generated by a turtle. Now if you have ever observed turtles, you know they are very careful and don't like to be watched. This is because if they are watched too long they tend to turn into someone else's lunch. The turtle I observed hadn't splashed into the lake from his sunny spot on a narrow log. Instead, he seemed to swim around a single point of the very end of his log.

I zoomed in on his position and snapped some photographs, but given my proximity and the shutter noise from the camera, he should have swum for turtle safety long before then. I watched him through the viewfinder for a while and finally observed that all of

his motion and swimming revolved about his right front flipper. Numerous thoughts went through my mind. What was the problem with this turtle? Did he eat too much fermented plant matter? Did he have gas, rendering him unable to dive? Perhaps and not likely.

I continued to observe and finally noticed a glint of sunlight off of a gossamer strand. Then there was no doubt. The turtle had become entangled in a loop of scrapped fishing line. Perhaps there had been a tasty bit of worm or minnow left on a hook which lured him into that position. I could not tell how he got tangled, but tangled he was indeed.

Now, this turtle had done nothing to deserve his predicament yet there he was, in water over the depth of my head and beyond easy reach from shore. There were no fishermen nearby in boats to affect a rescue. What was I to do? I had nothing with me to free him and had engagements elsewhere that evening.

I slung my camera over my shoulder, uttered a few choice epithets towards the slobs who had failed to clean up their fishing waste, and left.

The next day I phoned a couple of friends. One had already stored his boat for the season and another had no time for such trifles as a turtle rescue. I shrugged and hoped the turtle would be gone the next time I visited. The next weekend I went to look, and was utterly dismayed to see him flopping about, still trying to get free.

I failed that turtle and I did not go back again to observe his ultimate fate.

So in this upcoming season of generosity and plenty, please do not fail to help others who may be in distress or need.

We can't all
 be heroes
 because
 somebody has
 to sit on the
 curb and clap
 as they go by.
Will Rogers



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
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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
Sunday	146.820- t 114.8	9:00pm	ARTS Net
Wednesday	53.250-	7:30pm	Iowa 6 Meter FM Net
Wednesday	146.610- t 114.8	9:00pm	Night Owl Net
Thursday	146.940- t 114.8	7:00pm	Polk County ARES Net

MARSHALLTOWN

Sunday	147.135+ t 141.3	6:00pm	CIRAS 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

WEBSTER CITY

Monday	147.015+	7:00pm	Hamilton County Radio Club Net
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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

November 17th

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

Boone 9:00am

Dec 14

Time: 9:00 AM

Location:

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

Contact:

Steve NØNEU

(515) 432-4006

Ames

Saturday, November 9, 10:00 AM

1304 Howe Hall, Iowa State campus

Contact:

George Oster, NP2N

515-233-3535

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?

Chili Feed / Auction

Below are some items that will be sold at the upcoming DMRAA Auction.

- Kenwood TM-D700
- Magellan GPS
- Dual-band NMO mobile antenna
- Coax

Buy / Sell

Your ham gear advertised here. Contact info@dmraa.com

Rumors!
↓

We could have several Heathkit items at the auction



Are you checking the website?

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

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

Hungry and looking to meet local hams? On Fridays at 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.





Next class begins in
February
Waukee South
Middle School.

DMRAA Technician Classes

The DMRAA Training committee has been hard at work this fall with another Technician Training class. This fall's class has been held at Merrill Middle School at 5301 Grand Av. This terms' class has 7 students and is in the final three weeks of class. Testing will be November 21. The location for the testing has had to be changed from Merrill because of a schedule conflict with the school activities and it seems that the testing will be moved to Roosevelt, but this is not firmed up at this point in time. Where ever it ends up be conducted, everyone is welcome to test for Technician, General or Extra. If you would like to test, please contact Rick Allen (NØCFL) so he can plan to have the testing material available.

The committee will be teaching another Technician class, starting in February, at The This will likely be the last class taught using the current ARRL Technician License Manual because they are due to be revised in June 30, 2014.

Last year the committee did teach a General Class that was well received. There were not enough students to run the class again this year but the current plan is to offer a General Class in the Fall of 2014 if there is an interest.

In addition, if there is an interest, there is a possibility that a Morse Code class can be put together next year.

If you have any questions please feel free to contact any of the members of the Training Committee.

