

Mich-A-Con RF

Iron Mountain, Michigan

April 2006

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

Dog Gone Good Time!

by: Steve Skauge, KD8CCP

The weekend of February 18, 2006 will be remembered as one of the coldest weekends of the winter with temperatures during the day struggling to get above zero. The UP 200 and Midnight Run dog sled races were up and running in the cold and snow of Marquette and Alger counties with Amateur Radio heavily involved in the event. The Hiawatha Amateur Radio group sets up operations beginning on Friday and continues until the end on Sunday...non-stop! Headquarters in Marquette coordinates the dedicated group of Hams at checkpoints across the 200 mile course to keep times of the teams and help out on any emergencies that may come up.

Dennis (K8SWX) and myself (Steve KD8CCP) planned to attend the Saturday events and help out at the headquarters for the race communications which was set up at the Holiday Inn in Marquette. Dennis and I hoped the event would give us some practical experience for our ARES endeavors.

Saturday morning as I was heading to headquarters and speaking to Dennis on the 2-meter 91 repeater in Ishpeming we heard the UP200 had to be cut in half and instead of ending on Sunday as planned it

was ending about 3 P.M. Saturday due to heavy snow in the Munising area the night before. This would seriously impact our day of radio fun....but we would make a day of it anyway.

A call suddenly came over the 147.270 repeater in Marquette. The call was out for help in Munising. A Midnight Run checkpoint needed radio communication. The last checkpoint before the finish had volunteers to help the dogs cross the road but the radio crew could not get out to the repeater in Marquette and the Munising repeater was down due to the extreme cold. Dennis and I did not hesitate and after checking in with headquarters and getting directions we were on the road to Munising.

We arrived at the checkpoint and pulled up behind some volunteers and called headquarters to see if we could get out to the 27 repeater... I was very happy my Radio Shack mobile 50 watt radio with it's 5/8 wave antenna hit Marquette easily! We were calling out from Highway 13 just past Munising .

(Continued on page 3)

Mich-A-Con ARC April 11th Meeting Minutes

The meeting was called to order by President Tom Martin, W8JWN, at 6:30 PM.

Attendees introduced themselves.

Secretary Report:

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

Treasurer Report:

The Treasurer's Report was presented by Dennis, K8SWX. As of this meeting we have \$161.15 in

checking, \$1,797.43 in the savings account, \$1,371.60 in the repeater account and \$25.63 petty cash.

Our club insurance will be changed from \$500,000 to \$1,000,000 liability per occurrence and a clause will be added to hold the City of Norway harmless for any claims made as a result of our Field Day activities. Dennis will ensure that our insurance will be in effect by April 14th.

(Continued on page 8)

Words from the President

In this column I would like to welcome all the new hams that received their KD8 calls. Congratulations! Now, that you are licensed members of one of the greatest fraternities in the world, be sure to be an active member. I've known many a new ham that didn't remain in the fraternity because of a failure to try to go beyond getting the "piece of official paper" and actually operate on the air. Of course many of those new hams were afraid of the code and using CW to actually "talk" to someone. Today, with the 2 meter FM radio, you can talk to anyone through the local repeater, or in most areas of the country, through other repeaters. Don't be afraid to key the rig and use your new call.

Now that you have the new ticket and are located in, or near, the Dickinson County area, please try to attend one of our Mich-A-Con meetings. Here you will meet many people just like you. We were all beginners at one time. We needed support to make that first contact, to build that first antenna, to assemble, or purchase that first radio, and to remain an active ham.

One of the best events of the year is Field Day. We practice our emergency preparedness at Marion Park in Norway on June 24-25. During this exercise, we setup and operate with emergency power for 24 hours. You can stop by and try your hand at operating on the GOTA station (a special station for newly licensed or unlicensed individuals to try amateur radio), or you can lend a hand in erecting antennas.

Hopefully, you all received my phone message on Wednesday, April 19th. This came to you via CallingPost, an auto-

mated message service that we use for alerting club members of severe weather for SKYWARN. This is another important facet of amateur radio. During the year, we are many times called upon to observe severe weather situations and report storm information to the National Weather Service in Marquette via 2 meters.

Well, again congratulations and welcome to a great hobby! I hope to meet all of you at some time in the future.

