



# The Feedline

“W9JZ – SERVING AMATEUR RADIO SINCE 1933”

Volume 26, Number 3

## Club Information

### 2005 FLARC Officers

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

### Board Members at Large

Phil Carlson WBOCLI  
Steven Elliott W9RAL  
Thomas Komsi KC9EUC

### CALENDAR OF CLUB EVENTS, etc.

Our club meetings are usually 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. They are subject to change.

### 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.gsl.net/flarc>. Keep checking the links page for new goodies!

### Meeting dates and programs

March meeting is to be held on March 15.  
April meeting is to be held on April 19.  
May meeting is to be held on May 17.

## The Prez Says

Greetings to all!

Thank you to all who participated in the February show-and-tell meeting! As some of you are aware, the February Technician class was quite successful, and for that reason the March meeting will be a thematic follow-on to the show-and-tell idea. We are inviting the recent graduates of the radio class(es) to join us, and hope that our experienced members will be bringing their radios as a show-and-tell item. Also, John, KOZYA, will be trying to obtain a Morse-CW project kit and assemble it for our meeting. For those new members of amateur radio, and those of you looking to upgrade, this may be a wonderful addition to your practice and learning of CW.

The Board members were thinking in terms of hand-helds and 2 meter equipment as the primary focus, but several of the class graduates also passed Element 3 and 4, so we'll be seeing some rapid upgrades when they satisfy the code requirement. If you'd like to bring an interesting piece of HF equipment (or an accessory) that might be of interest to folks who are new to the radio avocation, which would also be welcome, of course.

Upcoming events:

- Wisconsin QSO Party, Sunday, 13 March. George /W9WUU has generously offered to consolidate the logs that you bring to our General Meeting on the 15<sup>th</sup>, and will forward them to WARAC as a batch.
- AES SuperFest will be April 1-2 in Milwaukee,
- VE session on 2 April at Space Place (8:00 - 10:00)
- MARA Hamfest in Stoughton, 17 April.

And I have a request for information:

Do you have any experience interfacing a keyer to an FM transceiver for use as an MCW setup? Which keyers worked well for this? Board members are looking for circuitry which we can easily/inexpensively duplicate so we can get some CW practice nets going. Drop me a note at [w9goc@arrl.net](mailto:w9goc@arrl.net) to tell me about your circuit, or bring it to Show and Tell?

Looking forward to seeing you at the meeting.

73, Frederick

### *FLARC Treasurer's Report*

From the February 15<sup>th</sup> meeting

Balance in the treasury is \$3,745.82.  
There are 94 paid up members.


Don, W9IXG

### *2005 Wisconsin QSO Party*

The 2005 Wisconsin QSO Party will be held on March 13th starting at 1800UTC and running until 0100UTC March 14th. Complete information and rules can be found at <http://www.warac.org/wqp/wqp.htm>

The C.R.O.W's (Contest Radio on Wheels) contest team will again participate in the WIQP. Our exact route is still undetermined but will be posted here and on the CW County Hunter's forum as soon as it is finalized.

Also several members of the Green River Valley ARS will travel to Wisconsin and assist K9OT (Lafayette County) with his multi-multi operation.

 Official 2005 WIQP Rules and Entry Form in Adobe Acrobat Format go to <http://www.warac.org/wqp/2005/05wiqp.pdf> .

More information will be posted as it becomes available.

### *BPL Report*

ARRL Bulletin 5 ARLB005  
From ARRL Headquarters  
Newington CT February 9, 2005  
To all radio amateurs.

ARRL Tells FCC to "Reconsider, Rescind and Restudy" BPL Order

The ARRL has petitioned the FCC to take its broadband over power line (BPL) Report and Order (R&O) back to the drawing board. In a Petition for Reconsideration filed February 7, the League called on the Commission to "reconsider, rescind and restudy" its October 14, 2004, adoption of new Part 15 rules spelling out how BPL providers may deploy the technology on HF and low-VHF frequencies. Asserting that the R&O fails to adequately take into account the technology's potential to interfere with Amateur Radio and other licensed services, the League called the FCC's action to permit BPL "a gross policy mistake." The R&O, the ARRL said, "represents a classic case of prejudgment" by an FCC that knew better but ignored evidence already at its disposal.

