

# *Air Scoop monthly*

Newsletter of the Delta County Amateur Radio Society

December 2006

**Air Scoop monthly** – is the official newsletter For "The Delta County Amateur Radio Society Club Inc", serving members and families and Anyone interested in amateur radio or electronics.

**The Delta County Amateur Radio Society**, will meet on the third Monday of each month. Our meeting starts promptly at 7 P.M., at Bay-De- Noc Community College, Room #963, located at the Joseph Heirman University Center.

You can park in the South Lot off Danforth Road. Just watch for antennas on vehicles.

**Annual Membership dues have been reduced to \$15 per year. Due are due December 2006**

**Can be paid to Rich N8OYR before Christmas Party – “get-together December 18<sup>th</sup> 2006 at the Great Northern Buffet next to Taco Bell. We will all meet in the Back Room reserved for our club members and guests....(Be sure and bring family and friends).....Interested in Ham Radio? Be sure and attend.**

**Associate Memberships are available to those living outside Delta County for \$10 per year.**

Dues are January 1<sup>st</sup> – December 31<sup>st</sup> - annually....Pro-rates during the year are not accepted unless you also pay in advance for the next years dues. You may also contribute to different on-going projects, the 147,150 repeater maintenance fund, or tower fund. (We are looking to increase the height of the 147.150 repeater.

**PLEASE SEND ALL MAIL, YEARLY DUES**

**TO:**

INCLOSE - \$15.00, make check or money order to:  
DCARS  
RICHARD THOMPSON - TREASURER  
9560 CHAISON N. ROAD,  
GLADSTONE, MI 49837.

INDIVIDUAL EMAIL CAN BE SENT TO OUR CLUB OFFICERS OR MEMBERS. Email information can be found at our website – [www.dcars.org](http://www.dcars.org).

Note: All past newsletter can be downloaded from our web-site, please browse and anything that you can suggest to improve the web-site, please send an email to Joe Thompson, the email address is at [www.dcars.org](http://www.dcars.org).

DCARS.ORG now has over 1000 hits.

Any address, call, or email changes can be sent to the newsletter editor to update the database for our club. If you have “Ham related items for Sale” please send 1 week prior to Newsletter publication.

All pictures, articles, information you would like to see in at our website, please send to Joe Thompson, our club Webmaster at [w8jrt@arrl.net](mailto:w8jrt@arrl.net)

## **LOCAL REPEATERS**

147.150 + FM – tone 107.2 Temp off Air  
147.240 + 107.2 On the Air (Gladstone)  
145.130 – No Tone (Escanaba)  
147.240 I.R.L.P. (Coming Soon)  
APRS DIGI 144.390  
146.700 – Cooks Repeater

## **2006 DCARS – OFFICERS**

President - Dave Palmgren – N8DP  
V. President - Tony Marietta – KC8NUR  
Treasurer - Rich Thompson – N8OYR  
Secretary - Joe Thompson – W8JRT  
Newsletter Editor - Les Elder – WA8LE  
Club Librarian - Tony Marietta - KC8NUR  
Remember our club officers are here to

Help you, please give them a call.

## MONTHLY MEETING MINUTES – JOE THOMPSON – W8JRT - SECRETARY

DCARS November Meeting Minutes  
November 20, 2006

Attendees: N8VBA, Marshall, N8DP, Dave, N8OYR, Rich, K8WLT, Walt, W8JRT, Joe, KC8NUR, Tony, WD8RTH, John, KD8DKB, Mike, KD8DKC, Ken, KD8DVN, Mark, AB9IF, Jim, WA8LE, Les, KD8DVL, Kenny, KD8DKA, Mike, N8XAH, Mark, KB9BQX, Rob, K8GMW, Don, KA8RPB, Lowell.

Meeting Opened by N8DP, Dave.

Treasures report by N8OYR, Rich. Rich also reported that the Insurance policy came due and renewal was paid. Motion to accept by WD8RTH, Second by KC8NUR.

### Old Business.

Christmas Dinner to be held at the Great Northern Buffet Restaurant on **December 20th**. Dinner starts at 6PM with meeting to commence at 7PM. Motion to accept by KC8NUR, seconded by N8OYR.

Tony passed around a list asking that if you have any club equipment that you add it. We need to have an accurate list of who has what where.

The HamFest will be the 1st Saturday in August, (**4<sup>TH</sup>**) W8JRT needs to update the HamFest web page.

