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# KDØCI's Radio Newsletter

Volume 4 Number 10 - [Supporting Amateur Radio in Eastern Minnesota & Northwest Wisconsin](#) - October 25, 2009

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## HAM RADIO CLASSES IN THE REGION HELPING TO GROW THE HOBBY

Since 2006, Amateur Radio classes have been held in Foreston, Milaca, Mora, Elk River, St Cloud, and Ogilvie – just to name a few Eastern Minnesota locations, and while the format for each setting varies, the objective is the same – to help those interested in Amateur Radio to earn a license. The number of classes being held in the region continues at a steady pace thanks in part to the level of cooperation shown by a variety of interests.

This past week, another Amateur Radio class was held in Ogilvie, the latest in the recent series of classes held at Ogilvie Public School. The classes have had the support of the school's Community Education Department which promotes each class by publicizing it through its Bus Bulletin. The school also provides the facilities and equipment. KBK Radio helps by promoting classes with Public Service Announcements about them over the air. Information by "word of mouth" doesn't hurt either, and in the case of the Ogilvie classes, past participants have traveled from as far as 80 miles away to attend.

Since the Ogilvie classes began, they have generally been successful. So if there are any advantages, what are they? Kenny Broshofske, KDØCI, instructor for the Ogilvie classes has no sure answer – just a few hunches.

"First, I think having the class on weeknights help. People don't seem to like using time on weekends for classes of any kind. If they can find the time at all during the week, it seems many people prefer that. Second, our classes aren't drawn out over an extended period of time. We get it all done in three separate evening sessions starting with the two evening classes of four hours each, followed by an evening testing session. Third, the burden of study falls squarely on the shoulders of the students themselves. It is up to them to study the material in the book [The ARRL Ham Radio License Manual for Technician] prior to class. All I do is review the material with them, placing emphasis on subject matter deemed essential to their understanding of the material, and answer relevant questions. Fourth, I am my own worst critic. While I try to entertain my classes with stories and illustrations, I've also learned to give them a chance to actively participate, even to the extent of filling out an instructor "critique sheet" at the end of the class. Finally, my job doesn't necessarily end when they pass the test. If at all possible, I continue to work with them in whatever way I can."

Amateur Radio Technician Classes continue to be held on a regular basis in Elk River and St Cloud, the most recent being October 24th in Elk River. The Elk River and St Cloud classes are "all day" sessions with VE testing included, and are usually on a Saturday. At Ogilvie, the weekday evening classes have typically been twice during the school year - one in the fall usually during October, the other in the spring during March or April. Also, in an effort to promote the local Amateur Radio club, classes in Ogilvie are now being sponsored by the Mora Open Repeater Association.

In spite of the recent success and growth, there is still plenty of room for improvement. "We need to find a way to get more youth involved," KDØCI says. "That's where the future of Ham Radio lies. There's certainly enough technology and gadgetry out there to hold their interest. We just have to do a better job of recruiting."

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

# **EDITORIAL: Confusion and Controversy In “When All Else Fails”**

**By Kenny Broshofske, KDØCI**

Amateur Radio has long been known as a means by which emergency situations have been effectively attended to when other means of communication either failed, or were non-existent. Whether it be the rescue of a ship at sea, or assisting in disaster recovery, Ham Radio has throughout its history, and in the true spirit of volunteerism, participated in all sorts of communication heroics. It must be added here that this has been done – as the name “amateur” implies – for no profit or gain.

In recent years, especially since September 11<sup>th</sup> 2001, federal, state, and local officials have become increasingly aware of Amateur Radio’s ability to effectively fill communications voids during emergencies. In that regard, it is clear that Amateur Radio is a benefit to our nation, and it has – to some degree - boosted the ranks of licensed operators. Particularly since 9/11, and recognizing that Amateur operators are in rather short supply, America’s public service sector has actively encouraged its employees to obtain Amateur Radio licenses for the noble purpose of facilitating emergency communications “when all else fails”. In addition, many of these agencies, namely hospitals, public health offices, law enforcement agencies, fire departments and so on, have gone so far as to equip their facilities with fixed and/or mobile amateur stations to compliment their overall communications capabilities. Now, while all this is a noble effort and indeed beneficial to the nation as a whole, there is a huge problem in the mix – that problem being Part 97 Rules and Regulations governing Ham Radio. In short, the problem is centered around those rules which prohibit the use of Amateur Radio in any or perceived professional manner – in other words – for profit or gain.