Ron Hobbs (NØXWI), Dick Hinson (KB0JOU), Dennis O'Brien (KAØDOS), Ken Tow (KDØNEW) or Mark Globuschutz (KØMJG)

Editor note: These classes are another great example of how the Des Moines Radio Amateurs Association gives back to Amateur Radio.



ARRL Midwest Division Convention - November 8-9 - Lebanon, MO

The excitement is building with just two weeks to go until our ARRL Midwest Division Convention on November 8-9, at the Cowan Convention Center in Lebanon, Missouri. The Lebanon ARC, with help from many clubs and individuals throughout the country, has lined up an outstanding convention.

Here's some of the highlights:

- FREE admission, FREE parking.
- Outside flea market – FREE to all – opens Friday 2 p.m. and Saturday 7 a.m.
- Inside flea market - \$10 per table – opens Friday 2 p.m. and Saturday 8:30 a.m. - contact K1USA – k1usa@arrrl.net
- Former Astronaut Steven Nagel N5RAW - Friday 5 p.m. presentation in convention theater - Ham Nation with Bob Heil K9EID and guests Bill Pasternak WA6ITF and Gordon

West WB6NOA - Friday – 6 p.m. in convention theater

- Opening Ceremony in the Theater – Saturday 8 a.m. – Chance to win HF transceiver and UHF/VHF transceiver - no purchase necessary. Must be present to win.
- Presentations by ARRL CEO Dave Sumner K1ZZ and ARRL Emergency Preparedness Manager Mike Corey K1IU
- Youth Forum with Astronaut Steven Nagel N5RAW and Carole Perry WB2MGP
- Major vendors attending: ICOM, YAESU, KENWOOD, ELECRAFT, FLEX RADIO, HEIL SOUND, MFJ (including Hygain, Cushcraft), Alpha/RF Concepts, Associated Radio, WBOW, Ameritron, Ham Radio Deluxe, Quicksilver Radio, Main Trading Co., RadioWavz, Microlog, D&L Antenna Supply, Alpha Antenna, Rigol, Mirage, Ham Crazy, and more - Forums all day Saturday covering such topics as

DXing, Contesting, Emergency Preparedness/ Communications, Satellite Communications, ARES, Antennas for Restricted spaces, HF Amplifiers, Software Defined Radio, Antennas and Grounding Systems, FLDigi, Remote operations, D-Star, Malpelo HKONA DXpedition, QRP, HF Digital Voice, Army and Navy MARS, Public Service/Red Cross, SEMA, FEMA, and More

- VE Testing – Saturday November 9, at the Public Library at 9AM
- W1AW/0 Special Event Station
- Hourly and Grand prize drawings
- Classic Radio Beauty Contest - contact Bill Carns N7OTQ – wcarns@austin.rr.com
- DXCC and ARRL Awards Card Checking at the ARRL booth
- WO QSL Bureau

Wintrop Mager Award Winners

1964 John Moffet WØSVD
 1965 Lee J. Roy WØUDO
 1966 R.W. Denniston WØDX
 1967 Robert M. Evans WØAUL
 1968 Kenneth Woody KØSWE
 1969 Warren Huffman KØCVT
 1970 A.W. "Red" Kruse WØLCX
 1971 Thomas R. Fergus KØQXT
 1972 Dale White KØQXL
 1973 Richard Witt KØIDJ
 1974 Wayland Osborn WØRRG
 1975 Harold Rosenberg WØIYW
 1976 Bryon W. Mann WØSEJ
 1977 Warren Bensley WAØITC
 1978 Ray Stanley K5RRS
 1979 Carmi Smith WAØJOC
 1980 Gary Liljegren WØSH
 1981 Charles Corcoran KD9UD
 1982 Robert McCaffrey KØCY
 1983 Ronald Kinton WBØMBZ
 1984 Harris "Mike" Golden KØGHD
 1985 Bob Heitman WDØDOK
 Marsha Heitman KAØJZF
 1986 Jim Snapp NAØR
 1987 Bob Jimmerson KAØOMM
 1988 John Sawhill WAØO
 1989 Al Peterson KCØKZ
 1990 Don Boyvey KDØBG
 1991 Harold Ober NØHZK
 1992 Don Schmidt WØANZ

