

Mich-A-Con RF

Iron Mountain, Michigan

November 2006

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Visit the ARRL's web site at <http://www.arrl.org>

SKYWARN RECOGNITION DAY DECEMBER 2ND 2006

From:

ARRL Monthly Michigan Section News Summary
Tues Nov 14th 2006
Section Manager: Dale R. Williams, WA8EFK

SKYWARN Recognition Day will be held from on December 2, 2006, from 0000 UTC to 2400 UTC. The object is for all radio amateur stations to exchange QSO information with as many National Weather Service Stations as possible on 80, 40, 20, 15, 10, 6, and 2 meter bands plus the 70 centimeter band. Contacts via repeaters are permitted.

The exchange should include call sign, signal report, location, and a one or two word description of the weather occurring at your site ("sunny", "partly cloudy", "windy", etc.).

NWS stations will work various modes including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append "NWS" to their call sign (e.g., N0A/ NWS). The National Weather Service will provide event information via the internet.

Event certificates may be requested from:

SKYWARN Recognition Day 920 Armory Road, Goodland, KS 67735.

Simply enclose a self-addressed stamped envelope with a list of NWS stations worked. The certificate size is 8.5 x 11 inches. Separate NWS stations will also issue individual QSL cards. See the Web page for a list. To learn more, check out the Web site:
<http://hamradio.noaa.gov>

Words from the President

By Tom W8JWN

On Location at Deer Camp

The Dastardly DIN Plug has been the nemesis of many a ham. I have had the misfortune to try and solder wires to these engineering marvels for the past two years. First was an attempt to connect my Icom 706MKIIG to my PK-232MBX packet TNC. After a few failed attempts to solder the wires to the pins without welding adjacent pins together, I purchased a ready-made unit from Gigaparts. After that purchase, I don't even use the 706 on packet. I use the Alinco 2 meter rig via the microphone input. Again, I ordered a commercial cable for the hook up. I detest soldering plugs! An unsteady right hand and bifocals have led to the destruction of many a DIN or microphone plug! A six-inch magnifying glass has helped some but my hand-eye coordination left me on my 60th birthday.

My latest adventure started a few weeks ago when I purchased a classic Yaesu FT-990 to use as a second radio for RTTY contests. In order to run a linear amplifier and RTTY interface, in this case the microHam USBII, the REMOTE DIN jack on the rear of the 990 must be used for both keying the amp and providing 13.8 volts for the interface. I called microHam and they said that I would void my warranty if I added two connections inside of their male DIN plug. So, I decided to add a female adapter of my own design to satisfy both the linear keying and interface power requirements.

I ordered the female DIN from Buxcom. Shipping for less than three ounces was \$5.00! So, I ordered a pair of wire
(cont. on page 2)

SKYWARN DAY IN MARQUETTE COUNTY

Matt Zika, KD8EFY is the Warning Coordination Meteorologist at the National Weather Service in Marquette. Questions concerning the upcoming Skywarn Recognition Day can be directed to Matt at matthew.zika@noaa.gov or call 906 475-5782 ext 726.

Matt noted that twenty-four hour coverage may be a lot to ask but he is looking for coverage during the evening of the 1st and the daylight hours of the 2nd.

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/>

(Cont from page 1.... **Words From the Pres**)

cutters to justify the shipping charges. I can't be placed in a padded envelope and mailed for \$1. Oh, well....

The plug arrived and I took my trusty 25-watt soldering iron in hand and began the job. The plug kept moving on the bench, as I tried to solder the pins. I took a pair of vise grips and placed the DIN between its jaws and soldered the best connections I've ever made. It was a true piece of electronic art! It almost brought tears to my eyes to see the neatly soldered pins. I removed the DIN from the grips and prepared to apply the rubber outer shell when disaster occurred. The DIN plug cracked into four pieces before my eyes!!! I had applied too much pressure with the vise grips. Now, I was back to square one. No DIN and thus no connection for my amp and interface.

I have placed another order for TWO DIN plugs. (I know my limitations.) Since I needed to make the shipping charges worthwhile, I also ordered a pair of wire strippers. Even if I never get the amp and interface on the air with the 990, I'm collecting a nice set of tools!