Dave is well under way with his IRLP repeater link. He hopes to have it fully operational on Saturday the 27th of December or before. He also plans to put the 147.24 repeater on the air during the end of this month. This means the 147.15 repeater will be off the air temporarily until it can be put on line in another location. For more information on IRLP you can visit [www.irlp.net](http://www.irlp.net)

### New Business

Forms for Michigan Ham Radio License plates were available at the meeting.

[Next club sponsored radio exams will be held on January 7th, 2007. Added new VE's to our List of available members to authorize exams.](#)

Available VE's, Dave N8DP, Howard W8ASJ, Duane K8AO, Lowell KA8RPB, Joe W8JRT, Tony KC8NUR, Marshall N8VBA, Les WA8LE

The club is planning ham radio classes in Feb/March time frame.

We need a coordinator for ARES.

WA8LE reported very good 20-meter SSB band conditions. He talked to Cape Town, South Africa. (8500 Miles from Riverland) sig's 5-8 t-5-7. (11-18-06) UTC 20:30 Hours.

A contingent of club members traveled to Menominee and attended their club meeting; much to their surprise we had 7 of our club members attend. [The MM club is great at getting youth involved in amateur radio. A room is set up with ham gear in a local school for young persons to learn and take part in making contacts across the world during after school hours and on weekends. Local Elmer's are constantly helping the youth get started. They also have a fantastic HAT \(Ham Assistance Team\) Team that does large project work.](#)

8th Annual Sky warn recognition day on Saturday December 2nd. The NOAA stations will be on the air. Try and contact them if you hear them.

Visit [www.USRepeaters.com](http://www.USRepeaters.com), lots of good information. Also available IRLP sites throughout USA by individual States. Check it out. Any questions or changes for repeaters are urged to send info to the webmaster of this site.

Club logos. JB Stitches in Escanaba has what you want. There are a couple of choices you can choose from, stop by and see what they

have and mention you're a member of DCARS.

**3rd weekend in May – 2007** the Boy Scouts have a 100-year anniversary. There will be an event at the Fair Grounds. We are hoping to have our new Building completed by this date. All members will be asked to help out in its construction. This will be A great place to show case amateur radio to a lot of youth.

Motion to adjourn by N8OYR, seconded by KD8DKC.

Lowell, the feed line expert, led a very good discussion on feed lines after the meeting. It was very interesting. Signed w8jrt - Joe

### **Monday Night – Project Night – Every Week**

Project night Up and running at Bay College, all are urged to attend and start a project to work on. On Monday night, December 4<sup>th</sup>, several hams met and discussed Antenna building and Les will order square tube aluminum for making 4 element beams. Plans will be used from Joe Thompson's 4 element beam that he constructed. Aluminum will be ordered the week of December 3<sup>rd</sup> and hope it arrives before next Mondays Project night. Anyone interested in making a beam are urged to attend Project Nights at the Lab, at Bay.....

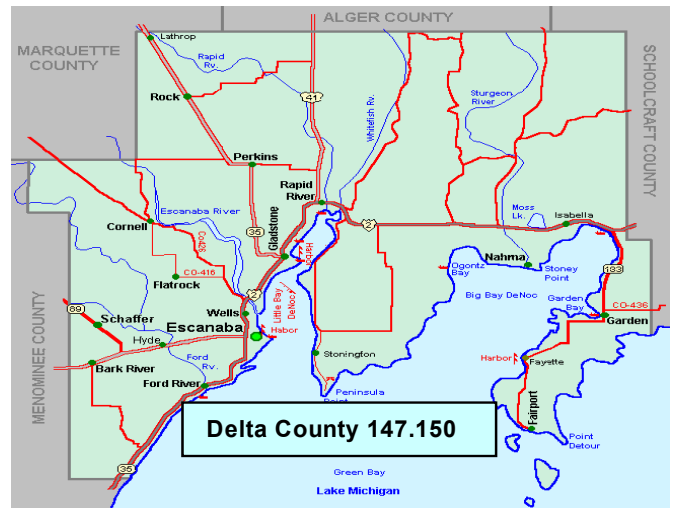
**Election of new Officers – December for 2007.**  
If you interested in Running for office, bring your tennis shoes along.

### **All - Emailed Newsletters**

"Emailed" - approximately 7 days prior to our monthly meetings held on the 3<sup>rd</sup> Monday of each month unless our President calls a special meeting. Please come and join us.

All members and non-members are welcome to Submit written articles, pictures, materials, clip-art for publication into our newsletter. Copy-write materials cannot be printed without the permission from the appropriate legal authority.

