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# KDØCI's Radio Newsletter

Volume 4 Number 7 - [Supporting Amateur Radio in Eastern Minnesota & Northwest Wisconsin](#) - July 25, 2009

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## ARROWHEAD INCIDENT COMMAND VEHICLE SHOWCASED AT KANABEC COUNTY FAIR



*The Arrowhead Region Incident Command Vehicle on display at the Kanabec County Fair. [KDØCI photo]*

Kanabec County and surrounding area residents had an opportunity to tour the Department of Homeland Security's Arrowhead Region Incident Command Vehicle, which was on public display for the first time at the Kanabec County Fair. The three day fair opened in Mora on Thursday July 23<sup>rd</sup>. The ARICV was on display during the first two days of the fair, after which it was scheduled to participate in the Mora parade on Saturday July 25<sup>th</sup>.

Kanabec County Emergency Management Director Lowell Sedlacek, KDØFLQ, arranged for the vehicle to be put on display at the fair in order to provide an opportunity for the general public to learn about steps being taken to facilitate communications in the event of a regional emergency. He then asked for volunteers, mainly members of the Mora Open Repeater Association and employees of Kanabec County Emergency Management, to be on hand to provide the tour, and to answer questions about the vehicle. See "ARICV Showcased"....continued on Page 2

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



**KCØYLF and KDØCI at the Amateur Radio desk inside the Incident Command Vehicle. [KAØAJF photo]**

*ARICV Showcased - continued from Page 1.* Recently, the vehicle was involved in an emergency exercise at the very end of the Gunflint Trail along the Canadian border in extreme northern Minnesota, an area known to be one in which communications into or out of is extremely difficult. Yet the vehicle's equipment proved very capable of overcoming communications obstacles, performing above anyone's expectations.

The vehicle itself is a motor home that was gutted, then refurbished to serve as a mobile command post for situations ranging from search and rescue, to natural disasters such as tornados or floods, to pandemic outbreaks, to terrorist attack. It is equipped with a wide range of communications gear including Amateur Radio, and could be called upon in any emergency that happens within the Arrowhead Region of Minnesota.

A Kenwood TM-D700 VHF/UHF transceiver is a permanent part of the vehicle's communications capability, but there are provisions for HF capability as well.

The ICV Project, conceived in a cooperative effort by Pine and Kanabec Counties and the Mille Lacs Band of Ojibwe, has been three years in the making and although not completely finished, showcasing the vehicle at the fair was an opportunity to show that steps are being taken by authorities to ensure that communications will be maintained during emergencies.

**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**

## **NEWS FROM OUR REGION AND ELSEWHERE**

### **Skywarn Activity in Mille Lacs and Kanabec County Surprisingly Strong**

After several weeks of drought in Eastern Minnesota, along with several false threats of severe weather outbreaks, the weather broke with vengeance on Tuesday July 14<sup>th</sup>. Severe storms moved across the region during the late afternoon and evening, activating Kanabec and Mille Lacs County Skywarn Spotters as a group for the first time.

The Skywarn Spotter response was surprising, particularly in Kanabec County where as recently as a year ago there was no repeater, and few Skywarn Spotters. The Ogilvie Repeater Skywarn Net was activated shortly after 6 PM, and remained activated until shortly before 9 PM.

The Skywarn Net on the Ogilvie repeater drew ten spotters in Kanabec County alone. Mille Lacs County also had spotters out, one of whom liasoned with Skywarn Net Control on the Ogilvie repeater. Hail was reported in several locations, mainly in southeastern Mille Lacs and southern Kanabec Counties.

Skywarn Spotter activity is still lacking in northern portions of both counties, and was painfully evident that evening as the National Weather Service was looking for reports of possible hail and wind damage in those areas based on their radar observations.

Activation of the Skywarn Spotters Net on the Ogilvie repeater also resulted in the first ever canceling of the regularly scheduled session of the Tuesday Evening EMESNET on 146.565 MHz.

### **Dakota Division ARRL Director Appeals for Amateur Support of HR-2160**

ARRL Dakota Division Director Jay Bellows, KØQB, appealed to Radio Amateurs in the division to support a bill in the US House of Representatives which is intended to help address amateur radio antenna installation restrictions. He referenced an editorial by Dave Sumner, K1ZZ, in the July issue of QST, which provided some background regarding antenna restrictions, the help provided by PRB-1, and continuing problems – particularly those involving restrictive covenants. Trailer courts and apartment buildings are among the most likely to impose such covenants.

