
KDØCI's Radio Newsletter

Volume 6, Number 8 - [Supporting Amateur Radio in Eastern Minnesota & Northwest Wisconsin](#) - September 25, 2011

HAMS ASSIST AUTHORITIES IN MINNESOTA BWCAW FIRE

Firefighters desperately trying to contain a wildfire in Minnesota's Arrowhead are receiving communications assistance from Amateur Radio operators in the region. Those efforts included activation by Lake County Minnesota RACES, and did not go unnoticed by at least one television station in the region.

The fire started during drought conditions in early September around Pagami Creek, in the remote Boundary Waters Canoe Area Wilderness northeast of Ely, and had been burning during most of the month. However during the past week the fire has been slowed by cooler temperatures, rain and yes – even snow showers.

NØLCR Lake County RACES was activated by Lake County Emergency Manager BJ Kohlstedt, KDØHHW, early on Tuesday September 13, 2011, according to a report filed with the Newsletter during this past week by Doug Nelson, AAØAW, a member of the RACES team. The team was quickly assembled and a schedule set up for the manning of sites at the Lake County Emergency Operations Center [EOC] in Silver Bay, a Net Control site at the Court House in Two Harbors, the Community Center in Finland Minnesota for the possible Red Cross Evacuation site, the Isabella Community Center Incident Command Post [ICP-2] for staging of law enforcement and equipment, the Trestle Inn on County Highway 7 about 10 miles East of Finland, and ICP-1 at Kawishiwi Ranger Station East of Ely.

Mutual aid was requested by Lake County for assistance from neighboring St. Louis and Cook Counties in Minnesota, and also from Douglas County Wisconsin.

Other members of the Lake County RACES Amateur Radio team assisting in the communications effort included KCØMKS, NØMR, KEØZN, KCØUKC, WØNWO, KCØZZL, KCØRTX, KCØNFB, KCØWCV, KDØCVO, KDØDHB, NØWSI, and ACØLF. They handled traffic for the disbursement of law enforcement and volunteer fire personnel for the check points that restricted access to the fire area, and also for crews at their check points.

Once cell phone and 800 Megahertz ARMER communications were established, the role of Lake County RACES was lessened. On the evening of Friday September 16, the RACES team stood down, but remained in standby mode in case an evacuation might occur where they would be needed to assist Lake County and the Red Cross.

Meanwhile, Duluth television station WDIO Channel 10 reported that firefighters from 28 states were involved in the effort to contain the fire which, according to the latest information, has consumed over 140 square miles of BWCA wilderness. The station also reported on the efforts by Ham Radio operators in the region who were assisting with coordination and communications between the authorities and firefighters, and originating welfare messages for firefighters and residents in the BWCAW area to their family members elsewhere. **Story continues on Page 2.**

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

HAMS ASSISTING AUTHORITIES IN MINNESOTA WILDFIRE – continued from Page 1

WDIO-TV's report went on to show that in spite of today's world of computers, email, cell phones, and so on, Amateur Radio was proving once again to be one vital method of communications that can be relied on when all else fails. Jim Anderson, NØJWA, an Amateur radio operator who was coordinating radio communications from his home, said bad cell phone reception in the BWCAW makes them unreliable. In addition, many local Ham radio operators have had training for situations just like this.

As the Channel 10 news crew sat with Anderson in his Ham Shack, Amateurs in the field were calling in to report that the National Guard helicopters had started dumping water onto the fire - and that heavy snowfall was taking place. Anderson helped to coordinate where Ham operators should report to, and was monitoring calls with other volunteers dispatched to Silver Bay, Isabella, Ely and Finland to help authorities communicate.

WDIO-TV's report helped to illustrate the sacrifices being made by Hams and how far they were willing to go to help. Anderson said that helping with communications was the least he can do for those who are volunteering their time to help out. "That's one of their goals, to be able to contribute to the community any way they can. They've gone up there and they're sacrificing their time and they're doing a great job."

To see the video report on this story, follow this link to <http://www.wdio.com/article/stories/S2284453.shtml?cat=0>

Editors Note: *Our sincere thanks to Jon Ellis at WDIO-TV for permission to include material gathered by the station in this article. Hubbard Broadcasting stations have a history of being supportive of Amateur radio. Our appreciation goes to them for their efforts. Thanks also to Doug Nelson AAØAW and Jeff Nast KCØMKS for providing details regarding the role of Lake County RACES. Finally, thanks to Ralph Bierbaum, NØAWN, who informed me about the WDIO-TV video via email message in the first place.*

UPDATE ON CONTROVERSIAL CONGRESSIONAL BILL HR-607

According to reports on several Amateur Radio Internet websites, the controversy surrounding the Amateur Radio 70 Centimeter Band in Congressional House Bill HR-607 has supposedly been resolved. However, no indication has yet been found by the Newsletter on the government's own websites to verify that action has been taken on the bill since February 28th, when the bill was moved into the House Subcommittee on Communications and Technology.