"It is readily apparent that the Commission long ago made up its mind that it was going to permit BPL without substantial regulation, no matter what the effect of this flawed application of old technology is on licensed radio services," the League's petition declares. The ARRL accuses FCC Commissioner Michael Powell and his four colleagues of deliberately authorizing "a spectrum pollution source" that's proven to be incompatible with existing licensed uses of the HF spectrum.

"The Commission wanted nothing to contradict its enthusiasm about BPL," the League said, and its Office of Engineering and Technology (OET) saw to it that evidence of the "fundamental incompatibility" between BPL and incumbent HF radio services "was suppressed, ignored or discredited." The FCC has not adjudicated a single interference complaint, the ARRL added, but has swept interference complaints under the rug.

The ARRL further argued that Powell should have recused himself from voting on the R&O. The chairman, the ARRL says, violated the FCC's own

ex parte rules by attending a BPL provider's demonstration October 12, after release of the October 14 agenda. Powell "tainted this proceeding" by taking part in the demonstration, and that alone is sufficient to have the Commission vacate and reconsider its action, the ARRL alleged.

The League also said the FCC's "late and incomplete" responses to ARRL's Freedom of Information Act (FOIA) requests fail to show any support for FCC's conclusions regarding interference to licensed services from BPL. The highly redacted information release contained nothing that supports the FCC's conclusions about BPL's interference potential and suppressed negative recommendations from its own technical investigators, the petition says. As a result, the League said, the Commission "failed to conduct impartial, reasoned rulemaking."

The Commission used an unlawful "balancing test" that weighed BPL's purported benefits against its interference to licensed services, the League asserts, creating "a hierarchy of licensed radio services" based upon "how much interference each service deserves." The Communications Act, the League's petition points out, requires an objective determination from the outset that the likelihood of harmful interference from a proposed unlicensed service is virtually nil.

The interference mitigation rules in the R&O are both ineffective and inequitably applied, the ARRL's petition further argues. Noting the new rules do not require BPL systems to shut down in the event of interference except as "a last resort," the League said the practical effect is "that systems will never have to shut down," even if the BPL operator has not been able to remedy ongoing harmful interference to the Amateur Service. The new rules, the petition charges, accord priority to unlicensed BPL, "regardless of the preclusive effect" or the duration of interference.

In its unanimous BPL decision, the Commission, the League says, has abandoned its fundamental obligation to avoid interference in telecommunication systems, instead requiring complainants to initiate contact with BPL providers and "beg for resolution." The ARRL petition also faults the Commission's adopted

measurement standards.

The League's Petition for Reconsideration in ET Dockets 03-104 and 04-37 is on the ARRL Web site, [http://www.arrl.org/announce/regulatory/et04-37/recon\\_petition/](http://www.arrl.org/announce/regulatory/et04-37/recon_petition/).

## *The Big Project Update*

The Big Project has taken off locally in Mt. Horeb at the Mt. Horeb Middle School. The ARRL equipment package has started to arrive from the equipment suppliers. These arrivals, along with equipment from the Iyama Family, have begun to fill the "Ham Radio Shack" at the school. In the spring, the Iyama tower and antenna will be brought down and installation plans are still being determined. Thanks to the ARRL suppliers for the fast delivery of the items for the project.

Each month, updates on The Big Project can be found in this section of *The Feedline*.

## *FLARC receives SSC renewal*

March 2, 2005

Four Lakes Amateur Radio Club  
Donald Michalski, W9IXG  
4214 Mohawk Dr.  
Madison, WI 53711-3723

Dear Don:

We are pleased to report that the Four Lakes Amateur Radio Club has been officially renewed as a Special Service Club. The next renewal for the club will be in two years. Through the work of its members, this club is recognized for its continued efforts on behalf of Amateur Radio and services to its community.

You are to be commended for your work with the club in helping it realize and maintain its potential. Because you have been so closely associated with the club during the development of its SSC commitment, we want to give you the opportunity of informing the club directly of its success. The club will continue to receive periodic mails of materials and information from

Headquarters. Please be sure to keep your contact information up to date and current.