“Whether or not you are now affected by restrictive covenants” Bellows said in a July 1st email memo quoting Sumner, “the ARRL needs all members to get behind this legislation. More information is in ‘Happenings’ this month (page 66 [QST]) and on the Government Relations page on the ARRL Web site. If you are logged into the ‘Members Only’ section of the ARRL Web site, [www.arrl.org/members-only/](http://www.arrl.org/members-only/) shows the name and address of your member of Congress and provides a link to a sample letter of support for HR 2160. Please write your Representative (there is no bill on the Senate side yet) and ask that they sign on as a co-sponsor. If you are a constituent of the sponsor or one of the co-sponsors, please drop him or her a note of thanks for their early support.”

In our region of coverage, Michelle Bachmann [R] represents Minnesota’s Sixth Congressional District, while James Oberstar [DFL] represents Minnesota’s Eighth Congressional District. In Wisconsin, David Obey [D] represents the Seventh Congressional District.

There was no late word regarding the bill as this issue of the Newsletter went to print.

### **Changes in “The Newsletter”**

The KDØCI Radio Newsletter is a “work in progress” and over the past couple of months, you might have noticed a few subtle changes. Here are some of the changes made for now.

Starting with this issue, a “WANTED” section was added to the Flea Market ads. If you are looking for something in particular, you may list that item in the “WANTED” section. As with all our ads, the listings are published for free. We are also changing the name of the ads listings from “Flea Market” to “THE KDØCI NEWSLETTER MARKETPLACE”.

Changes already implemented include a quarterly only listing of Regional Repeaters and Nets. Monthly listings tend to be too redundant, and they often crowd out more relevant information. Changes in repeaters or nets will be individually noted in the newsletter lieu of listing changes. Regional Repeaters and Nets will typically be listed in the first month of each new quarter.

## REGIONAL INFORMATION – Print and post in your shack

### TWO METER REPEATERS – Updated July 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	
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
North Branch	147.315	Plus	91.5	KCØASX	
Princeton	146.895	Minus	203.5	NØRPP*	*Custodial Change Pending
Rush City	145.330	Minus	146.2	KØECM	
Siren	146.625	Minus	110.9	NØPHS	
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 4 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 APRIL MAY AND JUNE 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	KCØYUE	Aaron	Milaca
ACØLL	Bruce	Milaca	KDØBUO	Gene	Mora
KAØAJF	Mary	Ogilvie	KDØBUQ	Jim	Mora
KAØEVQ	Dave	Brunswick	KDØBUS	Len	Mora
KAØEVR	Chuck	Mora	KDØCI	Kenny	Ogilvie
KAØEXL	Carolyn	Mora	KDØDXI	Nicole	Milaca
KBØHDA	Tim	Braham	KDØGTU	Paul	Big Lake
KBØNMN	Kevin	Foley	KDØHLF	John	Milaca
KCØDDV	Darryl	Milaca	KØMJS	Mike	Santiago
KCØDNT	Jay	Milaca	N1ARM	Phil	St Cloud
KCØEQE	Jim	Onamia	NØYR	John	Big Lake
KCØWKP	Aaron	Isanti	WBØOFB	Jerry	Hinckley
KCØWMC	Monte	Isle	WD9AXU	Vernice	Ogilvie
KCØYBX	Dave	Milaca	WØFFX	Vern	Ogilvie
KCØYLF	Sara	Ogilvie	WØJLF	Jim	North Branch

Net Control Stations in **BLUE**.

## Upcoming EMESNET Schedule and Training Sessions

<u>DATE</u>	<u>NET CONTROL</u>	<u>FORMAT</u>
August 4 <sup>th</sup>	KDØBUS	Normal Net Operations & Open Forum
August 11 <sup>th</sup>	KCØYBX	Formal Traffic Training
August 18 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
August 25 <sup>th</sup>	KDØCI	Emergency Services Net Session from Kanabec Hospital
September 1 <sup>st</sup>	KDØBUS	Normal Net Operations & Open Forum
September 8 <sup>th</sup>	KCØYBX	Formal Traffic Training
September 15 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
September 22 <sup>nd</sup>	KDØCI	Emergency Services Net Session from Kanabec Hospital
September 29 <sup>th</sup>	KAØAJF	Normal Net Operations & Open Forum
October 6 <sup>th</sup>	KDØBUS	Normal Net Operations & Open Forum
October 13 <sup>th</sup>	KCØYBX	Formal Traffic Training
October 20 <sup>th</sup>	KCØYUE	Normal Net Operations & Open Forum
October 27 <sup>th</sup>	KDØCI	Emergency Services Net Session from Kanabec Hospital

## Like Working Rare DX!

In Amateur Radio, working DX is a passion for many. Working rare DX is even more of a passion. However, the story you are about to read makes rare DX contacts pale in comparison.

