

Mich-A-Con RF

Iron Mountain, Michigan

July 2006

Steve Skauge KD8CCP

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Thank-You Mike Bray
K8DDB

Pictures from Field Day 2006

I am a relatively new HAM and have never experienced Field Day so when I caught on to the excitement that seemed to be going on with the planning and preparation at our club meeting, I decided I should check out this event. I learned from the meeting that Field Day was a great chance for everyone to get on the radio and learn what amateur radio is all about. I found out that I would be able to try out all kinds of communications and equipment that I only dream about owning and operating right now. Sounds like fun to me!

I had kind of a long day at work so I decided I would just "stop by" for a little while and see what all the guys were doing at our Field Day Event. I drove out to the park and pulled in.... looking for our set up area.... there it is... the 40 foot tower painted orange and white just calling everyone over to see what is going on. (Bob, KC8TWG told me I would be able to spot it!) I pulled up and parked noting that our club had set up an informational area under the pavilion...we also have a camper parked close by... and looking to the sky.... a bunch of antennas strung up in the trees. I understand Lee (N8LT) shoots a mean wrist rocket! Dennis, (K8SWX) even brought his new portable tripod setup too.

I strolled around the area and got the grand tour from the guys... the 40 foot tower was held in place by the camper! A plate was welded on the base of the tower and the camper is parked on the tower base... ingenuity at work. I next stopped by to talk to Tom (W8JWN). He showed me how RTTY works... here we are out in a park on battery power.... looking at a laptop hooked to a radio and getting a bulletin from W1AW! (See the actual bulletin in this newsletter.)

Mike (K8DDB) showed me the packet and cw radio equipment the club was operating. I am now inspired to learn the code, one of the toughest things about amateur radio in my opinion.

My next stop was under the pavilion ... Terry (KB9ZER) told me I should try out the GOTA

station. I have to admit I was very apprehensive. I am just getting comfortable on 2-meter and now I am going to be talking to people around the country? Lee (N8LT) came over and sat down with me and Bob (KD8DJN) to help us make some contacts. (I was happy Lee was there just to explain what all the buttons on this rig did!)

We worked stations all over the country and I was just amazed that I was talking to people in New York, Washington D.C. Minnesota, Pennsylvania, Indiana, Ohio, Ontario and many more! Lee showed me how to tune in a station and explained that when I hear the voice in a low tone they get my voice back as a high tone... thus they may not hear it at all because the low tones tend to be easier to hear. We fine tune a station and call out and make a contact!

Mike (N9NBN) took over with us after some time and we made many more contacts. I was amazed at the different ways the two guys make contacts. Lee likes to start at the top of the band and had us work down slowly tuning in a station... very effective. Mike had us tune faster... listening for the unique noise telling us we were near a station....bringing him in ... making contact and moving on... equally effective!

I did have to work again on Sunday morning so I did not stay the night.... as a matter of fact I suddenly realized that it was after midnight! TIME FLIES WHEN YOUR HAVING FUN!

I feel I learned more in the few hours I was able to participate in Field Day than I learned so far in this awesome hobby, and I thank all the club members for the work and planning that went into the event. I cannot wait for next year!!! I plan to stay up all night!

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

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Bob (KD8DJN) & Dennis (K8SWX) Set up Mobile Antenna Equipment



Lee (N8LT) Works on Field Day Setup 2006



Mike (N9NBN) Looks on as Terry (KB9ZER) makes contacts while Bob (KC8TWG) supervises!



Bob (KC8TWG) and Tom (W8JWN) Work the RTTY station.

RTTY BULLETIN FROM W1AW

Tom (W8JWN) manned the RTTY station during the 2006 Field Day Event. Tom made many contacts and even copied a bulletin from W1AW on his laptop. The actual copied file is shown below. RTTY is still used for digital contesting and DXing. Tom adds that he uses RTTY often.

SB SPCL ARL ARLX003

ARLX003 2006 W1AW FIELD DAY BULLETIN

THOUGH MAIN STREET USA HAS CHANGED IN THE LAST CENTURY, THE MAGIC OF AMATEUR RADIO STILL EXISTS. FIELD DAY IS THE PERFECT TIME FOR THE AMATEUR RADIO COMMUNITY TO DEMONSTRATE THAT IT IS STILL A VIABLE SERVICE IN THE TWENTY FIRST CENTURY.

