



THE CHERRY JUICE

cherryland amateur radio club

traverse city, mi

April 2012

Club Officers
President
Don N8QX

Vice President
Hope AA8SN

Recording Secy
Russ K8RUS

Corresponding Secy
Dave K8WPE

Treasurer
Ward N8WK

Directors

Dave KJ4KFJ

Chuck W8SGR

Mike W8VPC

Cherry Juice Editor
Dave N8CN

CLUB NETS

MESH NET
8 pm Monday
146.86 MHZ

SMASH NET
9 am Sunday
3.935 MHZ



ARRL Affiliated Club
#1082

Coming Club Events

April 24th Club Meeting

This month's program will be a presentation on County Hunting from Hawaii. Ed Eklin has worked all 3077 US counties twice so far. Once on CW and then the second time working only operators who also had worked all counties. Now he is on a quest to **transmit** from all counties. I'm sure you will enjoy his presentation on transmitting from all 5 of the Hawaiian Islands plus a few California counties as well. We will also have an update on the progress of the repeater committee. Where: The lower level cafeteria in the Governmental Center on Boardman near the intersection of Boardman and Eighth. 7 p.m. Cookies and coffee available.

Tuesday Project Nights

Where: At the club station in the lower level of the Salvation Army Building located at the NE corner of Barlow and Boone. 7 p.m. Every Tuesday except the 4th Tuesday of the month which is reserved for the regular club meeting.

Forward Waves

VE EXAMS:

Cadillac, MI. Saturday, May 5, 2012.
Wexaukee ARC Hamfest. Cadillac Jr.
High. 500 Chestnut St. 10:30 am. Limited
Spaces. No Walk-In. Contact: Alan 231
829-3433

Muskegon, MI. Saturday, June 9, 2012.
Red Cross Building. 120 W. Webster
Avenue. 9 am. Walk-ins OK. Contact:
Robert: res00lwt1@frontier.net

HAMFESTS:

Saturday, May 5, 2012. Cadillac, MI.
Wexaukee ARC Hamfest. Cadillac Jr High
School. 500 Chesnut St. 10:30 am. 8 am
til 1 pm. TI: 146.980 Contact: Alton NU8L
231 862-3774

Saturday, June 02, 2012. Hudsonville, MI.
IRA Annual Hamfest. Hudsonville Fair
grounds. 5235 Park Avenue. 8 am til noon.
Vendors, Indoor and trunk sales, exams.
TI: 147.160 (PL 94.8) Camping available
with showers and electric. Friday night:
Road Kill Chili and potluck dinner. Contact:
Don 616 532-7769. www.w8ira.org

Reflected Waves

April 1992

The Stoners, Marion **W8VWY** and
Beverley **K8ZJU** have generously agreed
to operate the club VE exams. They will co-
ordinate the tests with other area clubs to
provide a monthly exam schedule for the
area. The April meeting was an "Old Times
Night" with Helen **W8GJX** showing slides
and relating anecdotes from the "good ole
days". Also on hand were some old QSL
cards and vintage ham gear.

April 2003

This months meeting was a presentation
of a Field Day video and early planning for
this years event. The Band captains had
sign-up sheets available and Ward **N8WK**
has secured the tent and portable toilets.
Joe **W8TWT** presented a preview of this
years Ham Bike Outing. The event will be
July 26th and will involve Leland and some
hills!! .

REPEATER UPDATE

The technology committee has been hard at work since February and they have been meeting every Tuesday night assessing our club equipment and making plans for the needed upgrade that will need to be completed this year. We had a large turnout at the March general club meeting and it was decided to pursue a 501-3C status. Ward **N8WK** has begun the process by filing some preparatory papers with the state that in essence renames the club the "Old CARC" so that when we file for tax exempt status under the name CARC, that name will not be rejected as being in use.

Dave **N8CN** and Ward **N8WK** are working on a new set of by-laws that will more properly fit the description of a 501-3C entity.