Support – Ham Radio by Subscribing to:  
World Radio, [www.wr6wr.com](http://www.wr6wr.com)  
QST – ARRL, [www.arrl.org](http://www.arrl.org)



### **DCARS – CLUB HISTORY**

Our Organization, once called – “Bay-De-Noc Radio Club” was formed for the purpose of having an Upper Peninsula Wide, HamFest in 1964. This first HamFest for Escanaba became a reality in 1965.

On September 1<sup>st</sup> 1970, Local “Ham” members met at -The Northern Michigan National Bank and decided to affiliate with the ARRL, received its Charter on February 15, 1971.

At this time, the name, DCARS or “Delta County Amateur Radio Society” was chosen.

### **Bay College - Classes**

Classes for beginners are held yearly at Bay College, along with testing for hams that wish to upgrade licensing to a greater level.

**Volunteer Examiner's** hold testing (4-times) per year at Bay De-Noc Community College. If you are interested or know of someone that is interested in electronics and the many, many, facets of amateur radio, you and your friends are welcome to join in the festivities.

### **SPECIAL EMAIL FROM: W8FWG - GEORGE**

Here are the changes that will be Sent to us on December 15. I'll see to it that the booklets are upgraded. In the meantime, if you are interested, you can look up these new rules. Merry Christmas and a Happy New Year!

73,

George R. Thurner, W8FWG

## ==>AMATEUR RADIO EXAM QUESTION POOLS ALTERED TO AGREE WITH NEW RULES

With numerous new FCC Part 97 rules soon going into effect, the National Conference of Volunteer Examiner Coordinators' (NCVEC) Question Pool Committee (QPC) has dropped two dozen questions from the three Amateur Radio examination question pools. The deletions will bring ham radio license exams offered **starting December 15** into line with rule changes spelled out in the recent FCC "omnibus" Report and Order (R&O) in WT Docket 04-140.

ARRL VEC Manager Maria Somma, AB1FM, says ARRL VEC-sponsored examination sessions will go forward without interruption.

"ARRL VEC will not be replacing any of our exam booklets affected by the WT 04-140 rule changes," Somma said. "We will, instead, be using stickers to substitute alternate questions. The stickers will contain valid questions to place in the exam booklets to cover up the deleted questions." The stickers will go out by December 15 to ARRL VEC volunteer examiner teams that have been formally field stocked.

The QPC cut just one question from the Technician question pool, 13 from the General pool and 10 from the Amateur Extra pool. Changes in rules governing frequency privileges and external RF power amplifier standards accounted for the lion's share of the questions cut from the General and Amateur Extra pools.

The table below includes all questions eliminated from the current question pools as a result of changes dictated by the "omnibus" R&O. In a letter earlier this month to all ARRL VEC teams, Somma pointed out that even after the deletions, "sufficient questions will remain in the applicable pools to meet the mandated '10-times' rule, so no new questions are being added to existing pools." The "10-times" rule requires question pools to include

10 times the number of questions on a given examination for that license class.

### DELETED TECHNICIAN (ELEMENT 2) QUESTIONS

T2A02 Change to §97.113, Incidental music transmissions from manned spacecraft.

### DELETED GENERAL (ELEMENT 3) QUESTIONS

G1A02 Change to §97.301(d), General class frequency privileges

G1A03 Change to §97.301(d), General class frequency privileges

G1A06 Change to §97.301(d), General class frequency privileges

G1A10 Change to §97.301(d), General class frequency privileges

G1B05 Change to §97.113(e), Incidental music transmissions from manned spacecraft

G1C01 Change to §97.313(c), Observing 200 W limit in Novice segments

G1D01 No mention of need to be a VE\*

G1F02 Change to §97.315(b)(1), External RF power amplifier standards

G1F03 Change to §97.317(a)(3), Power amplifier gain/drive requirements

G1F04 Change to §97.317(b), External RF power amplifier standards

G1F10 Change to §97.317(b), External RF power amplifier standards

G1F11 Change to §97.317(b)(2), Power amplifier gain/drive requirements

G2F02 Change in Amateur Extra class phone band on 75 meters

### DELETED AMATEUR EXTRA (ELEMENT 4) QUESTIONS

E1A01 Change to §97.301(b), Extra class frequency privileges

E1A02 Change to §97.301(b), Extra class frequency privileges

E1E05 Change to §97.207(d), Space station communications

E1E08 Change to §97.207(g)(1), Space station communications

- E1F04 Removed to maintain consistency with VEC regulations\*
- E1F20 Change to §97.519(b), 10-day rule removed
- E1F26 Change to §97.505, Permanent code credit even if CSCE expired
- E1F27 Change to §97.505, Permanent code credit even if CSCE expired
- E1F28 Change to §97.505, Permanent code credit even if CSCE expired
- E1G02 Change to §97.317(a), Standards for RF power amplifiers

Somma says that while questions G1D01 and E1F04 remain largely correct, they're being removed at this time because they do not meet current standards for the degree of completeness or accuracy the QPC desires of exam questions.

