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APRIL 2023 WWW.FDLHAMS.COM

Join us on Sunday evenings for our weekly Net - 7:30 PM on 145.430 MHz - Tone 97.4 Hz And on our 10 meter Net on Sunday's at 6:15 PM 28.450 / Chat on Thursday's at 8:00 PM 28.360

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#### 2023 Club Officers

President: Vice-President: Secretary Treasurer Sgt-at-Arms: Board Member Board Member Bob Burrier N2TSQ Joe Scheibinger K9VY Tom Powell KC9VXR Doug Schultz N9EZF Paul Bleuel KC9NAA Justin Buell KB9YET Bill Kieckbusch KG9IO Phil Schmahl W9MW

Jack Heil KG9IN

#### **Committee Chairs**

Contesting Education Scholarship Field Day Parades / Trailer Net Manager Newsletter Newsletter layout Public Service Publicity/Program Repeater Testing Truck & Trailer Trailer Design TVI Web Site Christmas Party

Jack Heil KG9IN Jack Heil KG9IN Jack Heil KG9IN Justin Buell KB9YET Doug Schultz N9EZF Doug Schultz N9EZF Joe Scheibinger K9VY Ed Beltz N9PJQ Joe Scheibinger K9VY Lloyd Vandervort N9RPU Doug Schultz N9EZF Ron Keller KC9YVL Justin Buell KB9YET Llovd Vandervort N9RPU Tim Braun W9AAV Paul Bleuel KC9NAA

Each committee has several members. If you are interested in serving on a committee, please contact the chairperson and volunteer your services.

#### FARC Volunteer Examiners

Managing VE - Doug Schultz N9EZF Jack Heil KG9IN - Dick Finn KC9ZVW Joe Scheibinger K9VY - Wally Meyer K9WKM Paul Tvrdy N9KLK - Tom Powell KC9VXR Pete Leonard AA9UU - Bill Kieckbusch KG9IO Phil Schmahl W9MW

#### **Mailing Address**

Fond du Lac Amateur Radio Club P.O. Box 53 Fond du Lac, WI 54936-0053 E-mail: fdlhams@fdlhams.com

Newsletter Submissions: Please email Editor Doug Schultz N9EZF schultz74@charter.net

FARC FDL 73 Newsletter design and concept by Dick Finn KC9ZVW The PRESIDENTS CORNER





## President Bob Burrier N2TSQ

Once again, we had an informative and full club meeting in March. Many thanks to Lloyd, N9RPU for leading the discussion on chasing HF using a computer. The meeting also highlighted a lot of progress in key areas including the membership campaigns, trailer project, and other topics. Additionally, it was fun to talk about our experiences in the Wisconsin QSO party and note how many of us participated. From my station, I submitted my log and got a few emails in reply regarding some errors I had made. The team running the event was very nice and helpful in correcting the errors, just like you would expect from a group of hams!

In addition to continuing to make progress on our ongoing projects, April will kick off activities for our the 2023 ARRL Field Day event. If have been talking with Jack Heil, our event chairman who has been leading this for a number of years. This will be Jack's last year, and I want to thank him for all he has done to make this successful over the years. Our challenge now is to learn his secrets to success so we can have many successful Field Days going forward. I am volunteering to spend an effort to learn as much as possible this year. Is anyone else interested in learning from the Master during his final year? Of course, we hope Jack will be around as an advisor for years to come! Please look forward to a lively discussion at our April meeting. There is certainly room for every club member to participate!

Lastly, I would like to thank everyone who has come forward with ideas and feedback for our club. Thanks to you, we have good suggestions for speakers at club meetings, topics of interest to members, and other very helpful suggestions. Please keep the constructive dialog coming. *73, Bob. N2TSQ* 

PS, please remember there are some nice pieces of equipment (power supply, tuner, amplifier) that have donated to benefit our club and managed by Dennis, KB9OFM. Everything is in almost new condition and a very good deal.

#### NEXT MEETING - Monday, April 10, 2023 Where: Moraine Park Technical College 235 N National Ave, Fond du Lac, WI Meeting Starts at 7:00 PM Room B-124





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#### ENTER ANMENT

**U.S.S** Wisconsin

**President's Corner by Bob Burrier Meeting Location Room B-124 Meet MIKE LAWRENCE N9UA** Aboard the U.S.S Wisconsin **QSO Party with Dave McCumber ARES / RACES** 23 in 23 Membership Drive **Secretary's Report Treasurers Report Heritage Page Upcoming Events Incredible Deals in the Classified Page FARC Downloads Aircraft Channels Membership Roster by Last Name Membership Application To Print Out** 



### Moraine Park Meeting Room B-124

We will be meeting in our new location for our meetings. Drive to the north side of the building so you can park next to our new meeting room. There is ample parking and it's a short walk to the room. Look for B-124.