Congratulations, and thanks for your good work! If we can be of further assistance, please do not hesitate to contact us.

73, Margie Bourgojn, KB1DCO, ARRL HQ

### *Technician Class "Scores" Big*

Congratulations to everyone who passed the Technician License exam this weekend. We hope you enjoyed the class. Our appreciation to all the instructors who participated, also.

We had a perfect 100% graduation! 12 new Technicians, 2 of the 12 added the General element 3, and 1 went on to get the Extra element 4!!

Here are some good radios for you to consider:

Good, basic, Handi-Talkie (HT)- ADI-201HP: (\$100); or, the popular two band Icom W32A (~\$260) [what I use].

For mobile or base station- Icom IC-2100H 25N: (~\$170); or, the popular IC-2720 two band (\$370) [note that 70 cm band is not that popular in the Madison area so most of us just use the second channel to monitor another 2 meter repeater].

There are many others, more expensive, but these radios have been around a long time and can offer you good performance.

To check on your license status, go to this FCC site:

[http://wtbwww05.fcc.gov/default.sph/UIsQueryApp.exe?FNC=query\\_type\\_Ahome.html](http://wtbwww05.fcc.gov/default.sph/UIsQueryApp.exe?FNC=query_type_Ahome.html)

On this Application Search home page, click "continue" (General classification). Then, on the next page, enter in the Licensee Name field: last name, first name (as you put it on the FCC form you filled out). Don't forget the comma in between and don't go first, last name. Click on Search at the bottom of the page. If your license has been processed, you will see your new call

sign!

If you need additional advice on anything related to Ham radio, let me know.

For Morse Code, here are some sites to look into:

<http://www.morsecode.dutch.nl/hints.html>  
<http://www.cq2k.com/Qstore/Qstore.cgi>  
(innovative method of learning Morse Code)  
<http://www.g4uxd.freemove.co.uk/index.htm>  
<http://www.morsecode.dutch.nl/index2.html>  
<http://www.aa9pw.com/radio/> (for taking practice code exams!)

If you want some private tutoring, we have several Madison amateurs willing to help you. Instructor, Jim Lackore, AD9X, would be willing to help you.

Email him at [jlackore@sbcglobal.net](mailto:jlackore@sbcglobal.net) or phone 233-3902.

Enjoy your new hobby and keep in touch!

I invite you to book-mark this site for important Wisconsin amateur news:  
<http://www.arrl.org/sections/?sect=W>  
Check it regularly!

73 (best regards),  
Don, W9IXG

p.p.s. Call me on the BARS repeater- 146.685 (PL 123.0) when you get your license and radio!

### *MDXC Scholarship Announcement*

The Madison DX Club has a program to provide local students enrolled in an institution of higher learning with financial assistance. The structure of the program is in place and a number of contributions have been received. The program is off to a good start. Any financial contribution you might make to the program will make more and larger scholarships available. A donation form is attached. Complete details of the program are available at <http://www.madisondxclub.org>. if you know

of a ham who will be (or is) "attending college", please pass on the information about this program.

### *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 one 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 us know.

### *Elmers*

If you are interested in being an Elmer, one who helps newcomers get started in ham radio, contact Gary Dennis, KG9FL.

### *VE Testing Program*

Sam Rowe, KG9NG, is the acting VE Team Chairman.

The VE directed amateur radio license exams are given at SPACE PLACE on South Park Street on the FIRST SATURDAY OF THE MONTH.

### *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=W1>.

73, Don

### *Buck Nite*

Frederick Baguhn, W9GOC, won the buck.

### *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](mailto:gberliot@ameritech.net).

*Checker* for the VUCC awards is Richard, K9APW. Contact him at 608-833-0011 or [k9apw@arrl.net](mailto:k9apw@arrl.net).