RECRUITING POTENTIAL RADIO AMATEURS AND DEMONSTRATING OUR EMERGENCY COMMUNICATIONS CAPABILITY ARE JUST TWO OF THE CORE THEMES OF THIS ANNUAL ON THE AIR OPERATING EVENT

THE NEW GOTA COACH FEATURE IS A GOOD WAY TO ELMER NEW OPERATORS AND HELP BUILD ENTHUSIASM.

DO NOT GET CAUGHT UP IN THE CHASE FOR POINTS DURING THIS ACTIVITY. RATHER, GET CAUGHT UP IN BRINGING THIS GREAT HOBBY TO THE NEXT GENERATION OF OPERATORS.

PLEASE NOTE THAT THERE COULD BE ARIZONA WILDFIRE-RELATED EMERGENCY TRAFFIC ON 40 AND 75 METERS SO BE SURE TO LISTEN BEFORE

TRANSMITTING. MORE INFORMATION ON THIS IS AVAILABBE ON THE ARRL WEB.

THE DEADLINE FOR SUBMISSION OF YOUR FIELD DAY REPORT IS JULY 25. ENJOY THE WEEKEND AND LEARN SOMETHING NEW. GOOD LUCK AND 73.

**GL DE W1AWW
THIS IS ARRL HEADQUARTERS STATION W1AW IN NEWINGTON CT**

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FIELD DAY REPORT FOR 2006

Mike (K8DDB) submitted the following Field Day Report for 2006. Mike noted the event was a great success and we did even better than last year.

ARRL Field Day

1. Field Day Call Used: KC8VC GOTA Station Call:
N8LT

2. Club or Group Name: Mich-A-Con Amateur Radio Club

3. Number of Participants: 12

4. Number of transmitters in simultaneous operation: 2

5. Entry Class: Check only one.

X A. Club or non-club portable

B. 1 or 2 person non-club group portable

List calls of operators:

C. Mobile

D. Home station commercial power

E. Home station emergency power

6. Check All power sources used.

X Generator

Commercial mains

X Battery

X Other (list) - Solar power for bonus points

7. ARRL / RAC Section: MI

8. Total CW QSO's: 233 X 2 = Total CW QSO points: 466

9. Total Digital QSO's: 37 X 2 = Total Digital QSO points:
74

10. Total Phone QSO's: 390 X 1 = Total Phone QSO points:
390

11. Total QSO points: 930

12. Power Multiplier (select only one)

5 Watts or less and Battery powered = 5

X 150 Watts or less = 2

Over 150 Watts = 1

13. Power Multiplier: 2

14. Claimed Score: 1860

15. Bonus points claimed: Please check each block as appropriate and include required proof of points with your submission. All bonus points will be verified at ARRL HQ and added to your score.

X 100% Emergency power

200

X Media Publicity	100
X Set-up in Public Place	100
X Information Booth	100
NTS message to ARRL SM/SEC	
X W1AW Field Day Message	100
X Formal NTS messages handled (# 11)	100
Satellite QSO completed	
X Natural Power QSO's Completed	100
X Site Visited by invited officials	
Elected Government Official	100
Representative of agency	100
X GOTA maximum QSO's achieved	50
Non-Traditional mode:	
Youth Participation (#)	
X Web Submission	50

Total Bonus Points Claimed: 1100

16. I/We have observed all competition rules as well as all regulations for amateur radio in my/our country. My/our report is correct and true to the best of my/our knowledge. I/We agree to be bound by the decisions of the ARRL Awards Committee.

Date: 06-30-2006

Call: KC8VC

Signature: Michael F. Bray, K8DDB

Address: W3821 Waucedah Road

Address: Vulcan, MI 49892-8483

E-Mail Address: mikebray@chartermi.net

	CW		Digital		Phone	
	QSO	Power	QSO	Power	QSO	Power
160	0	150	0	150	0	150
80	22	150	0	150	60	150
40	90	150	0	150	103	150
20	76	150	37	150	63	150
15	45	150	0	150	43	150
10	0	150	0	150	0	150
6	0	150	0	150	4	150
2	0	150	0	150	0	150
1.25	0	150	0	150	0	150
70	0	150	0	150	0	150
33	0	150	0	150	0	150
23	0	150	0	150	0	150
GOTA	0	150	0	150	117	150
Totals	233	CW	37	Dig	390	Phone