**EDITOR – REPORT**, no pics have been received for pictures of those Big Bucks taken during deer Season. We are under the assumption that very few or not many bucks were taken by members of dcars. Along with myself, not many deer were seen during the firearm hunting season. Oh well, maybe next year hunting might be better?

[RECENT ARTICLE IN THE MARQUETTE MINING JOURNAL – HAM RELATED](#)

## The Mining Journal

[Alger hams help in emergency test](#)

By JOHN PEPIN, Journal Munising Bureau

MUNISING — Amateur radio operators in Alger County were among those across the country recently conducting simulated emergency tests.

“The exercise provided us with the opportunity and experience to demonstrate our ability to communicate via VHF simplex (without the use of repeaters) to other neighboring counties and through Michigan via high-frequency radios powered only by battery, demonstrating our ability to communicate long-range when all other means of communication have failed,” said Raoul Revord, spokesman for the county’s active ham radio

operators.

Operators said the test completed in October went well, however, not without some difficulties. The simulated emergency test provided a baseline of initial performance, detecting areas where improvements are needed.

Revord said ham radio operators demonstrated their importance in the wake of the devastation of hurricanes Katrina and Rita. Operators of ham radios provided emergency communications when other systems had failed during recovery efforts.

“Amateur radio is the ‘last mile’ in communications, when all other methods of communication fail,” Revord said.

Many radio amateurs are active as communications volunteers with local public safety organizations. In a disaster, amateur radio operators set up and operate organized communication networks locally for governmental and emergency officials, as well as non-commercial communication for private citizens affected by the emergency.

Amateur radio operators are most likely to be active after disasters that damage regular lines of communications due to power outages and destruction of telephone lines.

In addition, in some disasters, radio frequencies are not coordinated among relief officials and radio operators step in to coordinate communication when radio towers and other elements in the communications infrastructure are damaged.

During the recent Alger County test, operators used radios and worked with local agencies to establish radio communications networks, which could be used if there was a failure or overload of normal services.

“In addition, the ham radio operators provide the ability to communicate between the many government and volunteer agencies which are needed in disasters,” Revord said.

“Amateur Radio volunteer operators provide their services and equipment freely to their communities,” Revord said. “They are ‘amateurs’ only in that they are not paid, but their service in a disaster can be priceless.”

Operators often lend their services to a range of

events including the Upper Peninsula Sled Dog Challenge, which is held each February in Marquette and Alger counties. Operators give radio reports on the location of musher's passing various points along the race course.

Many national organizations — including the U.S. Department of Homeland Security, the Federal Emergency Management Agency, American Red Cross, Salvation Army, and the National Weather Service — have formal agreements with the Amateur Radio Emergency Service and other amateur radio groups.

### **CORRECTION FROM THE FCC – NEW RULES**

FROM: [WWW.ARRL.ORG](http://WWW.ARRL.ORG).

### **FCC Corrects J2D Error in "Omnibus" Report and Order**

NEWINGTON, CT, Nov 28, 2006 -- The FCC today released an [Erratum](#) that corrects one error in the recent *Report and Order (R&O)* in WT Docket 04-140 -- the so-called "omnibus" Amateur Radio proceeding -- that inadvertently limited J2D emissions to an occupied bandwidth of 500 Hz. J2D emissions are data sent by modulating an SSB transmitter. Had it been left to stand, the error would have rendered illegal below 30 MHz PACTOR III at full capability as well as Olivia and MT63 when operated at bandwidths greater than 500 Hz bandwidth, 1200 baud packet, Q15X25 and Clover 2000.

The FCC *Erratum* revises §97.3(c)(2) of the Amateur Service rules going into effect December 15 to read:

*Data. Telemetry, telecommand and computer communications emissions having (i) designators with A, C, D, F, G, H, J or R as the first symbol, 1 as the second symbol, and D as the third symbol; (ii) emission J2D; and (iii) emissions A1C, F1C, F2C, J2C, and J3C having an occupied bandwidth of 500 Hz or less when transmitted on an amateur service frequency below 30 MHz. Only a digital code of a type specifically authorized in this part may be transmitted.*

In its comments on the proceeding, the ARRL argued that a 500-Hz bandwidth limitation in the definition of data emissions would have unintended consequences because the limitation would also apply to Amateur Radio bands where a higher bandwidth is allowed. In its *R&O*, the FCC said relaxing the bandwidth limitation "would *de facto* eliminate the separation of narrow bandwidth and wide bandwidth emissions," which it called an "reasonable means to minimize interference on shared frequencies and bands."

