

THE CHERRY JUICE



Newsletter of the
Cherryland Amateur Radio Club
Traverse City, MI

ARRL AFFILIATED CLUB #1082



Hamfests / Swaps

2/11/2017

44th Annual Swap-N-Shop

8:00am - noon

Immaculate Conception Middle School
218 Vine St.

Traverse City, MI 49684

Talk-In: 146.86- (PL
114.8)

Sponsored By:

Cherryland Amateur
Radio Club

<http://>

www.cherrylandarc.com

Contact: Joe Novak

W8TVT

(231) 947-8555

jjnovakw8tv@gmail.com

VE Exams

2/11/2017 - Traverse City, MI

9:00am (ARRL VEC)

Immaculate Conception Middle School
218 Vine St.

Traverse City, MI 49684

Contact: Hope Francisco

(231) 218-0622

aa8sn@arrl.net

Walk-Ins Allowed

MEMBERSHIP DUES!

CARC Membership Dues are \$24 each year.
Now's the time to submit your dues payment
for 2017.

The CARC is a 501(c)(3) tax-exempt
nonprofit organization, so your dues may be
tax-deductible.

GENERAL MEETING: JANUARY 24TH

Tuesday - 7pm

The Salvation Army - Basement Meeting Hall
1239 Barlow St., Traverse City, MI 49686
(at the intersection of: Barlow st. & Boon st.)

Program: CARC Elections!



44th Annual
Amateur Radio

Swap-N-Shop

SATURDAY

February 11th, 2017

8am-noon

**Door
Prizes!**

Admission \$5.00
Table \$8.00

**VE
Exams
9 am**

Immaculate Conception
Elementary School
218 Vine Street
Traverse City, MI 49684

Talk-In
146.860 (-)
W8TCM / R
PL 114.8 / YSF

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Ham Of The Year 2016: Kenneth Musson W8QKP

Awarded at the 2016 Cherryland ARC Annual Christmas Dinner Party

The Cherryland ARC has a tradition of presenting a member with the “Bill Martinek W8JUY Ham Of The Year Award” each year. From the 50's to the 80's, Bill was “Mr. Ham Radio” for the CARC. Serving in nearly every office from President to Cherry Juice editor (one year he did both!), running nets, teaching licensing classes and participating at the Swap, W8JUY did it all. He was the owner of Martinek jewelers in the 200 block of Front Street and often provided the main door prize for the swap.

The award was established in 1993 when Bill became a Silent Key. The first recipient was Chuck W8SGR.

Subsequent winners were Dave N8CN in 1994, Marion W8VWY and Bev Stoner K8ZJU in 1995, Joe W8TVT in 1996, Ward N8WK in 1997, Bill W8PIT in 1998, Norm K8CLM in 1999, Hope AA8SN in 2000, Dale N8VX in 2001, John KX8CW in 2002, Jeff K9JP in 2003, Jill KC8JVQ in 2004, Norm K8CLM and Chuck

W8SGR in 2005, Jon N8UL in 2006, no award in 2007, Don N8QX in 2008, Jim K8OJP in 2009, Ernie K8RCT in 2010, Mike W8VPC in 2011, Dave N8CN posthumously in 2012, Mike KD8REH in 2013, Joe N8CN in 2014, and Glen K8SGZ in 2015.



Originally, the award was a plaque but Joe W8TVT has ramped up the award with his hand-crafted beautiful lamps using vacuum tubes.



For 2016, Ken Musson W8QKP, was chosen to be the 2016 Ham of the Year. Ken is a long time member of the CARC and has been instrumental in making Field Day a success-- Ken is the "King of 20 Meters." It is a pleasure to watch him work the pile-ups he generates on Field Day! Ken was also instrumental in helping us get a matching grant from the Les and Ann Biederman Foundation to help fund the repeater upgrades this past year.

In addition to

Congratulations Ken!

