



The Feedline

“W9JZ – SERVING AMATEUR RADIO SINCE 1933”

Volume 26, Number 10

Club Information

2005 FLARC Officers

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

Board Members at Large

Phil Carlson WBOCLI
Steven Elliott W9RAL
Terry Bachmann WU9F

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

October meeting will be a tour of the Community Television Tower complex off Mineral Point Road, on October 18th, at 7:30 pm.

November meeting will be at the Red Cross, 7:30 pm, and will have as our guest speaker Tom Weeden, WJ9H from Channel 15 to talk about Digital TV.

The Prez Says

Greetings to all!

I extend the Club's thanks to W9CAR, N9MW and N9TWA for their timely reminder that Ham Radio is still viable in Time of Need. Those in attendance at the September general meeting were treated to a great presentation on Ralph and Ed's roles in the rescue at sea, and Ed had some useful things to say about spreading the word on ham radio through the news media. Joe told us about the active roles of ARES and Skywarn during the Stoughton tornados, and just happened to have some ARES registration forms available for folks who just hadn't enrolled in ARES previously. ☺

This month's meeting will feature a tour of the Community Tower facility; our Feedline editor will have directions noted elsewhere. (Hint: out Mineral Point Road to a gravel path across from Pleasant View - - look for the tall tower (~1500 ft) with the candelabra on top.) See Page 18 for map.

Upcoming activities

October 15-16 brings the Jamboree on the Air where we hope to offer the area Scouts a chance to talk to Scouts via ham radio. Don has arranged a site in Belleville, and Terry, WU9F is coordinating hams to help, both on site and as over-the-air contacts.

November's meeting will feature Tom Weeden, WJ9H from Ch 15, Tom will tell us about Digital TV, and help us understand where its footprint is found in the RF spectrum. There will be some interesting technology demonstrated. The business meeting will discuss the FLARC budget.

The FLARC Holiday party is scheduled for 6 December; elections are coming soon, too.

Now would be a terrific time to think of the types of activities that FLARC should be engaged in, both to meet your needs and the needs of the community. The FLARC Officers and Board value your input, and look forward to helping FLARC meet your objectives. [Identifying the goals before we talk about the Budget will help make sure the dollars go where they are needed, too.]

73, Frederick

News and Stories

Jamboree on the Air ****CURRENT****

On October 15, FLARC will be providing support for the Boy and Girl Scouts Jamboree on the Air at a location in Bellville, Wisconsin. We will be operating a station for scouts to use for four (4) hours. Terry, WU9F, is acting as coordinator for our FLARC activities. If you are interested in assisting FLARC members with this great educational, hands on opportunity for our local Scouts, give Terry a call at 608-848-1592. **Time is short so call as soon as possible.**

JOTA is an annual event in which about 500,000 Scouts and Guides all over the world make contact with each other by means of amateur radio. It is a real Jamboree during which Scouting experiences are exchanged and ideas are shared, thus contributing to the world brotherhood of Scouting. The JOTA is a world-wide event. Units may operate for 48 hours or any part thereof, from Saturday 00.00 h until Sunday 24.00 h local time. (But we will not be going that long.)

Amateur Radio Antenna "CC&R Bill" Reintroduced in Congress

NEWINGTON, CT, Sep 23, 2005--New York Congressman Steve Israel has reintroduced legislation that could make it easier for radio amateurs living in communities with deed covenants, conditions and restrictions (CC&Rs) to erect suitable antennas. Arkansas Congressman

Mike Ross, WD5DVR, signed aboard as an original cosponsor of the "Amateur Radio Emergency Communications Consistency Act" (HR 3876). ARRL Hudson Division Director Frank Fallon, N2FF, who attended Israel's public announcement of the bill September 19 on Long Island, pointed out the Amateur Radio volunteers always fill the gap after other communication systems fail in an emergency or disaster. He notes the bill's introduction comes in the immediate aftermath of positive media coverage of Amateur Radio's response to the Hurricane Katrina disaster.

"Unfortunately if all new housing developments contain deed restrictions forbidding outside antennas there will probably come a time when there will not be enough ham radio operators to help their neighbors and countrymen," said Fallon. He believes Israel's bill will help to ensure that Amateur Radio will continue to be able to provide emergency communication should a disaster occur.

Fallon, who head up the League's grassroots lobbying initiative, was on hand for Israel's announcement, which took place at the home of ARRL New York City-Long Island Emergency Coordinator Tom Carrubba, KA2D.