On a recent Sunday morning, Lyle Koehler, KØLR, hit a very rare two meter repeater double by making contact with two [count 'em, TWO] repeater custodians – back to back no less!

As he was driving south through the quiet countryside near Mille Lacs Lake, he established contact with Bob Mackey, WBØSYO, the custodian of the Isle repeater. Following that remarkable achievement, and upon driving further south towards Ogilvie, he actually made contact with Kenny Broshofske, KDØCI, custodian of the Ogilvie repeater!

Imagine the shock and amazement he must have experienced, making two consecutive contacts like that on the same morning! Seems that should be worth some sort of Rare Contact Award!

# **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 August 8<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](http://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

## **UPCOMING HAMFESTS**

**Rush City Radio Rendezvous – Saturday September 12th**

**Rush City High School, 51000 Fairfield Avenue, Rush City Minnesota**

**East Central Minnesota Amateur Radio Club** <http://www.ecmarc.us>

**Talk-In:** 145.330 - 600 (PL 146.2 Hz)

**Contact:** Larry Jilek, KAØMEN

51835 Belle Isle Drive, Rush City, Minnesota 55069

**Phone:** 320-358-4205

**Fax:** 320-358-4713

**Email:** [lj@ecenet.com](mailto:lj@ecenet.com)

Take a nice, pleasant, Sunday morning fall drive to Carlton Minnesota for the

**Carlton County RACES Fallfest – Sunday September 27<sup>th</sup> 2009**

**Location:** Lost Isle, [Follow Minnesota Highway 210 east six blocks from I-35 into Carlton]

**9 AM – 1 PM – Admission \$2.00 [12 and under free]**

**New and used radios, equipment and supplies.**

**Computer related items including hardware and software.**

**Radio City will also be on hand.**

**Talk-In:** Duluth 146.940 PL 103.5, Mahtowa 147.000 PL 103.5, Two Harbors 146.940 PL 114.8.

**More info at** [www.thearac.org](http://www.thearac.org)

**Email:** Teresa Dall, KAØCDO [wd0gvw@wildblue.net](mailto:wd0gvw@wildblue.net)

**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**

# 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 in an honorable way.**

## **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.

2006 ARRL OPERATORS MANUAL on CD, From KBØHDA. Contact KDØCI by email if interested.

## **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- NØOK - Curt - 612-382-8991

## **THIS MONTH IN REGIONAL RADIO HISTORY**

One Year Ago – The Mora Open Repeater Association takes the next step in resurrecting itself by electing officers. Past club president Charles Turner, KAØEVR, is nominated and elected president at the July club meeting.

Also one year ago, a meeting was held at the Milaca Public Health Center to discuss reopening the facility to area Amateurs to allow them to participate in the Tuesday Evening Net. Reopening the facility would thus fill a twofold purpose – one, to provide operators who have no equipment an "on air" training opportunity and two, to ensure the facility's radio equipment remains in operating condition and capable of simplex operations. The facility was since reopened for use on the fourth Tuesday of the month during the "Emergency Services" sessions of the Tuesday evening Eastern Minnesota Emergency Simplex Net.

The Milaca Public Health Center had been opened for such operations during the first few months of the net, but then was suddenly closed. KDØCI had lobbied since then to get the facility reopened, and finally happened in September.

## **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)

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

**EAST CENTRAL MINNESOTA AMATEUR RADIO CLUB** – [info@ecmarc.org](mailto:info@ecmarc.org)

**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.com](http://www.shercoares.com)

**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.qsl.net/kc9dmy](http://www.qsl.net/kc9dmy)

**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].

The intent of this newsletter is to provide balanced coverage as much as possible in order to keep interested parties throughout the region informed. Much 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 other interested groups in an area ranging from within this region to as far away as the Philippine Islands!

## **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. 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@arrl.net](mailto:kd0ci@arrl.net) [proxy server for [kdzeroci@q.com](mailto:kdzeroci@q.com)] Alternate: [kd0ci@yahoo.com](mailto:kd0ci@yahoo.com)

73, Kenny Broshofske KDØCI