Training exercises to hone the skills of Amateur Radio operators are deemed essential in order to prepare Hams to face emergency situations, and they exist on the Amateur Bands to serve that end. However, because much of this activity being called into question is “off duty training exercises” for public service agencies by employee’s of those agencies – rightly or wrongly – Amateur Radio as a whole is being called out on it by the Federal Communications Commission. For example, in recent weeks the FCC has reportedly began to assert itself by identifying violations of Section 97.113 of the rules, and issuing “reminders” to individuals and entities of the consequences for such. At this point, the government seemed to be talking out both sides of its mouth by promoting Amateur Radio’s emergency capability on the one hand, while at the same time throwing cold water on Hams employed in the public sector on the other. Those Hams were now asking each other, “What are they [FCC] thinking?” and “Are we wasting our time?”

I started hearing about all this early this month, and by the day it snowballed into an issue that was becoming way too big. Predictably, my initial reaction to this issue was one of politics. “Was this another Obama Administration effort to take away our freedoms? God knows we are seeing enough of that.” Meanwhile, the American Radio Relay League responded to the controversy by issuing some “guidelines”, which for many only served to confuse matters even more.

Now, while it may very well be that America is on a relentless track towards the dark valley of political death, on further review of this particular situation I can’t allow my personal animosity toward this administration to stand in the way of reality. The painful truth is, while the government must accept at least partial blame in this matter, we Amateurs must accept partial responsibility as well. The question for the moment was, what to do about it.

Knowing that this issue needed to be immediately addressed, I decided to initiate an email dialogue with ARRL Dakota Division Director Jay Bellows, KØQB, to get some help. Bellows, a lawyer by profession, seemed the logical choice to clarify what was quickly becoming an increasingly confusing situation. His response included what could be described as a very good self-examination for the individual amateur radio operator to undergo before becoming involved in such activities.

“What it comes down to is this,” Bellows said, “the rules relating to prohibited transmissions by Amateurs are found in Section 97.113. In dealing with any situation in which a person who happens to be employed by the owner of Amateur Radio Equipment [and] is using the equipment, that person needs to ask himself or herself a few questions. Those questions flow directly from Section 97.113.

1. If done for the employer, are there any other radio services that could reasonably be used?
2. Is this communication for hire?
3. Am I going to be paid or receive any benefit (either directly or indirectly) from my employer for doing this?
4. Is this a communication for my employer or is my employer going to benefit from my activities?

**EDITORIAL - continues on Page 3**

## EDITORIAL – continued from Page 2

Bellows continued, "If the answer to any of the above questions is 'Yes', then the amateur has reason for concern unless the communication is taking [place] during a bona fide emergency."

Bellows accurately described the situation for the individual amateur by adding, "The devil is in the details". Therefore, the safest way to summarize his self-examination process would be to characterize it thusly: if it looks illegal, smells illegal, and sounds illegal, it probably is illegal. In other words, in the eyes of the FCC, the use of Amateur Radio – even in "training exercises" - with an agency with whom you are employed, and regardless if done "on your own time", qualifies as a rule violation. Reason being, it would be construed as being of benefit to the employer – which is a violation of Section 97.113.

The problem for everyone concerned with all this lies within a single word – **BENEFIT**.

Benefit to whom - and to what extent? The FCC would likely apply the rule to its conclusion that such activities are beneficial to the employer, and while the argument could also be made that training exercises are a "benefit" to the community in which a real or potential emergency or disaster takes place as a whole, the problem is in the way the rules are written right now and therefore, in the eyes of the FCC, that argument would most likely carry no weight.

This situation has been further exacerbated by the fact that, instead of Amateur Radio being properly promoted as the means of communication "when all else fails", many have promoted it as being something that it is not. Therefore, we must blame ourselves to some extent by not having emphasized the following fact strongly enough at educational and/or instructional sessions - that Ham Radio is not intended to be a "second line backup" means of communication. When one public service band fails, all alternative public service frequencies must be used as backups first. In other words, during an emergency, all available means of communications must either be exhausted [failed], non-existent, or otherwise unusable, before amateur radio can be used by public service employees - period. It's that simple.

