

The LANDLINE

The Newsletter of the
COPPER COUNTRY RADIO AMATEUR ASSOCIATION, INC.
P.O. BOX 217 - DOLLAR BAY, MICHIGAN 49922-0217
Visit us on the World Wide Web: www.ccraa.net

Great Lakes – Marine VHF channels;

Vessel traffic stations and ship to ship channels often provide interesting listening.

Channels 11,12,13, or 14 are used for vessel traffic control. Channel 13 is also the bridge to bridge

Channel for commercial vessels. Channels 6,8 and 10 are most common ship to ship channels.

Of course, channel 16 is still the distress and calling channel. Icebreakers on the Great Lakes

Sometimes use HF radio during the winter, when out-of-range with VHF and thus use USB.

5A	156.250	16	156.800
6	156.300	21A	157.050
7	156.350	22A	157.100
8	156.400	66A	156.325
9	156.450	68	156.425
10	156.500	69	156.475
11	156.550	70	156.525
12	156.600	71	156.575
13	156.650	73	156.675
14	156.700	21B	161.650

(January 2006 – Monitoring times page 57)(KD8ABP)

Note: see below web site for US Coast Guard information;

http://www.navcen.uscg.gov/marcomms/high_frequency/default.htm

MPW calculator;

If you're a Miles-Per-Watt enthusiast, Martin VE3SIE found this great MPW calculator: <http://www.hoffswell.com/n9ssa/mpwcalc.html>. It accounts for the curvature of the Earth and also plots the path on a Google map.

(ARRL- January 11, 2006)(KD8ABP)

Elevation Finder:

Elevation Finder: <http://www.topozone.com/findplace.asp> (US only)(KD8ABP)

Latitude, Longitude Finder:

Latitude, Longitude Finder: <http://www.geocode.com/eagle.html-ssi>(KD8ABP)

A NEW BEGINNING:

A NEW ERA IN COMMUNICATIONS FROM THIS STATION, W8FWG. WE'VE MOVED OUR BULLETIN TRANSMISSION FROM WEDNESDAY NIGHT TO FRIDAY NIGHT, AND FROM THE 146.88 REPEATER IN HANCOCK TO THE 147.315 REPEATER IN KEWEENAW IN ORDER TO ENCOMPASS A WIDER AREA OF COVERAGE. USING THE KEWEENAW REPEATER WE WILL NOW REACH MARQUETTE COUNTY AND THE HAMS WITHIN. WE WILL ALSO EXTEND COVERAGE TO A PORTION OF ONTONAGON COUNTY, AND WE WELCOME RECEPTION REPORTS FROM THESE NEW AREAS.

THIS NEW SERVICE IS SPONSORED BY THE KEWEENAW COUNTY REPEATER ASSOCIATION OVER THE 147.315 (+) REPEATER. YOU WILL NEED A PL100 TONE ON YOUR RIGS IF YOU WISH TO TRANSMIT ON THE REPEATER. WE'LL BE MEETING HERE EACH FRIDAY NIGHT AT NINE.....STARTING OUT WITH THE KEWEENAW COUNTY ARES NET, ADDING THE SKYWARN NET, AND ENDING WITH THE BULLETIN TRANSMISSION BROUGHT TO YOU FROM AMATEUR RADIO NEWSLINE OF CALIFORNIA.

YOU DON'T HAVE TO BE AN A.R.E.S. MEMBER TO JOIN IN, AND YOU DON'T HAVE TO BE A MEMBER OF THE SKYWARN NET EITHER, BUT ALL RADIO HAMS ARE INVITED TO JOIN US.

WE HOPE YOU WILL ENJOY THIS COVERAGE FOR YOUR COUNTY?

P.S. Please note: The Wednesday night ARES net sponsored by the CCRAA WILL CONTINUE each Wednesday night at 9....on the "88" repeater. (It's just that the bulletin transmission is moving to Friday night).

73,

GEORGE THURNER, W8FWG

NCS - FRIDAY NIGHT NET

E-Mail: grt@pasty.net (General)

E-Mail: w8fwg@arrl.net {Amateur Radio}

Packet Noise on 315 Repeater:

Our thanks to all the packet radio operators who helped, or offered suggestions in clearing the problem we had over the weekend with the packet radio signal appearing on the Calumet (Keweenaw) repeater. The trouble caused our 147.315 MHz repeater to pick up the signal and turn on our ID'er every 10 minutes. Since the data burst was of such short duration it took us quite a few hours (and two days!) to determine where it was coming from. As several mentioned....."It was a good lesson in "Fox Hunting".....and we are grateful that it is now cleared up. While it caused no service interruption for us, many wondered why we were hearing a packet radio signal on an FM (voice) repeater!

