
KDØCI's Radio Newsletter

Volume 4 Number 12 - [Supporting Amateur Radio in Eastern Minnesota & Northwest Wisconsin](#) - December 25, 2009

ARESMAT DESIGNED TO FILL ARES VOIDS

Amateur Radio Emergency Services, or ARES, has long been in existence at the county level throughout our region and the nation. However, not all counties have an ARES team, and other counties have no organized Amateur Radio emergency communications assistance team of any kind. So what happens if a disaster takes place in a county that has no communications support team of its own? In Minnesota, an effort is being made to correct that situation.

Enter ARESMAT.

ARESMAT, or Amateur Radio Emergency Services Mutual Assistance Team, was conceived as a plan to fill the voids. In other words, counties that do not have an operational team of their own would be served by ARESMAT. However, much needs to be done before this operational plan becomes a reality.

The plan is to recruit Ham operators from around Minnesota to serve as a volunteer mobile rapid deployment group, at least that is the plan put forth by Minnesota ARRL Section Emergency Coordinator Dan Anderson, KDØASX. To get the ball rolling, he appointed Ben Ramler, KØBLR, of St Cloud to coordinate efforts to build up a statewide ARESMAT team capable of responding and deploying to anyplace in Minnesota on very short notice. During a recent interview, Ramler revealed details regarding ARESMAT, and a few of its basic tenants and plans. The discussion also touched on a few of the challenges that lie ahead.

The first challenge Ramler faces is to recruit enough amateur volunteers statewide to form an effective and adequately staffed team. He believes it will require at least 25 or more operators from all across Minnesota, and the team must be staffed up enough to manage during any disaster, especially given that not everyone would be available at any given time in order to meet the objective – to respond at any time to a disaster in any county of the state where ARES does not exist.

“For example, where a disaster occurs in a county that has no ARES coverage, and a request for communications assistance is made,” Ramler says, “the ARESMAT team would then deploy to the requested area to assist.” Ramler placed special emphasis on the word “assist” as it is not the intent of the team to take over, but rather to assist in communications efforts in a disaster area.

Several other challenges face Ramler. The team will have to be adequately equipped and, depending on prior training, volunteers will face a series of training sessions. In terms of equipment, Ramler hopes that volunteers will be able to put together their own “communications kits” to serve them when deployed.

The Minnesota ARES website has posted a page exclusively dedicated to ARESMAT, and while not much information has been posted there yet, it will become the “go to” page for the latest ARESMAT information. However, the status of the organization is still pretty much on hold. As Anderson puts it on the Minnesota ARESMAT webpage, “We aren't officially recruiting yet while we are in the process of creating documentation and process[es] for the team.”

If you have an interest in ARESMAT, you can contact Ramler to put your name on the list of people to contact once everything is in place. He can be reached at ben_ramler2002@yahoo.com. For more information about ARES in Minnesota, check out their website: <http://www.minnesotaares.org/>.

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All this and more in this issue of the KDØCI Radio Newsletter

EDITORIAL: At Years End, Finding Some Good Amid the Gloom!

By Kenny Broshofske, KDØCI

It's very hard to ignore reality. I would be the first to acknowledge that this has not been the best of years. Our nation is in the midst of the deepest political turmoil since the Civil War, the economy is the worst since the Great Depression and nearly in ruins, and national security remains a huge issue.

Even in Amateur Radio there are serious concerns - will our operator base continue to grow, will we be able to retain our allocation of frequencies against an ever growing demand, and will we continue to overcome obstacles that keep getting thrown in the way of our ability to facilitate emergency communications?

Legitimate concerns – all, yet in spite of all this gloom there is also some good news on the regional Ham Radio front.

Efforts continue in this region and elsewhere to grow the hobby. As was extensively explained in the October issue of the Newsletter, there have been numerous classes and testing sessions during the past year, which at least helps to sustain the available pool of licensed amateur operators. A team of Skywarn Spotters is now established in the area, with plenty of room for more Spotters. There is also an effort underway to train operators, albeit painstaking at times.