The Commission said in the running text of the *R&O* that it would address the League's concern by revising the Part 97 rules "to clarify that the 500 Hz limitation applies only to the emission types we are adding to the definition of data when transmitted on Amateur Service frequencies below 30 MHz."

Unfortunately, the language of the intended revision that appeared in the original version of the *R&O* inadvertently included J2D emissions among those to which the 500-Hz bandwidth limitation would apply.

The FCC incorporated some unrelated editorial revisions in the version of the *R&O* that appeared November 15 in the [Federal Register](#). The "omnibus" rule changes -- including those accounted for in the *Federal Register* and the *Erratum* -- take effect Friday, December 15, at 12:01 AM EST (0501 UTC).

**ARRL Outgoing QSL Service revises rates** (Dec 4, 2006) -- [The ARRL Outgoing QSL Service](#) has announced a new and simplified rate structure, effective January 1, 2007. The new basic rate will be \$5 per half-pound (8 ounces -- or approximately 75 cards) or any portion of a half-pound. That's a change from the current rate of \$4 per half-pound or any portion. One pound will cost \$10, and packages will be assessed \$5 for each additional half-pound (or portion thereof). For example, a package containing 1.5 pounds of cards will cost \$15, while a package containing 1.75 pounds of cards will cost \$20. For smaller packages, the fee is only \$1.50 for 10 or fewer cards, \$2.50 for 11 to 20 cards and \$3.75 for 21 to 30 cards. The new rate structure will help to cover basic handling costs for smaller packages while actually

## January 2007

**Jan 1-Jan 31, 0000Z-2359Z**, Shawsville, VA. Straight Key Century Club, K1Y. First Anniversary of SKCC. 21.120 14.048 7.055 3.550. Certificate. Kevin der Kinderen, 3967D Oldtown Rd, Shawsville, VA 24162. QSLs awarded for contact. Certificate awarded for contact with 10 US districts. Operators will be nationwide. [skccgroup.com](http://skccgroup.com)

**Jan 5-Jan 7, 1600Z-1600Z**, Blairstown, NJ. Eastern PA QRP Club, N2P. Polar Bear Camp-Run-a-MOC. 14.260 14.060 10.116 7.260 7.040 3.910 3.506. QSL. Camp-Run-a-MOC, WA3WSJ, 775 Moonflower Ave, Reading, PA 19606-3447. [www.wa3wsj.com/files/polarbear2006.html](http://www.wa3wsj.com/files/polarbear2006.html)

**Jan 6-Jan 7, 1200Z-2359Z**, Bethpage, NY. Ham Radio University Committee, W2V. Ham Radio University 2007 - 8th annual day of education. 21.273 14.273 7.273. QSL. Phil Lewis, N2MUN, 22 Belle Terre W, Lindenhurst, NY 11757. [www.HamRadioUniversity.org](http://www.HamRadioUniversity.org)

**Jan 11-Jan 17, 0100Z-2359Z**, St Croix, USVI. Family Radio Club, KU9UUU. 513<sup>th</sup> Anniversary of the Discovery of the US Virgin Islands. day 14.332 14.260 eve 7.235 7.046 - all 3905 Century Club Nets SSB & CW. QSL. J.M. Zacher, 39W345 Central Dr, Elgin, IL 60124.

**Jan 13, 1300Z-1900Z**, Phoenix, AZ. Thunderbird Amateur Radio Club, W7W. 10th Anniversary of WestFest Hamfest. 21.370 14.270 7.270. QSL. TBARC WestFest, 16772 W Bell Rd, Ste 110 - #421, Surprise, AZ 85735. [www.w7tbc.org](http://www.w7tbc.org)

**Jan 13-Jan 14, 1500Z-1800Z**, Marcell, MN. Northern Lakes Amateur Radio Club, K0GPZ. White Oak Sled Dog Classic. 14.225 14.070 7.165 7.070. QSL. NLARC, PO Box 525, Grand Rapids, MN 55744. [northernlakesarc.tripod.com/nlarc.html](http://northernlakesarc.tripod.com/nlarc.html) [www.whiteoakclassic.org](http://www.whiteoakclassic.org)