The one-sentence measure is identical to the text of the CC&R bill that has been introduced in the last two sessions of Congress: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

The measure would put private land-use regulations, such as homeowners' association rules, on the same legal plane as state or local zoning regulations under the FCC's PRB-1 limited federal preemption regarding antenna structures--§97.15 of the Amateur Service rules. PRB-1 now applies only to states and municipalities.

ARRL President Jim Haynie, W5JBP, is encouraging League members to write their elected representative and ask that they cosponsor and support the bill, especially given two hurricane emergencies in short order.

"I think it's time now that we, as amateurs, really band together and see what we can do about writing our congressional representatives and explaining to them that Amateur Radio is certainly a part of this nation's communications infrastructure," Haynie said. "What we're asking for is just a fair shake so we can put up antennas and help our fellow citizens."

While the League has ramped up its efforts to educate members of Congress about Amateur Radio, Haynie said lawmakers respond best to individual members.

HR 3876 has been assigned to the House Energy and Commerce Committee. Information about [the bill and a sample letter](#) to use when contacting your representative are available on the ARRL Web site.

In his formal announcement this week, Israel said that "often unsung" Amateur Radio volunteers were instrumental in helping residents in the hardest hit areas in the wake of Hurricane Katrina, including saving stranded flood victims in Louisiana and Mississippi.

"State and local governments, as well as disaster relief agencies, could not possibly afford to replace the services that radio amateurs dependably provide for free," said a statement from Israel's office. "However, the hundreds of thousands of Amateur Radio licensees face burdensome regulations that make it extremely difficult to provide their public services."

In past statements, Israel has said that the growth of developed communities has put a growing number of hams under an "array of inconsistent regulations" that make it harder and harder--or altogether impossible--to erect the necessary antennas.

Amateur Radio "Saved the Day" in Mississippi; Rita Recovery Continues in Texas

NEWINGTON, CT, Oct 7, 2005--Amateur Radio volunteers in Jasper County, Texas, continue to support mass-feeding operations by The Salvation Army, which has been coordinating with other

relief agencies to provide meals to residents displaced by Hurricane Rita. Amateur volunteers will meet with Salvation Army personnel this weekend to discuss the need for Amateur Radio support beyond this weekend. Meanwhile, ARRL Alabama SM Greg Sarratt, W4OZK--who's been handling the intake of American Red Cross volunteers in Montgomery, Alabama--has been visiting ARC shelters along the Mississippi Gulf Coast. Shelters there are in the process of closing down. In Gulfport, Amateur Radio volunteers continue to support communication for the emergency operations center (EOC) in Harrison County, where they've been a mainstay since Hurricane Katrina struck in late August.

"If it hadn't been for Amateur Radio operators, we would not have had communications with other agencies," said Col Joe Spraggins of the Harrison County Emergency Management Agency. "Even with the advancements in our radio technology, ham radio saved the day! Thank you."

Christy Hardin, KB7BSA, a Southern Baptist Disaster Relief volunteer from Alabama who, with her husband Rick, KB4BSA, has been in the Gulf Coast twice following Hurricane Katrina says the Mississippi Coast Amateur Radio Association's 2-meter repeater never went off the air, even at the height of the storm. "Over the two weeks following the storm, hundreds of emergency messages as well as third-party interagency communications were handled," she told ARRL.

She had nothing but praise for those who have been volunteering to maintain communication at the EOC 24/7 in some cases despite having lost their own homes to the storm. "The storm came and went and left in its wake the injured, the dead, the destruction which was to become the fabric of nightmares," she said. "The four or five operators who worked around the clock for nearly a month are the true heroes."

In particular, she cited ARES District Emergency Coordinator Tom Hammack, W4WLF, Ray Taber, WX5AAA, Glover Hayden, W5BLV, and John Moore, W5EG, for serving unselfishly on behalf of Mississippi Gulf Coast residents. An instructor for all three levels of the ARRL Amateur Radio Emergency Communications course, Hardin says she was "thrilled to see it in action" as the EOC volunteers performed as true professionals. "This

is why we train in emergency communications," she said. "This is why Amateur Radio is a vital part of any emergency plan."

South Texas ARRL Section Manager Ray Taylor, N5NAV, this week estimated upward of 60 Amateur Radio volunteers were on the ground in Texas, many supporting American Red Cross-sponsored and makeshift shelters scattered throughout the area. Ham radio volunteers are deployed in Beaumont and Orange. North Texas SEC Bill Swan, K5MWC, has been helping to recruit and schedule ARES members from his section to assist in the mass-care operations in Jasper County.

