

Mich-A-Con RF

Iron Mountain, Michigan

September 2010

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Visit the ARRL's Web Site at
<http://www.arrl.org>

Get Ready for the 2010 Simulated Emergency Test

From the ARRL Letter

September 16, 2010

The 2010 ARRL Simulated Emergency Test (SET) is just around the corner and ARRL Field Organization leaders are planning an event that will actively involve members of the Amateur Radio Emergency Service® (ARES), the Radio Amateur Civil Emergency Service (RACES), the ARRL National Traffic System (NTS) and many other related groups that prepare for and respond to emergencies. Public service and emergency response agencies and organizations in your community, ARRL Section Leaders and/or local and state officials will also be invited to participate. You, too, are invited to be a part of this annual tune-up for emergency response.



Make the Best of the Opportunity

To help make the best of this training opportunity, contact your local ARRL Emergency Coordinator or Net Manager to find out the details. Although October 2-3 is the focal point weekend, some ARRL Sections and ARES® teams and nets may conduct their exercises

anytime -- especially during the months of September through December. If you don't know who to contact, please touch base with your ARRL Section Manager and/or Section Emergency Coordinator or Section Traffic Manager for assistance. See page 16 of *QST* for contact information for your Section Manager or consult the ARRL Web site for the referrals to your Section Leadership officials. From there, you'll find links to ARRL section home pages with appropriate contact information. Listen in on nets, too, or attend your local club meeting. The net leaders and club leaders will often have announcements and be able to provide general information on the local plans or arrangements for the SET.

Be Prepared to Respond

The SET is a training opportunity to try out something new under simulated emergency conditions. You can try or practice skills in a variety of areas, such as testing a communication mode that you may have not been too involved with yet and have an interest in. This experience could prove worthy so that you would be ready to operate if a real activation were to take place. You can also spruce up your traffic handling and net operation skills or use this time to help a newcomer in these facets of Amateur Radio.

ARRL Field Organization officials in your area and Section are planning the simulated emergency scenarios that will be used during the SET event. These scenarios are designed to involve public service or public safety agencies and organizations. They, too, will learn firsthand through this SET how Amateur Radio can assist in emergencies.

Link Repeaters Information Provided:

from an email by
Nate, KD8GLP

Good Morning Everyone,

The purpose of this email is to provide follow-up information regarding linked repeater traffic level concerns raised at the September meeting of the Mich-A-Con Amateur Radio club.

While on the website of the Hiawatha Amateur Radio Club, I found there is streaming audio from some of their repeaters. According to the webpage the streaming audio is from the following repeaters: 146.97, 147.27, and 444.80. The webpage states that the two 2-meter repeaters with streaming audio are a part of the linked system.

I would recommend listening to the streaming audio using the hyperlink below if you are concerned about traffic levels in a linked repeater system. The HARA club's linked system traffic levels are a good reference from a local linked repeater system. We could expect similar traffic levels if one of our repeaters is linked.

<http://www.gsl.net/k8lod/>

Thank you,

Nate KD8GLP

Of course, some agencies have long-standing working relationships with ARRL, ARES® and other associated Amateur Radio groups. The Simulated Emergency Test is one of the best opportunities to exercise the relationships.

National Preparedness Month

National Preparedness Month is an annual nationwide effort held each September to encourage Americans to take simple steps to prepare for emergencies in their homes, businesses and schools. Once again this year, ARRL is a coalition member. National Preparedness Month 2010 is sponsored by the US Department of Homeland Security (USDHS). The goal of the month is to increase public awareness about the importance of preparing for emergencies and to encourage individuals to take action. Throughout September and the months surrounding it, DHS will work together with a wide variety of organizations, including local, state and federal government agencies, as well as the private sector, to highlight the importance of family and business emergency preparedness. They will also be promoting individual involvement through events and activities across the nation. You can find more information (<http://www.ready.gov/>).

You are encouraged to consider this year's ARRL Simulated Emergency Test and all preparations, as well as post-exercise evaluations, as a demonstration of your readiness -- and Amateur Radio's readiness. Be an active participant in SET and join others nationwide in National Preparedness Month.