The club Motorola repeater was checked out at Radio North and is functioning just fine. Joe **N8OUZ** donated a dual tone control board and the repeater will respond to a PL of either 100 or 114.8.

Our big problems are the antennas, the feed lines and the cavities. We absolutely have to replace the feed lines on both the 86 and the 442.5 repeaters. The cavities for the 86 machine need to be replaced and the tech committee is looking for the best deal at this time. The antennas are the least expensive item and will be ordered when we decide how and when we can afford the hardline and the climb.

A more complete update will be available at the General Meeting on April 24th. We have an unusual and highly interesting program planned. Hope to see you there.

-73 de **N8CN**

A NOTE OF THANKS FROM THE PREZ

The club would like to thank Dave **KJ4KFJ**, Joe **N8OUZ** and John **KF8KK** for all their hard work getting the 86 machine back on the air. Your work is appreciated.

Here's the 86 machine with covers off.



John KF8KK tweaking the 442.5

Dave KJ4KFJ and John KF8KK



Joe N8OUZ manning the soldering iron



MUNSON OPEN HOUSE

As you may have heard, there has been a major upgrade to the operating position at Munson hospital. It is very professionally done thanks to Chris **KD8MTT** with assistance from Mike **W8VPC** and Brad **W8QPO**. We would like to invite you to come and see the new ham radio operating room at Munson and also to have a chance to operate the radio equipment. The open house will be on **Wednesday, April 25th at 7:00 PM**. Mark your calendar!

Here's how to find the radio room: 1) Go to the main entrance. 2) Stop at the cafeteria for a pop or coffee. 3) Proceed to elevator "D" for dragonfly. 4) Go to the 6th floor, get off. 5) Take the stair up to the "penthouse" which is actually on the roof.

We hope to see you there....

-73 de Ernie Abel **K8RCT**
Grand Traverse Co EC

WHEN TO DEPLOY?

I think there is some mis-information going around about how volunteer organizations (that means us) deploy during an emergency. The story going around is that volunteers can self deploy (meaning just go show-up without being mobilized) during an emergency. This is incorrect! No matter if we are an ARES group, RACES group or the Boy Scouts, we would deploy when asked by Incident Command (in our case, most likely the Emergency Manager for the county).

Why is this you ask!

Because Incident Command must know who is deployed, where they are deployed, what they are doing. If we just go and show up they don't know who we are, what we are doing and where we are located. We would be very unpopular with the Incident Commander. Can you imagine the frustration if you were the Incident Commander and you had bunches of volunteers running around your county during an emergency and you don't know who they are, or what they are doing!

In a non-emergency situation, which I would define as a situation where the EOC hasn't been activated, we can pretty much do what we want. However, once the ship hits the sand and EOC's are activated, we fall under the Incident Command system. We deploy only where activated by Incident Command.

I know we all get frustrated that we can't just grab our HTs and go charging off to the site of the emergency but there is a well defined process for deployment...and it was followed during the snow storm incident. Benzie and Grand Traverse Counties did not open their EOC, therefore self-deployment was OK. In Leelanau county the EOC was activated and therefore Incident Command was in effect meaning no-self deployment.

Remember, the important difference is if the Incident Command System is in effect or not. What Jim Palmer, Tom Schoonover, Mike Cleary and I do is contact our emergency managers to see if Incident Command is in effect and if it's in effect do they want us to deploy.

So what should we do during an emergency? This is very simple....turn on your VHF radio and monitor 146.86 or the alternate EmComm frequencies. All announcements and deployment information will be communicated on the 146.86 TBARG/Skywarn net...so listen and be ready!

There is a very good training, which we are actually required to take, on the NIMS (National Incident Command System) and ICS (Incident Command System) of the FEMA website. Here are the links!

<http://training.fema.gov/emiweb/is/is100b.asp>

<http://training.fema.gov/emiweb/is/is200b.asp>

<http://training.fema.gov/emiweb/is/is700a.asp>

I hope this clears up the confusion about how we deploy during an emergency...