The Purple Crystal: A Column About Repeaters

Joe Erlewein, N8CN

Welcome to the third installment of The Purple Crystal! In our first installment, we discussed the new site of the W8BNZ 147.040+ (PL 114.8) repeater high atop Crystal Mountain. Our second installment introduced the return of the W8QPO 147.100+ (PL 114.8) repeater south of Traverse City and NorthWest of Cadillac. If you missed them, be sure to visit the Newsletter Archives on www.CherrylandARC.com and download the August newsletter (CARC-CJ-201608.pdf).

In this edition, I'd like to close out the 2016 year with an update on the Cherryland ARC's own W8TCM repeaters, 146.860- (PL 114.8 /YSF) and 442.500+ (PL 114.8).

At the CARC General meeting in November before the equipment auction (our program for that month), during the business portion of the meeting, the board-initiated idea of replacing the 442.500+ repeater (currently an analog only Kenwood by name but with replaced internals) with a Yaesu SystemFusion DR-1X repeater. Eventually the motion brought before the membership was voted on and passed, although with a contingency, which I'll discuss later in the article. I am happy to report, however, that the Yaesu DR-1X system was approved and will soon be replacing the current 442.500+ system. This offers the CARC (and repeater users) a few advantages we don't currently have. Here are the benefits:



- 1) Now either repeater unit can be used as a replacement for the other. Since the DR-1X is a dual-band repeater (can be used on 2m or 70cm) if the 146.86 repeater should fail, the new 442.5 DR-1X can be moved to 146.86 and the existing UHF machine can be re-deployed. Or if the 442.5 DR-1X fails the existing can just be re-deployed. (the current 442.5 system is small and easily re-placed into service. the same cannot be said for the VHF system)
- 2) Now both CARC repeaters will be capable of YSF Digital communications.
- 3) Now both CARC repeaters are new, "current technology" and can be serviced easily.

Back to the details of the voted-on and passed motion at the meeting. As with voted issues, there was a motion made, then seconded. Then discussion before voting. During the discussion, the question was raised about the current controller on the 146.86 repeater. There is a strong desire from user for a courtesy tone and other advanced features. Following discussion and a motion to modify the existing motion was passed, the new motion voted on carried a contingency that the CARC look into the 146.86 repeater with the intent to deploy a more capable controller for the Analog FM functions of the repeater.

A committee is being formed to perform discovery and recommendations to the board. If you're interested in this, please contact Joe N8CN at: joe@n8cn.org and we can get you involved in the process. The current "loose" plan is to procure Arcom ADR interfaces for each system and purchase an external controller capable of advanced features (and a beep!). A formal project scope and recommendations will be presented by the committee to the board in February.

That's it for this installment of the Purple Crystal. If you have suggestions for a future article please email me at: joe@n8cn.org.

73 de Joe N8CN

	<p>Dues this year are \$24.00. Please send your 2017 Dues to: Ward Kuhn N8WK PO Box 987 Traverse City, MI 49685</p> <p>The Cherryland Amateur Radio Club is a 501(c)(3) tax-exempt nonprofit organization</p>	
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CARC Board Meeting Agenda / Minutes - Nov 1, 2016

Joe Schnaidt, KC8RLU

Members Present: N8CN, K8RCT, W8TVT, KJ4KFJ, KC8RLU, KC8ZAP, W8SGR, WD8APT, AA8SN

1. Minutes from last month – Approved.
2. Treasurer's Report – N/A
3. Committee reports
 - a. Tower – Tree Tops will do tower with bucket truck (called twice) – Not ready yet
4. Proposed goals for 2016:
 - a. Technician Class – no students this fall, will try again in spring.
 - b. Clean up the clubroom! – Done (however we need to do something to make sure it stays clean!)
 - c. Improve the SATERN station set-up – plan a work bee.
 - d. Install new VHF antenna at Salvation Army – purchased, will install when Tree Tops comes
5. Repeater system upgrade proposals
 - a. Battery purchase and installation – Approve an up to \$300 for purchase; motioned; 2nded; Approved.
 - b. New Fusion repeater to replace 440 machine – Propose purchase of DR-1X; 2nded by W8SGR; Approved.
 - c. Upgrade 2m Fusion repeater – new firmware. Propose \$78 shipping for current repeater – **Tabled**
6. Christmas bell ringing – Saturday after Thanksgiving (Nov 26th 10a-4p)
7. Club programs: November – Show & Tell
8. Christmas Party date: December 14th
9. TBAREG reorganization
10. Net control stations for Mesh Net
11. Resurrecting TBI Contest – Approved (**More info coming**)
12. Adjourn – Motioned & 2nded.