Taylor says radio amateurs in North Texas and Arkansas have been helping to cover net control shifts and to serve as relay stations for the West Gulf ARES Emergency Net on 7.285 MHz days/3.873 MHz evenings.

Scott Pederson, KI5DR, reports he just returned home from three days in Jasper County, Texas, working with John Wagner, WA5VBP, Charles Fletcher, N5BOY, and John Barber, N5JB. "I spent a couple of days with VHF and HF riding around in a Salvation Army truck," he reports. "Our job was to deliver hot meals to various locations around a three-county area with five Salvation Army trucks and also several Red Cross trucks working together." Ham radio, he says, helped to coordinate the delivery routes by the various agencies involved with an eye toward eliminating duplication. He said VHF FM simplex was okay for local work, but the West Gulf ARES Emergency Net was very reliable, although busy with traffic from Louisiana.

"Even though regular phones are working most of the time, it's really the hams that are the communicators of the group," he said. Our ability to understand the issues and express concerns and suggestions in a clear and concise manner has helped solve a variety of issues that crop up during the day.

Pederson also lauded the efforts of The Salvation Army, American Red Cross and Arkansas Methodist Men's volunteers. "Everyone is focused and cares deeply about their tasks," he said, "and things are happening at lightning speed throughout the day."

In Louisiana, SEC Gary Stratton, K5GLS, said earlier this week that some 45 Amateur Radio volunteers remained on hurricane recovery duty there. "Things are settling down," Stratton told ARRL.

Four Lakes Club Items

FLARC Treasurer's Report

From the September 20th meeting.

Balance in the treasury is \$4,233.04.

There were **100** members.

Provided by Don, W9IXG, FLARC Treasurer

The Big Project Update

The Big Project is on hold for the moment. Our mentor, Tom Komsi, has moved to another job, and we are currently working with the school to determine the future of the project. More as things develop.

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

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 Steve, 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. We are

currently searching for a member who would like to be the Coordinator of the Elmer Program for FLARC. If you are interested, please contact Frederick, W9GOC, or John, K0ZYA. Let us all get involved in helping others become better amateur radio operators. *BECOME AN ELMER!*

VE Testing Program, New Location

The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex.

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.

If you need special accommodations for testing, we need 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. As of July 2005 there was no outside 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, 146.685 pl 123, repeater is used for talk in before 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. As of July 2005 remodeling was still being done on the inside of 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 CSEs which should be considered (both returned to you after inspection), and
- a photocopy of the license and CSEs (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

Buck Nite Winners at FLARC

The Buck Night winner at the September meeting was Joe, N9TWA. Winner of the Repeater Directory was Sam, KG9NG.

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.

Member Birthdays

October:

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

November:

06 KC9CBT - Sarah Elizabeth Baguhn
15 K9EMG - Roger Deicher

December:

08 N9LGZ - Marvin E. Van Cleave
13 WA9ACI - Chuck Forster
K9GRD - Dorothy Gable
14 WU9F - Terry Bachmann
18 KC9GHL - Kimberly French
28 N9NTB - Duane Brophy

TO HELP OUR NEW MEMBERS

We have seen a number of new members joining FLARC in the past couple of months. As members of this fun and exciting radio club, we should take a couple of minutes during our meeting breaks and introduce ourselves to these new members.

As I know from my own fears, meeting people can be a difficult moment. It should be remembered that the other person is often as shy as you, and only needs those few words of "Hi, I'm Steve, W9RAL, and welcome to the club!"

This will also work on those members who are able to come only every now-and-then, and you just have forgotten their name. Take that moment and make a Ham Contact at our meetings. Your little CQ might lead to a great

QSL.

Information About Friends

Roger Deicher, K9EMG, found some very interesting information in Ham Radio History about Alfred A. Laun, III. This is from his e-mail to the editor.

"Ran across this on the internet and found it interesting as Alfred grew up in a town about 10 miles from my home town and I worked him a number of times and my wife knew his aunt quite well. He was once a member of FLARC long before I was. Good reading for all FLARC members."

Roger

Website: <http://home.swipnet.se/~w-68234/porthole/k3zo2.htm>

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=W1>.

73, Don, W9IXG, Wisconsin Section Manager

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.

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.

USA and World Items

DXCC Country List

The "DXCC Country List/Beam Headings" is from the North Jersey DX Association web site <http://www.njdx.org/index.php>. Click on "DX tools" and then "beam headings".

Also, more detailed information on Russian callsigns is available at: <http://www.cpcug.org/user/wfeidt/Cis/russia.html>

Thanks to Roger K9EMG for this GREAT information.