-73 de Ernie **K8RCT**
Grand Traverse Co. EC

DYING HOBBY? NOT!

The first quarter of 2012 (January-March) saw a high level of Amateur Radio license exam sessions, producing an elevated influx of applications for new licensees. According to ARRL VEC Manager Maria Somma, AB1FM, these numbers outpaced the 2011 first quarter results by 30 percent. This uptick does not only apply to new applications; there was a 6 percent increase in the number of upgrades, too. "Statistics over the last 13 years reveal that these are the highest numbers that we've ever seen for the total number of US amateurs," Somma said. "Now there are more than **704,000** radio amateurs in the US."

Somma said that there are currently 704,236 licensed Amateur Radio operators in the US. "We broke the 700,000 barrier in October 2011," she explained, "and the numbers continue to progress higher. Broken down by license class, at the end of March there were 14,352 Novices, 343,597 Technicians, 161,220 Generals, 57,393 Advanced and 127,674 Amateur Extra licensees. It's an all-time high for Technician, General and Extra class licensees, as well. Additionally, our total number of licensees across all three classes has grown each year."

For the first quarter of 2012, Somma said that the ARRL VEC test session statistics are the highest first quarter results since the FCC's restructuring of the license requirements in 2007: "Our exam session activity and exam elements administered are elevated. As the total number of licensees across all three license classes continues to grow each year, the demand for Amateur Radio exam sessions also grows. In turn, the number of amateurs who want to be Volunteer Examiners and who want to teach Amateur Radio classes is also rising. The ARRL VEC has seen a spike in the number of applications from General and Extra class radio amateurs who want to give back to their community by serving as examiners and instructors. This is a positive trend that we expect will continue over the coming months."

ANALOG MAN

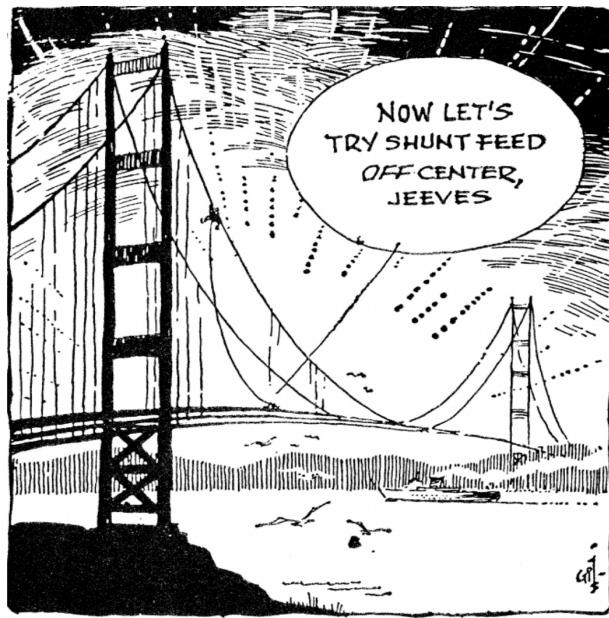
Grammy Award-winning rock-and-roll legend Joe Walsh, **WB6ACU**, returns with Analog Man, set to be released June 5. This is Walsh's first solo album since 1992's Songs for a Dying Planet. According to Walsh's website, Analog Man is both modern and timelessly soulful, packed with Walsh's wit, charm and chops; it delivers an incredibly raw and intimate sound. "It's been 20 years and I have a lot to say," Walsh explained. "These songs [on Analog Man] come from the heart."

Walsh -- best known for his powerful guitar licks -- joined the Eagles in 1976 and is credited for bringing a harder rock sound to the band with the acclaimed Hotel California, The Long Run and Eagles Live. A singer-songwriter and Rock and Roll Hall of Fame inductee, Walsh has been performing for more than four decades, not only as a solo artist, but as part of admired bands such as The James Gang and Barnstorm.