Having said all that, I believe this issue needs to be addressed for the "benefit" of everyone. The ARRL must, first of all, petition the FCC to modify the rules, at least to some extent, to allow for "emergency training" exercises by "off duty" employees of public service agencies expressly to "hone their operational skills as amateurs". Somehow, these rules would have to be structured in such a way to satisfy the FCC through the clear definition of the role of amateur radio as a supportive means of communicating emergency messages "when all else fails". This will obviously require extraordinary effort in the use of the English language in order not to blur the definition of another word – **AMATEUR**.

So how does this affect our two regional emergency nets, you might ask? Again the answer is, to use Bellows words, "the devil is in the details." My short answer is, it shouldn't – just as long as agency stations are not being operated by that agency's employees and no training exercises outside the immediate scope of honing operational skills are taking place. Again, the self-examination questions put forth by Bellows is the litmus test an Amateur should follow to review each operational situation like this for his or herself.

One thing that is important to remember is that this controversy should not leave our public service employed Hams "high and dry". They may operate and enjoy the hobby like any other licensed amateur – except that as public sector employees they have to take certain operating conditions into account. The bottom line for the here and now, at least as far as the FCC is concerned is, that "when all else fails during an emergency" means exactly that – as when there are absolutely no other means of communication available during a real emergency – period. Unless and/or until the rules are modified, all Amateurs, especially those employed by public service agencies must be aware of what the rules are here and now, and they must act accordingly.

**Editors Note:** On October 20<sup>th</sup>, the Federal Communications Commission issued a *Public Notice* on Amateur Service Communication During Government Disaster Drills. According to the information posted on the American Radio Relay League website, Public Notice [DA 09-2259](#) affirms that the Commission's rules "specifically prohibit amateur stations from transmitting communications 'in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer.'"

The notice includes provisions under which a waiver can be granted to enable such drills legally. More information is available via the following links <http://www.arrl.org/news/stories/2009/10/20/11151/?nc=1> or [DA 09-2259](#).

*Responses to Newsletter Editorials are always welcome, but depending on length or content will be subject to editing. Send your response to [kd0ci@arrl.net](mailto:kd0ci@arrl.net) for publishing consideration.*

## **NEWS FROM OUR REGION & ELSEWHERE**

### **Ogilvie Ham Radio Class and VE Testing Results**

The October 20<sup>th</sup> and 21<sup>st</sup> Amateur Radio Technician Class held in Ogilvie produced three newly licensed amateurs. The callsigns will appear in next month's issue of the Newsletter. The VE Examiners were from the Elk River area.

Another Technician class in Ogilvie is being tentatively planned for next March or April.

### **Ogilvie/Duluth Skywarn Link Discussed**

The next stage for the Highway 23 Corridor Communications Project appears more and more to be headed in the direction of the proposed Skywarn Link into Duluth. This important link is one of two planned links from the Ogilvie repeater, and has been strongly lobbied for by the Duluth office of the National Weather Service for some time.

A meeting was held during the Carlton Hamfest on Sunday September 27<sup>th</sup> to discuss possibilities and logistics. While none of the proposals were finalized, a discussion to route the link from Ogilvie to Isanti was quickly dismissed in favor of a more direct route to the Tamarack link site by way of Giese. More study needs to be done in order for the link to become a reality, but everyone at the meeting seemed positive about its eventual outcome.

The Skywarn Link from Ogilvie to Duluth would fill a critical void that has existed for the Duluth NWS Office for years, that being, to accurately determine the development of severe weather moving into its coverage area from Kanabec County. Assuming there are enough Skywarn Spotters to cover, the Spotters would provide necessary information to Amateurs at the National Weather Service in Duluth, and from where warnings would be issued as necessary. Pine County Minnesota and Burnette County Wisconsin lie directly east of Kanabec County, and have in the past taken the brunt of severe storms having originated in, or traveled thru Kanabec County.

Last year marked a significant increase of Skywarn activity in Kanabec County, and has not gone unnoticed by the National Weather Service in Minneapolis as they officially designated the Ogilvie repeater as a Skywarn Repeater prior to the start of the severe storm season.