73,

Tom W8JWN

CONGRATULATIONS!

to all students and instructors of our latest Amateur Radio Technician Class training program. All eight students that took the exam, passed.

We welcome our new Amateur Radio Operators:

Ed Armbrust—KD8DJO	Randy Hruska—KD8DJL
David Carey—KD8DJP	Robert Olson—KD8DJN
Sheila Caswell—KD8DJJ	Becky Rowell—KD8DJQ
Steve Coughlin—KD8DJM	Joe Schutte—KD8DJK

We thank our instructors: Bob Meyers, WA8FXQ; Skip Caswell, KE9L and Dennis Beurjey, K8SWX.

Mich-A-Con ARC Activities for May 2006

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4 ARES	5	6 Exam
7	8	9 Meeting	10	11 ARES	12	13
14	15	16	17	18 ARES	19	20
21	22	23	24	25 ARES	26	27
28	29	30	31			

May Club Activities

The Iron Mountain-Kingsford VEC will hold an exam session on Saturday, May 6th at 9:30AM Central Time in the Dickinson County Library, Iron Mountain. See page 9 for details.

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

Monthly meeting on Tuesday the 9th at 6:30 PM in the Grace United Methodist Church, 721 Norway Street in Norway. The meeting room is upstairs next to the sanctuary.

Dog Gone Good Time!

(Continued from page 1)

Dennis and I proceeded to call in the dog sled team numbers and times as they passed "our" checkpoint. Our checkpoint was known simply by the tactical call sign of Hwy 13. We used tactical call signs and military times to avoid confusion. This net was open unless an emergency came up... then it would become a Directed Net. I am a new Ham so this was very exciting for me not to mention educational!

Dennis and I also helped to direct car traffic as the dog teams approached the road crossing and even helped form a "tunnel" for the dogs to cross. The other volunteers explained that we all need to stand across the road in kind of a human chain or tunnel to keep the dogs on the race course. The dogs like to turn and try to head down the road ... the easier path of course. Dennis and I even had the new experience of grabbing onto the lead dogs and turning them back if they decided to try and head down the public road! I like dogs but this did make me think twice... reach out and grab a large set of dogs ... all hungry and tired ... and turn them?? Luckily the dogs were so well trained and behaved that they just took our direction and continued on down the trail as we directed without incident. They did not even seem to care that some strangers were taking their leads and telling them where to go!

The dog teams themselves were incredible... many of the teams had the traditional sled dogs, some had all German Shepherds and one team even had all Irish Setters!

After the last of the teams crossed our check point without any problems we called the final times in and cleared our checkpoint.

Dennis and I agreed this was great practice for ARES communications. My only recommendation for next year is to order a little warmer weather!

Thanks to all the organizers and volunteers with a special thanks to Bruce KB8RJV for getting me involved in Amateur Radio and this great event!


Note: The Midnight Run is an 8-dog race with the starting chute in Gwinn. It starts at 6:00 P.M. Friday and takes its racers on an approximately 91 mile course! Over 30 teams participated in the Midnight Run this year... and MICH-A-CON was there too!

1st Echolink Contact

ZLIAKJ

DEREK - L - STUDHOLME
22 ANITA AVENUE - MT. ROSKILL - AUCKLAND
NEW ZEALAND

CONFIRMING QSO WITH *K8SWX-L Dennis*
DATE *27-3-06* UTC *0111-0122* R... S... T...
MODE .. FM. CW. SB. HF. SATELLITE. PACKET *Echolink*
MHZ *Echolink - on Southern Cross Cable*
TX *100%* RX *100%* WATTS
ANTS *(with Scott KA8TFF)*
PSE QSL TNX 73



BRANCH 29
WAITEMATA
COUNTRY-ZONE 32

Here is a QSL card from New Zealand for a QSO between Scott, KA8TFF, and Derek, ZL1AKJ, through Dennis' 2 meter FM to internet Echolink connection. Dennis, K8SWX, uses a RIGblaster for the radio to computer interface.



Confirming our: QSO SWL report QSL via: _____

DAY	MONTH	YEAR	TO RADIO
10	03	06	MJ-W8JWN
UTC		MHZ	Hello Tom
14:40		7.095	
MODE	RST	YOUR QSO WITH	
LSB	519 ¹⁰	ON3 GSM	

ORN IGRM OSB Please QSL direct or via bureau TNX QSL

ON3GSM
SAEGEMANS GINO
KORTE LINDENSTRAAT 39
9300 AALST
BELGIUM

you are my first QSO as a Ham op.
THANKS FOR THE QSO
Best 73' de: *Gino*

For all QSO reports, our QSL cards are forever!