One of the best ways I know of to train operators is to provide on air opportunities, especially for new Hams who have no equipment of their own but want to get on the air. Promotion of the regions two major emergency nets, the Eastern Minnesota Emergency Simplex Net and the Central Minnesota Emergency Hospital Net, are outstanding opportunities in which this could be done. The problem is, there are TWO major problems that don't seem to want to go away. One is, while emergency facilities such as hospitals, public health centers, fire departments, law enforcement offices, and so on should be making their amateur radio stations available for operators to train in, the disappointing fact is that not many are – especially during the evening EMESNET sessions. The other and perhaps larger problem is that some of these same facilities, especially hospitals and public health centers, are either not adequately staffed with volunteer operators, or the facilities themselves are unable to communicate due in part to a reliance on repeaters. In fairness to those of us with a vision to rectify the gaps in communications, the cold hard fact is that such efforts require money, and unfortunately many sources of funding have literally dried up.

If there was an easy answer to any of the aforementioned problems, I'd certainly serve them up. We can be “creative” only to a certain extent. While, for example, funding from any source for projects would be welcomed, we have to be realistic in the knowledge that this economy right now is not conducive to such. On the other hand, it seems to me the problem of opening facilities to promote training opportunities is a far easier one to fix. The question that lies beyond a failure to fix the problems is whether or not people will eventually lose interest. Somehow, we as Amateurs must keep the interest alive, and find ways to promote operator involvement while at the same time living within our means until the economy improves – assuming it ever will.

Another bit of good news is the continued support for this newsletter. Yes, I admit, there are times when I wonder how long I can continue grinding out information to an unknown level of readership. There are even times when I think I'll have to do a bit of digging to make a given issue worth sending out when all of a sudden – out of the blue – something happens or someone passes along information to make it worth while. Then, there are the occasional comments from readers. In all honesty, I've never received a bad comment about this newsletter yet – not that they might be deserved for one thing or another. Trust me, being a humble person I hesitate to publish good comments by themselves, lest it appears as though I'm beating my own drum. For the record, I've tried hard to be very open about soliciting comments, both pro and con, in an effort to make this publication a viable one. Therefore, the only conclusion I can draw is that – so far anyway – this newsletter continues to prosper thanks to a growing circulation and a loyal readership.

As 2009 draws to a close, we should reflect on the past year and make resolutions in 2010 to learn from our failures and correct them, realize missed opportunities and change them, and look upon our successes and grow from them.

As editor and publisher of the KDØCI Radio Newsletter, I want to thank all of you who have made this publication a success again this year. I want to assure you that I'm dedicated to continuing this effort for as long as I can.

Editors Note: Comments from our readers regarding Newsletter Editorials are always welcome. Please submit your comments to kd0ci@arrl.net. Comments will of course be subject to editing if and where required.

NEWS FROM OUR REGION & ELSEWHERE

Hennepin County Sheriff's CRT Receives Presidential Service Award



The Hennepin County Communications Response Team Presidential Service Awardees – Photo from NØYR

Thirteen members of the Hennepin County Sheriff's Communications Response Team were the recent recipients of a Presidential Service Award. They received the awards for at least 250 hours of service over the last 1-1/2 years. The award included a Lapel Pin, a letter signed by President Barack Obama, and a certificate from the National Service Organizations of America.

In his letter, the president thanked the members for, "helping address the most pressing needs in your community."

John Smolenski, NØYR, and Chief Sergeant for one of the crews explains that the CRT is, "a small group that has been in existence since 1956, when hams took their huge transmitters in their cars out to help the local police and Sheriff's office maintain communication for neighborhoods or incidents. We train two times a month, attend training offered by the county, and take turns on call for one week a month. We have 26 members operating a 2 million dollar Command Vehicle. We have three crews and take turns on call one week a month. Sometimes we get 2 on calls a month due to calendar."

Sherburne VE Team Announces Venue Changes For Monthly Testing

The Sherburne VE Team will be changing locations and times for VE Testing on the 4th Saturday of each month.

