



The Feedline

“W9JZ – SERVING AMATEUR RADIO SINCE 1933”

Volume 27, Number 9

Club Information

2006 FLARC Officers

Frederick Baguhn W9GOC - President
John Steffi WZ9I - Vice President
Gary Muskat KA9SRM - Secretary
Don Michalski W9IXG - Treasurer

Board Members at Large

Steven Elliott, W9RAL
One Position Open
Doug Ward, W9DCQ

CALENDAR OF CLUB EVENTS, etc.

Our club meetings are held the third Tuesday of the month at the Red Cross building in Madison, 4860 Sheboygan Avenue. Regular meetings start with the business meeting at 7:30 PM, followed by the program unless otherwise noted. Times and location are subject to change, with prior notice.

Saturday morning “Zilch” locations

- The Eastside Zilch (ham breakfasts) are at 7:30 AM at the Green Lantern on the west end of Siggelkow Road in McFarland.
- The Westside Zilch is at 10:00 AM at Village Green at 7508 Hubbard Ave. in Middleton. See you there.

Madison Area InfoNet

Thursday evenings on 147.15 at 8 PM; 146.76 is the backup frequency. Traffic and check-ins are welcome.

Madison Ham Web Page

Website is at <http://www.qsl.net/flarc>. Keep checking the links page for new goodies!

Meeting dates and programs

- September meeting - September 19, 2006, 7:30 pm, and place to-be-determined. We shall let you know. Space Place, 2300 South Park Street, in the Villager Mall

The Prez Says

Greetings to all!

Thank you to all who participated in the August Fox Hunt that was held in lieu of our regular general meeting.

The fox hole chosen for the 2006 Official Fox Hunt proved to be a worthy challenge. John WZ9I, Carol KC9GPG and Carolyn KC9HHX were concealed at the Dane County Social Services facility on Northport Drive. The first Hunters to arrive were Don W9IXG and Bill K9ITW who were using Doppler equipment, with a hunting/travel time of 47 minutes.

The second Hunter team to arrive was the team of Joe W9YHF and CJ KC4UYL, who located the fox in 1 hour and 18 minutes. Successful hunter team #3 of Brad WB9WHI and Kevin K9EV arrived a scant minute later for a time of 1 hour 19 minutes. The team of Steve W9RAL and Patrick N9JGD found the hidden foxes in 1 hour 29 minutes.

The second Doppler team of SarahElizabeth WA9SE, Betsy WN9GOC and Frederick W9GOC eventually managed to get to a very patient fox team after the full two hours had elapsed, having by then seen much more of the county than all of the other teams combined. ☺

Congratulations again to Don and Bill, who consistently demonstrate that their proficiency is no accident; and all of the non-Doppler teams can justifiably brag that they successfully bested half of the Doppler-equipped teams in the competition!

The topic of September's general meeting (Tuesday, September 19th) will be a program on D-Star, presented by Mark WB9QZB. D-STAR is a digital protocol developed by the Japanese

government and Japanese Amateur Radio League. Icom is the first manufacturer to manufacture D-STAR-compatible radios, although the protocol is open to anyone.

D-STAR enables simultaneous digital voice and data transmission. At present, digital voice can be sent on 144, 440 & 1.2 GHz (4800 bps) concurrently with low speed asynchronous data (950 bps) in a narrow 6.25 KHz channel. High speed data (128 kbps) can be sent concurrently using TCP/IP on 1.2 GHz in a 130 KHz channel.

NOTE: This month's meeting will again be held at Space Place, 2300 South Park Street, in the Villager Mall. This location is a short walk from the Madison Metro South Transfer point on South Park Street, and has ample parking available in the Mall parking lot. One of the topics to be considered in this month's business meeting is a proposal to move our general meeting venue to the Space Place location (instead of the Red Cross location) - - please attend the meeting and voice your informed opinion on this important topic!

Upcoming activities - -

- Technician class at Space Place the weekend of the 16th-17th of September, with VE testing on Sunday afternoon (18th) starting about 2:00 PM.
- October 21-22 brings the Jamboree on the Air where we hope to offer the area Scouts a chance to talk to Scouts via ham radio. Details on location are still being worked out, but we'll be looking for hams to help, either on site or as over-the-air contacts.

73, Frederick

News and Stories

FELONIES, ALLEGED CORPORATE MISDEEDS COULD COST RADIO AMATEUR HIS LICENSE

The FCC has ordered an Indiana commercial and Amateur Radio license holder, Timothy M. Doty, WB9MCD, of W Terre Haute, and a Land Mobile

Service (LMS) company in which he's a principal to show cause why their respective licenses should not be revoked. In an Order to Show Cause released August 30, the FCC said it received information last year suggesting that Commercial Radio Service Inc (CRS) "may not have properly disclosed information" about Doty's felony convictions in applications it filed with the Commission.

"The character of the applicant is among those factors that the Commission considers in its review of applications to determine whether the applicant has the requisite qualifications to be a Commission licensee," the FCC said in the show cause order. Felony convictions "raise potential questions regarding a licensee's qualifications," the FCC said. "Similarly, because of the extent of his ownership and control of CRS, Mr. Doty's felony convictions also raise serious questions about the character qualifications of CRS to be and remain a Commission licensee."

The FCC said CRS's response to a letter of inquiry it had sent last May determined that Doty has been a director and 50 percent shareholder of CRS, and, until last May, a CRS officer. CRS holds licenses for four Private LMS stations and one Commercial LMS station. Doty holds a General Radiotelephone Operator license in addition to his ham ticket. All of the licenses are in jeopardy.