First QSO as a Ham

Gino's first QSO was with our own Tom Martin, W8JWN, while Tom was on a Dxpediton to the Island of Jersey in March of 2006.

Buy-Sell-Trade

For Sale

ICOM 706MK2G with original box, mic, power cord, manual plus RJ45 to 8pin mic adapter, manual antenna tuner plug, service manual on CD, face plate separation cable and bracket. Excellent Condition. Has general coverage / MARS / CAP 60 m mod. Works and looks new. I recently purchased this from 2nd party. I have never hooked it up or used it.
\$700.00

Pyramid Regulated DC Power Supply, Model: PS-36KX was purchased to use with the Icom 706, but no longer interested...
\$120.00

The Pyramid and the Icom 706 will be sold as a unit.

Randy, kb9zes
715-324-5429
jupiter49801@hotmail.com

Free

Oscilloscope from DeVry Technical Institute. No idea if it works...

Randy, kb9zes
715-324-5429
jupiter49801@hotmail.com

For Sale

RCI-5054dx AM/FM/SSB/CW 6 Meter Amateur Mobile Transceiver
All Mode, 25w PEP, 10w RMS
Freq. Range 50. to 54.
I'll even throw in a mobile 6m antenna. I've had this hooked up in the semi, but never had the patience to sit and operate.
\$300.00 obo

Randy, kb9zes
715-324-5429
jupiter49801@hotmail.com

Wanted

ICOM IC-28H Transceiver
Call or write:
Dennis Royce, K9GIR
673 W. North St.
Eagle Harbor, MI 49950-9658
E-Mail: garoyce@up.net
(906) 289-4251

Free to a Good Home

Two Apple computers with printers. One has a scanner with it. One has Satellite Tracking and Packet software installed. The larger one has two hard drives with Ethernet access.

Bob Meyers, WA8FXQ
meyersb@up.net
(906) 563-8913

Wanted

H.F. Rig - Looking for something like a Kenwood TS-940, TS-430, etc.; Yaesu FT-890, FT-990; most anything to use as a second rig. Would also consider a Tube Type transceiver.

Monte, K9DZD
Channing, MI
(906) 542-3802
k9dzd@ispwest.com

For Sale

Ten Tec 6-meter FM Transceiver, model 1260, 5 watt output, microprocessor controlled w/15 memories, digital frequency display - \$100.00

ARX-2B Ranger II Cushcraft, 135-170 MHz - \$55.00

Bob Uren, KC8TWG
rjuren@chartermi.net
(906) 779-1708

Wanted

Hallicrafters sx-101 receiver (might consider National 300 receivers series also)
Hammarlund HQ-170-180
Collins KWM2 or 2A, or Collins receivers

Monte, K9DZD
(906)542-3802

For Sale

Dentron 160-10 AT antenna tuner. It will handle 600 watts easily. No meters.
Radio Shack 10-meter 25 watt mobile/fixed transceiver HTX-10. Like new condition, works great. \$75.00

Tom Martin, W8JWN
(906)774-5463



New Mexico Funds Emergency Communications Network

New Mexico has allocated \$500,000 to design, construct and install a statewide Amateur Radio emergency communication network. Rep Tom Anderson (R-Bernalillo), KB5YSG, sponsored the funding bill in the 2006 New Mexico legislative session.

"After hurricane Katrina, we've seen firsthand just how valuable Amateur Radio can be in a disaster," Anderson said. "The Gulf Coast hurricanes destroyed communications infrastructure and overwhelmed government resources. It was Amateur Radio operators who helped to save the day."

The state Department of Public Safety will pay for the equipment for Amateur Radio volunteers to use in disasters and emergencies. All of the equipment will be state-owned. Early plans call for the installation of strategically located, interlinked VHF and UHF repeaters to handle both voice and digital communication.

In New Mexico, the potential exists for disastrous wildfires, tornadoes and floods. This year, when range fires broke out near Hobbs, Amateur Radio Emergency Service (ARES) volunteers provided communication support. Over the past several years, radio amateurs in New Mexico have been called upon to support communication during fires, for severe weather spotting (SKYWARN), during public service events and to assist Albuquerque with Hurricane Katrina refugees.