The trouble was cleared Sunday evening, January 8, 2006 at 9:32 pm EST.

73,

George Thurner, Trustee

KCRA Repeater 147.315/915 Repeater

SCANNER LEGISLATION UPDATE:

I am very pleased to report that the proposed changes to the "Michigan Scanner Law" have moved to the next phase in the legislative process. A draft version has been completed which now includes a specific exemption for licensed radio amateurs. Members of the Michigan House and Senate have been working to produce this final version for several weeks. The next step is a review by the Senate Judiciary Committee and if no further changes are needed, it will be sent to the Senate with a recommendation for passage. It would then go to the Governor for her signature.

This is the bill about which I testified before the House Judiciary Committee last fall and then, as recently as last week, debated again when I was informed that the amateur radio exclusion clause was going to be deleted. I advised the committee representative that we radio amateurs would oppose the bill if the clause were to be eliminated, as we already have an exemption based upon the existing federal preemption in PR docket 91-36. Based upon my communications about our concerns with the exemption being removed, Rep. Elsenheimer decided to keep the language in place.

The intent of this law revision is to eliminate a significant workload in the issuance of scanner (receiver) permits and make legal the use and transportation of scanners by the general public. As an example, under present law, persons traveling to a motor sports event where they intend to monitor racecar driver conversations were in fact in violation. My personal thanks goes to Rep. Kevin Elsenheimer and his staff for their diligence in sponsoring and strongly supporting this bill.

Source: Monthly Michigan Section News Summary
(W8FWG)

WANTED:

An ICOM IC-28H, 2M Transceiver. State condition and price asked. Contact Dennis Royce, K9GIR at (906) 289-4251 or E-Mail to garoyce@up.net

440 INSTALLATION:

Mike, K9SJ has announced that he has received the coordination for the new (soon to be installed) 70 cm repeater on Mt. Brockway in Keweenaw County. It is coordinated to be on

444.150 MHz (+). It will have a dual band antenna system, and powered by solar and wind power. Target date is Spring of 2006. (As soon as there is a access to the top of the hill)

Update on the Calumet 440 Installation: Brandon, N8PUM has informed me that he is now working on the tuning of the duplexers for the installation at Calumet (Osceola) and the target date for turning it on will be: February, 2006. Brandon sent me some pictures of the installation, too. Looks good, Brandon! It will have the call sign of W8CDZ (The Club call sign of the CCRAA.) A new UHF antenna is already installed on the Alltel Tower at Osceola, and it is fed with 7/8 Heliac. Brandon also offered to climb the 55 foot tower at the rear of the clubhouse and repair (weather permitting), the loose mounting on the dual-band (2M/70cm) that exists for packet radio.

Thank you, Brandon!(K9SJ)

OHM ON THE RANGE: (Humor):

A reward of 500 *Microfarads* is offered for information leading to the arrest of Hop-A-Long *Capacity*. This *un-rectified* criminal escaped from a western *primary cell* where he had been *clamped* in *ions* awaiting the *gauss* chamber.

He is *charged* with the *induction* of an 18 turn *coil* named *Milly Henry* who was found *choked* and robbed of valuable *joules*. He is armed with a *carbon rod* and is a *potential* killer. *Capacity* is also *charged* with driving *D.C. Motor* over the *Wheatstone Bridge* and refusing to let the *band* pass.

If encountered, he may offer *series of resistance*. The *Electromotive Force* spent the night searching for him in a *magnetic field*, where he had gone to *earth*.

They had no success and believed he had returned *ohm* via a *short circuit*. He was last seen riding a *kilocycle* with his friend *Eddy Current* who was playing a *harmonic*.

73, Larry - W5 LJM

CCRAA MEETING: Held January 3, 2006 at the Dollar Bay fire hall.

The meeting was called to order by President Lee KC8DYG at 7:10. After self-introductions a moment of silence in honor of departed member Ray Dube was observed and the hospitalization of Ron W8ILS was acknowledged.

The club had before it more than twenty-five applications for membership. It was moved, seconded and unanimously approved to accept all of them.