The Commission said publicly available records show that Doty was convicted in federal court of a felony that involved manufacture and possession of unauthorized satellite TV descrambling devices. He received three years' probation and a \$2000 fine in that case, the FCC said in the Order. In addition, the FCC said, publicly available records indicated Doty was found guilty in state court on a felony count of possessing a controlled substance. For that conviction, he was sentenced to 18 months' incarceration with all but 30 days suspended, the FCC said in the Order.

Subsequent to his federal and state felony convictions, the FCC asserts, CRS failed to reveal that the applicant or any party directly or indirectly controlling the applicant had ever been convicted of a felony in state or federal court.

The FCC said misrepresentation and lack of candor "raise immediate concerns as to whether a licensee will be truthful in future dealings with the Commission." CRS, the FCC maintained, should have revealed Doty's felony convictions in its Commission filings. "The Commission may revoke the license of a licensee who deliberately makes misrepresentations or lacks candor in dealing with the agency because he or she lacks the basic character qualifications to hold the license," the FCC said.

Assuming that CRS and Doty respond to the show cause order within 30 days of its release, the Commission indicated it would schedule a hearing to determine whether Doty's felony convictions affect his and CRS's qualifications to be and remain a Commission licensee and to determine whether CRS made misrepresentations and/or lacked candor in its dealings with the FCC.

"CRS's failure to disclose the felony convictions of one of its principals raises a substantial and material question of fact as to whether CRS made false certifications, misrepresented facts to the Commission and/or demonstrated a lack of candor," the FCC said in its discussion of the case. The FCC suggested that CRS declined to reveal Doty's felony convictions because it knew the information would potentially disqualify CRS and Doty as Commission licensees.

Regardless of the outcome of the hearing on the character qualification issues, the FCC said it also would determine whether to fine CRS as much as \$97,500 for its alleged failure to disclose Doty's felony convictions in one or more applications.

Since the 1990s, the FCC has applied character qualification standards previously reserved for broadcast licensees to applicants and licensees in other radio services, including the Amateur Radio Service.

The Order to Show Cause is available on the FCC Web site

http://hraunfoss.fcc.gov/edocs_public/attachmat/ch/FCC-06-128A1.pdf

[From the ARRL Letter; Vol. 25, No. 37; September 15, 2006]

Four Lakes Club Items

FOX HUNT WAS AUGUST 15th

Results are as follows:

- Doppler - Don W9IXG and Bill K9ITW.
- Conventional - Joe W9YHF and CJ KC4UYL.

See the rest of the results near the back of this month's *The FEEDLINE*.

FLARC Treasurer's Report

The FLARC treasurer reports not available due to the Fox Hunt.

Buck Nite Winner at FLARC

The Buck Night Winner was not available due to the Fox Hunt.

Member Birthdays

September:

03	W9RAL - Steven Elliott
05	KB1FMA - Frank Bolding
12	WB9RNJ - Paul H. McFee
13	KG9FL - Gary Dennis KC9HDY - Daniel Grim
14	KC9GPG - Carol Steffi
16	W9WUU - George Shands
22	KC9AOG - Pierre Munson
23	KOZYA - John Steffi KG9NI - Ernest Stracener
29	KA9VHG - Jim Anderson

October:

9	K9ZT - Bud Morin
10	KA9MTH - Timothy Gable
16	W9CAR - Ralph Henes
26	N9CHN - Bill Hanold
31	W5ECC - Wesley French WB9BRF - Albert Jeardeau

"WE HAVE BADGES!"

Yes FLARC has engraved club badges. You can order yours using the form at the back of *The Feedline* newsletter.

VE Testing Program

The Four Lakes Amateur Radio Club of Madison, Wisconsin sponsors a monthly VE testing program at the University of Wisconsin Space Place, 2300 South Park Street, downstairs on the lower level, in the Villager shopping center complex (located in the middle of the shopping center).

Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM. Testing is also available to all candidates on Sundays after the Ham Training classes, which are offered three times per year, and after the spring MARA Swapfest.

We offer special accommodations for testing to those with alternate abilities. We require some advance warning on the nature of the accommodations you will need, e.g., an exam reader, visual code, etc. Other than that no reservations are necessary. Walk-ins preferred. Try to arrive at 8 AM or shortly thereafter.

UW-Space Place is located at 2300 S. Park Street, lower level, in Madison, WI. Watch for the Park Street, highway 151 north, exit from the Beltline which is highway 12 & 18 - UW-Space Place is approximately 1/2 mile north of the Beltline, and will be on your left as you head toward the heart of town just past McDonald's. That landmark is more identifiable than the Space Place signage. The Villager shopping center's 2300 S Park Street is the middle of the first parking lot past McDonald's. The UW radio club's BARS repeater, 146.685, pl 123.0, is used for talk in before the start time of 8 AM. Testing is in the lower part of the building in the Space Place class room. Look for signs when you enter the building.

Things to bring:

- Photo ID or two other forms of identification; If you have another FCC license (for example, GMRS) in your name, please bring your Federal Registration Number as it is used by the FCC's Universal Licensing System. (If you have no such license, your Social Security number will serve as an interim identifier until your FRN is generated.)

If you have a current amateur radio license, please also bring:

- The ORIGINAL license and ORIGINALS of any CSCES which should be considered (both returned to you after inspection), and
- a photocopy of the license and CSCES (sent with your application to the ARRL VEC) \$14.00 exam fee, preferably as a check or money order made payable to ARRL/VEC

Things NOT to bring:

- A fancy programmable calculator. (the calculator must not have memories, or the memories must be cleared before you use it on the test. This includes clearing the PDA or cell phone memories, so those would not be good choices to use for a calculator.) Simple calculators are provided for your use.