Wisconsin's Historic Badger Weather Net

From the ARES E-Letter

November 15th 2006

Rick Palm K1CE Editor

Every morning a number of US amateurs check into the nation's oldest weather net -- the Badger Weather Net (BWN) - on 3.985 MHz to report their 24-hour "ground truths": high and low temperatures, and precipitation. The net meets every day to collect the weather data from 5:00 to 7:15AM Central time.

BWN is always looking for additional stations to report weather information that is then passed on to the appropriate local National Weather Service Office. The Badger Weather Net was started December 14, 1964 by a handful of Wisconsin Amateur

Radio operators. Since that time the BWN has provided the National Weather Service with valuable weather observations of high/low temperatures and precipitation from across the state. This collected data is

utilized for input into the river forecast model, for public and fire weather forecasts, verification of watches and warnings, for local media use, updating of computer models and various research projects.

For more information, contact Net Manager Don Michalski, W9IXG, at w9ixg@arrl.org Or visit <http://www.crh.noaa.gov/mkx/?n=badger-weather.net> for details on reporting format and recommended instruments.

MICH-A-CON HOLDS ELECTIONS

The Mich-A-Con Radio Club will hold club officer nominations at its regular December 12th meeting followed by the elections of officers. The meeting will be held at 6:30 P.M. in the Grace United Methodist Church, 721 Norway Street, Norway Michigan.

Please attend this important meeting and consider running for an office.

ARRL MICHIGAN SECTION HAS A WEB PAGE.

This is the place to go for information about amateur radio in the state of Michigan.

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

WINTER STORM SPOTTER PROCEDURES

from: NOAA'S National Weather Service

A Spotter Guide for the Winter Season and

Steve Skauge KD8CCP

I thought this would be a good time to review the reporting procedures for winter weather events. Winter actually starts in December but as all us Yoopers know Winter has already arrived. This year has been relatively mild so far but as the old saying goes “just wait five minutes and the weather will change.”

The National Weather Service in Marquette has the following guidelines on what to observe and report:

Rapidly Accumulating Snow

- **Start reporting when accumulations reach 2 inches, and then for every additional 2 inches of snow accumulation.**
- **Record start/end times of the snowfall if possible.**

Freezing Rain/Sleet

- **Start reporting when freezing rain and freezing drizzle begins**
- **Report any ice accumulations from freezing rain, especially if the ice reaches 1/4 inch thick.**
- **Report accumulations of sleet greater than 1/4 inch.**

Reduced Visibilities

- **Start reporting if visibilities drop to ½ mile or less in blowing snow.**

HOW TO MEASURE SNOWFALL SINCE THE LAST OBSERVATION:

- **If the snow melts as it falls, record a trace for snowfall.**
- **Measure each snow. Select several spots where the snow is least affected by drifting and where snowfall is not blocked by trees or structures.**
- **Take several measurements in the spots least affected by drifting (do not include deep drifts) and in the spots where snowfall is not blocked by trees or structures. Take an average of the measurements you recorded, and then report that amount to the National Weather Service.**
-

HOW TO RECORD SNOW DEPTH:

- **Take several measurements in the spots least affected by drifting and again, do not include deep drifts or spots where the snowfall is not blocked by trees or structures.**
- **Be sure your ruler reaches the actual ground surface before recording the amount.**
- **Take an average of the measurements you recorded, then report that amount to the National Weather Service.**

Got Weather?

- **Click: www.crh.noaa.gov/mqt**
- **Call: (906) 475-5212 or (800) 828-8002**

“A Tree Grows in Brooklyn” (from Mike Bray K8DDB)



Photo by Mike Bray K8DDB

Well, it's not really Brooklyn – it's Hamilton Lakes. And, it's not really a tree – it's a 60 foot tower belonging to Mich-A-Con ARC member Mike Bray, K8DDB. Mike's first contact with the new antler was on 20 meters CW to Valery Makarov, UA0ZC, on the Kamchatka Peninsula of Russia. K8DDB station: Ten Tec Argonaut V at 5 watts to a refurbished Wilson Systems SY-33 tribander at 62 feet. UA0ZC station: 500 watts to a 4 element monoband Yagi antenna.