Fires and Local Events Keep New Mexico Hams Busy

April 21, 2006 -- With a dry spring underway, fire season is in full swing in New Mexico, and Amateur Radio operators have been on the front lines. What started out as a small 150 acre fire near Mora on April 12, roared into a 10,000 acre blaze overnight. ARES personnel in Santa Fe, Taos, Los Alamos and Sandoval Counties were placed on alert in the afternoon of April 13. Mora County was in danger, as well, but does not have an ARES support group.

Winds were gusting to more than 35 miles per hour and the humidity hovering under 10%. The fire spread rapidly and evacuations were ordered for Ojo Feliz, Los Huevos, Ocate and numerous ranches in northern New Mexico for what is now called the Ojo Feliz Fire. Investigators believe the fire was human-caused.

Once Gov Bill Richardson signed an Emergency Declaration Order for the affected area, local hams jumped into action. Mike Scales, K5SCA, Gary Surad, K5BIQ, Andrew Parker, KC5ZYF, Jay Miller, WA5WHN, and Don Scott, N5UJT, all from the Sandoval County ARES, went to assist Mora County Red Cross shelters and the New Mexico State Police Mobile Command Center. All traffic was handled via voice through the 147.30 MHz Elk Mountain Repeater, allowing direct communications with Santa Fe and Rio Rancho, or VHF simplex.

By noon on Friday, April 14, the shelters had closed and Amateur Radio operations were suspended, but once again, ARES groups were placed on alert for yet another fire that began near Vaughn, New Mexico (Guadalupe County). Fortunately, fire crews were able to jump on that fire and get it under control quickly.

In addition to the fire, ARES groups from Taos and Los Alamos assisted with safety communications for the annual Pilgrimage to Chimayo. Starting in the darkness before Good Friday (April 14), pilgrims line the highways north of Santa Fe carrying crosses and glow sticks. By Easter Sunday, 65,000 worshipers pass through the doors of El Santuario de Chimayo, a little chapel built almost 200 years ago on a site that is sacred to many Pueblo Indians and descendants of Spanish settlers. Many walked more than 100 miles on the pilgrimage carrying crosses and other religious items. ARES volunteers monitored the pilgrims along the journey that traditionally follows US highway 84/285. Due to construction, the pedestrians had to be detoured through Village of Tesuque.

Grants County Amateur Radio operators were involved in a Search and Rescue mission on April 14, and Sandoval County ARES was involved the week before in a Hazmat spill in Cuba, New Mexico. -- *Charlie Christmann, K5CEC, ARRL PIO, New Mexico Section*

Taken from the ARRL Letter, copyright ARRL.

Severe Weather Ravages Tennessee, Hams Heed the Call to Help

NEWINGTON, CT, Apr 14, 2006--On Friday, April 7, Western Tennessee was ravaged by tornadoes, and once again, Amateur Radio Emergency Service (ARES) volunteers were called on to help provide emergency communication. According to Tennessee Section Emergency Coordinator Jimmy Floyd, NQ4U, more than 70 counties experienced the heavy thunderstorms and tornadoes that swept the western part of the Volunteer State. In all, the National Weather Service (NWS) issued more than 130 weather watches and warnings and reported at least 26 tornadoes. Nearly two dozen counties suffered property damage and loss of life. Twelve people died, and more than 160 others were injured as a result of the severe weather.

By 1 PM local time, the Middle Tennessee Emergency Amateur Radio Society ([MTEARS](#)) repeater system carried numerous reports of severe weather and damage to many areas of the state. According to Floyd, the MTEARS UHF system spans most of Tennessee, with Nashville as its hub. Both the National Weather Service (NWS) and the Tennessee Emergency Management Agency (TEMA) monitor the system. Local television stations monitor ARES and [SKYWARN](#) traffic, as well, he said.

The first tornado watches began in the early afternoon, and by 4:15 PM local time, the Tennessee Section ARES was placed on Alert condition "Charlie." Within 20 minutes, the entire state activated, and hams were monitoring HF and local repeaters, remaining on the air to assist in any way until almost midnight.