73, Sam Rowe KG9NG acting coordinator
E-mail: KG9NG@arrl.net
608 246-8582, 24-hour machine.

Programs for FLARC Meetings

We need lots more ideas and topics for programs to present at our meetings. So let us hear from you. Send your ideas to Frederick, W9GOC, or to any of the FLARC Board Members. Thanks for your support.

FLARC Web Site

The FLARC URL is <http://www.qsl.net/flarc> . If you see any errors, please let Steve Elliott, W9RAL know, e-mail: w9ral@aol.com .

Elmers

If you are interested in being an Elmer, one who helps newcomers get started in ham radio, we would like you to contact FLARC. Our coordinator for our Elmer Program is Ralph, W9CAR who can be contacted at 231-9195 or 212-7300. Let us all get involved in helping others become better amateur radio operators. *BECOME AN ELMER!*

Mission Statement

The Four Lakes Amateur Radio Club

The Four Lakes Amateur Radio Club (F.L.A.R.C.) is a non-profit, general interest club that exists to promote the growth and enjoyment of Amateur Radio in South-Central Wisconsin. The club's mission is to encourage new operators, enhance the skills and interests of those already licensed and to provide communications in the event of disasters or other emergencies. To accomplish this mission, F.L.A.R.C. will:

- Schedule regular meetings with informational programs and the opportunity for informal fellowship.
- Publish a monthly newsletter for the membership.
- Sponsor training classes.
- Sponsor Volunteer Examinations.

The Feedline is the regular monthly newsletter of the Four Lakes Amateur Radio Club (FLARC). The editor for *The Feedline* is Steve Elliott, W9RAL, and can be contacted at (608) 345-2286 or e-mail: w9ral@aol.com .

Wisconsin Items

Wisconsin Section News

Keep in touch with the ham action in Wisconsin by going to the Wisconsin section website:

<http://www.arrl.org/sections/?sect=WI>.

73, Don, W9IXG, Wisconsin Section Manager

Awards Checkers

Checker for the WAS Award is Gari, NG9V. When you are ready, just contact him; he'll be glad to do it, 608-221-2022 or gberliot@ameritech.net.

Checker for the VUCC awards is Richard, K9APW. Contact him at 608-833-0011 or k9apw@arrl.net.

For Weather Net Folks

The Wisconsin-based Badger Weather Net is held every morning on 3.985 MHz, between 0500 and 0715 local time.

For Sky Warn Watchers

If the weather gets active in the Dane County/Southern Wisconsin area, you may want to follow the action on 444.375MHz.

The Milwaukee Area Skywarn Association (storm spotters) webpage has a state-wide list of frequencies used for severe weather reporting.

ARRL Items

W1AW 2006 Spring Operating Schedule

The W1AW Operating Schedule may be found on the web at, <http://www.arrl.org/w1aw.html>.

WZ9I Scores Notice

Our own WZ9I, John Steffl, can be noted in the August 2006 issue of ARRL's QST magazine on page 70, under both the Public Service Honor Roll

and the Brass Pounders' League. Congratulations John!

Information Locator

Amateur Radio Web Sites

MARA	www.qsl.net/mara
WAR	www.wi-repeaters.org
MDXC	http://www.madisondxclub.org
N9MW	http://www.n9mw.com (DX-Cluster)
SMC	http://www.w9smc.com

Dane County ARES/RACES

http://groups.yahoo.com/group/dane_co_ares-races/
(has a current listing of Public Service Events)

Note: The Wisconsin Association of Repeaters (WAR) site, <http://www.wi-repeaters.org/>, will provide a current list of all repeaters in the state of Wisconsin. You can get the list sorted by frequency, by city or by region. The list has the offset, tone frequency, availability of auto patch, emergency power, owner, if open and if it's associated with emergency nets.

The Madison DX Club is reported to work with Internet Explorer and not with some versions of Netscape. <http://www.madisondxclub.org>
Always check the website for information on the location of the next meeting.

Other interesting sites are www.qsl.net and www.qrz.com. There are many, many links to other sites, which promote things from antennas, antenna construction to software. Also www.ac6v.com and www.cpcug.org/user/wfeidt/index.htm are full of links about ham radio. The latter is NG3K Amateur Radio Contest/DX page with the link ADXO, Announced DX Operations.

If you click on some of these URLs, they may not work and you will get an error message. They are OK if you type them into your browser.

Also, the ARRL Letter is a weekly update of amateur radio news, which can be found at: <http://www.arrl.org/arrlletter/>.

Badger Amateur Radio Society (BARS)

For those of you who utilize the 146.685 MHz, p123.0 Hz (W9YT), repeater in the Madison area, the Badger Amateur Radio Society (BARS) is the group which operates this equipment. The BARS group is the student based organization of the University of Wisconsin, and is open to amateur radio operators who are students, alumni, or just involved in amateur radio. BARS meetings are the second and fourth Thursdays of the month, at 5:00 pm and 5:45 pm, respectively, in room 1055 ECB (Engineering Center Building).

Currently, the BARS Echolink® unit is off-line and not operational, due to questions concerning the operation of the simplex unit under FCC rules.

And Other New Topic Areas and Sections for The Feedline

As our newsletter continues to develop and grow, we are always looking for topic areas and sections to add to our monthly writings. If you have any ideas, are willing to contribute to a topic area, or just have found some information you think amateur radio operators need to know about, let our editor know. You can contact Steve Elliott, W9RAL, at w9ral@aol.com or w9ral@arrl.net.