### *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.

### *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](mailto:w9ral@aol.com).

## Member Birthdays

### March:

- 2 N9KAN—Jim Kalrath
- 3 WA9PUX—Ralph Gable
- 4 N9HNN—John Pellet  
KB9TPQ—Tom Garrison
- 27 KC9CHL—Blake Johnson  
KF9AQ—Kevin Graniero
- 30 WB9NOV—Frank Holliday

### April:

- 2 KB9LYM—Jackie Jeardeau
- 3 WB0CLI—Phil Carlson
- 4 W9RNF—Sharon Toal
- 6 K9APW—Richard Lust
- 9 KC9BFD—Emily Baguhn  
KA9BYD—John Hicks
- 18 KB9UOL—Michelle Godfrey
- 23 KC9FNF—Carter Wegner
- 26 KC9AJN—Dorothy Sorge

## AES SuperFest 2005, April 1 & 2

AES; 5710 W. Good Hope Road; Milwaukee, WI  
414-358-0333 • 1-800-558-0411 • aesham.com  
Friday, April 1st (2:00 p.m. to 7:00 p.m.)  
Saturday, April 2nd (8:30 a.m. to 3:00 p.m.)

- FREE ADMISSION
- Ham Manufacturer Displays & Demos
- Informational Forums
- Gordon West
- Area Clubs & Organizations
- Informational Forums
- Prize Drawings
- VE Testing
- Fox Hunt (with Prizes)
- Specials & Coupons
- FREE Popcorn & Soda
- Food for Purchase (Boy Scouts)
- Parking across the street with Shuttle to the Front Door

If you are unable to attend you can call in during SUPERFEST HOURS and take advantage of any Coupons or Specials in effect for the show.  
Phone: 414-358-0333 • 1-800-558-0411

## The 2005 Madison Hamfest & Computer Fair

Sunday April 17, 2005; 8:00am until 1:00pm  
(Dealer Set-Up Saturday Night and Sunday Morning.)  
Talk-in Frequency: 147.75/15 MHz.

Featured vendors of new and used equipment for Amateur Radio, Electronics and Computer enthusiasts as well as computer software in the Mandt Community Center's spacious 25,000 sq. ft. main hall!

Same Great Location as in 2004! The Madison Swapfest will be held at the Mandt Community Center; 400 Mandt Parkway; Stoughton, Wisconsin. The Mandt Community Center is located in the Stoughton Junior Fair Grounds on the south side of Stoughton. Plenty of Spacious FREE PARKING!

## FCC and Morse Code, restructuring proposals could be out by mid-year

ARRL Bulletin 8, ARLB008  
From ARRL Headquarters  
Newington, CT, March 1, 2005  
To all radio amateurs:

The FCC continues to work toward developing a Notice of Proposed Rule Making (NPRM) that will spell out what the Commission has in mind with respect to possible changes in the current Morse code requirement and Amateur Radio licensing.

A total of 18 petitions have been filed, including one from the ARRL, seeking Part 97 rule changes addressing the future of the 5 WPM Morse requirement (Element 1) and revisions to the overall Amateur Radio licensing structure. The FCC plans to tackle all 18 in a single proceeding.

On the code issue, petitions--and comments in response to them--run the gamut from retaining or even beefing up the Morse requirement to eliminating it altogether. (The ARRL's proposal would retain the 5 WPM Morse examination for

Amateur Extra class applicants only.)

The League and others have also put forth proposals for a new entry-level Amateur Radio license class. At this point, personnel in the FCC Wireless Telecommunications Bureau are continuing to review the thousands of comments filed on the 18 petitions.

While the FCC appears unlikely to release an NPRM any sooner than mid-year, the issue still may be a major discussion topic during the FCC Forum at Dayton Hamvention, May 20-22.

Once public, the NPRM would initiate another round of public comments on what the FCC has proposed. An FCC Report and Order implementing any new rules is unlikely before the second half of 2006, although it's possible the Commission could wrap up the proceeding before then.

## *Amateur Radio Spectrum Protection Act of 2005 Introduced*

ARRL Bulletin 7, ARLB007  
From: ARRL Headquarters  
Newington, CT, March 1, 2005  
To all radio amateurs.

At the urging of the ARRL, Rep Michael Bilirakis (R-FL) has introduced The Amateur Radio Spectrum Protection Act of 2005 into the US House of Representatives. The bill, designated HR 691, has been referred to the House Energy and Commerce Committee where Bilirakis serves as vice chairman. Like previous versions of the proposal, the current measure would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs.