**Jan 13-Jan 15, 1500Z-2100Z**, Atlantic City, NJ. Southern Counties Amateur Radio Association, K2BR. Absecon Lighthouse (ARLHS # USA-001)150<sup>th</sup> Birthday. 21.260 18.160 14.260 7.260. QSL. SCARA, PO Box 121, Linwood, NJ 08221. CW contacts on request. [mysite.verizon.net/vzepb0m](http://mysite.verizon.net/vzepb0m)

**Jan 14-Jan 15, 1400Z-0000Z**, Wall Township, NJ. Ocean Monmouth Amateur Radio Club, N2MO. From the Amateur Radio/MARS station at the historic Diana Site, to commemorate "Project Diana," the first ever successful moon bounce experiment. Gen and Nov/Tech subbands 80, 40, 20, 15 and 10 m. Certificate. OMARC Inc, PO Box 267, Oakhurst, NJ 07755. \*For QSL send SASE. Certificate also available, send 9X12 SASE and \$1USD; \$2USD and no SASE. [www.omarc.org](http://www.omarc.org)

**Jan 15-Jan 24, 0700Z-2359Z**, Denver, CO. Castle Rock Repeater Group, K1D. Elementary School Demonstration. 14.265 7.265. QSL. Johnny Lee, 21530 E Stoll Pl, Denver, CO 80249. [www.crrg.org](http://www.crrg.org)

**Jan 20, 1300Z-2300Z**, Spring Hill, FL. Spring Hill Amateur Radio Club, W4B. 27 Annual Brooksville Raid -- Largest Florida Civil War Reenactment. 14.260 18.130. Certificate. SHARC-BR, PO Box 6083, Spring Hill, FL 34611. [www.kf4ixu.org](http://www.kf4ixu.org)

. The Whole Ham Family Radio Club, c/o Cartlidge, 4288 Bell Avenue, Sarasota, FL 34231. [www.geocities.com/KI4RDM/SpecialEvents.html](http://www.geocities.com/KI4RDM/SpecialEvents.html)

offering a price break to moderate-volume users submitting up to one-half pound of cards. The new rates are in response to the recent postal rate increase and price restructuring. [The ARRL Outgoing QSL Service](#) is available to ARRL members. The last rate revision went into effect in March 2001. [Link to this story](#)  
[Special event stations going on the air – during December 2006 – January 2007...](#)

**Dec 16-Dec 23, 1400Z-2300Z**, Wheeling, WV. Northern Panhandle Amateur Radio Club, W8ZQ. Winter Festival of Lights from Oglebay Park. SSB general portions of 80 40 20 m. QSL. Joe McCready, WB8CTC, PO Box 192, Blaine, OH 43909. Times are daily.

**Dec 16-Dec 25, 1400Z-0000Z**, Belen, NM. Valencia County Amateur Radio Association, KC5OUR. Celebrating the Christmas season from Bethlehem NM. 28.270 21.270 14.270 7.270. QSL. VCARA, PO Box 268, Peralta, NM 87042. [www.qsl.net/kc5our](http://www.qsl.net/kc5our)

**Dec 24-Jan 8, 0501Z-0500Z**, Atkinson, NH. Atkinson Amateur Radio, K1D. Kid's Day and Amateur Radio Awareness. 21.273 14.273 7.257. QSL. Peter Schipelliti, W1DAD, 7 Dearborn Ridge Rd, Atkinson, NH 03811.

**Dec 29-Dec 30, 2000Z-2000Z**, Brant Rock, MA. The American Radio Relay League, W100BO/W1F. 100 Years of Wireless by Voice. AM, SSB, FM Echolink/IRLP. QSL. Special Event Station W1F, PO Box 121, Plainview, NY 11803. Other stations are invited to join in; contact [hello@arrl.org](mailto:hello@arrl.org) [w1f.k2cx.us](http://w1f.k2cx.us)

**Dec 29-Dec 30, 2000Z-2000Z**, Fort Wayne, IN. Amateur Radio Military Appreciation Day, KC9HAJ. "Hello" 100 Years of Voice Over Radio. 21.240 14.260 7.260. QSL. Emery McClendon, KB9IBW, 6116 Graymoor Ln, Fort Wayne, IN 46835. [www.armad.net](http://www.armad.net)

**Dec 29-Dec 30, 2000Z-2000Z**, Machrihanish, Sc. The American Radio Relay League, GB1FVT. The 100th anniversary of Fessenden's Christmas Eve Broadcast. AM, SSB, FM Echolink/IRLP. QSL. Duncan McArthur, GM3TNT, Avalon, Peninver Campbeltown, Argyll, Sc PA28 6QP. Other stations are invited to join in; contact [hello@arrl.org](mailto:hello@arrl.org) [groups.msn.com/fessenden](http://groups.msn.com/fessenden)