## Official FARC Goody Table Set Up At Meeting

Back when we were meeting before Covid, we always had a table set up where you could select from some amazing things that other Ham radio operators would bring in to share. Piles of magazines, books, and even some hardware was brought in to borrow and give away. So it's time to clean out the radio shack of the accumulated stuff you don't want any more over the year of the pandemic. If you have old ham magazines, this is a great way to help distribute knowledge of

our great hobby! Take them home and when you are done reading them bring them back next month and put them on the table for the next ham! And if you have anything to sell, bring it and attach a note to it showing how much you want for the item and who you are. Older magazines are always welcome!

Hey FARC! // How are we doing

#### Publication Corrections and Distribution

The "FDL 73" newsletter is compiled and distributed by the members of the Fond du Lac Amateur Radio Club. It is distributed by E-mail free of charge to all its members. Members are encouraged to send copies freely to other Ham Radio enthusiasts, electronic hobbyists, and friends. The newsletter is the heartbeat of the club and members are encouraged to participate by lending stories, experiences, and expertise. Deadline for submission is 10 days before the next advertised meeting. For corrections and submissions please send them to backstagelive@gmail.com.

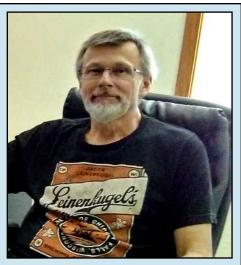




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Mike Lawrence N9UA became interested in radio at early age since his dad Bruce held the ham license W9MEP after WWII and until 1953, and then held the callsign K9AFI, WY9L and N9KF. Mike listened to shortwave broadcasts on table top radios and on a Hammarlund HQ-170A that his dad pur-

chased from Louie Simon. Bruce, his dad, was a CW operator and Mike learned Morse code by listening to hams on his shortwave receiver. He was licensed as a novice at 11 years old in 1974 as WN9PAU as part of novice class taught by the Fond du Lac Amateur Radio Club.

Mike's station as a novice was a Viking Challenger transmitter with a Knight Kit VFO and the HQ170A receiver. Back in that time period your novice class license was only good for two years and then you had to upgrade to general class. Mike went to the Chicago FCC office in 1976 to take his General class exam and passed the code but didn't pass the written exam. Mike lost interest in ham radio for a few years after that.

In 1983 Mike got his novice license through a class at Goodrich High School with the Electronics teacher Jeff Hoeft K9NC and got the callsign KA9QPP. He then went to Chicago FCC office and passed General class license exam as well as code exam and changed his call to N9EON. In 1985 he passed the Extra class exam along with 20 wpm code exam at the FCC office in Chicago. He changed his call to ND9O which he held until 1997. In 1997 through the FCC Vanity callsign program he changed his call to N9UA.

Mike says he owes a debt of gratitude to his dad Bruce for encouraging him to get his ham license and enjoying the hobby over the years. Bruce was a charter member along with Mike in 1991 when the current Fond du Lac Amateur Radio Club was restarted. Mike lives in Omro now and has a 45-foot tower with Cushcraft A-3S yagi that is permanently mounted and pointed towards Europe at the 25-foot level. He also uses two inverted L antennas, one of which is 155 ft long that is fed with 9:1 Balun Design unun for 80-10 meter coverage with one counterpoise. The other inverted L antenna is 88 ft. long and is fed with a Balun Designs 4:1 unun with one counterpoise. One the inverted L antennas is pointed north and south direction and the other inverted L is pointed in an east and west direction. Mike uses a lcom IC-7610 transceiver with a lcom IC-751A as a backup. He uses a LDG AT-1000 Pro Tuner to tune the inverted L's.

Continued.....