During the storms, the NWS in Old Hickory lost power as well as telephone service. NOAA Weather Radio and radar also were unavailable for a time. Amateur Radio volunteers stepped up to the plate, and--thanks to their emergency/disaster training--were able to relay needed information

Wilson County Emergency Coordinator Pete Navarra, K4IWX, works for the county's emergency management agency. He said that because of information relayed via Amateur Radio, his county was able to dispatch three ambulances, two rescue trucks, one fire engine and a host of Community Emergency Response Team ([CERT](#)) search-and-rescue responders and their mobile command post to hard-hit Sumner County.

Amateur Radio also helped to dramatically decrease emergency personnel response times, Navarra said. "It was interesting to hear several calls from the Metro Nashville Office of Emergency Management, Tennessee Emergency Management Agency and other local agencies trying to communicate," he recounted. "Conventional methods of communication did not work--even cell phone service in Wilson County had gone out. Amateur Radio is needed and it works!"

Floyd agreed. "This has been a big test of the ARES system in Tennessee, but rest assured, we will be ready to go when needed."

Taken from the ARRL Letter, copyright ARRL.

FCC Affirms \$21,000 in Fines Levied on Maine Radio Amateur

The FCC has affirmed a total of \$21,000 in fines it proposed last year to levy on Glenn A. Baxter, K1MAN, of Belgrade Lakes, Maine. The FCC's Forfeiture Order (NoF), released March 29, comes nearly 10 months after a Notice of Apparent Liability for Forfeiture (NAL) in the case. The FCC has alleged that Baxter violated several sections of the Part 97 Amateur Service rules.

"The noted violations of the rules involve interference with the ongoing communications of other Amateur Radio stations, failure to exercise station control, transmission of communications in which Baxter had a pecuniary interest, and transmission of communications that constituted impermissible broadcasting," the FCC said. The NoF reiterates specific allegations outlined in the NAL last June.

The FCC also has concluded that Baxter "apparently willfully and repeatedly" failed to file required information pursuant to an Enforcement Bureau directive. In two warning notices in 2004, FCC Special Counsel in the Enforcement Bureau Riley Hollingsworth directed Baxter to provide information on how K1MAN was controlled and the identity of the station's control operator.

"The Boston [FCC] Office found that Mr. Baxter's statements that '[n]o correction actions are necessary' and '[n]o changes are needed with regard to station control' failed to comply with the Bureau's demand for station information, the FCC said in the NoF.

Replying to the June 2005 NAL, Baxter denied any liability for the forfeiture amount, the FCC said. According to the Commission, Baxter cited the fifth and sixth amendments to the US Constitution and requested "all documentation regarding the alleged apparent liability" and "a trial like hearing before the full Commission." Baxter did not submit "any substantive responses" to the alleged violations recited in the NAL, the Commission said.

The FCC denied Baxter's request for a hearing. According to the Communications Act, the FCC said, providing a hearing is at the Commission's discretion, and a hearing is "not normally utilized when only monetary forfeiture matters are involved."

Its procedures, the FCC noted, do not deprive

Baxter of his right to due process, because the Communications Act provides that any forfeitures issued in accordance with its procedures are "ultimately subject to a trial de novo in federal district court" should Baxter not pay the fine beforehand. A licensee's decision to forego presentation of arguments and evidence in response to an NAL "does not create a right to a hearing," the Commission contended in the NoF.

The FCC further noted that the fifth and sixth amendments to the US Constitution "address the rights of defendants in criminal cases" and said Baxter's reliance on those amendments to support his hearing request "is misplaced."

"Baxter received notice regarding the legal and factual bases for the apparent violations and proposed forfeiture and has been afforded an opportunity to respond 'why no such forfeiture penalty should be imposed,'" the FCC said. According to the NoF, Baxter, while denying any liability, "has chosen not to present any specific exculpatory arguments or evidence in response to the violations set forth in the NAL."

Baxter has 30 days from the release of the order to pay the \$21,000 or appeal. If the forfeiture is not paid within that time, the FCC can refer the case to the US Department of Justice for collection. A copy of the NoF is on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-06-663A1.pdf>.

Baxter's Amateur Radio license expired last October 17, but according to the FCC, he has continuing operating authority since he filed a timely renewal. His renewal application remains under review based on complaints filed and on FCC correspondence regarding the operation of his station. The forfeiture action is separate.

