

# Air Scoop monthly

Newsletter of the Delta County Amateur Radio Society

January 2007

**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 anytime.**

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

**REPEATER NOTE: 147.15 REPEATER IS PRESENTLY DOWN. A NEW LOCATION IS NEEDED.**

**NOTE: THE N8DP 127.240 REPEATER IS BACK, UP AND RUNNING AT ITS LOCATION IN GLADSTONE MICHIGAN..FEEL FREE TO USE THIS AT ANYTIME.**

**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 1200 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  
147.360 + Trenary Repeater

## 2007 DCARS – OFFICERS - NEW

President - Dave Palmgren – N8DP  
V. President -Tony Marietta – KC8NUR  
Treasurer - Rich Thompson – N8OYR  
Secretary - Joe Thompson – W8JRT  
Newsletter Editor - Les Elder – WA8LE  
Newsletter Editor – John Anderson wd8rth  
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**  
December 20, 2006

Attendance: Marshal, K8VBA, Walt, K8WLT, Dave, N8DP, Joe, W8JRT, Rich, N8OYR, Don, K8GMW, Mike, KD8DKA, Tom, WD8IXW, Tony, KC8NUR, Mike, KD8DKB, Ken, KD8DKC, John, WD8RTH, Lowell, KA8RPB, Denise, KA8WOF, Howard, N8HBK, Les, WA8LE, Bill, W8AFZ, Duane, K8A0.

Dave opened meeting.  
Introductions.

Treasurers' Report. Money in the bank, insurance paid. Motion to accept by John, second by Walt.

### Old Business:

- Hamfest location??
- Telegraph office. Lowell reported that preliminary plans are to tear down the rock shop and candle shop to build a bigger building. The telegraph office will be built in this location.
- 147.24 Repeater. Working very well, coverage is very good.
- 147.15 Repeater. Currently in a box. Tony thinking about putting it in service.

### New Business:

- Bill Becks looking for a digipeater site preferably on a high location site. Needs to be at 80 feet or more above ground level. In need of more sites throughout Upper Michigan. A new site was installed at Norway, recently. Also there is a now site in Houghton, and Laurium. Progress is in the works for another location between or around Crystal Falls area for a digipeater or Trenary area. Any Ideas on this, you can notify Bill wa8wg or Les wa8le. Sights are needed for APRS – NOAA weather forwarding etc. plus tracking events.

ARES/RACES (Pete from Menomonee) any one interested in being the emergency coordinator for our area??

- Some discussion about mailed out newsletters.

### Elections for club officers took place.

President, Dave, N8DP  
Vice, Tony, KC8NUR  
Treasurer, Rich, N8OYR  
Secretary, Joe, W8JRT  
Newsletter, Les, WA8LE  
Newsletter, John WD8RTH

Motion to adjourn. Accepted.

### OTHER NEWS

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, Club Hats with call letters. Shirts, Jackets, T-shirts etc., available at:** JB Stitches in Escanaba has what you want. There are many choices you can choose from, stop by and see what they have and mention you're a member of our Ham radio club.

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.

### Monday Night – Project Night – Every Week

Will start January 8<sup>th</sup> 2007 at Bay College.

### NO MORE EMAILED - Newsletters

A member discussion of the Newsletter mail out was discussed during our December Meeting and it was the consensus that in order to have more club participation, a recommendation was made and approved to discontinue E-mailing of our newsletter.

It was further agreed on that all newsletter would be forwarded to our website to be added in PDF format for anyone to read or download at their own choosing.

Les and John will continue to do newsletters and See that they get to our website when completed.

January 2007 News will be forwarded to Joe w8jrt during the Week before our monthly meeting.

Anyone wishing any additional copies can download them from the website and print and handout to anyone interested in Ham Radio. The club will still Mail out newsletters if the additional revenue is covered by the dues paying member.

Each and every member was urged at the December meeting to contribute a news article regarding ham radio or pictures for monthly news. John Anderson agreed to help Les in adding material and news to the monthly newsletters.

Submit written articles, pictures, materials, clip-art for publication into our newsletter by sending to: [wa8le@uplogon.com](mailto:wa8le@uplogon.com) or [hambone@uplogon.com](mailto:hambone@uplogon.com)

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.