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Doug Schultz

He has a Begali CW key, Bencher paddles and Vibroplex Champion Bug which he got as a Christmas gift from his dad back in 1975. Mike uses the Bug and an old Navy Straight Key for Straight Key Night. Mike got involved with FT8 in October of 2022 because he wanted to work the Crozet Islands DX expedition this winter for DXCC Country 337 and found out they were going to operate FT8. He has found the FT8 mode is addicting and fun! He has worked 2000+ QSO's since then and worked 195 countries with 6 band DXCC on the digital mode. He did work the Crozet Islands DX expedition. Mike holds 9 Band DXCC and is on the Honor Roll with 337 countries confirmed. He has achieved DXCC on RTTY, SSB, CW and FT8. He also works the DXCC Challenge with over 2300 countries confirmed and has the WPX CQ Prefix awards for SSB, CW, Mixed and RTTY modes. Mike does a lot of DX contesting with Tom Harke AA9A during the year. Mike is currently on the board of directors for the Northeast Wisconsin DX Association. Mike encourages anyone interested in DX to check out NEWDXA.



MATEUR RADIO





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## ENTER ANMENT

Ham Radio Onboard THE U.S.S. WISCONSIN With Bill Mellema N3WM

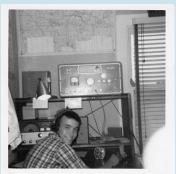


It is my honor to announce the entertainment for the April meeting will be Bill Mellema N3WM from the USS Wisconsin Ham Radio Club. We will be taking a trip to Norfolk, VA, to look at the incredible vintage radio equipment and explore the magnificent history of this vessel named after our state.

Bill received his first license in 1965 as WN3DHS running a DX-60/SX-99 to a inverted Vee and later moved up to a B&W 5100. "My current gear is a IC-7610 and a Argonaut VI. I use a Ameritron AL-80A amplifier when needed. The vintage station is a HQ180 receiver and a Johnson Ranger transmitter. My primary mode is CW. but I also operate RTTY." Bill is a member of QCWA chapter 119, USS Wisconsin BB64 Radio Club, CARS -Chesapeake Amateur Radio Service and received the Ham of the Year award in 2018.

Take a look at https://n4wis.org/. The website is full of incredible pictures and videos of the ship and it's pristine original radio setup. The station is located just aft of the Bridge (Level 03) on America's largest and last battleship. This web site also has information regarding the amazing history of BB-64, including videos that will take you on a below-deck tour and will show the firing of the "Wisky's" 16-inch guns. "There is much to explore here, and we hope you enjoy learning all about the USS Wisconsin. We serve as volunteer goodwill ambassadors for the Hampton Roads community. We strive to display our wonderful hobby, Amateur Radio, to the public and to help educate young people about Radio Communication and its usefulness to the Navy. By means of "Ham Radio" many persons throughout the United States and the world will learn about the presence of this great ship in our Historic Seaport." Please set aside Monday, April 10 at 7:00 PM for an incredible Skype tour of this amazing vessel and the great Ham Radio club that meets inside!











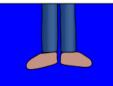


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See more pictures at https://www.navy-radio.com/ships/bb64-1.htm



Amateur Radio License Testing



## Next 2023 Exam Date is April 15th

The Fond du Lac Amateur Radio Club Volunteer Examiners have scheduled another testing date, April 15th, for 2023. Everyone taking amateur exams is required to get a FRN from the FCC website to put on their FCC application as well as provide a photo ID. I have a suggestion for people taking the Technician exam to also study for the General exam since if you pass the Tech. exam on the first try you can take the General exam for free. Cost of the exam is \$15. Preregistering is encouraged, but walk-ins are allowed at the exams. To pre-register for any of the exam sessions call Doug Schultz at 920-922-3088 or via email at: schultz74@charter.net.





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#### SHIP'S CREST

#### THE USS WISCONSIN CREST



USS WISCONSIN applies the Wisconsin State Motto, "FORWARD" to her mission of preserving freedom and serving the interest of the United States hence "FORWARD FOR FREEDOM."

The warship silhouette is a battleship designed to combine the most powerful guns, large size and the strongest armor. She is capable to dealing and absorbing the most damage. The crossed cutlass and sword represents the combat readiness of the enlisted personnel and officers aboard WISCONSIN.

Dark blue and gold are the colors traditionally associated with the United States Navy. The ship's wheel represents navigation and leadership and reflects WISCONSIN'S global capabilities and seaworthiness. The smaller shield, from the United States Coat of Arms points out our national heritage and also appears on the Wisconsin State Flag. During World War II WISCONSIN played a vital part in the attainment of U.S. Naval power as second to none in the world. She earned 5 battle stars for her World War II service and one for Korea. This total is represented by the stars around the ship's wheel.

The state's motto dates back to the 1850's. State officials at that time felt their motto should be descriptive of where the state was headed, and where the people should look. In an effort to keep their motto clear and understood by all, they opted for a less traditional English version, since most mottoes were in Latin. The progressivism of the state at that time has remained intact throughout the years.