Mich-A-Con Amateur Radio Club

Minutes of the November 14, 2006

Meeting

The meeting was called to order by Vice President Mike Boileau, N9NBN, at 6:30 PM.

Secretary Report:

The minutes of the October 10th meeting were read and approved.

Treasurer Report:

Balances for end of October:

Checking: \$112.31

Repeater Savings: \$1601.62

Regular Savings: \$1162.74

Petty Cash: \$25.63

Debits from checking: WE Energies \$18.25; SBC \$23.26

Repeater Report:

Lee, N8LT, reported that the signal strength is down on the 444.850 repeater again. The 2-meter repeater is OK.

Old Business:

ARES:

The SET was not conducted in November. Dennis will try to get it in before the end of the year. There will be an EC meeting on December 9th. Dennis is also the EC for Florence County.

Emergency Generator:

Scott Celello, Dickinson Co. Sheriff's Department's Emergency Services Coordinator, has sent a request to Lansing for funds. He doesn't see a problem. We will get an order going for the generator, cables, etc. after deer season.

Packet:

Packet equipment has been moved from Metropolitan to Pine Mountain with the exception of antennas and feed lines. Lee has been programming TNC EPROMs and will try to establish the Crivitz link next week. Packet IDs will be changed to KC8VC

New Business:

Mike, K8DDB, read a letter from Jackie Toppe acknowledging our thank you letter for her donation of a rotor and control to the club.

The Club's November test session yielded one successful candidate for the CW exam. He was from Wisconsin.

It was decided to postpone the election of officers until the December meeting. Steve, KD8CCP, in the November issue of Mich-A-Con RF, will ask members to consider nominees for office.

For the Good of the Order:

Members discussed their current radio related activities.

Adjournment:

The meeting was adjourned at 7:13 PM.

Submitted by: Mike Bray

Attendees:

Mike Bray, K8DDB – Secretary

Lee Michaud, N8LT

Mike Boileau, N9NBN – Vice President

Bob Uren, KC8TWG

Dennis Beurjey, K8SWX

Burton Armbrust, WB8EBS

Scott Jarmusch, KA8TFF

Bob Olson, KD8DJN

Steve Skaug, KD8CCP

Visit the Mich-A-Con web site:

<http://www.qsl.net/ka1ddb/>

AMERICAN RED CROSS CLARIFIES BACKGROUND CHECK POLICY

The ARRL Letter Vol. 25, No. 45 November 10, 2006

The American Red Cross (ARC) has attempted to clarify its policy to require background checks of its employees and volunteers, at least as far as the policy applies to possible credit checks. After the ARC announced the policy in July through its regional and local chapters, Amateur Radio Emergency Service (ARES) members who support Red Cross disaster relief and recovery efforts began expressing concerns to ARRL. In some past incidents -- most notably the 2001 World Trade Center terror attacks and the 2005 Hurricane Katrina response -- ARES volunteers have had to badge in as Red Cross volunteers.

In a statement to the ARRL November 9, Laura Howe, the ARC's director of response communication and marketing, stressed that, while background check applicants must give permission to conduct a credit check, the ARC has no intention of conducting them across the board. "The Red Cross realizes some volunteers may have concerns about authorizing a credit check. Those concerns are understandable," Howe said. "But please rest assured that credit checks are only run in rare instances and are not a part of the routine minimum basic check the Red Cross performs on employees or volunteers." Howe told the League that the "standard minimum check" verifies the applicant's Social Security number and a search of the National Criminal File for the past seven years. "While the Red Cross will never run a credit check on the vast majority of its employees and volunteers," she asserted, "it is important that this standard language is included in the consent form to protect our clients, volunteers and employees."

The ARC has contracted with MyBackgroundCheck.com LLC (MBC) to handle the on-line background checks. MBC notifies the applicant's local Red Cross chapter whether or not the individual passed the background check, but it does not share any personal data.

In a statement

<http://www.arrl.org/FandES/field/RC-Background-Checks0610.pdf> October 24, ARRL President Joel Harrison, W5ZN, urged ARES and other ham radio volunteers to tread cautiously and read very carefully what they are giving MBC permission to collect on behalf of the Red Cross, especially given the wide net being cast. Howe acknowledged that by signing the consent form, applicants do give MBC permission to "conduct a credit check or other investigation into an individual's background." ARES members are not obliged to submit to a background check, however; the choice to do so is a personal one.