Additional background on the annual SET is presented in the article in the July 2010 issue of *QST* ["2009 Simulated Emergency Test Results," pages 69-71]. You can also find guidelines and specific SET reporting forms for the ARRL Section and Field Leaders on the ARRL Web site.

New York Judge Declares Amateur Radio Is Not a Cell Phone

from the ARRL Letter

September 16, 2010

In many states and localities, it is illegal to talk on a cell phone (without a hands-free device) while behind the wheel -- doing so can result in a ticket and possibly a large fine. But on May 30, 2010, when a New York ham was talking on his mobile rig, he didn't think he was doing anything wrong. Except that the officer who pulled him over and cited him with a \$100 fine didn't quite see it that way.

Steve Bozak, WB2IQU, of Clifton Park, told the ARRL that when he was pulled over while driving to Troy -- about 16 miles away -- he assured the officer that he was not speaking on a cell phone, but on his handheld transceiver. But according to Bozak, the officer said "it was all the same to him." So Bozak decided to fight the ticket in court.

“Honestly, it’s not the fine or the ticket, but that all the other hams who use mobile radios have to hide the fact we are mobile in Troy,” he told the ARRL just days after he was cited. “I will do my best to settle this politely and correctly, for all of the ham community. So I will follow the course and have my day in court, to ‘tell it to the judge.’ This matter affects 38,000 hams in New York State.”

Unfortunately, when Bozak had his day in court for a pre-trial conference, the prosecutor refused to dismiss the case. But he didn’t give up and took his case to City Court where, on September 8, where at the request of Bozak’s attorney -- ARRL Volunteer Counsel (VC) Jeremy, Rase, KC2JRD -- the judge dismissed the case in Bozak’s favor. Bozak argued that his use “of a handheld Amateur Radio does not fit the definition of a mobile telephone, and as such, the present charge should be dismissed.” The prosecutor’s office did not submit a response in opposition.

Saying that New York’s Vehicle and Traffic Law defines a “Mobile Telephone” as a “device used by subscribers and other users of wireless telephone service to access such service,” and that a “Wireless Telephone Service” is defined as “two-way real time voice tele-communications service that is interconnected to a public switched telephone network and is provided by a commercial mobile radio service,” the judge decided that Bozak’s handheld transceiver did not fit that description.

“A review of 47 C.F.R. §20.3 reveals that Citizens Band Radio Service is defined under private mobile radio service not commercial mobile radio service,” the decision read. “Therefore, the Court finds that the use of an Amateur Radio device does not fit the definition of a mobile telephone as defined under the Vehicle and Traffic Law” As such, the judge dismissed the case in Bozak’s favor.

“While the court cited the Citizens Band Service instead of the Amateur Radio Service, the ruling is very favorable to amateurs on the precise point of law raised,” said ARRL Regulatory Information Manager Dan Henderson, N1ND. “The principle of law is spot on. This is a great ruling in New York and exactly what we had thought would happen.”

Club Patches are available from:

Burt Armbrust WB8EBS
693 Cliff St.
Quinnesec, Mi. 49876

The patches are 3 inches in diameter and sell for \$3 ea.
If ordering by mail please include a SASE along with
your payment.



Mich-A-Con ARC Activities for October 2010

<u>Sun</u>	<u>Mon</u>	<u>Tue</u>	<u>Wed</u>	<u>Thur</u>	<u>Fri</u>	<u>Sat</u>
					1	2
3	4	5	6	7 <i>ARES</i>	8	9
10	11	12 <i>Meeting</i>	13	14 <i>ARES</i>	15	16 <i>BREAK FAST</i>
17	18	19	20	21 <i>ARES</i>	22	23 <i>EC MTG</i>
24	25	26	27	28 <i>ARES</i>	29	30
31						

Club Activities:

ARES Nets are conducted at 6:30 PM Central Time every Thursday on our 2-meter repeater (146.850 MHz.)

Meeting: The Mich-A-Con Club meets the second Tuesday of the month at the Dickinson County Library at 7:00 PM. Visitors and Prospective Members are always welcome.

Our Saturday Morning Breakfast is held on the 3rd Saturday of every month at 9:00 AM at the Holiday Kitchen Restaurant on Stephenson Ave (US-2) in Iron Mountain.