ARRL Items

W1AW 2005 Spring/Summer Operating Schedule

Congratulations once again to everyone who passed the technician exam and got your new amateur radio license. Now that the first step has been completed, you are probably thinking about the General test, and of course, the Morse code. And that is great, because the ARRL has a regular schedule for you so you can learn to copy and translate Morse code better.

The ARRL has a regular schedule of transmissions which are used to bring information and training

to amateur radio operators, and below is the summer schedule for 2005.

The complete W1AW Operating Schedule may be found on page 97 in the April 2004 issue of QST or on the web at, <http://www.arrl.org/w1aw.html> .

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.

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

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, pl123.0 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 first Thursday of the month (through August while school is out), at 5:00 pm, in the Memorial Union Terrace. Meetings are held during the school year, so be ready for changes in time and meeting locations once the school year starts.

The BARS president, Jacob Ela, KC9CJW, would like to encourage you to come to a BARS meeting and find out the types of things BARS is doing in our amateur radio community. BARS has setup the EchoLink[®] simplex station here in Madison, on 147.510 MHz, pl 123.0 Hz. Please visit the BARS website for more information about BARS and the activities they are doing, <http://w9yt.engr.wisc.edu/> .

Speaking of EchoLink[®]

As those of you who use EchoLink[®] know, if you want to contact some location directly via your radio or computer, you need to know their node number.

Unfortunately, there is no location anywhere on the Internet which includes every node number, and so our dilemma. We need to find a way to get your node numbers from you so we can build a database for both FLARC and BARS members.

If you use EchoLink[®] from your computer, or have a base station tied to the Internet using EchoLink[®], we would like to get you node number for our database. These numbers will be collected, placed in a database, and made available to FLARC and BARS members. This listing will allow EchoLink[®] users to connect directly to nodes, rather than taking the

"random" selection.

Send your EchoLink® node numbers to Steve, W9RAL at e-mail: w9ral@aol.com .

The following map provides good location information for repeaters on EchoLink. Just click on the state wanted, and then move the cursor over the city for the node and repeater frequency: <http://www.echolinkmap.org/> .

And this website will give you the node numbers of stations who are on EchoLink at the present time: <http://www.echolink.org/logins.jsp>

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 about to answer 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 sections 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 amateur radio. We shall put the items together, and begin the QRP Section in next months *The Feedline*.

Thanks in advance, and we look forward to hearing from you. (Remember, submissions may be greater than 5 watts at the output/input for this section.)

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 .

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.

Submitted by Kevin, K9EV.

And Also...

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

Follow the link near the top of the page: <http://www.mke-skywarn.org> .

Scan_Wis members may find this page helpful for locating frequencies in their area in view that a unsettled period of strong storms is forecasted.

Spotters and Skywarn groups on the Scan_Wis list are encouraged to send updates and changes with a link on the page. There is also a mailing list available.

Regards,
Skip Voros - WD9HAS
Executive Director MASA inc.

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/>

Technical Round-up

ICOM MANUALS

If you have ever had a difficult finding one of those needed ICOM owner's manuals, here is the official website you need to know about:

<http://www.icom.co.jp/world/support/download/manual.html>

This site probably has what you been looking for, so have a fun time.

Information About J-pole Type Antennas

Here is a website which may help you find information about J-pole antennas.

www.dxzone.com/catalog/Antennas/J-Pole/

A New Satellite for Hams

A retired commercial satellite is being re-configured for amateur use.

Uplinks, 145.925 and 145.975 MHz
Downlinks, 435.075 and 435.275 MHz

See the link below for more info.

http://www.southgatearc.org/news/jul2005/new_satellite.htm .

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.

Ring tones for Your Cell Phones

Get a free Morse Ring tone at
<http://morsetones.no-ip.org>

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.

FOR SALE

- Azden PCS-7500 6 meter FM, 50 watt mobile rig. \$200.00
- Cushcraft R-5, HF vertical \$30
- Alinco DR-MO3 10 meter fm mobile. \$50.00
- Glen Martin RT-832 8' roof tower with TB-25 thrust bearing \$250.00
- Hy-gain/Telex CD-45 II Rotor with 100' cable \$325.00
- Hy-Gain/Telex 3 element 15 meter beam with BN-86 Balun \$150.00

If interested call Kevin KF9AQ at 608-273-0956

FOR SALE

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

From: Dr Mason <amason@aipathology.com>

To: <w9ixg@arri.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.