Several ARES leaders maintain that they and their volunteers represent ARES when supporting the ARC as a served agency. "Our issue is not the background checking, but the fact ARC considers ARES members ARC volunteers," one ARRL Section Emergency Coordinator told ARRL. An ARES District Emergency Coordinator suggested the ARC policy is too arbitrary. "The unfortunate thing is that if a member decides not to submit to this check, then that will hamper our ability to serve the Red Cross in an emergency," he said.

ARRL Field and Educational Services Manager Dave Patton, NN1N -- whose department supports and oversees the ARRL Field Organization -- believes the Red Cross stands to lose a fair number of volunteers because of the requirement -- and not necessarily just ARES volunteers. The Statement of Understanding (SoU) between the ARC and the ARRL does not address the issue of background checks. It also is ambiguous on the subject of whether ARES volunteers automatically become ARC volunteers when supporting Red Cross operations and become subject to a background check.

The bottom line: The requirement extends to whomever the Red Cross says it does. While some Red Cross chapters will allow ARES member participation without requiring that they register as Red Cross volunteers, others may not. The ARRL-ARC SoU is up for review in 2007.

HAWAIIAN EARTHQUAKES RESPONSE

From: The ARES E-Letter November 15,
2006

Rick Palm, K1CE, Editor

ARES provided emergency communication for relief efforts after earthquakes October 15 on the "Big Island" of Hawaii. "ARES and RACES operators responded to Hawaii State and Oahu Civil Defense EOCs," reported Hawaii State RACES Coordinator and ARRL State Civil Defense SCD) EC Ron Hashiro, AH6RH.

Right after Oahu stopped shaking, Hashiro put out a call on the Honolulu 146.88 MHz repeater seeking reports, then proceeded to the inter-island 147.06 MHz repeater system and repeated the sequence. Hashiro, Robin Liu, AH6CP, and Mitch Pinkerton, KH6MP, arrived at the State EOC, and operations started within a half hour of the first earthquake. After checking into HF and VHF nets, Pacific SEC Kevin Bogan, AH6QO, responded to the SCD EOC. Bogan said the primary focus was on the Big Island, where most damage occurred because the epicenter was so close.

Telephone calls on landline and many cell phone carriers were difficult due to congestion." Operators at the EOC ran messages. The Hawaii Emergency Net on 7088 kHz provided the main HF link in the earthquakes' aftermath. Many ARES volunteers responded. Hashiro said the key to their success was that they had varying degrees of portable and mobile capabilities with emergency power -- using VHF and HF. "They were able to drive right to the scene and pass along assessments, status reports and messages through us, right into State CD operations." The Salvation Army Team Emergency Radio Network (SATERN) activated for a short time on 14.265 MHz to assist with emergency communication to handle health-and-welfare inquiries and traffic. Hashiro said that unlike some other areas of the US, radio amateurs in Hawaii stress and believe in joint operation -- a collaboration of ARES, RACES, SKYWARN, HealthComm, the American Red Cross, Volunteers Organizations Active in Disaster (VOAD), and SATERN.

ARISS "CONTINGENCY NETWORK" IMPRESSES NASA

From: The ARRL Letter Vol. 25, No. 44
November 3, 2006

When Russian flight controllers encountered difficulties during a recent International Space Station cargo rocket docking, NASA called on a special -- although little-known -- Amateur Radio team to stand by if needed. Amateur Radio on the International Space Station (ARISS) Ops Team "ISS Ham Contingency Network" volunteers around the world immediately swung into action.

Within 15 minutes of receiving the call from Johnson Space Center, Kenneth Ransom, N5VHO, reported the ISS Ham Contingency Network was ready to provide any necessary communication support. "The ARISS teamwork was very effective," ARISS Secretary-Treasurer Rosalie White, K1STO said. "Its members learned a great deal, and they impressed NASA with how quickly the system was brought up." During the October 26 Progress docking, NASA says, Russian flight controllers were unable to confirm whether an automated antenna on the rocket had retracted as commanded. If still extended, the antenna could have interfered with the final latching of the supply ship to the ISS. To avoid disturbing the softly docked cargo ship and to aid the crew with docking maneuvers, the ISS orientation was allowed to drift freely. During free-drift mode, however, the Tracking and Data Relay Satellite System (TDRSS) -- which handles communication between the crew and Mission Control in Houston -- can be lost. That's because the station's solar arrays may not directly face the sun, causing a drop in onboard power.