18. List all callsigns of all operators and number of QSO's completed
of the GOTA Station: KB9ZER, 58; KC8TWG, 22;
KD8CCP, 32; K8SWX, 3; KD8DJN, 2

Words from the President for July 2006

Words from the President for July 2006

I know that most of you reading these “words” are familiar with the yearly Spring Cleaning chores around the house, basement, garage, etc. Each spring, sometimes later than spring, or maybe even earlier than spring, we attack the before mentioned areas with great zeal and determination. Our purpose is to rid those areas of unnecessary items, to create a tidy space, and to remove any dust, grime, and dirt from sight. It was with this in mind that my XYL and I attacked the garage.

The following is not to be construed as the actual dialogue but it is somewhat close to what was uttered:

ANN: Why do you need this pipe?

TOM: It’s for an antenna.

ANN: Do you need all of these pieces?

TOM: Yes.

ANN: Let’s put all of them in an orderly fashion.

TOM: They looked orderly to me.

ANN: You just throw things up here (referring to the garage rafters) any old way and you think it’s neat!

TOM: (Under breath) OK.

ANN: Why do you have all of these little

pieces of wire up here? Do you really need them? Are you ever going to use them?

TOM: You never know when you will need an 18” piece of #14 enameled copper wire. It may be this month or two years from now. Did I ever tell you the story of the crystal that I had kept from 1959, through my college years, through the Viet Nam War, through at least ten moves, and through two marriages? Well, Mike Bray was looking for that very crystal awhile back and I had it!!! Now, if I’d thrown that away he would be still looking. I came to the rescue.

ANN: You’ve told me that story every time, whenever I wanted you to get rid of some ham stuff. Do you think that it still works?

TOM: Uh, (long pause)

ANN: OK, fine. Now, what is all of this cable for?

Mich-A-Con Amateur Radio Club Minutes of the July 11, 2006 Meeting

The meeting was called to order by President Tom Martin, W8JWN, at 6:31 PM.

Secretary Report:

The minutes of the June 13th meeting were read and approved.

Treasurer Report:

The Treasurer was absent from the meeting, but provided this information to the secretary the following day: Account balances not available. Dennis has been working with the Miller Agency to have a permanent rider added for the use of Marion Park with all the necessary language to hold the City of Norway harmless for any claims as a result of the club's use of the facility. Cost of the rider is estimated at \$32 per year. The reason for the fluctuations in WE Energies billing for the Metropolitan site is the bi-monthly estimated readings. There is a minimum facilities charge of \$15 per month, so that although a monthly bill may be lower than this, the average will not be lower than \$15.

Repeater Report:

Lee, N8LT, reported that the repeater noise problem has apparently been resolved by the tower work done by Bob Meyers in early May.

Old Business:

ARES:

Tom, W8JWN, requested that ARES members return completed forms to him as soon as possible.

Photos are still needed of some members for the photo IDs.

Tom, W8JWN, reported that Jon's Signs does not have the magnetic signs ready yet.

It was decided that the ARES EC will be responsible for the distribution of the signs to ARES members and for their return when a member resigns. The EC should also take spare signs to an ARES response scene for distribution to other volunteers that he may want to enlist.

Field Day Critique:

Mike, K8DDB, summarized the results of Field Day 2006.

Mike, K8DDB, will write thank you letters to this year's contributors.

Tom, W8JWN, will try to locate a rotor and controller suitable for the club's tri-band antenna.

We need a new 40 meter antenna for next year.

We need to bring two step ladders for the assembly of the beam to the tower.

We need to come up with a less hazardous way of raising and lowering the tower.

We need to weld heavy plate to the tops of the guy stakes to prevent mushrooming.

We will send a thank you letter to Paul Hintz for the donation of his multi-band antenna to the club.

New Business:

Scott Ceello, Dickinson County Emergency Services, will try to obtain funds to provide the club with an emergency generator. Steve Skauge, KD8CCP, provided Tom, W8JWN, with a price quote of \$1,650 for a Honda EU3000IS 3,000 watt generator with wheel kit and charger kit. Retail price for the generator alone is \$1,999.95. Tom will test the generator for RF hash before presenting the quote to Scott.