Club Repeaters:

The club maintains two repeaters, which are located on Pine Mountain (elevation 1,650 feet) in Iron Mountain, with tower and facilities provided by the Wisconsin Electric Power Co.

The range of the 2 meter repeater is about 40 miles under normal conditions, depending upon terrain. The 440 MHz repeater has a range of about 25 miles.

OUTPUT	OFFSET	PLTONE	CALLSIGN
146.850	Minus	-	WA8FXQ
444.850	Plus	100 Hz	WA8FXQ

Repeater Specifications:

The 146.85 repeater is a Melco Hi Pro (built from a kit in the 1970s) with 25 watts output. The repeaters share a Diamond dual band antenna at a tower height of 125 feet

Mich-A-Con Amateur Radio Club Minutes of the September 14, 2010 Meeting

President Tom Martin called the meeting to order at 7:00 p.m.

Secretary Report

The minutes of the August 10 meeting were read and approved.

Treasurer Report

Balances as of September 1, 2010:

Checking - \$262.79

Regular Savings - \$1,846.04, \$309.42 of which is in the Trailer Fund.

Repeater Savings - \$779.93

Petty Cash - \$15.10 from sale of club patches.

Repeater Report

No problems to report.

ARES

There will be an EC meeting/lunch in Marquette at 11 a.m. October 23 after which the emergency radio equipment may be picked up. Plans will be finalized at our October meeting.

Old Business

Club Trailer –

Mike Boileau has the insurance quote. Paul Schultz will act as Trailer Committee Chairman, other committee members are Burt Armbrust and Scott Jarmusch.

Club Programs –

The PSK presentation scheduled for October has been cancelled.

New Business

Veteran's Day Special Event –

Tom Martin will contact the Kiwanis Club to reserve the building.

Repeater Linking –

A motion was made by Scott Baker, seconded by Steve Johnson, for Nate Mieras to work with Bob Meyers to purchase a 440 Mhz beam, coax, etc. to be used to link our repeater to Marquette. Nate will provide a diagram to club members to show how the linking is accomplished.

Adjournment

The meeting was adjourned at 7:53 p.m.

Club Presentation

Mike Bray and Tom Martin made a presentation on QSLing.

Submitted by Mike Bray

Attendees

Mike Bray, K8DDB---Secretary
Barry Perron – KC9NFT temp AG
Nate Mieras, KD8GLP
Art Costa, KD8GLO
Scott Jarmusch, KA8TFF---Vice
President
Jim Rye, W8IFI
Tom Martin, W8JWN---President
Scott Baker – KB9AVX
Terry Moriarity – K9TRY
Steve Johnson – KC8RYY
Burt Armbrust, WB8EBS---Treasurer
Paul Schultz – KD8KUF

V.E. TESTING:

10/09 **Houghton:** 8:30am eastern time, V.E. Exams at Michigan Tech. University in Houghton, MI will be held in the ballroom of DHH (Douglass Houghton Hall at Michigan Tech). Free Parking in Lot #14, front of DHH, across from Wadsworth Residence Hall. Use door #9 on the South-East side of DHH. Contact Glenn Ekdahl, WA8QNF at (906) 482-7743 if you have questions.

10/09 **Gladstone:** Sponsor: Delta County Amateur Radio Society Time:10:00 AM (Walk-ins welcome) Contact: Howard St. John (906) 428-9476 email: hsj99@charter.net
Vec: ARRL/VECLocation: Gladstone City Hall Main Meeting Room 1100 Delta Ave Gladstone, Mi. 49837.

11/06 **Iron Mountain:** 9:00am central time, (arrive by 8:30am) Dickinson County Library(conference room), contact Mark J. Lewis N8UKD, (906) 776-1553. 412 Fairmount St. Kingsford, Mi 49802.

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 \$15.00.

Please have the correct fee as examiners do not carry change. Please contact the individual(s) listed to confirm date(s), location(s), etc.

Note: If you have been assigned a FRN from the FCC you must use it on all forms rather than your SSN

Wanted:

**YOUR ARTICLES, IDEAS
AND INPUT! SEND IT IN
NOW TO:**

kd8ccp@arrl.net

Please remit dues to :
Burt Armbrust WB8EBS
693 Cliff St.
Quinnesec, Mi. 49876

Name: _____
Address: _____
City, State, Zip _____
Call Sign: _____
Email Address: _____
Phone: _____
ARRL Member? Yes____ **No** ____

Annual dues are due in January.