Their first test session for 2010 will be 10:30 AM on Saturday January 23rd at the Big Lake Library, 790 Minnesota Avenue in Big Lake. From the traffic light at the junction of US Highway 10 and County Road 43 just east of Big Lake, go north on County 43 about 2 blocks to Minnesota Avenue, then turn left, you will see the schools. About 1 block on your left tucked back from the front parking lot is the New Big Lake Library directly across from the Elementary School.

The VE Team also plans to be in Ogilvie during the Spring Amateur Radio Class, the dates for which are still pending.

Scatterbrain Net Information Update

In the November issue of the Newsletter, it was announced that Dave Winn, KCØYBX, would once again preside over another session of his Annual Holiday "Scatterbrain Net" on Tuesday December 29th at 7 PM on the Milaca Repeater [145.350 MHz]. That event is still on, BUT if the December 29th session alone wasn't enough to give you some holiday cheer, then how about another session! Well, leave it to our resident amateur Santa Claus, KCØYBX, to come through with just that. The Christmas session was Tuesday December 22nd at 7 PM and was the first of the two "Scatterbrain" Net sessions. That session took place on the Ogilvie Repeater [147.240 MHz, PL 146.2 Hz], with KCØYBX presiding.

Last year, the Scatterbrain Net held both of its inaugural sessions on the Ogilvie repeater. The net has since served as a cheerful holiday substitute for the Eastern Minnesota Emergency Simplex Net, which has traditionally taken the two week Christmas/New Year period off.

The EMESNET will resume its regular schedule on 146.565 MHz at 7 PM Tuesday evening January 5th, with KDØBUS scheduled as Net Control.

Skywarn Recognition Day a Big Success

Amateur Radio operators at National Weather Service Offices and elsewhere across the United States participated in the annual Skywarn Recognition Day for the 24 hours of the event starting at 6 PM December 4th and continuing until 6 PM on December 5th.

According to an article published on the National Weather Service's Duluth Office website, Amateur Radio volunteer spotters and net control personnel operated several radio stations with the call sign KØNWS at the NWS Duluth office. They made contact with 43 other NWS offices, and hundreds of other amateur radio operators around the U.S. and the world - including Canada, Finland and France.

Meanwhile, the National Weather Service's Office in Minneapolis/Chanhassen reported having two radio stations set up adjacent to the forecast and warnings area. Members of the Minnesota Youth Amateur Radio Council or MNYRC and Amateur Radio Scouting, a Minnesota Boy Scout Organization, provided the additional equipment, antennas, and several operators. A few of the members also manage one of the Twin Cities Metro Skywarn Emergency Operations Center's. NWS Office Skywarn Coordinators and two NWS Chanhassen forecasters also operated the radio stations. Preliminary log sheet tallies show 236 contacts, which included 41 other NWS stations.

Skywarn Recognition Day was developed in 1999 by the National Weather Service and the American Radio Relay League to celebrate and recognize the contributions that volunteer Skywarn amateur radio operators make to the National Weather Service.

Arrowhead Emergency Response Mobile Command Vehicle Moved To Lake County

With funds to support the ongoing maintenance virtually non-existent at the county level in Kanabec or Pine County, a decision has been made to transfer the location of the Arrowhead Emergency Response Mobile Command Vehicle to Lake County, northeast of Duluth.

"Lake County appears to have the necessary funding to facilitate both the housing and the ongoing maintenance of the vehicle," according to Lowell Sedlacek, KDØFLQ, Kanabec County Emergency Services Director. They are also reported to have a very active group of Amateurs who are ready, willing, and able to take on the task.

The vehicle had been undergoing an extensive remodeling and equipping over the past year while being stored in Kanabec and Pine Counties. It was on public display during the Kanabec County Fair, and had participated in an emergency exercise in a remote region at the end of Minnesota's Gunflint Trail during this past summer.

**CALLING ALL TECHS! GET INTO THE HF BANDS!
CHECK IN THE UPPER MIDWEST 10 METER NET!
Thursday @ 8 PM on 28.480 MHz USB – with Net Control KBØHDA**

RECENT BULLETINS FROM THE AMERICAN RADIO RELAY LEAGUE

Amateur Radio Bill Passes Senate, Moves to the House

Bulletin from ARRL Headquarters, Newington, Connecticut

Washington, DC - On Monday, December 14, Senate Bill S 1755 -- The Amateur Radio Emergency Communications Enhancement Act of 2009 -- passed the Senate by unanimous consent; the bill now goes to the House of Representatives for consideration.