Mike Lisenco, N2YBB, had reported that a group of Amateur Radio operators from the New York/Long Island area met on May 19th with the bill's sponsor, Representative Peter King [R-NY] to discuss the provision, and to seek removal of the 70 Centimeter inclusion. Mr. King apparently assured the group that it "was never his intention" to remove the 70 Centimeter Band from the Amateur Radio Service, and that he would seek to modify the bill so that the band would be removed from the provision in the bill. However, the status of the bill on the Library of Congress Thomas Registry website as recently as this past Tuesday September 20th shows no action having been taken to modify the provision.

You'll recall that HR-607 created a firestorm of protest from amateurs when it was learned that the 70 Centimeter UHF Band was in danger of being taken from the Amateur Radio Service, based on a provision in the bill for the band to be auctioned off as part of a plan to reorganize portions of the radio frequency spectrum for Broadband use by First Responders and other emergency services. At the urging of the American Radio Relay League, a massive letter writing campaign ensued to encourage the nations 670,000 licensed amateurs to demand modification of the bill to exclude the 70 Centimeter Band from the provision.

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Contact Andrea Blosberg, KCØIJP, @ ffembroidery@wwt.net or call 651-208-3999.

NEWS FROM OUR REGION & ELSEWHERE

A TALE OF TWO SEPTEMBER HAMFESTS FIRST CAME RUSH CITY



Some of the early action at the annual East Central Minnesota Amateur Radio Club Radio Rendezvous held in the parking lot at the Rush City Minnesota High School on the beautiful morning of Saturday September 10th. [Photos courtesy of KAØAJF]

THEN CAME CARLTON



The Carlton County RACES Fallfest took place on a Saturday for the first time, and at a new venue in Carlton Minnesota. The Four Seasons Sports Center was filling up quickly by 9 AM on the morning of September 24th [left], with the usual wheeling and dealing following [right]. [Photos courtesy of KAØAJF].

**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!**

NEWS FROM OUR REGION & ELSEWHERE - continued

M.O.R.A. ELECTS NEW PRESIDENT, SECRETARY

The Mora Open Repeater Association of Mora Minnesota has elected Carolyn Turner, KAØEVR, to succeed Joe Heggernes, KDØHLL, as President of the amateur radio club. She becomes the third president of the association since it reorganized and reactivated three years ago. Turner had served as Secretary for the past year.

Meanwhile, Mary Broshofske, KAØAJF, was nominated and elected to replace Turner as Secretary.

David Engberg, KAØEVQ, was elected to continue as the Vice-President and Eugene Sheggrud, KDØBUO, will continue as the association's Treasurer. Both are entering their fourth year in their respective posts.

Jim Slaikeu, KDØBUQ, will continue to serve in the appointed position of Public Service Officer.

AMATEUR RADIO CLASSES SCHEDULED

Maple Grove Minnesota - A General License Class is being offered in Maple Grove starting Thursday October 6th. Classes will be held each Thursday from 7 to 9 PM at Maple Grove Fire Hall #2, located at 13450 Maple Knoll Way, and is open to anyone who registers at the first night of class.

The class will continue until the week prior to Thanksgiving when a Testing Session will be conducted. The test fee is \$15. The ARRL General Class License Manual will be the material used during the class. Students may purchase the manual from the ARRL, Radio City, or other book stores. Please make sure that the issue of the manual is current.

There will be a \$10 USD, payable on the first evening to cover expenses such as for coffee, room, etc.

For more information, contact Tim Arimond, NØBYH, at [952] 593-9641, or refer to the class postings at www.arrl.org

Elk River Minnesota - Sherburne County ARES is taking registrations for a planned Technician License Class this fall at the Great River Energy Center in Elk River. The class is scheduled to be held Saturday November 5th.

To register for this class, contact Mike Steckelberg, KØMJS, at k0mjs@arrl.net.

Ogilvie Minnesota - Meanwhile, another mid-winter Technician License class is being planned in Ogilvie for mid to late January 2012. Registration and final scheduling details for this class are still being arranged.

For the latest updates on this class, please go to www.kd0ci.com

SAY WHAT!!!! THERE WAS NO KDØCI RADIO NEWSLETTER IN AUGUST????