Learn Morse Code

Here is yet another location on the Web where you can gain information about Morse Code and get assistance with your learning. The website: <http://justlearnmorsecode.com/>

Your Novice Accent

Try this site by Dan KB6NU, <http://kb6nu.com/your-novice-accent/>

QRP - A New Section

QRP is a subject within amateur radio which has been somewhat "low key," or lacking power. (Sorry, I got a million of them.)

The Feedline is answering the call of QRP by introducing a QRP section in our Newsletter. So, calling all you QRP fans and operators, we need your assistance in bringing our new QRP section to life. We are interested in your stories, technical topics, references to articles you have seen or read, anything related and a part of QRP in

Technical Round-up

Need Manuals or Tech Info for Your Radio?

The following website has a lot of information for a very large number of amateur radios by many manufacturers.

<http://www.ham.dmz.ro/>

Give it a whirl the next time you need a manual, schematic, bulletin, or how to repair a problem.

Wisconsin Repeater Frequencies

Repeater List (Booklet Format)

<http://www.wi-repeaters.org/Mar2006Listing.pdf>

Repeaters Listed by City, Region & Frequency in HTML & Text Formats

<http://www.wi-repeaters.org/warlst.htm>

WAR Band Plan

http://www.wi-repeaters.org/war_bandplan.htm

WAR PL Tone Plan Map

<http://www.wi-repeaters.org/wisctcssmap.pdf>

Cross Band Repeater Frequencies

http://www.wi-repeaters.org/war_crossband.htm

WAR March Newsletter

<http://www.wi-repeaters.org/Mar2006Newsletter.pdf>

Minnesota Repeaters

http://www.mrc.gen.mn.us/MN_List.pdf

High Frequency Electronics

Here is a great publication for those of you interested in the upper frequency world.

<http://www.highfrequencyelectronics.com/>

Ham Radio Propagation Tracking

For those who are interested in participating in ham radio propagation tracking you are encouraged to investigate PropNet. It's a very intriguing system using PSK31 & packet radio.

The founder of PropNet Ev, W2EV attended the ARRL/TAPR DCC (Digital Communications Conference) in Chicago in 1998.

There are links to PropNet along with dozens of other links & files on

<http://groups.yahoo.com/group/illinoisdigitalham/>

PropNet Home Page

<http://www.propnet.org/>

PropNet Group

<http://groups.yahoo.com/group/PropNET-Online/>

Description:

Amateur Radio based propagation tracking on LF, MF, HF, VHF, UHF and the microwaves.

Participants answer the question, "If the band is open and nobody is transmitting, does anybody hear it?"

Join this ad-hoc PSK31 and AX.25 (!) network of propagation enthusiasts as they probe the ether for previously unknown openings; sometimes stumbling across long-forgotten (or yet to be officially discovered) phenomena.

Download the PSK31 software from either (1) this group's FILES area or (2) N7YG's website:

-->

<http://home.earthlink.net/~propnetpsk/propnetpsk/index.html>

Stations can report what they hear via the Internet (if they have it at their station)!

--> <http://propnet.findu.com/>

Most active frequencies:

PSK31: 28.131-MHz USB, 14.097-MHz USB, 50.291-

MHz USB, 144.288-MHz USB

AX.25: 28.128-MHz USB, 50.620-MHz FM, 147.585-MHz FM

The most popular frequencies are: 28.131 for PSK31 and 50.620 for FM.

For Those Interested in TUBES

Here is a great site.

<http://www.funwithtubes.net/>

For Sale and Advertisers

BUY — SELL — TRADE

ATTENTION FLARC MEMBERS: If you have amateur radio or computer items that you would like to BUY, SELL, or TRADE, you can do it in *The Feedline*. There is no charge for non-commercial advertising. Ads and continuations can be sent to Steve Elliott, W9RAL editor, w9ral@aol.com, and will be posted for 3 months.

FOR SALE

The following items are for sale:

- M-18, 50-foot, Glen Martin tower with a Hazer 6 tram system for antenna mounting.
- XP-70 Series Sommer antenna which appears to be a 706 model or 708 model.
- Miscellaneous feed line and tower guy wires.
- Antenna rotor (no current information on what unit it is, or whether it works).

Tower is located in Madison, Wisconsin, and further information can be obtained by calling Steve, W9RAL, at 608-345-2286. Proceeds from the sale of this equipment is being donated by the Family of Mas Iyama to the Big Project work in our area and supported by FLARC.

(Feb2006)

FOR SALE

New In Box Barker & Williamson BWDS-1.8-30 stainless steel folded dipole. Used by governments world-wide. Great for both ham & shortwave radio. Covers 1.8 - 30 MHz CONTINUOUS, SWR under 2:1 & 30 - 54 MHz CONTINUOUS with an SWR of under 3:1 & rated at 2KW PEP SSB/CW.

Made of more durable stainless steel wire not the copperweld version. Popular Communications review article is attached or at:

<http://www.bwantennas.com/instr/PCJulyTechShowcase.pdf>

AES list price for stainless version of this antenna is \$374 plus shipping & Wis. Sales tax. (New part number is BWDS-90).

Make a reasonable offer. Email me or call me at 847-867-2774.

73, Mark, WB9QZB@AOL.COM

(Feb2006)

FOR SALE

New in box Hy-Gain DX-88 HF Vertical covering 10/12/15/17/20/30/40/80m.

This is older stock originally made when Hy-Gain was owned by TELEX before MFJ acquired Hy-Gain. Current AES & MFJ new price is: \$370. I have KIT-160-88 add-on 160m kit new in box & it's new price is: \$190. I also have GRK-88 ground radial kit new in box & it's new price is: \$100 and RRK-88 roof radial kit which is also \$100.