ARRL President Jim Haynie, W5JBP, says the legislation "is vital for ensuring that the Amateur Radio Service, the only 100-percent fail safe emergency communication capability, remains a viable public safety option."

HR 691 references Amateur Radio's role in providing "voluntary, noncommercial radio service, particularly emergency communications," and it points out that hams have "consistently and reliably" provided communication support in the event of emergencies and disasters including tornadoes and hurricanes, chemical spills, forest fires and rail accidents. As the measure notes, FCC actions already have led to the loss of at least 107 MHz of spectrum to radio amateurs.

Rep Roscoe Bartlett (R-MD) has signed on as the bill's first co-sponsor.

Efforts now will focus on attracting additional cosponsors for the legislation. The League is encouraging members to urge their congressional representatives to sign aboard HR 691. More than 100 lawmakers agreed to cosponsor similar legislation in the 108<sup>th</sup> Congress, where it was designated HR 713. Work is proceeding to have identical legislation introduced in the US Senate.

The text of HR 691 is available on the Government Printing Office Web site  
[http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109\\_cong\\_bills&docid=f:h691ih.txt.pdf](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_bills&docid=f:h691ih.txt.pdf)

## *Spring Into Wisconsin 2005*

Attention All Interested HAMS

On Saturday May 7 2005 the third annual Spring Into Wisconsin Bike Ride will be held.

The 15, 30, or 65 mile ride will begin and end at Sheehan Park in Sun Prairie, WI. It will start at 10:30 a.m. The ride is Sponsored by Cyclist Against Cancer and Trek Bikes. The ride is a fund raiser for the Lance Armstrong Cancer Foundation. All proceeds from the ride are going to the Lance Armstrong Cancer Foundation.

We will need SAG vehicles, operators for the Bicycle Repair Vans, Operators at Rest Stops, A Shadow for the coordinator, and 2 Net Control Stations.

A free T-shirt and post-event dinner will be provided to everyone who volunteers.

Remember, not having any equipment is not an excuse! Radio equipment can be provided to you for the event.

This is a great training exercise in communications for a worthy cause and we hope you can participate.

If you are interested in helping with this ride contact Dave Deiler, Kb9jqv@arrl.net

For more information check out this link, <http://www.springintowisconsin.com/>

Thanks!! Hope to hear from you soon!!!

Dave Deiler - KB9JQV

## *Milwaukee County ARES Repeater Changes Frequency*

The Milwaukee County ARES owned repeater on 146.670MHz is moving to a new frequency.

Plans are in place to have the QSY happen the weekend of March 5/6. The ARES repeater will then be on 147.165MHz + Offset 127.3 tone.

This will NOT impact the coverage range of the repeater, the same hardware will be used from the same locations, only a frequency re-program is being made.

Please spread this word, thanks.

Gary Bargholz, N9UUR  
ARES Repeater Committee Member.  
Chairman, Wisconsin Association of Repeaters.

## *Scan-Wis Meeting*

We're happy to say that the CRG/Scan-Wis Spring Meeting 2005 will be at Fitchburg Fire Station #2! Join us Sunday Apr. 3rd at noon for round-table discussions of frequencies, unit numbers, system changes, and technical topics. Bring your recent radio purchases to show off and share your knowledge or radio systems and use in your area!

Mid-meeting, we'll break to tour Dane County's new command vehicle and check out its radios.

From the Beltline in Madison (Hwy 12/18) take Hwy 18 southwest a couple miles to County Rd PD (McKee Rd), take a couple of hard rights and you'll see the fire station.

The date was originally announced last fall. Let's also set aside October 9 for the Fall 2005 meeting.

See you April 3.

## *Amateur Radio Web Sites*

MARA	<a href="http://www.gsl.net/mara">www.gsl.net/mara</a>
WAR	<a href="http://www.wi-repeaters.org">www.wi-repeaters.org</a>
MDXC	<a href="http://www.madisondxclub.org">http://www.madisondxclub.org</a>
N9MW	<a href="http://www.n9mw.com">http://www.n9mw.com</a> (DX-Cluster)
SMC	<a href="http://www.w9smc.com">http://www.w9smc.com</a>

Dane County ARES/RACES

[http://groups.yahoo.com/group/dane\\_co\\_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.