No stranger to the analog way of life, Walsh -- an ARRL Life Member -- enjoys operating on 75 meters AM. AM -- or amplitude modulation -- has been around the amateur bands since the 1930s. AM offers a warm, rich audio quality that provides for more personal interaction. The simplicity of AM circuit design encourages hands-on restoration, modification and homebrew construction to an extent no longer found among contemporary radios. Many hams who operate AM say they enjoy the simple, roomy electrical and mechanical designs of the older radios, claiming that they can more easily be modified and tinkered with than their modern counterparts. Other enthusiasts claim that these vintage radios sound better than their silicon descendants, saying that the tube audio from vintage gear is "warmer" and more aesthetically pleasing than the audio produced by the typical modern transceiver.

A self-proclaimed analog man, Walsh refers playfully to the new digital age in the album's title track. He notes that he has adapted to the digital age, but says "I am what I am -- I'm an analog man." Walsh developed the album over the last 10 years, drawing on personal experiences to breathe life into each track. "I just really feel like it's all come together and finally I feel like a complete person and a complete musician," he said. "I think there is some confidence in there that I never had. That's what I was hiding." Walsh credits his wife of four years, Marjorie, for encouraging him to be the man and artist he is today and fondly dedicates this album to her.

"I have tried to write about the world as I see it," Walsh said at a February concert, explaining the logic behind the album title. "There are two worlds now -- digital and the old world, analog. For a lot of us, we've had to make adjustment. I'm concerned that there's no time in digital. It's frozen. When you come out of a digital experience, it's three days later and you have a beard. Every kid under 12 can land the space shuttle, but nobody can read."



The 10-track album was produced by Walsh and Jeff Lynne, with Tommy Lee James co-writing some of the tracks. *Lucky That Way* -- one of Walsh's favorite songs off the album -- speaks to the extraordinary life he's lived, even through the hurdles, and features Ringo Starr (his real life brother-in-law) on drums. The song serves as a mature sequel to Walsh's famed *Life's Been Good*, a tongue-in-cheek portrait of his rock star lifestyle at the time of its release in 1978.

After expressing his thoughts about the future at the February concert, Walsh turned to his past and talked about the most common questions he gets asked, all of which are about *Life's Been Good*. According to Billboard, Walsh explained the construction of each musical segment and how they came together -- basically scraps of several unfinished songs glued together -- before going through the tune line by line, saying that essentially said every line in the song is true, except he's not the guy who wrecked the cars and he didn't have his driver's license revoked. "Actually, I lost my wallet," he said.

-tnx to *The ARRL Letter*

NEED A SCOPE?

I have an old Tektronix 545B scope with 4 channel amp that some deserving ham might want to own. It is an old tube scope, but it works. It would be great if someone wants it for their shack/shop. The price is a hand shake and a smile of thanks.

If you know someone, either email me: mwidth@charter.net or give me a call at 322-2086. Mark Width **KD8KCO**

HANDY REFERENCE GUIDE

Ernie **K8RCT** sends this quick reference guide regarding TBARECG response procedures. Print it out and keep it handy in your shack. Things can go bad in a hurry as we experienced with the March snow storm and knowing how to respond is critical. While this is certainly not a replacement for proper training, it does provide the basics for an appropriate response. (See page 5)

Traverse Bay Amateur Radio Emergency Communications Group
Quick Guide to Emergency Communications
Emergency Contact information

If you are in an emergency or disaster situation

Step 1: Make sure that you and your family and your home are safe! Do not become a victim that must be rescued, **if you are not safe; call 911** (if possible) to report your situation.

Step 2. Turn on your vhf/uhf radio and check into the 146.86 repeater. If this repeater is off the air, try 147.100 and then 145.52 simplex. The TBARG/Skywarn net should be in operations. Check in with net control, report your condition and let the net control know if you are available to assist others (see step one first). You may be asked to deploy. If you are able to deploy, see the check list on the next page.