For Sale

- Mosley TA-33C HF Triband Beam with Manual
 - Cushcraft 2 Meter Beam with Manual
 - CDR Model CD-Ham II Rotor (has brake) with Controller and Manual
 - 30 or 40 Foot Tower
- All of the above items are on the ground.

Please make offer to:
 Don Schettler, WA8AYG
 901 Blaine
 Iron Mountain, MI 49801
 (906) 774-4337

License Study Materials Available from the ARRL:

Technician Class:

Now You're Talking - 5th edition - Order No. 8810
 \$19.95

ARRL's Tech Q&A - 3rd edition - Order No. 8829
 \$12.95

ARRL Technician Class Video Course - 4th ed.

DVD Course No. 9116
 VHS Course No. 8837
 \$149 each + \$12 s&h

General Class:

ARRL General Class License Manual - 5th ed.

Valid beginning July 1, 2004 - Order No. 9205
 \$16.95

ARRL's General Q&A

Valid beginning July 1, 2004 - Order No. 9213
 \$12.95

Your Introduction to Morse

Code - Pass 5 wpm test
 Cassettes No. 8322
 Audio CD No. 8314
 \$14.95 each

Ham University - Complete

Edition - Learn Morse code with this easy to use software. Includes a written exam quiz generator with all three question pools. CD-ROM for Win95-XP
 Order No. 8735
 \$39.95

Phone: 1-888-277-5289

or

<http://www.arrl.org/catalog/lm/>

<http://www.arrl.org/catalog/8330/>

<http://hamuniversity.com>

Club Equipment List

Tom, W8JWN, has custody of :

- Gin Pole for Rohn tower sections with 100 feet of rope.
- Small TV type rotor and control.
- Dipole antennas for 80, 40, 20, 15 and 10 meters with 50 feet of RG58 coax.
- Various lengths of string for antennas (not very heavy)
- RG8X with double shield (100 feet)
- 3/16 inch single braid Dacron rope (200 feet)
- 20 meter open stub (nulls 40 and 15 meters)
- 40 meter shorted stub (nulls 20 and 10 meters)
- 40 meter shorted stub (nulls 15 meters)
- 6 PL259 silver connectors
- 4 T-adapters for stubs
- 4 UG-176 silver sleeves
- 3 right-angle connectors
- Tri-band beam antenna
- Club banner

Mike, K8DDB, has custody of :

- Lafayette 80-10 meter tube type VFO and Operating Manual.
- J-38 Morse key
- Power supply 0 to +- 32 VDC, 2 amp (rack mount)
- Duplexer (rack mount home brew) 440 MHz?
- Power supply (home brew partially built)
- Multimeter—Military ME-26D/U by Sentinel Electronics, Inc.

Bob, KC8TWG, has custody of :

- 40 foot tower (in process of refurbishing)

The list can be accessed by a link on the Membership page of our web site:

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

If you have custody of any club equipment, please notify Mike, K8DDB, of what you have. Also, notify Mike when you give custody of the equipment to another member.

Email: mikebray@chartermi.net
or
Phone (906) 563-7020

U.P. Hamfest 2006

Make plans now to attend U.P. Hamfest 2006 on August 5th at Escanaba. The Hamfest is sponsored by the Delta County Amateur Radio Society and Bay de Noc College. Events include Swap & Shop, Meetings and Door Prizes.

The Hamfest will be located at the Joseph Heiman University center at Bay de Noc College. The college is on the North end of Escanaba along the combined highways of US2 and 41 and M35.

Directions from the North or East: After crossing the Escanaba River, turn right at the second traffic light (Danforth Road), travel one block and turn right into Parking Lot D.

Directions from the South or West: US2 and 41 combine with M35 in Escanaba. Take M35 North until passing under the viaduct, turn left at the first traffic light onto Danforth Road, travel one block and turn right into Parking Lot D.

GPS coordinates are N45 Degrees 46.226 Minutes and W87 Degrees 5.087 Minutes.

Talk in on the 147.150 repeater.