Please make check payable to Mich-A-Con ARC

Annual dues for Full Membership - Single \$20 __ * Family \$30 __ Repeater Only \$10 __**

If family membership, please list additional names and call signs: _____

*** The dues for NEW members are prorated - you only pay for the remainder of the year! Please remit \$1.67 per month for a Single membership or \$2.50 per month for a Family membership.**

Links

ARRL WEB PAGE: <http://www.arrl.org>

ARRL MICHIGAN: <http://www.arrl-mi.org/>

US REPEATERS: <http://www.usrepeaters.com>

MICH-A-CON : <http://www.qsl.net/ka1ddb>

Tropospheric Ducting Forecasts:

<http://www.dxinfocentre.com/tropo.html>

FCC Universal Licensing System: <http://wireless.fcc.gov/uls/>

QTH.COM: <http://www.qth.com/>

QRZ.COM: <http://www.qrz.com/>

Ehamnet.com: <http://www.eham.net/>

U.P. Skywarn: <http://kcra-mi.net/skywarn/>

Great Lakes Division: <http://www.arrl-greatlakes.org/>

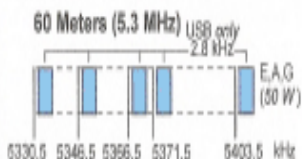
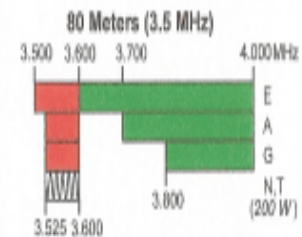
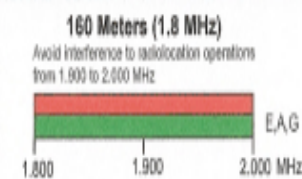
US Amateur Radio Bands

US AMATEUR POWER LIMITS

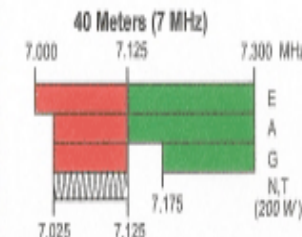
At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Except where noted, the maximum power output is 1500 W/PEP.

Effective Date
May 6, 2008

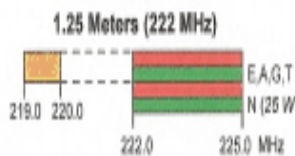
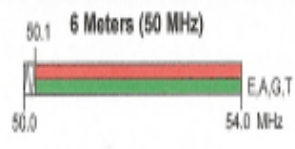
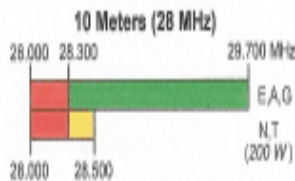
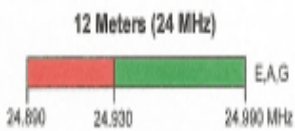
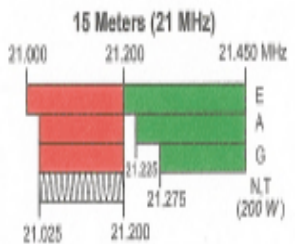
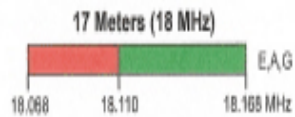
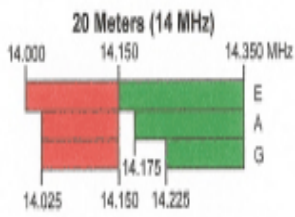
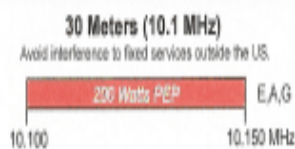
Published by
ARRL The National Association for
AMATEUR RADIO
www.arrl.org
225 Main Street, Newington, CT, USA 06111-1494