Awakened at 2 AM, ARISS Australian team member Tony Hutchison, VK5ZAI, put out a blind call on VHF to the ISS crew, although no answer was needed at that point. Others available to cover later passes included Gerald Klatzko, ZS6BTD, in South Africa; Gaston Bertels, ON4WF, at ON4ISS in Belgium; Dick Flagg, AH6NM, and Nancy Rocheleau, WH6PN, at Sacred Hearts Academy in Honolulu; and Frank Bauer, KA3HDO, and Mark Steiner, K3MS, at (Cont next page)

(continued... NASA and ARISS)

the Goddard Space Flight Center's WA3NAN.

Each of these Earth stations has a track record of being able to sustain reliable communication with the ISS. The call-up marked the first time that NASA had asked for such Amateur Radio assistance since the initial crew came aboard the ISS in November 2000.

Ransom says that by remaining available to ensure solid communication while Mission Control staff dealt with the docking issue, the ISS Ham Contingency Network provided Mission Control with an additional layer of security. Once the antenna retraction problem was resolved, the contingency network stood down, but NASA's request and the ensuing ham radio activity did serve as a valuable drill, ARISS said.

NASA says Expedition 14 Commander Mike Lopez-Alegria, KE5GTK, and flight engineers Mikhail Tyurin, RZ3FT, and Thomas Reiter, DF4TR, opened the hatch to the supply ship October 27 to unload supplies.

ARRL members may sign up for IARU E-Letter:

From: The ARRL Letter Vol. 25, No. 45
November 10, 2006

ARRL members now may sign up to receive the monthly International Amateur Radio Union (IARU) electronic newsletter, The IARU E-Letter <http://www.iaru.org/e-letter/>. This new e-publication reports on various IARU activities and projects in all three IARU regions. New editions appear on the IARU Web site around the first of each month and are available for free viewing/downloading. ARRL members now may request to receive The IARU E-Letter directly: (1) Log into the ARRL Web site <http://www.arrl.org/> as a member and click on "Member Data page" Note: If you're logged in as a member, this link will appear in the box in the site banner that says "Members Only (your call sign)." If you don't see this link, you're not logged in as a member. (3) Click on "Modify membership data." (4) Check the box next to "The IARU E-Letter (International Amateur Radio Union news)." (5) Click on "Submit modification." Other IARU member-societies may make the IARU E-Letter available to their

members through their own news channels. Subscribers receive their copies via the "iaru-news" e-mail list maintained by the IARU International Secretariat. Anyone holding a position as an IARU volunteer or with an IARU member-society will be included on this distribution list upon e-mail request iaru@iaru.org. Please include your IARU or member-society position.

SCHOLARSHIPS AVAILABLE

from: Jim Weaver, K8JE, Director Great Lakes Division, ARRL 5065 Bethany Rd., Mason, OH 45040 Tel. 513-459-0142; E-mail k8je@arrl.org
ARRL, the Reason Amateur Radio is! Members, the Reason ARRL is!

It is time to apply for ARRL Foundation scholarships. Over 40 scholarships ranging in value from about \$10,000 to \$300 are available. The sponsors of some of the scholarships have designated them for specific categories of applicants; however, many are open to all amateurs who are furthering their education. For information on the scholarships and the application form, go to <http://www.arrl.org/arrlf/scholgen.html>.

The Great Lakes Division has been well represented among scholarship winners during recent years. I'm sure there are a few more worthy candidates in our three state area.

DUELING DXPEDITIONS? TWO GROUPS SET TO DESCEND ON RARE LAKSHADWEEP ISLANDS

From: The ARRL Letter Vol. 25, No. 44
November 3, 2006

The second most-wanted DXCC entity, Lakshadweep Islands (VU7) may host two separate DXpeditions during December. A team sponsored by the Amateur Radio Society of India (ARSI) -- the International Amateur (cont next page)

(cont dueling dx)

Radio Union (IARU) member-society for India will operate as VU7LD .