FOR SALE



The Yaesu FT-2800M is a compact 2m mobile 65 Watt FM transceiver. The radio has a large back-lit LCD display, and features ARS, Advanced Track Tuning receiver (greatly reduces inter-mod), extended RX (137-174), weather alert RX, CTCSS tone encode/decode, DCS encode/decode, 221 memory channels, multiple scanning modes, and more. Supplied with a back-lit DTMF hand microphone with up and down frequency controls and four programmable keys, mounting bracket with hardware, and a fused DC power cord.

New Price

AES \$160.00, Burghardt \$160.00, Radio City \$165.00

New in the box

\$ 125.00

Jim Staatz KI9H

Phone 715-532-5903

Ki9h@arri.net

FOR SALE

For Sale - Complete station. The awesome Kenwood TS-850SAT transceiver with built-in antenna tuner and original power supply, original manual. This low-noise-floor transceiver sold originally at \$2800 and still sells at \$720-800 on e-Bay due to excellent features. It will do it all -

all HF modes and bands [not 2m/6m], keyer, voice processor, handles PSK31 with ease and also excellent for SWL. Perfect condition, third owner. Also, the excellent Eagle vertical antenna by Gap [28 feet - \$340 or so], also low-noise specialist. Rig Blaster for digital modes with CD of goodies [orig \$120]. Cables, speaker. All for \$1000 or offer! See it near Hilldale Mall. Call Bill Gulley KB9SUP at home, 608-218-9293 or bgulley@chorus.net. 60 day guarantee for Kenwood and power supply!

FOR SALE

Mosley TA-33 3 element/3 band beam. \$50.00
Pick up only, no shipping.
Roger, K9EMG at +1 (608) 221-8496.

FOR SALE

The following antennas are available for sale.

- | | |
|-------------------|--|
| 1. Force 12 | C3SS |
| 2. Cushcraft | Ringo Ranger - ARX - 2 |
| 3. Cushcraft | AR - 270B |
| 4. Cushcraft | A 50 - 3S |
| 5. Cushcraft | 13B - 2 |
| 6. Cushcraft | A 443 - 22 element
144 MHz, 169" boom |
| 7. Homemade | Whip antenna 220 ?
Ground plane configuration |
| 8. Cushcraft? | 2 meter - 4 element |
| 9. Cushcraft | Ringo ? |
| 10. Larson Kuland | YA - 2 - 450,
Frequency 450 -470 MHz |
| 11. Drake? | 2.4 GHz with Drake
Down converter to 2 meters |

These antennas can be viewed in Madison, WI by contacting Dave Carlson, via e-mail djbejaj@tds.net or phone 262-539-2765 and a time can be arranged to view the antennas.

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.

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

HyGain Repairs From Don, W9IXG

If anyone wants their HyGain rotator refurbished, UW alumnus, Pete Byfield, K9VAL, (k9val@arrl.net) comes highly recommended, having completed repairs on the BARS unit at the University. Pete has a complete stock of parts for all common HyGain (now MFJ) rotators. But, the most important thing is he really knows how to rebuild the rotator so it comes back to you like new or better!! Little things like that make a world of difference for the long term. Plus, his prices are very fair.

Contest Information

WA7BNM 13-Month Contest Calendar Last updated March 13, 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. This calendar comes from website: <http://www.hornucopia.com/contestcal/contestcal.html> .

October, 2005	
TARA PSK Rumble Contest	0000Z-2400Z, Oct 1
Oceania DX Contest, Phone	0800Z, Oct 1 to 0800Z, Oct 2
International HELL-Contest	1400Z-1600Z, Oct 1 (80m) and
	0900Z-1100Z, Oct 2 (40m)
EU Autumn Sprint, SSB	1500Z-1859Z, Oct 1
California QSO Party	1600Z, Oct 1 to 2200Z, Oct 2
PRO CW Contest	1600Z-1800Z, Oct 1 and
	0600Z-0800Z, Oct 2
UBA ON Contest, SSB	0600Z-1000Z, Oct 2
RSGB 21/28 MHz Contest, SSB	0700Z-1900Z, Oct 2
German Telegraphy Contest	0700Z-0959Z, Oct 3
YLRL Anniversary Party, CW	1400Z, Oct 5 to 0200Z, Oct 7
432 MHz Fall Sprint	1900 local - 2300 local, Oct 5
SARL 80m QSO Party	1700Z-2000Z, Oct 6
NCCC Thursday Sprint	0230Z-0300Z, Oct 7
Makrothen RTTY Contest	0000Z-0759Z, Oct 8 and
	1600Z-2359Z, Oct 8 and
	0800Z-1559Z, Oct 9
Oceania DX Contest, CW	0800Z, Oct 8 to 0800Z, Oct 9
EU Autumn Sprint, CW	1500Z-1859Z, Oct 8
Pennsylvania QSO Party	1600Z, Oct 8 to 0500Z, Oct 9 and
	1300Z-2200Z, Oct 9
FISTS Fall Sprint	1700Z-2100Z, Oct 8
North American Sprint, RTTY	0000Z-0400Z, Oct 9
UBA ON Contest, CW	0600Z-1000Z, Oct 9
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
NAQCC 80/40 Straight Key/Bug Sprint	0030Z-0230Z, Oct 12
NCCC Thursday Sprint	0230Z-0300Z, Oct 14
YLRL Anniversary Party, SSB	1400Z, Oct 14 to 0200Z, Oct 16
JARTS WW RTTY Contest	0000Z, Oct 15 to 2400Z, Oct 16
Microwave Fall Sprint	0600 local - 1300 local, Oct 15
Worked All Germany Contest	1500Z, Oct 15 to 1459Z, Oct 16
Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 16