Hamfest information can be found on the DCARS website: <http://www.dcars.org>

Contact Hamfest Chairman, John Anderson for information or table reservations at wd8rth@dcars.org

New APRS Node in Norway

Pat, KC8EMF, and Bill, WA8WG, have installed a new APRS node on Norway Hill in Norway. For more information contact Pat at pservia@norwaymi.com

For Sale

2 Meter Mobile Transceivers:

- Icom IC-28A w/mic \$125
- Kenwood TM-241A w/mic \$110
- Kenwood TM-261 w/mic \$80
- Kenwood TR-7400 w/mic \$95
- Icom IC-2000H w/mic \$140

Bob Uren, KC8TWG
rjuren@chartermi.net
(906) 779-1708

CCRAA Swap and Shop

CCRAA SWAP & SHOP

APRIL 29, 2006 9:00 AM - Noon

CHASSELL VFW HALL

MID-TOWN CHASSELL

Set-up Friday night at 6 PM if Needed

ENTRANCE FEE \$3.00

1/2 Table \$3.00, Full Table \$5.00

Ladies VFW sales of Hot Dogs, Bakery, Coffee

73, Glenn Ekdahl, WA8QNF

Home 482-7743, Cell 369-2461

The U.P. Ham Directories will be available at that time, too! Hope you reserved a copy? We still have a few left, if anyone is interested? Call or write: George, W8FWG at (906) 337-2542, or E-Mail at : w8fwg@arrl.net \$3.00/copy, and about \$2.25 postage if we have to mail them. Save the mailing cost by picking one up at Chassell, or have some club member pick one up for you. It is bigger and better than ever this year!

73, Geo., W8FWG

Storm Spotter Training

Even with Doppler weather radar and advanced weather satellites, there is a need for storm spotters. The radar and satellites help meteorologists detect storm features often associated with severe thunderstorms and tornadoes, but radar and satellites do not by themselves provide ground-based reports of cloud features, hail size, thunderstorm wind speeds, and tornado touchdowns. Storm spotters provide emergency managers and weather forecasters with these vital, real-time observations of tornadoes, hail, damaging wind, flooding, and winter storm.

Storm spotter training provides initial instruction for new spotters and refresher training for experienced spotters. The training focuses on safety, the observational aspects of storm structure and evolution, and reporting criteria and procedures. To become a storm spotter and to stay current with the latest science, techniques and procedures, new spotters as well as veteran spotters should attend a spotter training session. The training is presented by National Weather Service personnel based in Marquette, Michigan. NWS training classes typically last about 2 hours. Advance reservations are not required, and there is no charge for the training.

A storm spotter training session will be held on May 10, 2006 - 6:30 CDT at the Dickinson County Correctional Center, Lower Level of Sheriff's Office. For more information contact: Matthew Zika, Matthew.Zika@noaa.gov

April 11 Meeting Minutes

(Continued from page 1)

Repeater Report:

Lee, N8LT, reported that materials will need to be purchased for the relocation of the 2-meter repeater antenna on the WE Energies tower. Lee and Bob, KC8TWG, will purchase the necessary materials and bill the repeater account.

ARES:

The ARES net has been doing OK. The Tuesday Night Net has been inactive for a while, but Dennis plans to get it going again. Dennis announced that he has a link to Echolink on 146.555 MHz at his home station and asked permission to use his link on the 146.850 repeater on weekends. He will monitor Echolink activity and will disable the link if necessary. The club agreed to try it for a month. The club still has an account with CallingPost.com for Skywarn or ARES callout.

Old Business:

Tom, W8JWN, will purchase an XL safety harness for the club at a cost of about \$200. Motion to approve the expense was made by Mike, N9NBN and seconded by Burt, WB8EBS and approved by those in attendance.

Skip, KE9L, reported that all Tech class students that took the exam (eight of them), passed. Congratulations to the students and instructors. Tom requested contact info for the students from Bob, WA8FXQ, so he could welcome them to ham radio.

Tom will contact Scott Celeslo, Dickinson County Office of Emergency Services, about the club's willingness to provide emergency communications during disaster and emergency situations.

New Business:

Mike, K8DDB, announced that Paul Hintz has been in the hospital for 3 weeks with pneumonia and a touch of heart failure. Paul and Carol will be moving to Victorian Pines assisted living soon and Paul wants to sell his Atlas 210X transceiver and HF wire antenna. Mike passed a get well card for all to sign.

Mike, K8DDB, wants to turn over the editor's job of the club newsletter to someone willing to do it. Mike also encouraged club members to help out the new editor by submitting material for publication. If no one volunteers by July, the

newsletter will no longer be published.