<http://arsi.info/vu7/index.html>

A second group, under the auspices of the National Institute for Amateur Radio (NIAR), has announced plans to operate as VU7RG <http://www.vu7.in/>, in honor of the late Indian Prime Minister Rajiv Gandhi, VU2RG.

While the two DXpeditions would have multiple stations on the air simultaneously on various HF bands and modes for at least the first part of December, the Web sites for the respective DXpeditions do not mention the other's planned operation. The Daily DX and QST "How's DX?" Editor Bernie McClenny, W3UR, has cautioned that the two highly competitive organizations carefully coordinate their on-air activities to avoid chaos. "It is possible that up to six or more stations between the two teams may operate at the same time on the same band and mode," McClenny pointed out in the October 26 edition of The Daily DX <http://www.dailydx.com>. He said both teams are aware of concerns within the DX community and on the part of potential DXpedition sponsors regarding the possibility for confusion caused by overlapping operating frequencies that could decrease the efficiency of the operations as well as opportunities to get into the VU7LD and VU7RG logs. "With this in mind, it will be important for some kind of frequency management (i.e., to assign strict frequency slots for all modes and bands to all operation sites of both groups)," McClenny advised. "This will ensure well-regulated and trouble free operations." He says members of the two groups need to work out an agreement before their DXpeditions begin. The NIAR says all of its VU7RG sites "will work closely together to avoid multiple stations in the air using overlapping frequencies."

ARSI's VU7LD DXpedition will run from December 1 until December 30, while NIAR's VU7RG DXpedition is set for December 1 until December 10. A three-day hamfest and conference will kick off the NIAR DXpedition. Earlier NIAR announcements had set the event for the January 15-25, 2007, time frame, but ARSI's announcement that it would mount its own VU7 DXpedition reportedly drove NIAR to reschedule.

Questions remain as to whether the Indian government has authorized NIAR's VU7RG

DXpedition, but event organizers called these "rumors," and assured that the VU7 licenses "are getting processed in a regular way." Earlier this year, the NIAR organized and sponsored a successful DXpedition and hamfest-conference in the Andaman Islands (VU4). Fifty or more hams from India and elsewhere -- including a number of well-known DXers -- are said to have signed on to fill the VU7RG operating positions.

Approximately two dozen radio amateurs from India will handle VU7LD operations on CW, SSB and digital modes. Part of the Laccadive Islands, Lakshadweep -- the smallest union territory of India -- is located in the Arabian Sea some 200 to 300 km off the southwestern coast of India. The territory marks its 50th anniversary this year. The VU7LD team will operate from Kavaratti Island, while the VU7RG DXpedition will take place from sites on Agatti, Bangaram and Kadmat islands.

NEW 6 Meter repeater

From arrlmichigan web site

Submitted by **KS8O** on Sat, 2006-11-04 04:03.

Menominee, Michigan November 4, 2006. A new 6 meter repeater is going up today in Menominee Michigan. The repeater, owned and operated by Mr. Peter Johnston, AB9PJ, will begin operation on the frequency of 53.110.00 with a negative 1meg offset and a tone of 114.8. This repeater will be up at 400+ feet and will have an extremely large footprint. Please tune it in when your in the U.P. and enjoy the outstanding coverage.

<u>Mich-A-Con ARC Activities for December 2006</u>						
<u>SUN</u>	<u>MON</u>	<u>TUE</u>	<u>WED</u>	<u>THUR</u>	<u>ERI</u>	<u>SAT</u>
					1 SKYWARN REC DAYS	2 SKYWARN REC DAYS
3 UPSN	4	5	6	7 ARES	8	9
10 UPSN	11	12 MEETING: ELECTIONS	13	14 ARES	15	16 BREAKFAST
17 UPSN	18	19	20	21 ARES	22	23
24 UPSN	25	26	27	28 ARES	29	30
31 UPSN						

CLUB ACTIVITIES

The Upper Peninsula 2-meter Social Net (UPSN) is conducted every Sunday at 7:00 PM Central Time on the 146.850 repeater. Dennis, K8SWX, will facilitate the link from our repeater to the other participating stations via EchoLink.