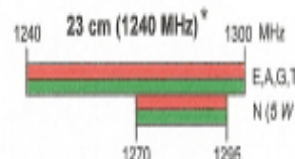
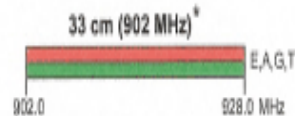
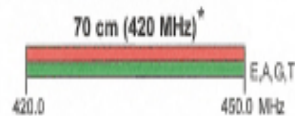
General, Advanced, and Amateur Extra licensees may use the following five channels on a secondary basis with a maximum effective radiated power of 50 W PEP relative to a half wave dipole. Only upper sideband suppressed carrier voice transmissions may be used. The frequencies are 5330.5, 5346.5, 5366.5, 5371.5 and 5403.5 kHz. The occupied bandwidth is limited to 2.8 kHz centered on 5332, 5348, 5368, 5373, and 5405 kHz respectively.



Phone and image modes are permitted between 7.075 and 7.100 MHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(b)(1).
Novice and Technician licensees outside ITU Region 2 may use CW only between 7.025 and 7.075 MHz and between 7.100 and 7.125 MHz. 7.200 to 7.300 MHz is not available outside ITU Region 2. See Section 97.301(e). These exemptions do not apply to stations in the continental US.



*Geographical and power restrictions may apply to all bands above 420 MHz. See The ARRL Operating Manual for information about your area.



All licensees except Novices are authorized all modes on the following frequencies:
2300-2310 MHz 10.0-10.5 GHz 122.25-128.0 GHz
2350-2450 MHz 24.0-24.25 GHz 134-141 GHz
3300-3500 MHz 47.0-47.2 GHz 241-250 GHz
5050-5025 MHz 76.0-81.0 GHz All above 275 GHz

KEY

Note:
CW operation is permitted throughout all amateur bands except 30 meters.
NCW is authorized above 20.1 MHz, except for 219-222 MHz.

Test transmissions are authorized above 21 MHz, except for 219-222 MHz.

- █ = RTTY and data
- █ = phone and image
- = CW only
- █ = SSB phone
- █ = USB phone only
- █ = Fixed digital message forwarding systems only

- E = Amateur Extra
- A = Advanced
- G = General
- T = Technician
- N = Novice

See ARRLWeb at www.arrl.org for digital band plans.

ARRL We're At Your Service

ARRL Headquarters:
630-914-0300 (Toll 800-694-2159)
email: info@arrl.org

Publisher/Order:
www.arrl.org/shop
Toll-Free 1-800-277-6881 (800-254-0205)
email: orders@arrl.org

Membership/Circulation Desk:
www.arrl.org/membership
Toll-Free 1-800-277-6881 (800-254-0205)
email: membership@arrl.org

Getting Started in Amateur Radio:
Toll-Free 1-800-277-6881 (800-254-0205)
email: news@arrl.org

Correspondence: wsj@arrl.org

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Club Meetings:

The Mich-A-Con Amateur Radio Club meets on the second Tuesday of the month in the Dickinson County Library at 7:00 PM. Visitors and prospective members are always welcome!

The URL for the Mich-A-Con ARC web site is:
<http://www.qsl.net/ka1ddb/>

Previous editions of Mich-A-Con RF can be accessed by a link on the news page.

The ARRL DX Bulletin on the Upcoming Activities page is updated each Thursday and the contests section is updated on a

monthly basis.

Club Officers:

President:
Tom Martin, W8JWN
(906) 774-5463
tmartin@chartermi.net

Vice President:
Scott Jarmusch KA8TFF
s_jarmusch@yahoo.com

Secretary:
Mike Bray, K8DDB
(906) 563-7020
mikebray@chartermi.net

Treasurer:
Burt Armbrust WB8EBS
(906) 774-8383
wb8ebs@yahoo.com

Reminders:

Club dues for the year 2010 were payable on January 1st. Please use the Membership Application - Renewal form when paying your dues. Checks should be made payable to : Mich-A-Con Arc and sent to our Treasurer, Burt Armbrust WB8EBS at the address listed on the form. Thank-you for supporting your club!

The October Mich-A-Con Meeting will be held on Tue Oct 12th, 2010. It will be held in the Dickinson

MICH-A-CON RF

**Mich-A-Con ARC
c/o Stephen Skauge
213 South Angeline
Ishpeming, Mi 49849**