Sponsored by Senator Joe Lieberman (ID-CT), and Senator Susan Collins (R-ME), S 1755, if passed, would direct the Department of Homeland Security (DHS) to undertake a study on emergency communications.

S 1755 points out that "There is a strong Federal interest in the effective performance of Amateur Radio Service stations, and that performance must be given -- (A) support at all levels of government; and (B) protection against unreasonable regulation and impediments to the provision of the valuable communications provided by such stations."

Members of the Senate Homeland Security and Governmental Affairs Committee considered S 1755 on December 10. After it passed through Committee, it was placed on the Senate's calendar to be voted on. "We are grateful to Committee Chairman Lieberman and Ranking Member Collins for sponsoring the bill and arranging for its swift consideration and passage by the Senate," said ARRL Chief Executive Officer David Sumner, K1ZZ.

Similar in language to HR 2160 (also called The Amateur Radio Emergency Communications Enhancement Act of 2009 that was introduced this past April by Representative Sheila Jackson-Lee [D-TX-18]), S 1755 calls on DHS to undertake a study on the uses and capabilities of Amateur Radio Service communications in emergencies and disaster relief and then to submit a report to Congress no more than 180 days after the bill becomes law. The study shall:

- Include a review of the importance of Amateur Radio emergency communications in furtherance of homeland security missions relating to disasters, severe weather and other threats to lives and property in the United States, as well as recommendations for enhancements in the voluntary deployment of Amateur Radio licensees in disaster and emergency communications and disaster relief efforts and improved integration of Amateur Radio operators in planning and furtherance of the Department of Homeland Security initiatives.
- Identify impediments to enhanced Amateur Radio Service communications, such as the effects of unreasonable or unnecessary private land use regulations on residential antenna installations; and make recommendations regarding such impediments for consideration by other federal departments, agencies and Congress.

In conducting the study, S 1755 directs the Secretary of Homeland Security to "utilize the expertise of stakeholder entities and organizations, including the Amateur Radio, emergency response and disaster communications communities."

S 1755 makes note of the fact that Section 1 of the Joint Resolution entitled Joint Resolution to Recognize the Achievements of Radio Amateurs, and To Establish Support for Such Amateurs as National Policy -- approved October 22, 1994 (Public Law 103-408) -- included a finding that stated: "Reasonable accommodation should be made for the effective operation of Amateur Radio from residences, private vehicles and public areas, and the regulation at all levels of government should facilitate and encourage amateur radio operations as a public benefit."

The bill also pointed out that Section 1805(c) of the Homeland Security Act of 2002 (6 U.S.C. 757(c)) directs the Regional Emergency Communications Coordinating Working Group of the Department of Homeland Security to coordinate their activities with ham and Amateur Radio operators among the 11 other emergency organizations, such as ambulance services, law enforcement and others.

**GOT A NEWSWORTHY RADIO RELATED ITEM TO SHARE?
GOT AN IDEA WORTH TRYING?
ARE YOU EXPERIMENTING? NEED HELP WITH SOMETHING?
PASS THEM ALONG - LET KDØCI RADIO NEWSLETTER READERS KNOW!**

FCC Looks to Revise, Clarify Vanity Call Sign Rules

Bulletin from ARRL Headquarters, Newington, Connecticut

On Wednesday, November 25, the FCC issued a Notice of Proposed Rule Making (NPRM) -- WT Docket No. 09-209 - seeking to amend the Commission's Amateur Radio Service rules to clarify certain rules and codify existing procedures governing the vanity call sign system, as well as revise certain rules applicable to club stations.