**Dec 29-Dec 30, 2000Z-2000Z**, Newington, CT. The American Radio Relay League, W1AW. Hello Centennial Event, representing the future of radio. AM, SSB, FM Echolink/IRLP. QSL. W1AW/hello, 225 Main St, Newington, CT 06111. Other stations are invited to join in; contact [hello@arrl.org](mailto:hello@arrl.org) [www.hello-radio.org/event](http://www.hello-radio.org/event)

**Dec 29-Dec 30, 2000Z-2000Z**, St Louis, MO. AOR and WinDRM Digital Voice Community, K0PFX. "Hello" Celebrating 100 Years of Voice over Radio Worldwide. 14.236 7.296 7.225. QSL. Mel Whitten, PO Box 698, Bridgeton, MO 63044. [www.melwhitten.com](http://www.melwhitten.com)

**Dec 29-Jan 5, 1600Z-2359Z**, Ottumwa, IA. Ottumwa Amateur Radio Club, KØB. Opening and dedication of new Bridgeview Convention Center. 21.360 14.260 7.260 3.860. QSL. Dale Stoy, KIØHV, 1335 N Van Buren Ave, Ottumwa, IA 52501. [wa0dx@yahoo.com](mailto:wa0dx@yahoo.com)

**Jan 27-Jan 28, 2000Z-2000Z**, Jefferson City, MO. Mid-MO Amateur Radio Club, W9C. 90th anniversary of the first transcontinental relay of formal message traffic by Willis Corwin, 9ABD. CW 14.035 10.113 7.035 3.535. Certificate. Kent W. Trimble, K9ZTV, 2210 Heartland Rdg, Jefferson City, MO 65109. [www.mmccs.com/mmarc](http://www.mmccs.com/mmarc)

**Jan 27-Jan 29, 1400Z-0200Z**, Wilsona Gardens, CA. BioRem Radio Amateur Club (Edwards AFB), AL7LS. 40th anniversary of the movie "Hot Rods to Hell," released January 27, 1967. 14.315 7.273 pkt 14.105 7.105. QSL. Bruce Rossi, 2127 Sierra Stone Ln, Las Vegas, NV 89119.

**Jan 31-Feb 3, 1800Z-0000Z, Menominee, MI. Marinette & Menominee Amateur Radio Club, K8D.** 1<sup>st</sup> anniversary of D.A.R. Boys/Girls Club ham radio station. 21.330 14.270 7.260. Certificate. James Pearson, KS8O, W5380 County Rd 342, Wallace, MI 49883. *Times listed are daily.* [w8pif.com](http://w8pif.com)

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Hello Les,

Jim Pearson (KS8O) from Menominee gave me your email address. Sorry I missed your visit to Menominee on Thursday. (November Meeting)

I had sent the below email to Dave (N8DP) a while ago but never heard back. I am the ARES/RACES District Emergency Coordinator for the Upper Peninsula and we have been trying to get the counties that do not have a group in place to do so. Every time I speak to Menominee or Dickinson Counties, it always comes up that we really need to get Delta County up and running. Especially on the Skywarn side of things.

Jim Pearson said he spoke to you briefly and our Section Manager, Dale Williams, has been in contact with someone in Delta County in the past.

Do you think there would be an interest, and possibly someone that would like to spear head the group as Emergency Coordinator? I know for a fact there would be A LOT of help from Menominee and Dickinson Counties and also myself.

The website for Michigan is: <http://www.mi-arpssc.org>.

Please let me know what you think. Have a great weekend.

Jason Lauzer / W9JTL  
District 8 DEC / DRO  
ARES / RACES  
MICHIGAN SECTION  
715-330-9160  
[jlauzer@gmail.com](mailto:jlauzer@gmail.com)

## [TESTING SESSIONS – 2006, 2007 .....](#)

[12/10 Marquette:](#) 8:30am eastern time, (arrive by 8:00am) Marquette County Health Dept. Bldg, U.S. 41 just east of the Michigan State Police Post. Contact Rich Schwenke, N8GBA at 906 249-3837 or e-mail: [n8gba@chartermi.net](mailto:n8gba@chartermi.net)

[\\*Apr 14th 2007 Houghton:](#) 8:30am eastern time, Room G04 (In the basement) of Wadsworth Residence Hall at M-T-U (Michigan Technological University) Parking available (free) across Hwy U.S. 41 from this building, contact George Thurner W8FWG at 906 337-2542 or e-mail [W8fwg@arrl.net](mailto:W8fwg@arrl.net)

[01/13/2007 Escanaba:](#) 9:00am arrival time with testing beginning at 9:30am, at Bay De Noc Community College. Contact Les, WA8LE at 906 789-1543 or [wa8le@uplogon.com](mailto:wa8le@uplogon.com) for info. Walk-ins Welcome.