Motions to accept the minutes of the November meeting (the December meeting was cancelled due to bad weather) as published in the e-Landline and the treasurer's report were supported and passed. Rich KB8FCX and Paul, W9ULM

reporting respectively.

REPORTS OF STANDING COMMITTEES

RADIO OPERATIONS: (Chuck WB8FCY relayed by George W8FWG) reported there is a possibility the US Department of Homeland Security might come forth with money to replace repeater equipment. It looks like 67 needs feed line that could cost from \$3.50 to \$14 per foot and both 67 and 88 may need new amplifiers. Jack KC8NPI will keep us posted on the possibilities.

PROPERTY: (George W8FWG) The generator was given its (two) monthly checks. The dual band antenna is defective. Brandon Anderson N8PUM of Ishpeming has offered to try fixing it sometime this month or next when he is in the area installing the 440 repeater.

EDUCATION: George offered to chair the education committee. He is working with Mr. Benda at the Jeffers High School in their new science/radio course. Also, the next VE exam will be January 21, 2006 in room G04 Wadsworth Hall. The testing fee is \$14.

OLD BUSINESS

George asked if the club wanted to continue publishing the UP Ham Directory, and if it did, would it like for Lee to do the publishing. Lee feels he can do it for about the same price as we have been paying in the past. Brian will download the ARRL data and Gorge will chair the effort. It was agreed by those present to continue the effort.

NEW BUSINESS

It was moved, supported and passed to give the Dollar Bay Fire Department our normal contribution of \$50.

A nominating committee of Howard KD8ABP, Doug N8KSO and Glenn WA8QNF will conduct a search for next year's officers.

The clubhouse roof needs shoveling. Glenn and George will respond.

Suggested by Jack N8WAV: to respect the privacy of members, the CCRAA website will only list club officers.

The Wednesday night net held on the 88 repeater has been moved to Friday night and the 31.5 repeater.

The KCRA will hold its annual meeting at the Keweenaw Pines on January 11, 2006 at 7pm.

George recommended the following list of club equipment be considered "surplus" and sought recommendations from members on its disposal:

AMPLIFIER AUDIO (PA SYSTEM) BOGEN MODEL L330 30WATT
AUDIO OSCILLATOR HP MODEL 200CD
BPF (155 BAND) (2)
COMPUTER DTH DATA 1000
DUPLEXERS (4) 155 BAND
FREQUENCY METER, GERTSCH MODEL FM3
OSCILLOSCOPE, DUMONT MODEL 304A
SIGNAL GENERATOR HP MODEL 608E, TUNES 10-480 MHZ
SILENT 700 COMPUTER (ACOUSTIC COUPLED)
SCANNER (COMPUTER)
SIGNAL GENERATOR MFG: STANDARD MODEL T60FM , (130-960
MHZ)
TRANSCEIVER (2M) REGENCY MODEL HR-212 CRYSTALS (12)
TRANSCEIVER, (HF) SWAN 500/117XCPS/D-104 MIC.
TRANSCEIVER, (HF) YAESU, FT301D /FP3010 PS/MIC
TYPEWRITER, IBM
VTVM HP MODEL 400C

Nine people, including three officers, were in attendance.

Adjourned at 7:48.

The **LANDLINE** is published monthly by the **Copper Country Radio Amateur Association, Inc.** Contributions for use in the LANDLINE, relating to the amateur radio service and to the CCRAA are welcomed at any time. Please submit your contributions directly to the editor, and they should be received by the 25th of the month before the meeting. Material received later may or may not make it into that issue. The LANDLINE Editor is Howard F. Klann, KD8ABP. If you have a question or a comment I can be reached at: (906) 337-2168 or E-mail to: msgklann@pasty.net. E-Mail copies are sent by Howard, KD8ABP. Complimentary copies to other radio clubs and the USPS copies are mailed by George, W8FWG. Please refer any delivery problems to the Editor (Howard, KD8ABP) at (906) 337-2168/ Fax (906) 337-0599. To find out more about the CCRAA Inc. or the Amateur Radio Service, please contact one of the officers listed below or write to the **CCRAA, POB 217, Dollar, Bay, MI 49922-0217** or visit us on the web: www.ccraa.net **Ask for our new FREE booklet for new prospects to ham radio, for your friends who may be interested in ham radio. It's available in Adobe E-Mail format or via USPS.**

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