UBA ON Contest, 2m	0600Z-1000Z, Oct 16
RSGB 21/28 MHz Contest, CW	0700Z-1900Z, Oct 16
Illinois QSO Party	1700Z, Oct 16 to 0100Z, Oct 17
CIS DX Contest	1000Z-2200Z, Oct 22
ARCI Fall QSO Party	1200Z, Oct 22 to 2400Z, Oct 23
50 MHz Fall Sprint	2300Z, Oct 22 to 0300Z, Oct 23
CQ Worldwide DX Contest, SSB	0000Z, Oct 29 to 2400Z, Oct 30
eXtreme CW World-Wide Challenge	0000Z, Oct 29 to 2359Z, Oct 30
10-10 Int. Fall Contest, CW	0001Z, Oct 29 to 2359Z, Oct 30
FISTS Coast to Coast Contest	0000Z-2400Z, Oct 30

November, 2005

IPARC Contest, CW	0600Z-1000Z, Nov 5 and 1400Z-1800Z, Nov 5
Ukrainian DX Contest	1200Z, Nov 5 to 1200Z, Nov 6
ARRL Sweepstakes Contest, CW	2100Z, Nov 5 to 0300Z, Nov 7
NA Collegiate ARC Championship, CW	2100Z, Nov 5 to 0300Z, Nov 7
IPARC Contest, SSB	0600Z-1000Z, Nov 6 and 1400Z-1800Z, Nov 6
High Speed Club CW Contest	0900Z-1100Z, Nov 6 and 1500Z-1700Z, Nov 6
DARC 10-Meter Digital Contest	1100Z-1700Z, Nov 6
NCCC Thursday Sprint	0230Z-0300Z, Nov 10
WAE DX Contest, RTTY	0000Z, Nov 12 to 2359Z, Nov 13
JIDX Phone Contest	0700Z, Nov 12 to 1300Z, Nov 13
SARL Field Day Contest	1000Z, Nov 12 to 1000Z, Nov 13
OK/OM DX Contest, CW	1200Z, Nov 12 to 1200Z, Nov 13
LZ DX Contest	1200Z, Nov 19 to 1200Z, Nov 20
EUCW Fraternizing CW QSO Party	1500Z-1700Z, Nov 19 (20m) and 1800Z-2000Z, Nov 19 (40m) and 0700Z-0900Z, Nov 20 (40m) and 1000Z-1200Z, Nov 20 (20m)
All Austrian 160-Meter Contest	1600Z, Nov 19 to 0700Z, Nov 20
ARRL Sweepstakes Contest, SSB	2100Z, Nov 19 to 0300Z, Nov 21
NA Collegiate ARC Championship, SSB	2100Z, Nov 19 to 0300Z, Nov 21
RSGB 2nd 1.8 MHz Contest, CW	2100Z, Nov 19 to 0100Z, Nov 20
CQ Worldwide DX Contest, CW	0000Z, Nov 26 to 2400Z, Nov 27

December, 2005

ARRL 160-Meter Contest	2200Z, Dec 2 to 1600Z, Dec 4
TARA RTTY Melee	0000Z-2400Z, Dec 3
Wake-Up! QRP Sprint	0400Z-0600Z, Dec 3
ARRL 10-Meter Contest	0000Z, Dec 10 to 2400Z, Dec 11

CQC Great Colorado Snowshoe Run	0200Z-0359Z, Dec 11
Russian 160-Meter Contest	2100Z-2300Z, Dec 16
MDXA PSK DeathMatch	0000Z, Dec 17 to 2400Z, Dec 18
OK DX RTTY Contest	0000Z-2400Z, Dec 17
RAC Winter Contest	0000Z-2359Z, Dec 17
Croatian CW Contest	1400Z, Dec 17 to 1400Z, Dec 18
Stew Perry Topband Challenge	1500Z, Dec 17 to 1500Z, Dec 18
DARC Christmas Contest	0830Z-1059Z, Dec 26

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

Revision Date: March 13, 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.)