Tom solicited members for various Field Day activities. Committees will be essentially the same as last year. Field Day takes place on the fourth full weekend in June (June 24 and 25 this year) and will be held at Marion Park in Norway. A more detailed planning meeting will be held following our May 9th business meeting.

Dave Palmgren, N8DP, of the Delta County Amateur Radio Society handed out a flier announcing the UP Hamfest 2006 to be held in Escanaba on August 5th.

Adjournment:

The meeting was adjourned at 7:41 PM.

Submitted by: Mike Bray

Attendees:

Mike Bray, K8DDB (Secretary)
Skip Caswell, KE9L
Sheila Caswell (guest)
Burt Armbrust Sr, WB8EBS
Tom Martin, W8JWN (President)
Terry Moriarity, KB9ZER
Mike Boileau, N9NBN (Vice President)
Lee Michaud, N8LT
Lance Collins, KC9IGI (guest)
Scott Jarmusch, KA8TFF (guest)
Robert Olson (guest)
Dennis Beurjey, K8SWX (Treasurer)
Dave Palmgren, N8DP (guest, DCARS)
Bob Meyers, WA8FXQ

Wanted

Alinco, DR1200T 2M transceiver

I'm looking for an Alinco DR-1200T transceiver in good operating condition, that I can use for my portable packet station. I'm just getting into APRS now, and I need a good portable station not only for trouble shooting, but for APRS use.

George R. Thurner, W8FWG
225 Kearsarge Street
Laurium, MI 49913-2109
(906) 337-2542
w8fwg@arll.net

Club Apparel:

Our club apparel is supplied by:

Shirt Tails
408 S Stephenson Ave.
Iron Mountain, MI 49801

Phone: (906)774-3370
or
finleyd@up.net

Prices:

Jacket with liner \$45
(Tall add \$5, 2X or 3X add \$5,
to add your name or call sign
on the front is \$5)

T-Shirt - \$10
(2X or 3X add \$1)
Sweatshirt - \$16
(2X or 3X add \$2)

If you wish to have the club logo printed on an item of clothing that you have purchased elsewhere, there is charge of \$6.

Club patches are available from:

Tom Martin, W8JWN
812 West B Street
Iron Mountain, MI 49801

They are 3 inches in diameter and sell for \$3.00 each. If ordering by mail, please include a SASE along with your payment.



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 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.

**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: May 6, 2006
Exam Date: Aug 5, 2006
Exam Date: Nov 4, 2006
Exam Date: Feb 3, 2007

Examinees should bring 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), 1 photo ID (usually a driver's license) and 1 other ID. (usually a birth certificate or SS card), a calculator if needed (make sure your memories are cleaned out), and the test fee (2006 fee is \$14).

Mich-A-Con RF is published by the Mich-A-Con Amateur Radio Club of Iron Mountain.

Items for Mich-A-Con RF should be in the editor's hands by club meeting day (2nd Tuesday of the month) to be included in that month's edition. Please consider writing an article related to Amateur Radio to share with your fellow members. Send the article in plain text and attach any photos, etc., don't worry about format, that's the editor's job.

Send to:
mikebray@chartermi.net
(906) 563-7020

Permission is hereby granted for the reproduction of material found in Mich-A-Con RF unless otherwise noted, provided that proper credit is given to the author and Mich-A-Con ARC.

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.

Mich-A-Con RF

Mich-A-Con ARC
c/o Michael F. Bray
W3821 Waucedah Road
Vulcan, MI 49892-8483

Mich-A-Con RF

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@netnet.net

Secretary:

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

Treasurer:

Dennis Beurjey, K8SWX
(906) 771-1996
d Beurjey@msn.com

Reminders

Club dues for the year 2006 were payable on January 1st. Please use the Membership Application/Renewal form on page 9 of this newsletter. Checks should be made payable to Mich-A-Con ARC and sent to our Treasurer, Dennis Beurjey, K8SWX, at the address listed on the form. Thank you for supporting our club!

The monthly meeting for May is on TUESDAY the 9th at 6:30 PM in the Grace United Methodist Church, 721 Norway Street, Norway, Michigan. (Upstairs in the room next to the sanctuary.)

This newsletter needs the active participation of club members if it is to survive. Please send news items, articles and photos. The deadline for submitting material is the second Tuesday of the month. The newsletter is published during the following week.