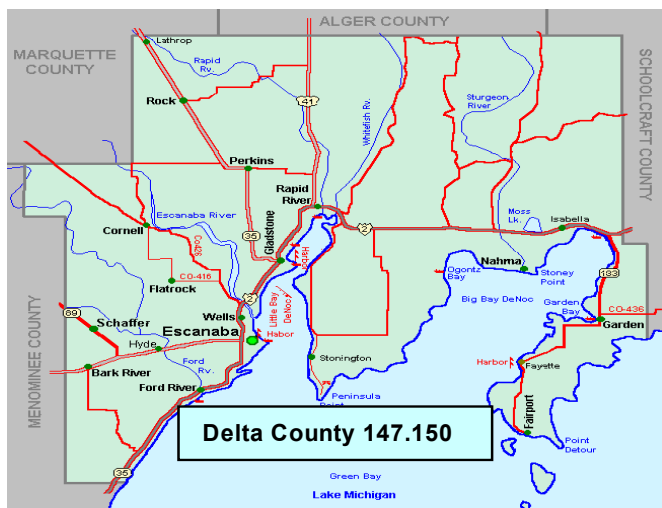
At this time, the name, DCARS or "Delta County Amateur Radio Society" was chosen.

### 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.

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



## VE TESTING SCHEDULE FOR 2007

### V.E. TESTING:

**01/18 Iron River:** 7:00pm central time, Iron River Lutheran Church (after club meeting)  
**NOTE:** Pre-registration is required, contact Dan Waters, AA9JG, at 906 265-4240 or e-mail: [dmwaters@ironriver.tv](mailto:dmwaters@ironriver.tv)

**03/10 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)

**04/14 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)

**02/03 Iron Mountain:** 9:00am central time, (arrive by 8:30am) Dickinson County Library (conference room), contact Mark J. Lewis N8UKD, 412 Fairmount St. Kingsford, Mi 49802

**01/13 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.

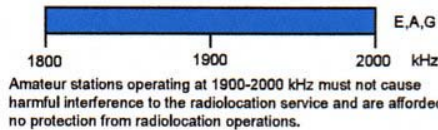
Please arrive one-half hour early for test sessions to give time to process applications. Testing applicants should bring the following items with them: Two pieces of I.D. one being a photo I.D., Original license and one clear copy of their license if applicable, Completed form 605 (one will be provided 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.

For Sale: Kenwood TS430S digital with power supply for \$300. Works fine. Manual included. If interested call me at 906-466-5586 or email me at [baker10694@sbcglobal.net](mailto:baker10694@sbcglobal.net) Bill N8AFZ (Delta County). Sold.....to k8wlt Thanks Bill for a fine Kenwood Transceiver – 73s Walt – k8wlt.

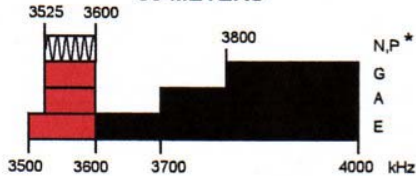
**REMINDER – FEBRUARY SWAP & SHOP AT THE NEGAUNEE TOWNSHIP HALL ON HWY M-35 BEHIND THE MICHIGAN STATE POLICE POST. ½ MILE SOUTH OF HWYS US-41, M-28. JUNCTION AT LIGHT. DATE IS: FEBRUARY 3<sup>RD</sup> 2007....TALK IN ON 147.27 TONE ACCESSABLE..... SEE YOU THERE..**