N2CQ QRP CONTEST CALENDAR

October 2005 QRP CONTEST CALENDAR

TARA PSK31 Rumble (PSK31 only) ... QRP Category

Oct 1, 0000z to 2400z

Rules: http://www.n2ty.org/seasons/tara_rumble_rules.html

EU SPRINT CONTEST (SSB) ... 100W category

Oct 1, 1500z to 1859z

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

California QSO Party (CW/SSB) ... QRP Category

OCT 1, 1600z to Oct 2, 2200z

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

RSGB 21/28 MHz Contest (SSB) ... QRP Category

Oct 2, 0700z to 1900z

Rules: <http://www.contesting.co.uk/hfcc/rules/r2128.shtml>

German Telegraphy Contest (CW) ... QRP Category

Oct 3, 0700z to 0959z

Rules: http://www.agcw.de/english/contest/dtc_e.htm

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

Oct 4, 0100z to 0300z (First Monday 9 PM EDT)

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

EU SPRINT CONTEST (CW) ... 100W category

Oct 8, 1500z to 1859z

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

Pennsylvania QSO Party (CW/SSB) ... QRP Category and Bonus

Oct 8, 1600z to Oct 9, 0500z

Oct 9, 1300z to Oct 9, 2200z

Rules: <http://www.nittany-arc.net/paqso.html>

FISTS Fall Sprint (CW) ... QRP Category

Oct 8, 1700z to 2100z

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

North American Sprint (RTTY) ... QRP Category

Oct 9, 0000Z to 0400Z

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

Ten-Ten Day Sprint (All) ... QRP Category

Oct 10, 0001z to 2359z

Rules: <http://www.ten-ten.org/calendar.html>

NACC 80M/40M Straight Key/Bug Sprint * QRP CONTEST! *****

Oct 13, 0030z to 0230z

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

Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 15, 1500z to Oct 16, 1459z

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

RSGB 21/28 MHz Contest (CW) ... QRP Category

Oct 16, 0700z to 1900z

Rules: <http://www.contesting.co.uk/hfcc/rules/r2128.shtml>

Illinois QSO Party (CW/PH)... QRP Category

Oct 16, 1700z to Oct 17, 0100z

Rules: <http://my.core.com/~jematz/ilqp/ilqphome.htm>

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

Oct 17, 0100z to 0300z

Rules: <http://fpgrp.com>

QRP ARCI Fall QSO Party (CW) * QRP Contest *****

Oct 22, 1200z to Oct 23, 2400z

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

070 Club 160m Great Pumpkin Sprint (PSK) ... QRP Category

Oct 23, 2000 to Oct 24, 0200 (Local Time)

Rules: http://podxs.com/html/160_meter_sprint.html

Zombie Shuffle (CW) * QRP CONTEST *****

Oct 28, Local Sundown to Local Midnight (Any 4 hour period)