According to the FCC, almost 80,000 licensees have replaced their sequentially issued Amateur Radio call signs with a vanity call sign since the program began in 1996. When the program began, the Commission established what they called "the broad outlines" of the vanity call sign system, concluding that call signs generally should not be available for reassignment for two years following the death of a licensee, or expiration or termination of the license for that call sign. In doing so, the Commission made exceptions for former holders of the call sign, close relatives of a deceased former holder and club stations of which a deceased former holder was a member.

The Commission did not, however, specify all of the procedures governing the vanity call sign system, but indicated that the procedures "would be set out in the Public Notices announcing 'starting gates' for the groups receiving initial priority and that the procedures would be adjusted from gate to gate as experience dictated." The procedures announced in the Public Notices announcing the gates are still in effect, but they are not set forth in the Commission's Rules.

The NPRM states that the FCC "now believe[s] that certain provisions should be codified in our rules, and others added, so that the vanity call sign system will be fair, equitable and transparent to all amateur service licensees. The Commission also decided in the Vanity Report and Order [issued in 1996] to resume issuing new club station licenses. We believe that certain rule changes to the club station licensing rules may be appropriate."

W1AW 2009/2010 Winter Operating Schedule [CW Practice, CW, RTTY & Voice Bulletins]

Schedule:

Time	Mode	Days
1400 UTC (8 AM CST)	CW [slow]	Wednesday, Friday
2100 UTC (3 PM CST)	CW [fast]	Tuesday, Thursday
2200 UTC (4 PM CST)	CW [bulletins]	Daily
2300 UTC (5 PM CST)	RTTY	Daily
0000 UTC (6 PM CST)	CW [slow]	Monday, Wednesday, Friday
0100 UTC (7 PM CST)	CW [bulletins]	Daily
0200 UTC (8 PM CST)	RTTY	Daily
0245 UTC (8:45 PM CST)	VOICE	Daily
0300 UTC (9 PM CST)	CW [fast]	Tuesday, Thursday
0400 UTC (10 PM CST)	CW [bulletins]	Daily

Frequencies (MHz)

CW: 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 147.555
RTTY: 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555
VOICE: 1.855, 3.990, 7.290, 14.290, 18.160, 21.390, 28.590, 147.555

Notes:

CW [slow] = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CW [fast] = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CW [bulletins] = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.
RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud), BPSK31 and MFSK16 sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

VE TESTING & HAMFESTS – Courtesy of ARRL & Other Sources

EVENTS SHOWN ARE THOSE IN OR NEAR EASTERN MINNESOTA AND NORTHWESTERN WISCONSIN

UPCOMING VE TESTING SESSIONS

Saturday January 9th 2010

Sponsor: St Paul Radio Club

Time: 9:00 AM (Walk-ins allowed)

Contact: David M Buending [952] 486-0836

Email: ad2b@arrl.net

VEC: [ARRL/VEC](#)

Location: Roseville Fire Station 1

2701 Lexington Avenue North

Roseville, Minnesota 55113

Saturday January 26th 2008

Saturday January 23rd 2010

Sponsor: Sherburne County ARES

Time: 10:30 AM (Walk-ins allowed)

Contact: John Smolenski, NØYR [763] 263-8741

Email: n0yr@arrl.net

VEC: [ARRL/VEC](#)

Location: Big Lake Library

790 Minnesota Avenue

Big Lake Minnesota

UPCOMING HAMFESTS

St Cloud Minnesota - Saturday February 13th 2010

St Cloud Amateur Radio Club "Cabin Fever Reliever" Hamfest

Location: St Cloud National Guard Armory

Time: 9 AM - 1 PM

VE Testing

Huge Flea Market of used radios, equipment and supplies.

Talk-In: St Cloud/Collegeville 147.015 PL 100.0

More info at www.w0sv.org

COMING EVENTS

Straight Key Night - Straight Key Night is an annual event held on New Years Day beginning at 0000Z [6 PM Central Time December 31st] during which Hams dust off those Straight Keys and operate CW in the old fashioned way!

Minnesota Skywarn Workshop – Saturday April 10, 2010, University of St Thomas, St Paul Minnesota.