I'm looking to sell these for a fair price. I can be reached by email at: WB9QZB@AOL.COM or phone at 847-867-2774. 73, Mark, [WB9QZB](mailto:WB9QZB@AOL.COM). (April 2006)

FOR SALE

Hey everyone. Here is a list of some equipment from the family of John Offerdahl K9XH, now a silent key. Please contact them with any questions. The equipment is at Rita's house near Mount Horeb, Wisconsin, and you may contact the family members below to arrange to see the equipment.

The equipment is as follows:

- Kenwood TS-820
- Icom IC-271H
- Icom IC-471H
- Kenwood TR-7950 (2) one has broken backlight.
- Kenwood AT-200
- Icom IC-W21AT with spare AA battery pack
- Kenwood SP-520 speaker
- Kenwood SP-820 speaker
- Kenwood KPS-12 power supply
- Astron RS-35A power supply
- Larson NMO 2/70 antenna with Larson NMO-MM mag-mount

Eric Offerdahl KB9NAL
414-271-1491
wolf359@gmail.com

Rita Offerdahl
608-767-7790
n9ezx@execpc.com

(May 2006)

FOR SALE

Badger Amateur Radio Society has a LOT of tubes for sale, and you can get a copy of the Tube List from them by sending a self-addressed, stamped envelope to:

Badger Amateur Radio Society
1415 Engineering Drive
Madison, WI 53706

FOR SALE

Equipment is for sale by Mark Mullen, W9MIM. The equipment is owned by Jim Hickey who let his license laps and has no further use for the items listed. Mark volunteered to sell the equipment for Jim and all transactions must go through Mark. The prices are what they are going for on e-bay. Contact Mark via his e-mail address or via the post office W9475 Stone Ledge Rd, Beaver Dam, WI 53916. His phone number is 920-887-8781. The equipment is in excellent shape but hasn't been used for quite some time. NOTE: If you are interested in the tower and the Tailtwister rotor, the KLM KT-34XA Triband beam antenna goes with it. All equipment is priced to sell. Here's a chance to get a good deal and all is right here in Beaver Dam.

- TRI-EX CRANKUP TOWER 54FT MODEL # LM354 & TAILTWISTER ROTOR \$1250
- KENWOOD TS530S \$250
- HEATH KIT TUNER SA 2060 \$275
- DIAMOND-SX-100-SWR&POWER METER \$50
- MFJ ELECTRONIC KEYSER PADDLE \$75
- 35 AMP ASTRON POWER SUPPLY WITH METERS \$100
- KENWOOD MULTIBAND JUST HAS 2M AND 440 TM741A \$250
- MFJ DELUXE VHF/UHF PEAK READ SWR&WATT METER \$40
- KLM KT-34XA TRI BAND ANTENNA GOES WITH TOWER
- MFJ 300 WATT DRY DUMMY LOAD \$40
- HTX-10 METER TRANCEIVER \$75
- KENWOOD TH-215A HANDY WITH SPEAKER MIKE \$80
- KAM PLUS \$50
- KENWOOD-TM-241A MOBILE 2 METER \$100
- KENWOOD SP-230 SPEAKER \$75

(May 2006)

Advertisers

The club is always looking for advertisers for our club. This helps defray the cost of the news letter some. If you have a candidate(s) in mind; see Don or any board member for details. It is a good way for some business to get exposure and help the club out. It isn't very expensive at all. Contact Don Michalski, W9IXG or Frederick Baguhn, W9GOC.

**Ham
University**

CW!

Tech!

General

Extra!

The Ham University

Ham University is the premier Windows program for helping you pass your FCC Exams. Ham University contains all the questions for all *three* FCC written exams. You can browse the questions, quiz yourself on your weak areas, or set yourself a mock exam. Ham University provides you with *three* ways to learn Morse code. First there are formal lessons which introduce the code one letter at a time. Then there are exercises, a set of typical transmissions to practice on (you set the speed). And finally there is *Pentode*[®]. This highly motivating game (inspired by *Tetris*) makes acquiring the code effortless. New Technician Class now available. Requirements: You will need a PC with a 386 or higher running Win95, Win98, Win-ME, WinNT, Win2000 or WinXP plus a sound card.

Goto: <http://hamuniversity.com/>

March2008

Tom's Auto Clinic

2652 E. Washington Avenue
Madison, WI 53704
608-241-3391

Steve - N9CK

Marylynn - K9SAM

May2007

Phasor Labs

cforster@phasorlabs.com

Oct2007

Contest Information

WA7BNM Monthly Contest Calendar

Please note that you may not be able to operate during all of the total hours of the contests listed below. Total operating time may also vary by entry category. See individual contest rules for allowed operating hours. This calendar comes from website: <http://www.hornucopia.com/contestcal/contestcal.html> .