Rules: <http://www.zianet.com/QRP/>

CQ WW DX Contest (SSB) ... QRP Category

Oct 29, 0000z to Oct 30, 2400z

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

Ten-Ten QSO Party (CW) ... QRP Category

Oct 29, 0001z to Oct 30, 2359z

Rules: <http://www.ten-ten.org/calendar.html>

4th Annual Fists Coast to Coast Contest (CW) ... QRP Category

Oct 30, 0000z to 2400z

Rules: http://www.tomochka.com/k7fff/fnw_c2c05.html

ARCBS 2005 Spookfest (CW/SSB/PSK31) ... QRP Category

Oct 30, 1700z to Oct 31, 0300z

Rules: <http://www.arcbs.org/ARCBSSpookfest2005.html>

Ken Newman - N2CQ

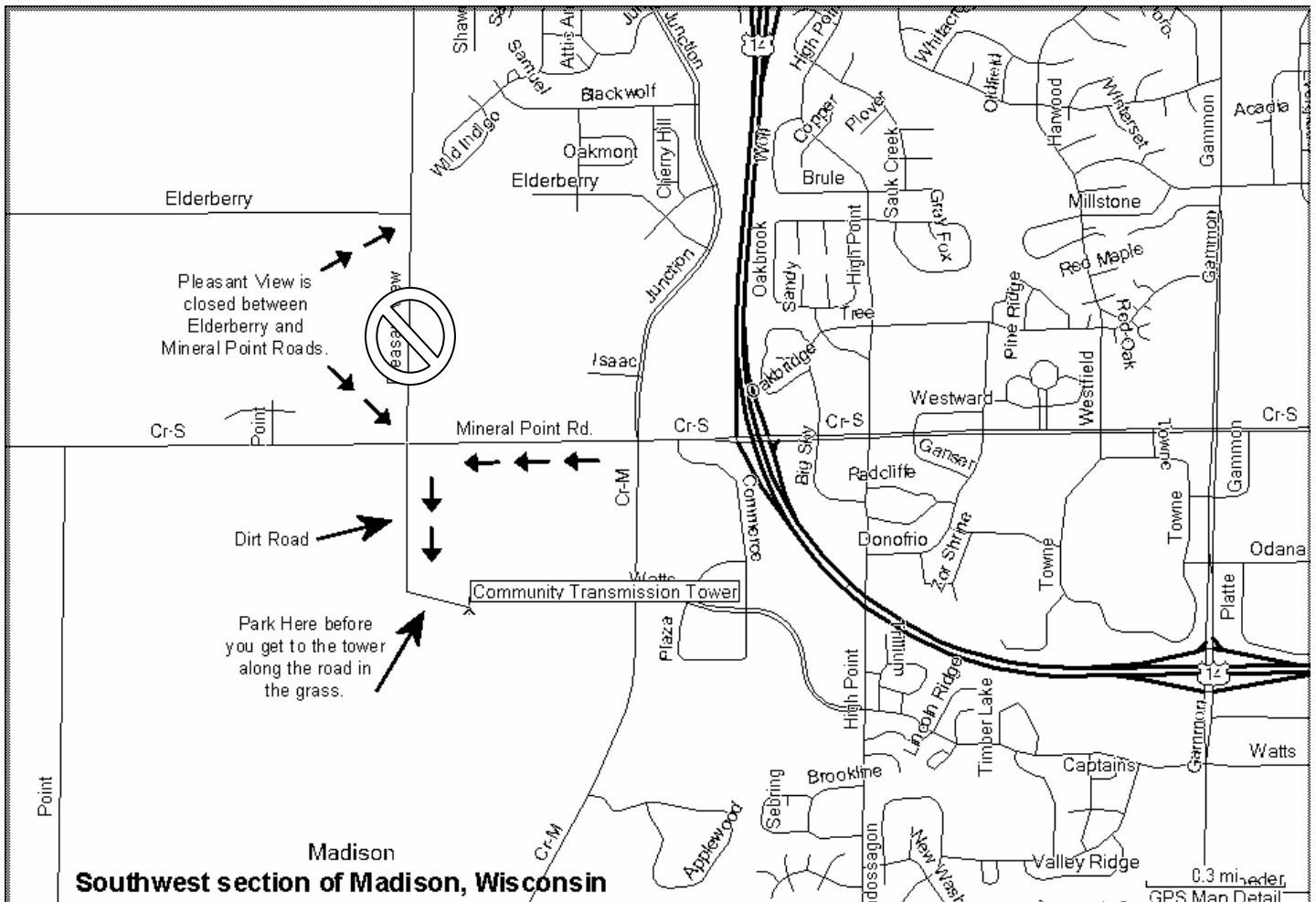
N2CQ@ARRL.NET

<http://www.amgrp.org/contesting/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

*Ed Note: Thanks to Terry, WU9F, for providing the information for our newsletter.

MAP TO THE COMMUNITY TRANSMISSION TOWER



Parking is along the gravel road just before you get to the tower, in the grass along side the roadway. Please be careful if the ground is wet.

Tour begins at 7:30 pm, so please be early so groups can be formed and started promptly at 7:30 pm.

Please dress warm since the facility is air conditioned and some activities may be outdoors.

General Information

Four Lakes Amateur Radio Club Membership Mail-In Application

Date: _____ Callsign: _____

Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____

Month & Day of Birth: (optional) _____

E-mail address: _____

License Class: _____

ARRL Member: Yes No

Newsletter delivery:

Email: Standard Mail:

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

Mail check and completed application form to:

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

MDXC Scholarship Contribution Form

Mail to: Gari Berliot - NG9V; 5326 Knightsbridge Road; Madison, WI 53714

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.

NAME (please print) _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

SIGNATURE _____ DATE _____

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 contribution to this important project.

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