The club picnic will take place at 6:00 PM, Tuesday, August 8 at the Cowboy Lake Pavilion in Kingsford. Tom, W8JWN, will check on the availability of the pavilion and will provide drinks from funds left over from Field Day. Attendees are to bring their own food and utensils. There will be no business meeting in August.

Adjournment:

The meeting was adjourned at 7:38 PM.

Submitted by: Mike Bray

Attendees:

Mike Bray, K8DDB (Secretary)

Lee Michaud, N8LT

Bob Uren, KC8TWG

Cliff Haycock, KD4ZBP (guest)

Tom Martin, W8JWN (President)

Bob Olson, KD8DJN

Scott Jarmusch, KA8TFF

Steve Skauge, KD8CCP

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of our Repeaters? The 2-Meter repeater can be used with permission and the 440 repeater is for club use only. The auto patch can be used for making local phone calls from your radio. Remember that you can make calls for most things.... even order pizza, but it is not to be used for business purposes. Here is what to do:

- **LISTEN.** If the repeater is open proceed.
- Key up the repeater and identify yourself. IE: "This is KD8CCP Accessing Auto Patch."
- **Push the transmit key and press the * key.** This should give you a dial tone.
- Push the transmit key again and dial as normal. Talk as you normally would on air but remember to tell the person called you are on the air.
- Inform the called party to pause when you are talking because you will not be able to hear them while transmitting.
- When you are done with the conversation **push the transmit key again and push the # key.** This releases the repeater.
- Identify yourself and release the repeater.

Now its your turn. Next time you are on the air and it seems quiet... experiment ... try out the Auto Patch. It is important for all HAMS to be familiar with the auto patch procedures for emergency use too!

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CLUB EQUIPMENT LIST

TOM MARTIN W8JWN has custody of the following club equipment:

- 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 ft).
- 3/16 Single Braid Dacron rope (200 ft).
- 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.
- Hygain tri-band beam antenna.
- G5RV antenna.
- Club banner.

MIKE BRAY K8DDB has custody of the following club equipment:

- 40 foot light tower.
- Lafayette 80 - 10 meter tube type VFO #99-2501 with operating manual.
- J-38 Morse code straight key.
- Lambda model LT-2095A-1583 power supply 0 to +-32VDC, 2 amp (rack mount).
- Multi-meter ME-26D/U (old military type) by Sentinel Electronics, Inc.
- Power supply (partially built - home brew).
- Duplexer (rack mount - home brew) TX and RX cans- possibly 440 MHz.

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PICTURE CREDITS

The pictures in this months newsletter were furnished by Cliff Haycock (KD4ZBP). Thank-you for making our Field Day memorable.

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 editors hands by club meeting day (2nd Tuesday of the month) to be included in that month's edition. Please consider writing and article related to Amateur Radio to share with your fellow members. Send the article in plain text and attach any photos, etc., do not worry about the format, that's the editor's job.

Send to: sjsace@sbcglobal.net
(906) 779-5720

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AUGUST CLUB MEETING PROMISES TO BE A REAL PICNIC

The annual Mich-A-Con club picnic is scheduled for August 8th, 2006. The picnic will be held at the Cowboy Lake Pavilion in Kingsford again this year. Tom (W8JWN) noted that drinks will be provided by the left over Field Day Funds. Bring your own food and utensils! Mike (K8DDB) noted that there will not be a business meeting in August.

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MORE PICTURES COMING!

Mike (N9NBN) dropped off two more CDs loaded with more exciting Field Day photos. I will be running many of them in future editions of the newsletter and will pass them on to Mike (K8DDB) for web publishing. Thanks Mike (N9NBN) for the memories!

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AMAZING 2-METER CONTACTS

I was on the way home from storm spotting on July 15th and had my 2-meter rig in my truck on scan. I had a hit on 146.760. I was amazed to hear a guy in Central Wisconsin talking to a HT on a bike in Milwaukee using only a 1/2 watt. Then the real excitement started as people from all over started "checking in". Brainard Minnesota, Iowa, North Dakota were all checking in and talking as though they were simply on the other side of town on a simplex station! The stations talked for about twenty minutes and then ... static.

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CLUB PROJECTS

A group of the members were talking after the meeting the other night and the subject of club projects came up. We all know the summer is busy and full of excitement but the winter months may offer us an opportunity to get together for some club projects. Anyone with ideas or interests for projects should email me (sjsacc@sbglobal.net) or simply let us know at the next club meeting.