Step 3: If there is a disaster or an emergency situation and no TBARG/Skywarn net has been activated, it is up to you to activate the net. See the next page for instructions.

Before a warning or an emergency or disaster you should:

1. Make sure you have supplies, batteries for your radio, fuel for your generator and a weather radio that works.
2. Program your vhf/uhf radios with our local repeaters and PL tones; see the list on the next page.
3. Keep at least ½ tank of gas in your car

If there is weather alert or advisory:

1. Make sure you have implemented the steps above.
2. Check into the TBARG/Skywarn net. This net will probably be in condition “green” which means you check-in to let net control know you are monitoring. If conditions improve, the net will deactivate. If the weather deteriorates, the net will move to conditions “orange” and then “red”. See the next page for descriptions of these conditions and what you should do.

Repeaters local to our area:

Name, location	Frequency	PL tone
CARC ARES/RACES VHF, Traverse City	146.86	100
CARC ARES RACES UHF Traverse City	442.50	114.8
ARES/RACES simplex Grand Traverse County	146.52	None
Link System repeaters	145.15	None
Dstar, Traverse City	145.36	None
Packet, Traverse City	145.09	None
VHF Traverse City	145.27 -	114.8
UHF Empire	444.725+	114.8
VHF Empire	52.92 -	146.2
UHF Harietta-Cadillac	444.200+	114.8
Statewide ARES HF nets	3.932 and 7.232	none

TBARG/Skywarn net protocol and activation levels

Condition Green: The NWS has issued a “watch” for our area. A net will be initiated on 146.86 MHz and net control will take any reports and check ins.

Condition Yellow: Severe weather has impacted counties surrounding our area, net control will close the net to all non vital traffic. Stations should report to net control.

Condition Red: The NWS has issued a “warning” for our area. At this point the net will become a directed net and all traffic unless emergent or priority will cease. Also pagers will be toned and an alert warning will be sent over the 146.860 repeater

If you are asked to deploy:

1. The TBARG/Skywarn net manager will give you instructions on where to deploy. Remember, very important, **in an emergency we do not self-deploy**. The emergency operations center needs to know who you are, what you are going to be doing and where you are going to be located. Your county EmComm manager (that's the county EC's or AEC's) will be in contact with the emergency operations center and will tell you where they want you to go.
2. Bring along enough food and water and medications for 48 hours. A change of sock and underwear will be appreciated by everyone! You should also bring a sleeping bag and pillow just in case you end up sleeping on the floor in a shelter – not likely but it's possible.
3. Bring your portable VHF/UHF radio(s) and antennas along with extra feedline and connectors in case you are inside a building. Extra batteries or a battery charger if you are using an HT.

Contact Information:

Position	Name	Phone Number
911 – Central Dispatch	Central dispatch	911 from any phone
Grand Traverse EC/RO	Ernest Abel	231-922-3672 (h) 231-632-5210 (c) email: enabeler@gmail.com
Grand Traverse County AEC/ RO	Jim Palmer	(h)231-946-4679 (unlisted) email: oldtrvlr@yahoo.com
Antrim County EC/RO	Mike Cleary	(c) 231-544-8181 email: mjc4502@gmail.com
Benzie County EC/RO	Tom Schoonover	(h)231-882-4294 email: schooner@charter.net
Leelanau County EC/RO	Jerry Gorrell	(h) 231-334-3791 email:
*Grand Traverse County Emergency Manager	Dan Scott	231-590-2373.
*Benzie County Emergency Manager	Gene Mayo	882-0567
*Leelanau County Emergency Manager	Tom Skoronski	231-256-8775 Email: tskowronski@co.leelanau.mi.us
*Antrim County Emergency Manager	Carl Goeman	231-533-6569 Email: emergencymanagement@antrimcounty.org

* Important! During an emergency **do not call** the emergency managers directly as they are going to be extremely busy. Call your counties EC first!