Just in case you missed it, or perhaps didn't notice, there was no KDØCI Radio Newsletter in August. It was the first month that an issue of the free email newsletter failed to be issued since publication began in May 2006.

"There simply was no news," according to the Newsletter's editor and publisher Kenny Broshofske, KDØCI. "It's pretty hard to justify a newsletter when there is no news to report - and if there was any news, I just didn't hear about it."

The Newsletter focuses on radio related news within its expanding coverage area in Eastern Minnesota and Western Wisconsin, and occasionally on activities in the surrounding region as well as major developments impacting radio communications nationally. Emphasis is placed on Amateur Radio, however broadcast, shortwave, and other radio services are also covered. Essentially a newsletter operation with no field reporters, it relies heavily on information from others.

"We try to place our focus on the coverage area and region. The idea is to report on the 'goings on' that the average radio enthusiast would not normally hear or read about elsewhere," Broshofske said. "It's hard to do when you don't have anything to report."

NEWS FROM OUR REGION & ELSEWHERE - continued

RADIO MERIT BADGES AWARDED TO SCOUTS

Gene Sheggrud, KDØBUO, Radio Merit Badge Councilor for the Mora Minnesota Boy Scout Troop, announced that three members of the troop recently completed the Radio Merit Badge program.

Two of the scouts, Colter LeBeau, KDØLJX, and Brandon Thomsen, KDØNLL, both of whom are already licensed Technicians in the Amateur Radio Service, received their Merit Badges. The third member of the troop completing the program was Ben Oberg.

Thomsen and Oberg started their Merit Badge program in June by attending the Mora Open Repeater Association's Field Day site.

A fourth member of the troop, Devin Sodergren, KDØNLK, is still working on his Merit Badge.

BITS AND PIECES

Radio Website of the Month – By Kenny Broshofske, KDØCI

Given the impact of the wildfires in northern Minnesota's Boundary Waters Canoe Area, we decided to salute the NØLCR - Lake County RACES/ARES team and recognize their website as our choice "Website of the Month".

The site, as you might expect, has dedicated considerable coverage to Lake County RACES efforts in assisting fire fighters and authorities working in the BWCA. However, the site includes more information about the group.

Check them out at <http://www.n0lcr.org>

KDØCI Radio Newsletter Extends Its Coverage Area in Minnesota

Since the KDØCI Radio Newsletter has covered several events in the Arrowhead counties of Northeastern Minnesota, the Newsletter officially recognizes the region as now being included in its coverage area. This includes all of St Louis, Lake, and Cook Counties. Itasca County Minnesota has also been added, raising the total number of counties covered by the Newsletter in Minnesota and Wisconsin to 26.

This Month in Regional Radio History

2007 – Hams in eastern Minnesota respond as severe weather hammers portions of the region. The Kanabec County community of Ogilvie was particularly hard hit as trees in the area were downed by estimated 70 mile per hour winds.

2008 – The Newsletter reports on support for Amateur Radio in the region, and concludes its series of articles about Formal Written Traffic.

2009 – KDØCI expresses frustration because the special "Fourth Tuesday" sessions of EMESNET are not realizing the desired results. The experimental emergency services session of EMESNET on the fourth Tuesday of the month would eventually end in failure and would revert back to the same format as all other Tuesday evenings.

2010 – The Newsletter reports on the Oil Spill Drill held in Two Harbors Minnesota. Also, with the severe weather season coming to an end, troubleshooting of "desensing" issues on the Ogilvie repeater begin.

NOTE: Archived issues of the KDØCI Radio Newsletter can be found on the St Cloud Amateur Radio Club website. Just go to <http://www.w0sv.org/>, click on Monthly Newsletters in the **Quick Links** column and select an issue from the "Highway 23 Corridor" column. Our sincerest thanks to Phil Jorgensen, N1ARM and the St Cloud Amateur Radio Club for their continued support in this endeavor.

MYSTERY QUESTION: KDØCI has been monitoring W1AW Code Practices, aiming toward an eventual return to the CW bands. He's even put up a 40 meter antenna! How long do YOU think it will be until he appears on 40 meter CW?

UPCOMING EVENTS

2011 Regional Activity Calendar:

With the Carlton County RACES Fallfest held yesterday in Carlton Minnesota, Amateur Radio activities in our region are winding down for 2011. However many of these same activities have already been scheduled for next year. Among them are Hamfests in St Cloud, Buffalo, Brainerd, Rush City, Minneapolis, St Paul, and Carlton in Minnesota, and in Superior and Eau Claire Wisconsin. See them conveniently listed in future issues of the KDØCI Radio Newsletter.