MDXC works with Internet Explorer and not with some versions of Netscape.

Other interesting sites are [www.gsl.net](http://www.gsl.net) and [www.grz.com](http://www.grz.com). There are many, many links to other sites, which promote things from antennas, antenna construction to software. Also [www.ac6v.com](http://www.ac6v.com) and [www.cpcug.org/user/wfeidt/index.htm](http://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/>.

## ***General License Class Coming***

Space Place Amateur Radio Center (N9UW)  
1605 South Park Street  
Madison, WI 53715

presents another

Amateur Radio General Class Workshop-- May 21,  
22 !!

You need, of course, a Technician or Novice  
license as a pre-requisite.

Here is a weekend workshop to help you upgrade  
your Novice or Technician Class ham radio license  
to General Class. Earn new privileges that will  
enable you to explore all the ham bands, try out  
new modes, and get into worldwide  
communications. A license examination session on  
Sunday afternoon concludes the workshop, so can  
upgrade your license to General Class in only two  
days. (The workshop covers the written element  
but does not cover 5 wpm Morse Code, which is  
required to earn the General Class license.)

The workshop is free-even refreshments are  
provided! (There is, however, an exam fee of  
\$14.00 to cover administrative costs.) To prepare  
you must get a copy of the ARRL General Class  
License Manual (5th ed., \$16.95), which is  
available via web or mail order from the American  
Radio Relay League: [www.arrl.org/catalog](http://www.arrl.org/catalog) .  
(Check the ARRL web site for lots of information  
about ham radio.) You will receive suggestions  
for studying after you register. AES in Milwaukee  
sells the book, also. [www.aesham.com](http://www.aesham.com) .

Go to  
<http://www.spaceplace.wisc.edu/SPARC.shtml>  
for additional information.

Please tell us your age if you are a high school  
student or younger. Register soon! Class size is  
limited to 25. Email Don Michalski at  
w9ixg@arrl.org or call 608-274-1886.

If you already have your General, please pass this  
information around. I have included a flyer for  
you to post at your place of employment, also!

## ***FOR SALE ITEMS***

### **FOR SALE**

- Azden PCS-6000 6 meter FM, 50 watt mobile  
rig. \$200.00
  - Cushcraft R7, hf vertical \$30
  - Alinco DR-MO3 10 meter fm mobile. \$50.00
- If interested call Kevin KF9AQ at 608-273-0956

### **EQUIPMENT FOR SALE**

ALL ITEMS WORK ACCORDING TO SPECIFICATIONS  
AND ARE IN MINT CONDITION

- MH-C777 Universal battery charger: \$45.
- Astron 35M PS: \$95.
- Astron 20A PS: \$55.
- Kenwood KPS 15 PS: \$65.
- MFJ 1275B TNC: \$55.
- MFJ 1275 SC Interface: \$55.
- MFJ 969 antenna tuner: \$59.
- Yaesu 2600M 2-meter transceiver: \$85.

If interested, contact Jim Lackore, AD9X, at 608-  
233-3902 (home), 608-770-3902 (cell).

### **For Sale**

- Tektronix Type 535 Oscilloscope
  - Plug-in unit # 53/54K
- Contact KC9GDI, Woody Pfeffer, 608-592-5313.

### **For Sale**

A former ham has some gear to sell. His email  
explains:

From: Dr Mason <amason@aipathology.com>  
To: <w9ixg@arrl.org>  
Sent: Sunday, January 02, 2005 1:18 PM  
Subject: equipment for sale

I am a former ham (WA9IQY) and I have a relative  
who passed away a couple of years ago who  
exported amateur radio equipment. I have a  
number of HAM-IV rotors for 220v 50-60hrz as well  
a[s] one sidewinder rotor. I have bench tested all  
of them and they are in perfect working order. I  
also have several Mosley multi band beams which  
were in a basement and the boxes got wet, but  
the antennas are like new. Do you have a

suggestion as to how I might try to sell these items? I live in Wausau, WI.