September, 2006	
All Asian DX Contest, Phone	0000Z, Sep 2 to 2400Z, Sep 3
Russian RTTY WW Contest	0000Z-2400Z, Sep 2
Wake-Up! QRP Sprint	0400Z-0429Z, Sep 2 and 0430Z-0459Z, Sep 2 and 0500Z-0529Z, Sep 2 and 0530Z-0600Z, Sep 2
RSGB SSB Field Day	1300Z, Sep 2 to 1300Z, Sep 3
IARU Region 1 Field Day, SSB	1300Z, Sep 2 to 1259Z, Sep 3
AGCW Straight Key Party	1300Z-1600Z, Sep 2
DARC 10-Meter Digital Contest	1100Z-1700Z, Sep 3
MI QRP Labor Day CW Sprint	2300Z, Sep 4 to 0300Z, Sep 5
ARS Spartan Sprint	0100Z-0300Z, Sep 5
International G3ZQS Memorial Straight Key Contest	2300Z, Sep 8 to 2300Z, Sep 10
WAE DX Contest, SSB	0000Z, Sep 9 to 2359Z, Sep 10
Swiss HTC QRP Sprint	1300Z-1900Z, Sep 9
ARRL September VHF QSO Party	1800Z, Sep 9 to 0300Z, Sep 11
SOC Marathon Sprint	1800Z-2400Z, Sep 9
North American Sprint, CW	0000Z-0400Z, Sep 10
Tennessee QSO Party	1800Z, Sep 10 to 0100Z, Sep 11
ARCI End of Summer Digital Sprint	2000Z-2400Z, Sep 10
YLRL Howdy Days	1400Z, Sep 12 to 0200Z, Sep 14
FISTS Get Your Feet Wet Weekend	0000Z, Sep 15 to 2400Z, Sep 17
SARL VHF/UHF Contest	1600Z, Sep 15 to 1600Z, Sep 16 and 1600Z, Sep 16 to 1000Z, Sep 17
ARRL 10 GHz and Up Contest	0600 local, Sep 16 to 2400 local, Sep 17
Scandinavian Activity Contest, CW	1200Z, Sep 16 to 1200Z, Sep 17
South Carolina QSO Party	1300Z, Sep 16 to 2100Z, Sep 17
QRP Afield	1500Z-2100Z, Sep 16
Washington State Salmon Run	1600Z, Sep 16 to 0700Z, Sep 17 and 1600Z-2400Z, Sep 17
QCWA Fall QSO Party	1800Z, Sep 16 to 1800Z, Sep 17
North American Sprint, SSB	0000Z-0400Z, Sep 17
Run for the Bacon QRP Contest	0100Z-0300Z, Sep 18
144 MHz Fall Sprint	1900 local - 2300 local, Sep 18
NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Sep 21
CQ Worldwide DX Contest, RTTY	0000Z, Sep 23 to 2400Z, Sep 24
Scandinavian Activity Contest, SSB	1200Z, Sep 23 to 1200Z, Sep 24
Texas QSO Party	1400Z, Sep 23 to 0200Z, Sep 24 and

	1400Z-2000Z, Sep 24
AGCW VHF/UHF Contest	1600Z-1900Z, Sep 23 (144) and 1900Z-2100Z, Sep 23 (432)
UBA ON Contest, CW	0600Z-1000Z, Sep 24
Fall QRP Homebrewer Sprint	0000Z-0400Z, Sep 25
222 MHz Fall Sprint	1900 local - 2300 local, Sep 26
CIS DX Contest	1200Z, Sep 30 to 1200Z, Oct 1
Arkansas QSO Party	1600Z, Sep 30 to 0600Z, Oct 1 and 1800Z, Oct 1 to 0200Z, Oct 2
FISTS Coast to Coast Contest	1800Z, Sep 30 to 1800Z, Oct 1

October, 2006	
UBA ON Contest, 6m	0600Z-1000Z, Oct 1
RSGB 21/28 MHz Contest	0700Z-1900Z, Oct 1
ARS Spartan Sprint	0100Z-0300Z, Oct 3
German Telegraphy Contest	0700Z-0959Z, Oct 3
YLRL Anniversary Party, CW	1400Z, Oct 3 to 0200Z, Oct 5
432 MHz Fall Sprint	1900 local - 2300 local, Oct 4
SARL 80m QSO Party	1700Z-2000Z, Oct 5
TARA PSK Rumble Contest	0000Z-2400Z, Oct 6
Oceania DX Contest, Phone	0800Z, Oct 7 to 0800Z, Oct 8
International HELL-Contest	1400Z-1600Z, Oct 7 (80m) and 0900Z-1100Z, Oct 8 (40m)
EU Autumn Sprint, SSB	1600Z-1959Z, Oct 7
California QSO Party	1600Z, Oct 7 to 2159Z, Oct 8
PRO CW Contest	1600Z-1800Z, Oct 7 and 0600Z-0800Z, Oct 8
UBA ON Contest, SSB	0600Z-1000Z, Oct 8
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
YLRL Anniversary Party, SSB	1400Z, Oct 10 to 0200Z, Oct 12
NAOCC Straight Key/Bug Sprint	0030Z-0230Z, Oct 11
Makrothen RTTY Contest	0000Z-0759Z, Oct 14 and 1600Z-2359Z, Oct 14 and 0800Z-1559Z, Oct 15
Microwave Fall Sprint	0600 local - 1300 local, Oct 14
Oceania DX Contest, CW	0800Z, Oct 14 to 0800Z, Oct 15
EU Autumn Sprint, CW	1600Z-1959Z, Oct 14
Pennsylvania QSO Party	1600Z, Oct 14 to 0500Z, Oct 15 and 1300Z-2200Z, Oct 15
FISTS Fall Sprint	1700Z-2100Z, Oct 14
Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 15
North American Sprint, RTTY	0000Z-0400Z, Oct 15
UBA ON Contest, 2m	0600Z-1000Z, Oct 15
Run for the Bacon QRP Contest	0100Z-0300Z, Oct 16
JARTS WW RTTY Contest	0000Z, Oct 21 to 2400Z, Oct 22

ARCI Fall QSO Party	1200Z, Oct 21 to 2400Z, Oct 22
Worked All Germany Contest	1500Z, Oct 21 to 1459Z, Oct 22
W/VE Islands QSO Party	1600Z, Oct 21 to 2359Z, Oct 22
50 MHz Fall Sprint	2300Z, Oct 21 to 0300Z, Oct 22
Illinois QSO Party	1700Z, Oct 22 to 0100Z, Oct 23
CQ Worldwide DX Contest, SSB	0000Z, Oct 28 to 2400Z, Oct 29
eXtreme CW World-Wide Challenge	0000Z, Oct 28 to 2359Z, Oct 29
10-10 Int. Fall Contest, CW	0001Z, Oct 28 to 2359Z, Oct 29

Send comments and corrections about this page to Bruce Horn, WA7BNM

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Information is also available from the ARRL contest web site <http://www.arrl.org/contests/calendar.html> and the ARRL Contest Rate Sheet at <http://www.arrl.org/contests/rate-sheet/>. You can also get the Rate Sheet emailed to you once a week. (You may have to copy these URL's into your browser to make them work.)