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

NEW ITEM: Yaesu FT-530 Dual Band Handheld, all it needs is a Lithium CR1220 Battery for memory storage. Has been tested, has good output power. Asking \$130.

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

Yaesu FL-2100B HF amp 80-10 meters – excellent condition - \$400

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

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

Heathkit HW-8 QRP CW XCVR 80-15 meters - reconditioned - \$75 OBO

WANTED - Rohn TB3 - 2" thrust bearing, 3 – 10' Rohn 45G tower sections, accessory (rotor) plate for 45G (AS455G) and bearing shelf for 45G (BPL45G).

Contact: Curt Hewitt - NØOK - 612-382-8991 or curt@n0ok.com Located 5 miles S.E. of Milaca.

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

Trying to Find Humor in Broadcasting – By Kenny Broshofske, KDØCI

If you're a radio geek like me and you pay any attention at all to the call signs of broadcast stations, you have to be at least somewhat amused by the details regarding the recent changes at the Clear Channel owned radio stations in the Minneapolis-St Paul broadcast market. I'm still not sure if I want to go there, but it's a tale that I just can't resist!!!

Two stations formally known as KFAN-AM and KTLK-FM, [sorry Prince] were recently involved in a format swap, and thus their reasons for call sign changes - sports moved from AM to FM, and conservative talk moved from FM to AM. Sounds simple enough, eh? Well, here's where it starts to get complicated – especially for those “geniuses” at Clear Channel. The most amusing part of this story is – **THIS WHOLE THING IS ALL CLEAR CHANNELS FAULT!** Every station involved in this call sign mayhem is, or was, owned by Clear Channel Communications! The problem for the “geniuses” at Clear Channel was that what should have been a simple call sign swap between KFAN-AM and KTLK-FM was not legally possible per the FCC rules because two other Clear Channel stations - KTLK-AM in Los Angeles California and KFAN-FM in Johnson City Texas, already existed.

Come to think about it, I've never understood the method behind Clear Channel's station call sign madness really. For example, when I discovered somewhere that the heritage WWVA call sign - long known to belong to West Virginia's biggest AM station - had also been assigned to an FM station in Canton Georgia of all places [a suburb of Atlanta], I knew somebody at Clear Channel had at least one if not several shingles missing from their roof!

Anyway, let's move on, shall we?

With a bit of “hocus pocus” on the part of Clear Channel, a call sign swap took place with an AM station they own in Rochester Minnesota. The result - what was KFAN-AM in Minneapolis is now KTCN-AM, and what was KTCN-AM in Rochester is now KFAN-AM.

You absolutely **MUST** be a speed listener to understand the KTCN station ID at the top of the hour though or you'll never understand it. Are they ashamed of it? So what's so shameful about a radio station's legal ID anyways? Just thought I'd ask. To try and listen to the person identifying that station at the top of the hour is sort of like listening to one of those disgusting legal disclaimers in certain commercials! In other words, try listening to a 33-1/3 RPM vinyl record at 78 RPM's! That's how people in those disclaimers sound. I can't stand to listen to them! I'd venture to say more people don't understand them than those that do, so how can they be legal if they can't be understood???

Ooops! Legal Disclaimers are off topic! Get back on track, Kenny!

Meanwhile, what was KTLK-FM is now [supposedly] KFXN, although if you are paying attention only to the promoted hype on that station, you'd swear it was KFAN. However, keep in mind there can't legally be two KFAN's on the FM band. The key here is – the legal one is still in Johnson City Texas, at least it was the last time I checked!

So where did KFXN come from? Would you believe it had been assigned to a third Clear Channel station operating in Minneapolis at 690 AM [the former Country-Western KTCR during better times]. KFXN had existed as a supplemental sports station to the former KFAN before it was literally donated by Clear Channel to a minority group that has since converted the 690 AM station to Hmong programming.

Now I know I'm going to catch hell from some so-called marketing expert who will try to explain to me what marketing is all about. However I'm a purist, and I'm for stations identifying themselves with their legal call sign once an hour per FCC rules. Not only that, they should do it CLEARLY, and at normal reading speed [we Hams have to do it every ten minutes]. Speaking of marketing, when was the last time you actually saw any program on St Paul television station **KSTP-TV** other than news during 5 Eyewitness News? How many people do you know who would actually come to you and say something like, “Oh, I watched ‘Charlie's Angels’ on 5 Eyewitness News!” Now does that scheme make ANY sense to you?? I've been tempted to ask **KSTP-TV** about that crazy marketing spin of theirs several times, but....