CARC Board Meeting Agenda / Minutes - Dec 6, 2016

Joe Schnaidt, KC8RLU

Members Present: N8CN, KC8RLU, KJ4KFJ, W8TVT, W8SGR, AA8SN, N8WK, W8VPC

1. Minutes from last month – Approved.
2. Treasurers Report – Approved.
3. Committee reports
 - a. Tower – All bolts have been retightened or replaced if missing
 - b. Plan a work bee to replace feed lines for SATERN/Club station and install new antenna.
4. Proposed goals for 2016:
 - a. Technician Class – no students this fall, will try again in spring.
 - b. Clean up the clubroom! – done (however we need to do something to make sure it stays clean!)
 - c. Improve the SATERN station set-up – plan a work bee.
 - d. Install new VHF antenna at Salvation Army – Need someone to climb the tower.
5. Repeater system upgrade proposals
 - a. Battery purchase and installation—Still looking for parts & accessories
 - b. New Fusion repeater to replace 440 machine - ordered
 - c. Upgrade two meter Fusion repeater – new firmware
6. Christmas bell ringing – Saturday after Thanksgiving (Nov 26 10 AM to 4 PM) – done
7. Appoint a board member to be Club Room Manager—Motioned to Approve KC8RLU & written document for duties under this position; 2nded; Discussed; Approved.
8. Donation to Salvation Army—Motion to donate \$250; 2nded by W8SGR; Discussion (Donate \$300); Motion to authorize \$300; 2nded; Approved.
9. \$50 Gift Card to Don Parker—Motioned by KJ4KFJ; 2nded by W8SGR; Discussion; Approved.
10. Repeater Controller investigation – appoint a committee to report in January—Appoint additional member to help N8CN in options
11. Nominations for 2017 Board of Directors; Discuss N8CN as VP, N8WK as Treasurer, Talk to Christian about K8RGB & Dave P (WD8APT) as Corresponding Secretary
12. Christmas Party date: December 14th
13. Net control stations for Mesh Net
14. Discuss Swap 'n' Shop—Motion by N8WK to purchase \$200 in door prizes; 2nded by W8SGR; Discussed; Approved.
15. Adjourn—Motioned by Ward N8WK; 2nded by Chuck W8SGR.

Thanks to Dave K8WPE for submitting the following:



Via VA3KLG and
Amateur Radio Lighthouse Society (ARLHS)
The Night Before Christmas", Ham Radio-style

'Twas the night before Christmas,
when all through the town,
The snowstorm was raging, the phone lines were
down;

The wind it did howl, the tree limbs did crack,
I hope that St. Nick isn't forced to turn back.

The wife making cookies, the kids making noise,
While away in the shack, by my rig I was poised.

The finals were glowing, the mike gain was set,
I was chasing DX to see what I could get.

The bands were all empty, the frequencies clear,
Except for one lone station that sounded quite near.

He was calling CQ and my interest did pique,
When he ended transmission with the words,
"Old St. Nick".

I answered back quickly, I used great dispatch,
If this were St. Nicholas, good God, what a catch!

We exchanged information, it was really quite graphic,
Then he came back and said, "I've emergency traffic!"

His reindeer were tired, his elves in a grump,
If he didn't land soon, then his sleigh he would dump.

I thought very carefully, I thought very hard,
Then I gave him directions to my snow covered yard.

As he flew past my window, his hair like a mane,
He reined in his chargers and called them by name:

"Whoa, Anode! Whoa, Cathode! Whoa, Zener!
Whoa, Diode!