N2CQ QRP CONTEST CALENDAR

QRP CONTEST CALENDAR, September 2006

Wake-Up! QRP Sprint (CW) *** QRP Contest ***

Sep 02, 0400z to 0600z

Rules: http://www.qrp.ru/sprint_e.htm

IARU Region 1 Fieldday (SSB)... QRP Category

Sep 02, 1300z to Sep 03, 1300z

Rules: <http://www.sk3bq.se/contest/iarur1fd.htm>

AGCW Straight Key Party (CW - 40 Meters) ... QRP Category

Sep 02, 1300z to 1600z

Rules: http://www.agcw.org/agcw-con/2006/Englisch/htp_e.htm

Michigan QRP Labor Day Sprint (CW) *** QRP CONTEST! ***

Sep 04, 2300z to Sep 05, 0300z

Rules: <http://www.qsl.net/miqrpclub/contest.html>

Adventure Radio Spartan Sprint (CW) *** QRP CONTEST! ***

Sep 05, 0100z to 0300z (First Monday 9 PM EDT)

Rules: <http://www.arsgrp.com/>

FISTS G3ZQS Memorial Straight Key Contest ... QRP Category

Sep 08, 2300z to Sep 10, 2300z

Rules: <http://www.fists.org/straightkey.html>

Worked All Europe DX Contest (SSB) 100W Power Category

Sep 09, 0000z to Sep 10, 2400z

Rules: <http://www.darc.de/referate/dx/fedcw.htm>

Swiss HTC QRP Sprint (CW) *** QRP Contest ***

Sep 09, 1300z to 1900z

Rules: http://www.htc.ch/de/htc_sprint_contest.htm

or: <http://www.sk3bq.se/contest/htcqrpsp.htm>

ARRL September VHF QSO Party (All) Low Power Category

Sep 09, 1800z to Sep 11, 0300z

Rules: <http://www.arrl.org/contests/calendar.html?year=2006>

Second Class Operator Club Marathon (CW) *** QRP Contest ***

Sep 09, 1800z to 2400z

Rules: <http://www.qsl.net/soc/contests.htm#top>

NA Sprint (CW)... QRP Category

Sep 10, 0000z to 0400z

Rules: <http://www.ncjweb.com/sprintrules.php>

Tennessee QSO Party (SSB/CW/Dig) ... QRP Category

Sep 10, 1800z to Sep 11, 0100z

Rules: <http://www.k4ro.net/tcq.html>

End of Summer PSK31 Sprint *** QRP Contest ***

Sep 10, 2000z to 2400z

Rules: <http://www.qrparci.org>

FISTS: Get Your Feet Wet Weekend ... QRP Category

Sep 15, 0000z to Sep 18, 0000z

Rules: <http://www.fists.org/getfeetwet.html>

AGB NEMIGA Contest (80M CW/SSB) ... QRP Category

Sept 15, 2100z to 2400z

Rules: http://www.qsl.net/eu1eu/agb_nemiga.htm

PODXS 070 Club 80m Autumn Sprint (PSK31) ... QRP Category

Sep 15, 2000 Local to 0200 Local

Rules: http://podxs.com/html/070_club.html

Scandinavian Activity Contest (CW) ... QRP Category

Sep 16, 1200z to Sep 17, 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

South Carolina QSO Party (ALL) ... QRP Category

Sep 16, 1300z to Sep 17, 2100z

Rules: <http://www.kf4ghc.net/>

QRP Afield (All) *** QRP Contest ***

Sep 16, 1500z to 2100z

Rules: <http://www.qsl.net/wq1rp/>

Washington State Salmon Run (CW/SSB) ... QRP Category

Sep 16, 1600z to Sep 17, 0700z

Sep 17, 1600z to Sep 17, 2400z

Rules: <http://www.wwdxc.org/salmonrun/rules.htm>

NA Sprint (SSB)... QRP Category

Sep 17, 0000z to 0400z

Rules: <http://www.ncjweb.com/sprintrules.php>

RUN FOR THE BACON (CW) *** QRP CONTEST ***

EDT: Sep 17, 9 PM to 11 PM

UTC: Sep 18, 0100z 0300z

Rules: <http://fpqrp.com>

NAQCC Straight Key/Bug Sprint *** QRP CONTEST! ***

EDT: Sep 20, 8:30 PM to 10:30 PM

UTC: Sep 21, 0030z to 0230z

Rules: <http://www.arm-tek.net/~yoel/contests.html>

CQWW RTTY DX Contest ... <150w Category

Sep 23, 0000z to Sep 24, 2400z

Rules: <http://www.cq-amateur-radio.com/awards.html>

Scandinavian Activity Contest (SSB) ... QRP Category

Sep 23, 1200z to Sep 24, 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

Texas QSO Party (All) ... QRP Category

Sep 23, 1400z to Sep 24, 0200z

Sep 24, 1400z to Sep 24, 2000z

Rules: <http://www.txgp.org/>

AGCW VHF/UHF CW Contest ... QRP Category

Sep 23, 1600z to 2100z

Rules: http://www.agcw.org/agcw-con/2006/Englisch/agcw-d10_e.htm

Fall QRP Homebrewer Sprint (CW/PSK31) ***QRP CONTEST***

Sep 25, 0000z to 0400z

Rules: <http://www.njgrp.org/data/qrphomebrewersprint.html>

Thanks to K3WWP, LA9HW, SM3CER, WA7BNM, ARRL and others for assistance in compiling this calendar.