This Month In Regional Radio History

One Year Ago – The first annual "Scatterbrain Net", conceived by Dave Winn, KCØYBX, is held on the KDØCI Repeater at Ogilvie. It was the first net session to be held on the repeater since it began operating in August.

Also in December of last year, a successful "path test" was conducted between the National Weather Service in Chanhassen and the KDØCI repeater at Ogilvie.

Two Years Ago – WBØOFB reports that the Askov Packet Node is back up and running after being burglarized in October.

THE KDØCI NEWSLETTER MARKETPLACE

NOTE: This newsletter is ALWAYS looking for your input regarding items available for sale, especially those items that may be of special interest to our newest Hams. If you have an item or items for sale, or if you are looking for a particular piece of gear or accessory, by all means send me the information so it can be published in this newsletter. The Newsletter will not be responsible for operating defects or failures of the items being sold, relying strictly on the integrity of Amateurs themselves to conduct their business honorably.

FOR SALE ITEMS *****

24 Amp Power Supply Kit & Miscellaneous Parts.

Also:

On eBay: Compact Presario Computer, Desktop Tower, 1.9 GHz, 40 gb hard drive, 256 mb memory

Contact: Terry NØGOI n0goi@amsat.org or visit <http://stores.ebay.com/cmradios-Magic-Electronic-Parts>

HP Deskjet 632C color printer - **\$5**

Envision 17" color monitor - **\$10**

Boxer muffin fan 4 3/4" X 4 3/4" 115 volts - **\$5**

QRP antenna tuner kit, 10 watt max, 3.5-30 MHz - **\$5**

Power supply board from Dentron Clipperton-L amplifier, contains 8 - 1000uf, 500 VDC electrolytic capacitors - **\$10**

Memorex external USB CD rewritable drive, 40X read/write speed - **\$10**

Heathkit HW-30 2 meter AM transceiver, "Twoer" - **\$25**

200 pin DDR SODIMM notebook memory 256 MB X 2 - **\$10**

Computer case - **\$5**

XM satellite radio - \$10

Spi-Ro VS-64 trapped sloper antenna, 160-10 meters, no antenna tuner needed - **\$50**

Radio Works Super Loop 80, 80-10 meters - **\$75**

Radio Works 4:1 remote current balun - **\$20**

Cushcraft 124WB Boomer 4 element 2 meter yagi - **\$35**

Contact: Curt Hewitt - NØOK - 612-382-8991. Located 5 miles S.E. of Milaca.

ITEMS AVAILABLE FOR USE *****

1/2 Wave Ringo Ranger Vertical, fully assembled. Contact Dave KAØEVQ on the Tuesday Night Net.

WANTED *****

Rohn 25G 10' section, Rohn BPL 25G - flat bearing shelf, Rohn TB3 - 2" thrust bearing, and a Rohn AG4 - 8' flat top section. Contact: Curt Hewitt, NØOK - 612-382-8991

MISCELLANEOUS *****

I have five computer printers and two flat bed scanners that I have retired over the last couple of years, had the dumpster here till last week and for some reason could not throw them in!! They all worked when retired but I am sure some have plugged nozzles by now. I would like someone to take them all at one time. Let me know by phone or email giving me a couple of days to gather all the discs and reading materials.

Arnie Ryba, KØHWG - Email: afryba@frontiernet.net

HOW WELL ARE WE GETTING OUT?

The KDØCI Radio Newsletter would like to hear from you, especially if you read the newsletter through means other than by direct email.

Tell us how you found out about the Newsletter. Send your comments to kd0ci@arrl.net

REGIONAL AMATEUR RADIO CLUBS & ORGANIZATIONS

NOTE: If you are in our regional coverage area {listed below} and your organization is not listed here, let me know.

EASTERN MINNESOTA -

ANOKA COUNTY RADIO CLUB – www.anokaradio.org

ARROWHEAD RADIO AMATEURS CLUB – www.thearac.org

BEARGREASE AMATEUR RADIO COALITION – www.beargreasearc.com

BRAINERD AREA AMATEUR RADIO CLUB – www.brainerdham.org

EAST CENTRAL MINNESOTA AMATEUR RADIO CLUB – info@ecmarc.us [Note correction from previous info]

MAGIC REPEATER GROUP – www.magicrepeater.net

MORA OPEN REPEATER ASSOCIATION – New email address pending.