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U.P. Hamfest 2006

Remember: The U.P. Hamfest 2006 is on August 5th in Escanaba. The Delta County Amateur Radio Society and Bay de Noc College is sponsoring the events which includes a Swap & Shop, Meetings and Door Prizes. Hamfest information can be found on the DCARS website: <http://www.dcars.org>.

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A SPECIAL THANK-YOU

I just want to thank Mike Bray (K8DDB) for helping me with this newsletter. Mike has worked on the club newsletter for years and invited me over to his house for "training" when I agreed to take over the duty. I told Mike that I have very big shoes to fill this newsletter has traditionally been great. Mike gave me all the technical info I needed to do the newsletter and an extra very important piece of advice... make the newsletter "yours". I will always try to uphold the quality of this club newsletter and I encourage each and every member to contribute to "your" newsletter. I always found the information Mike would put in this letter each month was valuable and a great insight to the wonderful world of amateur radio.

I hope I can fill your shoes Mike!

Steve
KD8CCP
Editor



Mike Bray (K8DDB) Makes contacts on Field Day 2006

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Exam Schedule

Mich-A-Con ARC Activities for August 2006						
SUN	MON	TUE	WED	THUR	FRI	SAT
		1	2	3 ARES	4	5
6 UPSN	7	8 PICNIC	9	10 ARES	11	12
13 UPSN	14	15	16	17 ARES	18	19 BREAK FAST
20 UPSN	21	22	23	24 ARES	25	26
27 UPSN	28	29	30	31 ARES		

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: Aug 5, 2006
 Exam Date: Nov 4, 2006
 Exam Date: Feb 3, 2007
 Exam Date: May 5, 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 drivers 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).

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. This is to replace the Tuesday Night Net which did not have much activity. 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).

Annual Picnic: The club annual picnic will be held at Cowboy Lake on August 8th at 6:00 PM. No Business meeting this month.

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?

VEC TESTING AT IRON RIVER

The Iron River Amateur Radio Club VEC makes exams available on a monthly basis on the 3rd Thursday of the month, prior to the start of their club meeting. Examinations must be arranged before hand. Exam time 6:30 PM (central time). Place: Iron River Lutheran Church (on US-2) next to McDonalds. Contact: Dan Waters, AA9G. (906) 265-4240
dmwaters@ironriver.tv

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	PI 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.

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New Michigan Section Web Site

Dan, KB6NU, recently announced that we now have a Michigan section website! Dan is the ARRL Michigan Affiliated Club Coordinator. The URL for the Michigan Section Site is : <http://www.arrl-mi.org/>. Be sure to check out this new site!

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MORE TESTING DATES AND LOCATIONS ANNOUNCED:

Local clubs have announced testing times and locations for the upcoming months. The Hiawatha ARA club will sponsor testing on September 9TH at 8:30 AM in Negaunee Michigan. Walk-ins are allowed. Contact Richard Schwenke at (906)249-3837 or via email at N8GBA@CHARTERML.NET. VEC: ARRL/VEC. Location: Marquette County Health Department Building, 184 US 41 E next to the Michigan State Police Building, Negaunee Michigan.

On October 14th 2006 the Delta County ARS will be conducting testing at 9:00 AM and will allow walk-ins. Contact Lysle Elder at (906)789-1543 or via email at HAMBONE@UPLOGON.COM. VEC: ARRL/VEC. Location: Bay De Noc Community College Health and Applied Sciences Building in Escanaba Michigan. From US@&41 turn W to Danforth Parking Lot "D".

On October 14th 2006 the HARC/CCRAA will be conducting testing at 8:30 AM and will also allow walk-ins. Contact: George Thurner (906) 337-2542. Email: W8FWG@ARRL.NET VEC: ARRL/VEC
Location:
Michigan Tech University
US HWY 41 Wadsworth Residence Hall. East end of Campus.
Room Number G04W
Houghton, Mi. 49931

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
\$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
<http://www.arrl.org/catalog/lm/>
<http://hamuniversity.com>

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 a charge of \$6.

Club patches are available from:

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

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

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. Please use the Membership Application/Renewal form in this newsletter when paying your dues. 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 your club!

The monthly meeting for August will be at Cowboy Lake at 6:00 P.M. for the annual picnic. This is a bring your own event.