Effective Date December 15, 2006

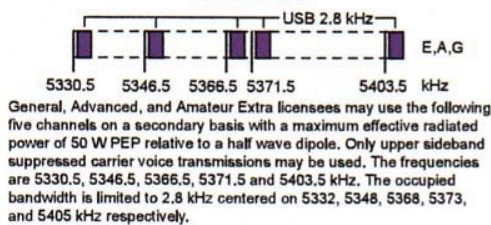
## 160 METERS



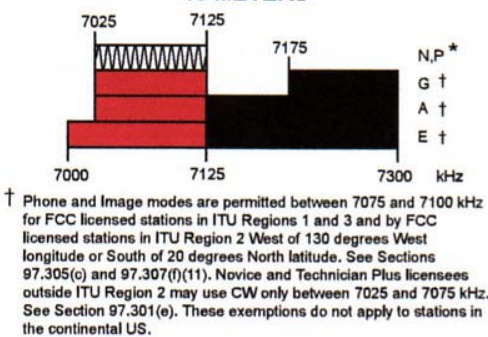
## 80 METERS



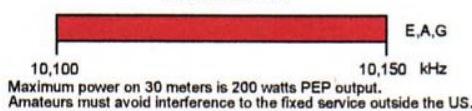
## 60 METERS



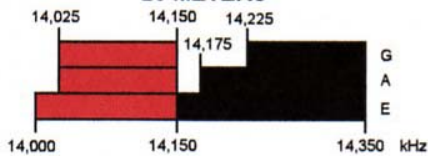
## 40 METERS



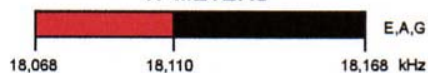
## 30 METERS



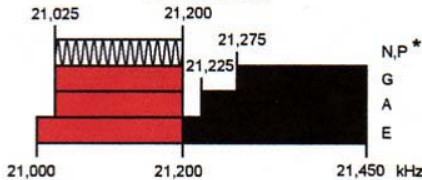
## 20 METERS



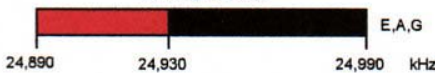
## 17 METERS



## 15 METERS



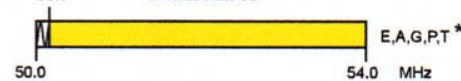
## 12 METERS



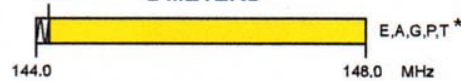
## 10 METERS



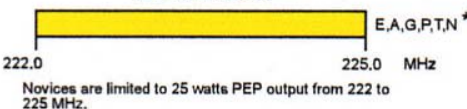
## 6 METERS



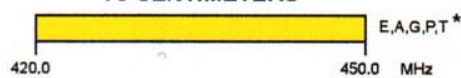
## 2 METERS



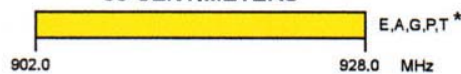
## 1.25 METERS \*\*\*



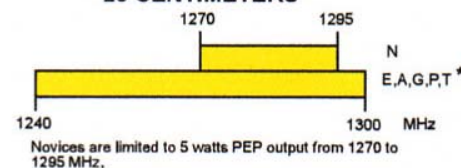
## 70 CENTIMETERS \*\*



## 33 CENTIMETERS \*\*



## 23 CENTIMETERS \*\*



### US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications.

Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W.

Power for all license classes is limited to 200 W in the 10,100-10,150 kHz band. Novices and Technicians are restricted to 200 W below 28.5 MHz.

In addition, Novices are restricted to 25 W in the 222-225 MHz band and 5 W in the 1270-1295 MHz subband.

### KEY

- = CW, RTTY and data
- = CW, RTTY, data, MCW, test, phone and image
- = CW, phone and image
- = CW and SSB phone
- = CW, RTTY, data, phone, and image
- = CW only
- = USB Phone only

- E = AMATEUR EXTRA
- A = ADVANCED
- G = GENERAL
- P = TECHNICIAN PLUS
- T = TECHNICIAN
- N = NOVICE

\*Technicians who have passed the 5 wpm Morse code exam are indicated as "P".

\*\* Geographical and power restrictions apply to all bands with frequencies above 420 MHz. See *The ARRL FCC Rule Book* for more information about your area.

\*\*\* 219-220 MHz allocated to amateurs on a secondary basis for fixed digital message forwarding systems only and can be operated by all licensees except Novices.

All licensees except Novices are authorized all modes on the following frequencies:

- 2300-2310 MHz
- 2390-2450 MHz
- 3300-3500 MHz
- 5650-5925 MHz
- 10.0-10.5 GHz
- 24.0-24.25 GHz
- 47.0-47.2 GHz
- 76.0-81.0 GHz
- 122.25-123.0 GHz
- 134-141 GHz
- 241-250 GHz
- All above 275 GHz



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