Ken Newman - N2CQ N2CQ@ARRL.NET ; <http://www.amgrp.org/contesting/contesting.html> ;

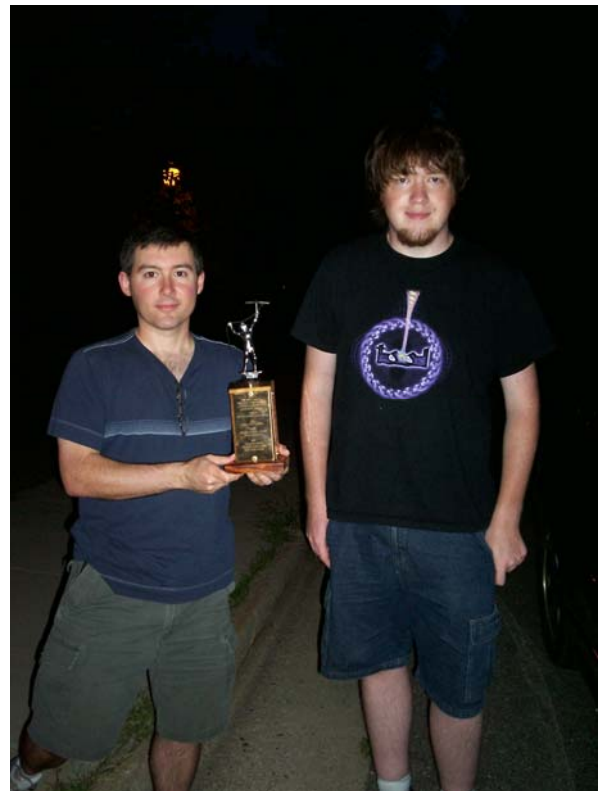
<http://www.n3epa.org/Pages/Contest/contest.htm> ; *Ed Note: Thanks to Terry, WU9F.

FLARC FOX HUNT RESULTS for AUGUST 2006

FLARC 2006 Fox Hunt Results 15-Aug-06				
PLACE (OVERALL)	PLACE (CLASS)	TEAM	TIME FOX LOCATED	SEARCH CLASS
1 st	1 st	K9ITW - Bill W9IXG - Don	7:47	DOPPLER
2 nd	1 st	W9YHF - Joe KC4UYL - CJ	8:18	CONVENTIONAL
3 rd	2 nd	WBYUHI - Brad K9EV - Kevin	8:19	CONVENTIONAL
4 th	3 rd	W9RAL - Steve N9JGD - Patrick	8:29	CONVENTIONAL
5 th	2 nd	WA9SE - Sarah Elizabeth WN9GOC - Betsy W9GOC - Frederick	9:00 (plus a little)	DOPPLER



First Place - Doppler



First Place - Conventional

General Information

Four Lakes Amateur Radio Club Membership Mail-In Application

Date: _____ Callsign: _____ License Class: _____

Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____ Month & Day of Birth: (optional) _____

E-mail address: _____

ARRL Member: Yes _____ No _____

Newsletter delivery is via E-mail, so please include your E-mail address above. If you require a mailed copy, please check here _____.

Dues: \$20 regular, \$17 Senior (65 plus), \$10 Student, \$14 additional family members.
(one newsletter per family)

Mail check and this completed application form to:

**FLARC c/o Don Michalski
4214 Mohawk Dr.
Madison, WI 53711**

MDXC Scholarship

The Madison DX Club (MDXC) has established a student scholarship program to financially assist students enrolled in institutions of higher learning. The program is intended to be a public service for this community and it is hoped all amateur radio operators and friends will contribute support.

For complete details of the program you may go to <http://www.madisondxclub.org>. You may contact us at scholarship@madisondxclub.org.

The MDXC (Madison DX Club) thanks you for your support to this important project.

.....

Now Available!

Engraved FLARC Club Badges



Actual Size (3.5" x 2") and colors.

PRICE: \$8.50 per engraved badge.

Each badge includes a standard pin clip for the back. A magnet clip (\$3.20 extra) or a bulldog clip (\$1.25 extra) can be ordered for a small cost. No shipping is required if you pick your badge up at a FLARC meeting. **If you want badge shipped to you, an additional charge of \$2.45 is required. ORDERS WILL BE SUBMITTED OCTOBER 1, 2006, SO ORDER SOON.**

Callsign	First Name	Last Name	Badge With Pin Back	Badge With Magnet Clip (\$3.20 extra)	Badge With Bulldog Clip (\$1.25 extra)
			\$8.50 <input type="checkbox"/>	\$11.70 <input type="checkbox"/>	\$9.75 <input type="checkbox"/>
			\$8.50 <input type="checkbox"/>	\$11.70 <input type="checkbox"/>	\$9.75 <input type="checkbox"/>
		Shipping Cost (to House only) \$2.45			
		TOTAL			

Order forms and check (made out to "FLARC") can be sent to:

Donald E. Michalski; 4214 Mohawk Drive; Madison, WI 53711-3723

Orders can also be brought to a FLARC meeting. Any orders placed after October 1, 2006 must include the shipping cost.