1993 LaRue "Irish" Olson WAØATI
 1994 Leroy Koder WDØCZO
 1996 Bill Claypool NUØQ
 1997 Duane Bower WDØUCY
 Melanie Bower KBØJSD
 1998 Jim Case KIØIP
 1999 Maggie Harmon KBØZBL
 2000 Dave Johnson NØLVA
 2001 Ron Hobbs NØXWI
 2002 JoAnn Deaton KCØBTW
 2003 Don Whitmer KCØWJ
 2004 Mike Greenwood KC4VG
 2005 Dan Miller KCØFRL
 2006 Kim England KCØTHB
 2007 Tom Reis NØVPR
 2008 Lowell Abarr KB6SDI
 2009 George Noble KK7FM
 2010 Larry Vandewater NØBKB
 2011 Bruce Brumm KCØZMT
 2012 Dennis O'Brien KAØDOS

Soldering PL-259 connectors

I was recently paging through some old QST magazines and ran across an interesting article in the Hints & Kinks section of the June 2009 issue. Mike McAlister, KD6SF had written a short article on how he successfully soldered the connectors to the shield of RG-8/RG-213. He claims the reason it is difficult to get solder to the cable braid was because the oxidation impurities coats the connector surfaces creating a heat barrier between the iron and the connector. He suggests the following procedure to overcome the problem:

Once the cable is inserted into the connector, apply a few drops of lightweight machine oil (3-IN-ONE[®]) or sewing machine oil, into the hole (solder cup) of the connector before applying the soldering iron and solder. The oil should cover the braid and the sides of the hole.

Dipping the nose of the hot soldering iron into the hole and holding it there for maybe 2 seconds maximum will cause the impurities to float to the top of the oil. Then, quickly apply the solder into the hole along the nose of the iron. The molten solder will "cup up", forcing some of the oil out of the solder hole. Instant removal of the solder and the hot iron will facilitate fast cooling of the braid-connector joint.

The job won't take more than 5 seconds -10 Max- and there's no need for any additional heat. If the cooled solder

has risen over the top of the cup, slide the side of the soldering iron laterally across the solder to smooth it out. You may elect to wipe off any excess oil but if you don't, it will serve as a corrosion inhibitor on the outer surface of the connector. Rotate the cable and duplicate the soldering application in as many holes as necessary (he usually stops at two). He used a middleweight Weller iron, dual temperature, 100/240 W. He claims it is more than enough.

Mark, KØMJG

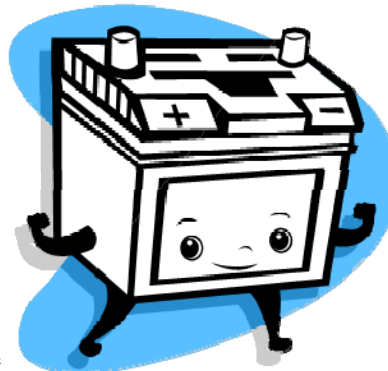


What does your battery box look like?

Do you have one? Do you really need one?

Good questions to be sure. I can't speak for everybody, but I'll start by sharing my thoughts.

Yes, I have a battery box, a big one. It contains two 35ahr sealed lead acid batteries. I chose this configuration to supply my command box when needed. In this case the batteries came from the NWS Doppler Radar site. They obviously are not new, but very serviceable. I placed them in a large plastic marine battery case that I have modified. The modifications include installing a surface mount Anderson PowerPole dual receptacle and a digital volt meter. This allows me to run two devices and they are rated at 30 amp. The outlets are fused and I keep additional fuses in the case. I also have a light duty charge line with PowerPoles so that I may charge the batteries with a PowerFilms foldable 60 watt solar array. The box is quite useful to my Boy Scout troop when it heads off to summer camp. It charges the troop's HTs, cellphones and runs a couple of C-Pap machines. When it came home this summer the battery was fully charged.



A word about safety and maintenance. Clearly we must protect the terminals from an accidental short. This is why a plastic box is so ideal. With maintenance free batteries you can't do much more than keep them clean and charged. I have rehydrated them on occasion with pretty good results.

But keeping them charged and ready to go is where to put your money. I use a \$6 wall wart float charger from Harbor Freight Sales. I have replaced the clamps with PowerPoles and just plug it in. It will not overcharge the batteries which would drastically reduce their life span.

Remember to use terminals and cables that you'll want when the need arises. Not much good bringing PowerPoles to a cigarette lighter cable. I tried this and it didn't work! Remember to keep an extension cable handy as you may not want to leave the battery on a table.