It is hoped that Skywarn activity will continue to increase in the area in order to further justify linking efforts. Skywarn Spotters are especially needed in the northern parts of Kanabec and Mille Lacs Counties. Skywarn Spotter training is highly encouraged, and publication of those training seminars are given priority each year in the Newsletter.

### **Meeting Being Planned To Review Ogilvie Repeater Skywarn Procedures**

Meanwhile along the same subject line, KDØCI is planning to call a meeting of area Skywarn Spotters and Net Control operators to review the procedures used last year, and talk about possible improvements. Also, there will be an open discussion about last years Skywarn Simplex Net, including whether to have another one in 2010 – and when. The date and location of the meeting is yet to be determined, however it is expected to happen well before the start of the 2010 Severe Weather Season.

**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**

# **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 November 7<sup>th</sup> 2009**

**Sponsor:** Dunn County Radio Amateurs

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

**Contact:** James L Guenther [715] 232-2625

**Email:** [guentherj@uwstout.edu](mailto:guentherj@uwstout.edu)

**VEC:** [ARRL/VEC](#)

**Location:** University of Wisconsin – Northwest Entrance  
UW Stout Millennium Hall, 121 10<sup>th</sup> Avenue South [at Broadway]  
Menomonie, Wisconsin 54751

### **Saturday November 7<sup>th</sup> 2009**

**Sponsor:** St Paul Radio Club

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

**Contact:** David M Buending [952] 486-0836

**Email:** [ad2b@arrl.net](mailto:ad2b@arrl.net)

**VEC:** [ARRL/VEC](#)

**Location:** Roseville Fire Station 1  
2701 Lexington Avenue North  
Roseville, Minnesota 55113

### **Saturday November 14<sup>th</sup> 2009**

**Sponsor:** Anoka County Radio Club

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

**Contact:** Paul K Shepardson [651] 340-0567

**Email:** [N0NMZ@ARRL.NET](mailto:N0NMZ@ARRL.NET)

**VEC:** [ARRL/VEC](#)

**Location:** [WWW.CI.BLAINE.MN.US/\\_DOCS/DIRECTIONS.PDF](http://WWW.CI.BLAINE.MN.US/_DOCS/DIRECTIONS.PDF)  
Blaine City Hall  
10801 Town Square Drive  
Blaine, Minnesota 55014

### **Thursday November 19<sup>th</sup> 2009**

**Sponsor:** Stillwater Area Radio Association

**Time:** 7:00 PM (Walk-ins allowed, but pre-registration preferred)

**Contact:** Sheldon E Mann [651] 439-1272

**Email:** [n0drx@arrl.net](mailto:n0drx@arrl.net)

**VEC:** [ARRL/VEC](#)

**Location:** Boutwells Landing  
13575 58<sup>th</sup> Street North  
Oak Park Heights, Minnesota 55082

## **UPCOMING HAMFESTS**

**St Cloud Minnesota – Saturday February 13<sup>th</sup> 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](http://www.w0sv.org)

# 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](mailto:n0goi@amsat.org) or visit <http://stores.ebay.com/cmradios-Magic-Electronic-Parts>

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

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

Best Data 56K V.92 PCI modem - **\$5**

Digicom DI3635 56K V.92 PCI modem - **\$5**

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**

XM satellite radio - \$10

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

**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](mailto: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](mailto:kd0ci@arrl.net)