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

Meeting: The Mich-A-Con Amateur Radio Club meets on the second Tuesday of the month at 6:30 PM in the Grace United Methodist Church, (upstairs in the room next to the sanctuary), 721 Norway Street in Norway, Michigan. Visitors and prospective members are always welcome!

Our Saturday Morning Breakfast is held on the 3rd Saturday of every month at 9:00 AM in the Holiday Kitchen Restaurant on Stephenson Avenue (US-2) in Iron Mountain, across from Econo Foods. Why not enjoy a good meal and camaraderie with your fellow members?

Skywarn Recognition Day begins December 1st 2006. Contact Matt Zika, KD8EFY for more information. matthew.zika@noaa.gov or call 906 475-5782 ext 726. Web site : <http://www.crh.noaa.gov/hamradio>

Mich-A-Con Amateur Radio Club
Membership Application/Renewal Form

Please remit dues to:
Dennis Beurjey K8SWX
612 Balsam Street
Kingsford, Mi 49802

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

Annual dues are due in January. Please make checks payable to Mich-A-Con ARC
Annual dues are 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 or \$2.50 per month for a Family membership.

**If you are an occasional or seasonal user of the repeater, please consider our Repeater-Only-Membership

Exam Schedule:

City: Iron Mountain
Location: Dickinson County Library
Room: Conference Room
Time: 9:30 AM Central Time
Contact: Mark Lewis, N8UKD
Telephone: (906) 774-6598

Exam Date: Feb 3rd, 2007
Exam Date: May 5th, 2007

Bring two (2) pencils, a pen for the official paperwork, the originals AND copies of any previous credit that you have earned (Certificates of Successful Completion or current license), one (1) photo ID (usually a driver's license), one (1) other ID. (Usually a birth certificate or Social Security Card.) Bring a calculator if needed. (Make sure your memories are cleaned out.) Remember to bring the test fee of \$14 (2006) too!

Repeaters:

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

Identifier: WA8FXQ/R IMT		
Output	Offset	PL Tone
146.850 MHz	Minus	-----
444.850 MHz	Plus	100

Both repeaters have an auto patch with a toll restriction. The auto patch on the 2-meter repeater can be used with permission. The 440 auto patch is for club use only.

An ARES/RACES net is held on the 146.850 repeater every Thursday at 6:30 PM. Dennis, K8SWX is the net manager. The UP 2-Meter Social Net is held on Sundays at 7:00 PM on the 146.850 repeater.

License Study Materials Available from the ARRL:

Technician Class:
NOW YOUR TALKING -5TH edition - Order No. 8810 \$19.95

ARRL Tech Q&A -3rd edition - Order No. 8829

General Class:
ARRL General Class License Manual 5th ed.
Valid beginning July 1, 2004
Order No. 9205 \$16.95

Your Introduction to Morse Code -Pass 5 wpm test
Cassettes No. 8322
Audio CD No. 8314
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MICH-A-CON RF

Mich-A-Con ARC
c/o Stephen Skauge
945 Woodward Ave Apt 5
Kingsford, Mi. 49802-4438

Club Meetings:

The Mich-A-Con Amateur Radio Club meets on the second Tuesday of the month at 6:30 PM in the Grace United Methodist Church (upstairs in the room next to the sanctuary), 721 Norway Street in Norway, Michigan. 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:
Mike Boileau N9NBN
(715) 251-3137
n9nbn@borderlandnet.net

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

Treasurer:
Dennis Beurjey, K8SWX
(906) 771-1996
dbeurjey@msn.com

Reminders:

Club dues for the year 2006 were payable on January 1st. Checks should be made payable to Mich-A-Con Arc and sent to our Treasurer, Dennis Beurjey. K8SWX. Thank-you for supporting your club!

The monthly meeting for December is on Tuesday the 12th at 6:30 PM in the Grace United Methodist Church, 721 Norway Street Norway Michigan. (Upstairs in the room next to the sanctuary.)

Nominations for Club Officers and Elections of Officers will take place this month so please attend this important meeting.