Stay charged!
73
Tom, NØVPR

Now this is a pretty hefty battery box and your requirements might dictate a different size unit. I don't advocate running out and buying new. Keep your eyes open and you may find a gently used power chair battery, usually they are in the 35ahr size. You might also find a UPS (Uninterruptable Power Supply) battery of sufficient size.

I also have a go-box with two UPS 11Ahr batteries. The box is complete with dual-band mobile, ground plane antenna and mount in a very compact yet heavy case. In this case I have measured the loads at different output levels and noted it on the batteries. Lower power equals longer run times.



Recieve	.4 A
Transmit 50 watt	6.7 A
20 watt	5.4 A
10 watt	3.9 A
5 watt	3.0 A



15th Annual SKYWARN Recognition Day

The 15th Annual ARRL and NWS SKYWARN Recognition Day (SRD) returns this year on 7 December. The Event, as conceived by the ARRL and NWS, continues on this day as a way of saying “Thank You” to the numerous amateur radio operators across the country and locally who contribute their time and expertise during high impact weather and hydrologic events while also providing emergency communications in support of the National Weather Service’s Mission of “...protecting life and property...”. This year, the Event starts at 6 p.m. Friday Dec. 6 and continues through 6 p.m. Saturday Dec. 7 with a break in the action overnight (midnight to 8 a.m.). As in past years, food and drink will be provided Friday evening as well. December 7th is also Pearl Harbor Day; this year the organizers may be commemorating Pearl Harbor Day in the SRD as well.

Operating conditions for the Event will be similar to prior years, with HF, 2m, and 70cm phone. As was the case in 2012, we’ll shut down the station between midnight and 8 a.m. to give a break to the operators.

Additional details can be found on the internet at <http://hamradio.noaa.gov>. We’re looking forward to having folks stop by and check out the office, run the rigs, log contacts, and just in general have a good time.

73

Shane Searcy, N0ZXJ, NWS Des Moines
Shane.Searcy@noaa.gov

**Look!!!
Breaking News**

DMRAA to Offer Free Hamfest Tickets!

That’s right, the DMRAA board is excited to offer free admittance to the 2014 DMRAA Hamfest simply by paying your 2014 club dues on or before the January 28th Club meeting.

The rationale behind the offer is two-fold. First to give something back to the members of the DMRAA. Secondly, to encourage our members to pay their dues in a timely manner. It is that simple: pay your dues before the January 28th meeting and get free admission to the 2014 Hamfest. This offer also applies to any member who has paid for multiple years. Simply add a year to your membership and get the free admission deal.

The DMRAA is a great organization and we hope that this offer will also encourage folks to become members for the first time.

Renewing your dues couldn’t be easier. Come to the Chili Feed / Auction November 26th and renew then. You may also mail your renewal to:

DMRAA

P.O. Box 88

Des Moines, IA 50301

The deadline for this offer is at the January meeting, January 28th, 2014.



Of course this offer is open to new members too!

The fine print (fine print)



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

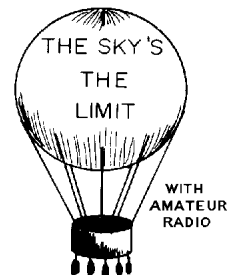
What are your primary interests in amateur radio? _____

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



Winthrop Mager Award:

The purpose of the Winthrop Mager Award is to perpetuate the memory of the Reverend Winthrop M. Mager WØMJH, and to stimulate the activity in all fields of Amateur Radio in the Central Iowa Area. It is awarded by the Des Moines Radio Amateur Association, Des Moines, Iowa. Any radio operator with any class license who is a member of the Des Moines Radio Amateur Association is eligible. Nominations will be submitted to the committee in writing no later than the regular November meeting.

Nominations for the Annual Winthrop Major Award need to be sent to the DMRAA President no later than the November meeting. They must be in writing. The President will give the nominations to the Committee for processing at that time. Nominees are those Amateur Operators that have shown outstanding support for Amateur Radio, promotion of the Amateur Radio Service and have done so with the utmost respect for the community and fellow operators.

Nomination

I would like to nominate:

NAME: _____ CALL: _____

Please tell us why this person would be a good choice for the Winthrop Mager award:

Submitted by: _____ Call: _____

Date: _____