## REGIONAL INFORMATION – Print and post in your shack

### TWO METER REPEATERS – Updated October 24<sup>th</sup> 2009

<u>LOCATION</u>	<u>FREQUENCY</u>	<u>OFFSET</u>	<u>PL TONE</u>	<u>CALL SIGN</u>	<u>NOTES</u>
Aitkin	146.805	Minus	156.7	KCØQXC	
Balsam Lake	147.195	Plus	110.9	N9XH	Skywarn
Becker	147.345	Plus	85.4	KØOS	Skywarn Hub [to KØMPX]
Big Lake	146.775	Minus	None	NØRPP	
Brainerd	145.130	Minus	None	WØUJ	
Brainerd	147.225	Plus	None	WØUJ	
Cambridge	146.640	Minus	146.2	WRØP	
Crown	145.230	Minus	127.3	NØGEF	Skywarn
Duluth	146.940	Minus	103.5	WØGKP	Skywarn
Elk River	146.970	Minus	None	KØCJD	Skywarn
Foley	147.075	Plus	85.4	KBØPXT	Skywarn, REACT
Foreston	146.745	Minus	107.2	NØGOI	
Giese	146.865	Minus	146.2	KBØQYC	
Isle	146.610	Minus	141.3	WBØSYO	
Little Falls	147.135	Plus	123.0	WØREA	
Mahtowa	147.000	Minus	103.5	NØBNG	Skywarn [Linked to Duluth]
Milaca	145.350	Minus	None	WBØMPE	
Ogilvie	147.240	Plus	146.2	KDØCI	Skywarn [Link to Duluth pending]
North Branch	147.315	Plus	91.5	KCØASX	
Princeton	146.895	Minus	203.5	NØRPP*	*Status Unknown
Rush City	145.330	Minus	146.2	KØECM	
Siren	146.625	Minus	110.9	N9PHS	
St Cloud	146.835	Minus	85.4	NØOYQ	Skywarn
St Cloud	146.940	Minus	None	WØSV	
St Cloud	147.015	Plus	100.0	WØSV	Central Region Emergency Net
Superior	146.760	Minus	110.9	K9UWS	

### REGIONAL EMERGENCY & SKYWARN FREQUENCIES

**Eastern Minnesota [Simplex]:** 146.565 MHz

**National Weather Service [Duluth KØNWS]:**

Northland Skywarn: Mahtowa 147.000 MHz, Ogilvie 147.240 MHz [Link to Duluth pending].

75 Meter Skywarn Net: 3810 KHz LSB, Alternate: 3820 KHz LSB.

**National Weather Service [Minneapolis/Chanhassen KØMPX]:**

Skywarn: Cambridge 146.640 MHz, Sauk Rapids 146.835 MHz, Foley 147.075 MHz, Elk River 146.970 MHz

**Regional [Packet]:** 145.670 MHz

### MAJOR REGIONAL AMATEUR RADIO NETS

#### **EASTERN MINNESOTA EMERGENCY SIMPLEX NET [EMESNET]**

Every Tuesday @ 7 PM – 146.565 MHz Simplex [Note: See schedule on Page 8 for individual session details]

#### **CENTRAL REGION EMERGENCY HOSPITAL NET**

First Wednesday of every month @ 1 PM – 147.015 [WØSV Repeater – PL 100.0 Hz, St Cloud]

#### **SHERBURNE COUNTY ARES NET**

Every Monday @ 7:30 PM – 146.970 [KØCJD Repeater – Elk River]

#### **UPPER MIDWEST TEN METER NET**

Every Thursday Evening @ 8 PM – 28.480 MHz USB [Net Control KBØHDA]

#### **EAST CENTRAL MINNESOTA AMATEUR RADIO CLUB NET –**

Every Monday Evening @ 8 PM – 145.330 MHz [KØECM Repeater - PL 146.2 Hz, Rush City]

#### **MINNESOTA SECTION PHONE NET**

Twice Daily: @ 12 Noon [Net Manager: WØWVO] and @ 5:30 PM - 3860 KHz LSB [Net Manager: WOØA].

#### **WISCONSIN SIDEBAND NET**

Daily @ 5:15 PM – 3985 [or 3982.5] KHz LSB [Net Manager: KB9KEG]

## EMESNET HONOR ROLL FOR JULY AUGUST AND SEPTEMBER 2009

The following is a list of stations reported by Net Controls as having participated in the Eastern Minnesota Emergency Simplex Net during the period noted above.

AB9AC	Dave	Superior	KDØBUQ	Jim	Mora
KAØAJF	Mary	Ogilvie	KDØBUS	Len	Mora
KAØEVQ	Dave	Brunswick	KDØCI	Kenny	Ogilvie
KAØEVR	Chuck	Mora	KDØDXI	Nicole	Milaca
KAØEXL	Carolyn	Mora	KDØHLL	Joe	Mora
KBØHDA	Tim	Braham	KØMJS	Mike	Santiago
KCØDDV	Darryl	Milaca	N1ARM	Phil	St Cloud
KCØEQE	Jim	Onamia	N4JHU	Greg	Princeton
KCØWEO	Rob	St Francis	NØBYH	Tim	Rogers
KCØWMC	Monte	Isle	NØGOI	Terry	Foreston
KCØYBX	Dave	Milaca	NØOK	Curt	Pease
KCØYLF	Sara	Ogilvie	W9YZI	Bill	Princeton
KCØYUE	Aaron	Milaca	WØTCS	Tim	Rush City
KDØBUO	Gene	Mora			

Net Control Stations in **BLUE**.