Ooops, off topic again!

By the way, I hate those CBC stations in Canada that dropped using their call signs a few years ago. What was so terribly wrong, for example, with the CBC station in Winnipeg identifying itself as, "CBW in Winnipeg" once an hour anyways! It must be those marketing folks again. I'm still waiting to hear from one of my Canadian friends about that.

Seems some broadcast stations will do anything to ruin a DXer's day!

VE TESTING & ACTIVITIES – Courtesy of ARRL & Other Sources **EVENTS SHOWN ARE THOSE IN OR NEAR EASTERN MINNESOTA AND NORTHWESTERN WISCONSIN**

UPCOMING VE TESTING SESSIONS

Saturday October 1st

Sponsor: St Paul Radio Club **Time:** 9:00 AM (Walk-ins allowed)

Contact: Leon H. Dill [651] 688-9964 **Email:** lhfill@comcast.net **VEC:** [ARRL/VEC](#)

Location: Roseville City Hall Aspen Room, 2660 Civic Center Drive, St Paul, Minnesota 55113-1815

Saturday October 8th

Sponsor: Anoka County Radio Club **Time:** 9:00 AM (Walk-ins allowed)

Contact: Paul K. Shepherdson [651] 340-0567 **Email:** 3shep@comcast.net **VEC:** [ARRL/VEC](#)

Location: 10801 Town Square Drive, Blaine, Minnesota 55014

Sunday October 9th

Sponsor: St Croix Valley Radio Amateurs **Time:** 3:00 PM (Walk-ins allowed)

Contact: John J. Kruk [715] 410-2626 **Email:** n9upc@yahoo.com **VEC:** [ARRL/VEC](#)

Location: Baldwin Ambulance Service, 630 US Highway 12, Baldwin, Wisconsin 54002-3268

Saturday November 5th

Sponsor: Dunn County Area Amateurs **Time:** 9:00 AM (Walk-ins allowed)

Contact: James L. Guenther [715] 232-2625 **Email:** ka9zaj@gmail.com **VEC:** [ARRL/VEC](#)

Location: University of Wisconsin – Stout, Millennium Hall, 121 10th Avenue, Menomonie, Wisconsin 54751

PARTING SHOT



Solving the world's problems is one of those hidden benefits of a Hamfest, and who better to solve them than these two as KDØCI and AB9AC discuss the price of tea in China. BELIEVE IT..... NOT! [Photo by KAØAJF]

REGIONAL AMATEUR RADIO CLUB & ORGANIZATION WEBSITES OR CONTACT INFO

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 – www.ecmarc.org
ISANTI COUNTY SKYWARN – www.isantiskywarn.org
LAKE COUNTY RACES/ARES – www.n0lcr.org
LAKE SUPERIOR AMATEUR COALITION – www.lisacrepeaters.org
MAGIC REPEATER GROUP – www.magicrepeater.net
MINNESOTA ARES - <http://www.minnesotaares.org/>
MORA OPEN REPEATER ASSOCIATION – www.kd0ci.com/4.html
SHERBURNE COUNTY ARES – www.shercoares.org
ST CLOUD AMATEUR RADIO CLUB – www.w0sv.org
STILLWATER AMATEUR RADIO ASSOCIATION – www.radioham.org
ST PAUL RADIO CLUB – www.stpaulradioclub.org
TWIN CITY FM CLUB – www.tcfmc.org

NORTHWESTERN WISCONSIN -

POLK COUNTY AMATEUR RADIO ASSOCIATION – www.n9xh.org
NORWESCO [BURNETTE, SAWYER & WASHBURN COUNTIES] WISCONSIN - <http://fp1.centurytel.net/norwesco/>
ST CROIX VALLEY RADIO AMATEURS – www.pressenter.com/~scvra
UNIVERSITY OF WISCONSIN/SUPERIOR AMATEUR RADIO CLUB – www.uwsuper.edu
WISCONSIN ARES/RACES - <http://www.wi-aresraces.org/>

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: Aitkin, Anoka, Benton, Carlton, Chisago, Cook, Crow Wing, Hennepin, Isanti, Itasca, Kanabec, Lake, Mille Lacs, Morrison, Pine, Ramsey, Sherburne, St Louis, Stearns, Washington, and Wright.

In Wisconsin: Burnette, Douglas, Dunn, Polk, and St Croix.

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@hotmail.com] Alternate: kdzeroci@kd0ci.com

73, Kenny Broshofske KDØCI