Stop, Heater! Stop, Grid leak! Stop, Bias! Stop, Triode!

You're flying too low! you're flying too fast!
Look out, you dumb reindeer, his antenna mast!"

So into the backyard, the reindeer did drop,
St. Nick, the elves, and the sleigh went kerplow!

Then at the back door, I heard this loud knocking,
"Open up in there, or I won't fill your stocking!"

As I turned off the light and was leaving the shack,
Into the house, Saint Nicholas came from the back—

His two-meter rig held to his hip with a strap,
"Hams do it in the shack" on the front of his cap.

The sack that he carried made his aged brow furrow,
And he handed me a card that read, "QSL Via
Bureau".

His clothes were all sooty, from his shoes to his vest;
I felt like a novice taking his test.

His fingers were calloused and from what I could tell,
This came from a straight key that I'll bet he used
well.

I offered him coffee, I offered him smokes,
I tried easing the tension by telling ham jokes.

Then he nodded his head and raised up his thumb,
He smiled like an Elmer, did I ever feel dumb.

He grabbed up his sack and went straight for the
tree,
And placed in it a large present for me.

When he finished his work, he stood up, took a bow,
Then out the back door to his team, he did plow.

But I heard him exclaim as he flew o'er the land,
"Beware the FCC, friend, we were both out of band!"

de VA3HOD
73 & Season's Greetings



CHERRYLAND AMATEUR RADIO CLUB - INFORMATION

Meetings:

Club Meetings:

The official CARC Club Meeting occurs on the Fourth Tuesday of each month. Anyone is welcome.

Board Meetings:

The CARC Board meets on the First Tuesday of each month. Board meetings are open all.

Project Night:

The CARC meets for a "project night" on all other Tuesday nights at 7pm. Anyone is welcome to come and use the tools, parts, resources, and "elmers" in the project room / SATERN station.

Meetings occur at the Salvation Army building on Barlow St. (at Boon st.) in Traverse City.

The project room is on the basement level.

Membership:

To become a member of the CARC:

1. Fill out a membership form.

You may fill out a form at any meeting, fill out the form online via the website, or you can email cherrylandarc@gmail.com to receive a form via email.

2. Submit dues with your form.

Dues are \$24 per year and are due January 1 each year or with your membership form submission. (pro-rated)
(Family Memberships available for \$26)

Normally, we don't have a December Cherry Juice. But technically there are 4 hours left in 2016 at time of publishing. (also I felt bad about not getting November edition out!)

Happy new year!

As always, if you have any suggestions or comments, I'm all ears!

joe@n8cn.org

73, Joe N8CN

Club Repeaters

W8TCM/R

146.86- (PL 114.8)

W8ZTB Memorial Repeater

W8TCM/R

442.50- (PL 114.8)

W8NGH Memorial Repeater

Club Officers

President

Ernest Abel, K8RCT

Vice President

Joe Erlewein, N8CN

Secretary

Joe Schnaidt, KC8RLU

Treasurer

Ward Kuhn, N8WK

Directors

Chuck Mellberg, W8SGR

Mike Cleary, W8VPC

Dave Hanchett, KJ4KFJ

Cherry Juice Editor

Club Radio Nets

MESH NET

Monday Evening Social Hour

Each Monday, 8pm

146.86- (PL 114.8)

SMASH NET

Sunday Morning Amateur Social Hour

Each Sunday, 9am

3.935 MHz

<SK>



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www.CherrylandARC.com

For information or table reservations, call:
Joe Novak W8TVT at (231) 947-8555
[\(or click here\)](#)

VE Exam Info: Contact Hope, AA8SN:
hopeaa8sn@gmail.com or 231-218-0622



Friday Night "Eyeball QSO Gathering" Social Event

6-7 p.m. at the Traverse City Elks Club #323

625 Bay Street, near the US-31/M-72 junction.

NO SALES!! This is a social event only. Great for those travelling up Friday Night, also a fun night for locals to meet and greet. Cash bar and food available.

**An ARRL-Sanctioned
Swap Event**