Thanks for your assistance,  
Al Mason

### For Sale

- PL 259 connectors are \$1.25 each.
- 100MFD/450VDC electrolytic capacitors (NOS)  
\$1.50 ea or 4 for \$5.00.

Contact the FLARC President for more information.

### *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, W9IXG or Frederick Baguhn, W9GOC.

### Tom's Auto Clinic

2652 E. Washington Avenue

Madison, WI 53704

608-241-3391

Steve - N9CK                      Marylynn - K9SAM

### Phasor Labs

[cforster@phasorlabs.com](mailto:cforster@phasorlabs.com)

## Contest Calendar

Another source of contest dates has been suggested instead of the one below. The source is <http://home.online.no/~janalme/hammain.html/>. They overlap quite a bit and each has contests that the other does not have. Furthermore, they disagree on some dates and times. The above site has the advantage of having links to the rules. The following is excerpted from:

### WA7BNM 13-Month Contest Calendar Last updated January 26, 2005

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. <http://www.hornucopia.com/contestcal/contestcal.html>

March, 2005	
AGCW YL-CW Party	1900Z-2100Z, Mar 1
ARRL Inter. DX Contest, SSB	0000Z, Mar 5 to 2400Z, Mar 6
Wake-Up! QRP Sprint	0400Z-0600Z, Mar 5
Open Ukraine RTTY Championship	2200Z-2359Z, Mar 5 (Low Band) and 0000Z-0159Z, Mar 6 (Low Band) and 0800Z-1159Z, Mar 6 (High Band)
DARC 10-Meter Digital Contest (Mar)	1100Z-1700Z, Mar 6
RSGB 80m Club Championship, Data (Mar)	2000Z-2130Z, Mar 7
ARS Spartan Sprint (Mar)	0200Z-0400Z, Mar 8
Pesky Texan Armadillo Chase	0200Z-0400Z, Mar 10
RSGB Commonwealth Contest	1000Z, Mar 12 to 1000Z, Mar 13
AGCW QRP Contest	1400Z-2000Z, Mar 12
Oklahoma QSO Party	1400Z, Mar 12 to 0200Z, Mar 13 and 1400Z-2000Z, Mar 13
North American Sprint, RTTY	0000Z-0400Z, Mar 13
UBA Spring Contest, CW	0700Z-1100Z, Mar 13
NSARA Contest	1200Z-1600Z, Mar 13 and 1800Z-2200Z, Mar 13
Wisconsin QSO Party	1800Z, Mar 13 to 0100Z, Mar 14
RSGB 80m Club Championship, CW (Mar)	2000Z-2130Z, Mar 16
10-10 Int. Mobile Contest	0001Z-2359Z, Mar 19
BARTG HF RTTY Contest	0200Z, Mar 19 to 0200Z, Mar 21
SARL VHF/UHF Contest	1000Z, Mar 19 to 1000Z, Mar 20
Russian DX Contest	1200Z, Mar 19 to 1200Z, Mar 20
CLARA and Family HF Contest	1700Z, Mar 19 to 1700Z, Mar 20
Virginia QSO Party	1800Z, Mar 19 to 0200Z, Mar 21
UBA Spring Contest, 6m	0700Z-1100Z, Mar 20

9K 15-Meter Contest	1200Z-1600Z, Mar 20
RSGB 80m Club Championship, SSB (Mar)	2000Z-2130Z, Mar 24
CQ WW WPX Contest, SSB	0000Z, Mar 26 to 2359Z, Mar 27
UBA Spring Contest, 2m	0600Z-1000Z, Mar 27
Spring QRP Homebrewer Sprint	0000Z-0400Z, Mar 28
Low Power Spring Sprint	1400Z-2000Z, Mar 28