SHERBURNE COUNTY ARES – www.shercoares.org [Note correction from previous info]

ST CLOUD AMATEUR RADIO CLUB – www.w0sv.org

STILLWATER AMATEUR RADIO CLUB – www.radioham.org

ST PAUL RADIO CLUB – www.stpaulradioclub.org

NORTHWESTERN WISCONSIN -

POLK COUNTY AMATEUR RADIO ASSOCIATION – www.n9xh.org [Note correction from previous info]

UNIVERSITY OF WISCONSIN/SUPERIOR AMATEUR RADIO CLUB – www.uwsuper.edu

Cushcraft A3S Triband Beam Antenna – SOLD!
Eimac 3-500Z Tube – SOLD!
Cushcraft 13B2 Beam Antenna – SOLD!

HOW?

By advertising in the **KDØCI Radio Newsletter!**

Place your ad in the Upper Midwest's free trading post – the KDØCI Radio Newsletter

MORA Discontinues Google Reflector Website

Due to an unfortunate influx of unfiltered email, the Mora Open Repeater Association permanently closed down its Google Reflector website on November 29th.

According to an email message distributed to club members by Kenny Broshofske, KDØCI, the site had recently been “an attraction for some rather unflattering email - the sort of mail that does not promote our hobby in a useful way to say the least, and attempts to filter it has not helped!”

The move towards shutting down the reflector site had been under consideration for the past several weeks because of limited activity. The email situation, according to KDØCI, only served to hasten the inevitable.

Another more vigorously filtered and controlled reflector site for MORA might be reestablished at a later date. In the meantime, an alternative email address for the club will be established as soon as possible.

Merry Christmas
And a
Happy New Year
From the KDØCI Radio Newsletter!

KDØCI RADIO NEWSLETTER REGIONAL COVERAGE AREA

The following counties in Eastern Minnesota and Northwestern Wisconsin are considered to be within the regional coverage area of the KDØCI Radio Newsletter.

In Minnesota: Coverage area includes all or portions of the following eighteen counties:

Aitkin [Southern Half], Anoka, Benton, Carlton, Chisago, Crow Wing [Southeast Quarter including the city of Brainerd], Hennepin [North and Northwest Suburban], Isanti, Kanabec, Mille Lacs, Morrison [Eastern Half including the city of Little Falls], Pine, Ramsey [North Suburban], Sherburne, St Louis [City of Duluth and Suburbs], Stearns [City of St Cloud and Suburbs], Washington, and Wright.

In Wisconsin: Coverage area includes all or portions of the following four counties:

Burnette, Douglas [Southwestern Half including the city of Superior], Polk, and St Croix [Northwestern Quarter].

A BIT OF HOLIDAY HUMOR! By KDØCI



ABOUT THIS NEWSLETTER

The **KDØCI Radio Newsletter** is a free, independent Amateur Radio information publication for Eastern Minnesota and Northwestern Wisconsin, and is distributed monthly [or more frequently if required] by email to amateur radio operators and clubs, public service officials, and other interested parties. The intent is to provide balanced coverage as much as possible in order to keep interested parties throughout the region and elsewhere informed. The extent of that coverage depends on input from individuals and clubs throughout the region. Since it began in 2006, the Newsletter has grown to where it currently enjoys a wide distribution to individuals, and any or all interested groups. Permission is granted to subscribers to reprint this newsletter for distribution to others. Material herein may be used as long as this newsletter is referenced as the source, or sources within the newsletter are credited.

Your comments, questions, etc for this newsletter are always welcome. Send your comments, as well as any "newsworthy" or "for sale" items for inclusion to either of my email addresses. **Deadline for submitting material for the Newsletter - including ads, is the 20th of the month** [submittals subject to editing]. **Primary Email Address:** kd0ci@arrl.net [proxy server for kdzeroci@q.com] Alternate: kd0ci@yahoo.com

73, Kenny Broshofske KDØCI