Please arrive one-half hour early for test sessions to give time to process applications. Testing applicants should bring the following items with them: Two pieces of I.D. one being a photo I.D., Original license and one clear copy of their license if applicable, Completed form 605 (one will be provided if you don't have one), pencils, calculator and the test fee of \$14.00. Please have the correct fee as examiners do not carry change. [\\*V.E. TEST SESSION CHANGES:](#)

The following (tentative) changes go into effect in 2007 for the **CCRAA/HARC Testing Team in Houghton County. We're planning on giving exams only twice annually.....The second Saturday of [April and September 2007](#), is the new schedule. We also will accommodate schools or other Organizations that need to give a test after their class on ham radio ends. Those sessions will be by appointment only, but will be open to everyone. In the rare case where we get an individual application we will also accommodate them if they pre-register. We will be retaining all of our present examiners. Thanks to all, who have helped over the year,s. George., W8FWG**

I want to sell my HF rig, it is in very good condition. Kenwood TS430S with Power supply. Not using it much anymore. If you know of anyone that might be interested I would appreciate it if you would have them contact me at [rbaker10694@sbcglobal.net](mailto:rbaker10694@sbcglobal.net) (906-466-5586) Bill N8AFZ.

**D.C.A.R.S.  
DELTA COUNTY AMATEUR RADIO  
C/o Richard Thompson - Treasurer  
9560 Chaison – N. Road  
Gladstone, Mi.  
49837**

Stamp

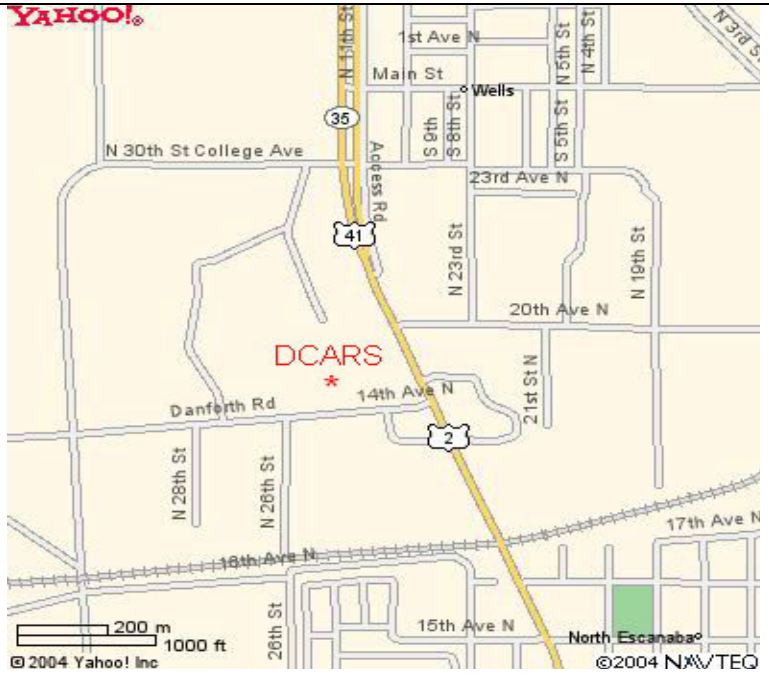
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**The Delta County Amateur Radio Society,** will meet on the third Monday of each month. Our meeting starts promptly at 7 P.M., at Bay-De-Noc Community College, Room #963. Located in the glassed in area at the Joseph Heirman University Center. You can park in the South Lot off Danforth Road. Just watch for antennas on vehicles.

**Annual Membership dues have been reduced to \$15 per year.**

**Associate Memberships are available to those living outside Delta County for \$10 per year.**

Dues are January 1<sup>st</sup> – December 31<sup>st</sup> annually....Pro-rates during the year are not accepted unless you also pay in advance for the next years dues. You may also contribute to different on-going projects, the 147,150 repeater maintenance fund, or tower fund. (We are looking to increase the height of the 147.150 repeater.



**From US – 2 & 41 Turn West on to Danforth Road, Travel one block and Turn Right into Lot D**