April, 2005	
SP DX Contest	1500Z, Apr 2 to 1500Z, Apr 3
EA RTTY Contest	1600Z, Apr 2 to 1600Z, Apr 3
Missouri QSO Party	1800Z, Apr 2 to 0500Z, Apr 3 and 1800Z-2400Z, Apr 3
QCWA Spring QSO Party	1800Z, Apr 2 to 1800Z, Apr 3
144 MHz Spring Sprint	1900 local - 2300 local, Apr 4
RSGB 80m Club Championship, CW (Apr)	2000Z-2130Z, Apr 4
ARS Spartan Sprint (Apr)	0200Z-0400Z, Apr 5
YLRL DX-YL to NA-YL Contest, CW	1400Z, Apr 6 to 0200Z, Apr 8
SARL 80-Meter QSO Party	1700Z-2000Z, April 7
JIDX CW Contest	0700Z, Apr 9 to 1300Z, Apr 10
ARCI Spring QSO Party	1200Z, Apr 9 to 2400Z, Apr 10
EU Spring Sprint, SSB	1500Z-1859Z, Apr 9
Georgia QSO Party	1800Z, Apr 9 to 0359Z, Apr 10 and 1400Z-2359Z, Apr 10
UBA Spring Contest, SSB	0600Z-1000Z, Apr 10
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Apr 10
222 MHz Spring Sprint	1900 local - 2300 local, Apr 12
YLRL DX-YL to NA-YL Contest, SSB	1400Z, Apr 13 to 0200Z, Apr 15
RSGB 80m Club Championship, SSB (Apr)	2000Z-2130Z, Apr 13
Holyland DX Contest	0000Z-2359Z, Apr 16
TARA Skirmish Digital Prefix Contest	0000Z-2400Z, Apr 16
ES Open HF Championship	0500Z-0859Z, Apr 16
YU DX Contest	1200Z, Apr 16 to 1200Z, Apr 17
EU Spring Sprint, CW	1500Z-1859Z, Apr 16
Michigan QSO Party	1600Z, Apr 16 to 0400Z, Apr 17
Ontario QSO Party	1800Z, Apr 16 to 1800Z, Apr 17
432 MHz Spring Sprint	1900 local - 2300 local, Apr 20
RSGB 80m Club Championship, Data (Apr)	2000Z-2130Z, Apr 21
DX Colombia International Contest	0000Z, Apr 23 to 2400Z, Apr 24
SP DX RTTY Contest	1200Z, Apr 23 to 1200Z, Apr 24
Helvetia Contest	1300Z, Apr 23 to 1300Z, Apr 24
Florida QSO Party	1600Z, Apr 23 to 0159Z, Apr 24 and 1200Z-2159Z, Apr 24

Nebraska QSO Party	1700Z, Apr 23 to 1700Z, Apr 24
EUCW/FISTS QRS Party	0001Z, Apr 24 to 2359Z, Apr 30
SBMS 2 GHz and Up WW Club Contest	0600 local, Apr 30 to 2400 local, May 1

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*Send comments and corrections about this page to Bruce Horn, [WA7BNM](mailto:WA7BNM)*

*Revision Date: January 26, 2005*

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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.



# MDXC Scholarship Contribution Form

Mail to: Bill Hanold; N3304 Tipperary Point Rd.; Poynette, WI 53955

I wish to contribute \$\_\_\_\_\_ to the MDXC Scholarship Fund.

- Payment is included with this form.

Make checks payable to the MDXC Scholarship Fund

- Payment will be made on or before \_\_\_\_\_ 20\_\_\_\_

Please note that MDXC expects to award scholarships annually in May and make payouts at the end of each year.

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NAME (please print)

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ADDRESS

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CITY

STATE

ZIP CODE

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SIGNATURE

DATE

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

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

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  - Talk To Other Hams On The Radio On High Frequencies Around The World!!
  - Meet New Friends
- 

The UW Space Place will be holding a weekend course where \_\_\_\_\_ will learn everything you need to earn your written element for \_\_\_\_\_ **General** license.

This \_\_\_\_\_ class is May 21, 22.

Novice or Technician license & registration is required.

For more information please contact:

Don Michalski, [dem@sal.wisc.edu](mailto:dem@sal.wisc.edu), 263-4685

**[www.arrl.org/hamradio.html](http://www.arrl.org/hamradio.html)**



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