The following are Public Service Facilities participated in the “Fourth Tuesday” sessions of the Eastern Minnesota Emergency Simplex Net during the period noted above.

Kanabec Hospital – Mora  
Milaca Public Health Center – Milaca

Mille Lacs Hospital – Onamia  
Fairview Hospital - Princeton

## Upcoming EMESNET Schedule and Training Sessions

<u>DATE [ @ 7 PM ]</u>	<u>NET CONTROL</u>	<u>FORMAT</u>
November 3 <sup>rd</sup>	KDØBUS	Normal Net Operations & Open Forum
November 10 <sup>th</sup>	KCØYBX	Formal Traffic Training
November 17 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
November 24 <sup>th</sup>	KDØCI	Emergency Services Net Session from Kanabec Hospital
December 1 <sup>st</sup>	KDØBUS	Normal Net Operations & Open Forum
December 8 <sup>th</sup>	KCØYBX	Formal Traffic Training
December 15 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
December 22 <sup>nd</sup>	NO NET	Christmas Holiday
December 29 <sup>th</sup>	NO NET	New Years Holiday
January 5 <sup>th</sup>	KDØBUS	Normal Net Operations & Open Forum
January 12 <sup>th</sup>	KCØYBX	Formal Traffic Training
January 19 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
January 26 <sup>th</sup>	KDØCI	Emergency Services Net Session from Kanabec Hospital

## This Month In Regional Radio History

Two Years Ago – Theft of equipment reported from the Askov Packet Radio Node Site, including two Yaesu FT-7800 transceivers, a Kantronics 9612 + TNC Modem, a Simplex SEC1223 Power Supply, and a VHF/UHF Duplexer. The value of the stolen equipment was estimated to be worth approximately \$1000.

Also two years ago, a Ham Radio class was held in Mora from which eleven newly licensed amateur radio operators emerged out of the twelve that registered for the course.

# 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

## **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](http://www.anokaradio.org)

ARROWHEAD RADIO AMATEURS CLUB – [www.thearac.org](http://www.thearac.org)

BEARGREASE AMATEUR RADIO COALITION – [www.beargreasearc.com](http://www.beargreasearc.com)

BRAINERD AREA AMATEUR RADIO CLUB – [www.brainerdham.org](http://www.brainerdham.org)

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

MAGIC REPEATER GROUP – [www.magicrepeater.net](http://www.magicrepeater.net)

MORA OPEN REPEATER ASSOCIATION – [morahamradio@gmail.com](mailto:morahamradio@gmail.com)

SHERBURNE COUNTY ARES – [www.shercoares.org](http://www.shercoares.org) [Note correction from previous info]

ST CLOUD AMATEUR RADIO CLUB – [www.w0sv.org](http://www.w0sv.org)

STILLWATER AMATEUR RADIO CLUB – [www.radioham.org](http://www.radioham.org)

ST PAUL RADIO CLUB – [www.stpaulradioclub.org](http://www.stpaulradioclub.org)

### **NORTHWESTERN WISCONSIN -**

POLK COUNTY AMATEUR RADIO ASSOCIATION – [www.n9xh.org](http://www.n9xh.org) [Note correction from previous info]

UNIVERSITY OF WISCONSIN/SUPERIOR AMATEUR RADIO CLUB – [www.uwsuper.edu](http://www.uwsuper.edu)

## **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].

## **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 20<sup>th</sup> of the month** [submittals subject to editing]. Primary Email Address: [kd0ci@arri.net](mailto:kd0ci@arri.net) [proxy server for [kdzeroci@q.com](mailto:kdzeroci@q.com)] Alternate: [kd0ci@yahoo.com](mailto:kd0ci@yahoo.com)

73, Kenny Broshofske KDØCI