"Recommissioning Ceremony Book, October 22, 1988





# FOND DU LAC AMATEUR RADIO CLUB — FDL 73 —



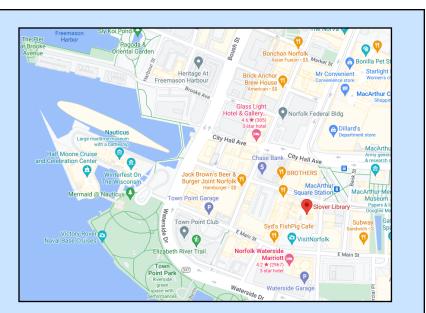
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### Visit Us

We are located on the USS Wisconsin Battleship (BB-64) located at the Nauticus Museum in Norfolk, VA.

To get to our radio shack requires you to climb three flights of steps with the third being quite steep. Please go to <u>Shack Information</u> for more instructions on how to get there.



## A message from Kim Jong-un







Kim Jong-un (call sign P5A) is the only amateur radio operator in North Korea. If you hear Kim on the air and are one of the lucky ones to work him, you will earn a prestigious award from the Worked All Central Korea Organization (also known as WACKO).

Great Marshall Kim encourages all comrade "cheeseheads" to participate in the Wisconsin QSO Party during March each year. In addition, the Supreme Commander's entire People's Red Army also commemorates the anniversary of the cessation of the bombardment of North Korea in March 1952 by the USS Wisconsin.

So come on down to the ship – CW and SSB operators are always needed – for the Wisconsin QSO Party – and to help Kim remember the shelling his grandfather got from BB-64. As a special prize, the club member who logs the most points gets a free DVD of the Sony motion picture "The Interview." Of course, it will be the hacked version, provided courtesy of the Glorious Chairman's IT Department. Spoiler Alert! You will love the ending.

When asked what he enjoys the most about the Wisconsin QSO Party, the 300-pound Dear Leader is quoted as saying, "Ham and Cheese! Hey, what's not to like?"





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## Dave McCumber N9WQ



Congratulations to the FARC members for their gallant effort in the Wisconsin QSO Party event! A big thank you to Dave McCumber N9WQ for his pep talk at out March meeting. It is too early to

publish any official numbers from the party, but when they come available from the QSO Party management they will be sent out in a special email to all the members so we will know right away how we did. As of this newsletter, we have some results from some of our members listed below. In our next newsletter we should have the official score for our members and for our club. Once again, thank you for your participation this year. After seeing this, we are going to have one heck of a Field Day!

FARC Member	Total	Ctys	State I	Prov+(	DX) Score
Dave McCumber	393	50	40	7	est 50000
Doug Schultz	360	41	46	6	49680
Joe Scheibinger	238	39	31	2	25804
Lloyd Vandervort	125				8437
Bob Burrier					est 8000



#### **"23 in 23" MEMBERSHIP DRIVE** With Phil Schmahl W9MW

With Phil Schmahl W9MW

Our new post cards were available at the March meeting for all to see! They turned out great. Phil is working out a game plan and we will have it before the April meeting. We will send out his plan in a separate email just before the April meeting. The mailing should go out right after the meeting so we should have some new members for the may meeting!





# FOND DU LAC AMATEUR RADIO CLUB **FDL 73** —



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## TAKE FIVE (Not just the best song ever written!)

Recently we had a couple of hams talking about APRS on a repeater in the area. They had some often-repeated misconceptions of APRS so I thought I would let them know my experiences. However as fast as one guy let go of the mic button the other one was talking! I drove about 20 miles and could not get into the conversation! A wide coverage repeater was tied up for about 23 minutes straight with no chance of another person entering the conversation. They paused just long enough for the repeater to not time out.

This happens often on nets and informal conversations on repeaters. In most cases it is not a hazard but this type of quick on the trigger responses is also heard during planned events and Skywarn nets. This causes doubling on the repeater and need to repeat information over and over.

Easy solution - Take Five! When a person ceases talking, count to 5 and if no one breaks in, resume the conversation!

This method is especially helpful during scheduled events when using the ICS 309 to record that a conversation is taking place. And it allows Emergency or priority traffic to break in or allow others to join in the conversation.

Packet repeaters, called digipeaters, form the backbone of the APRS system, and use store and forward technology to retransmit packets. All stations operate on the same radio channel, and packets move through the network from digipeater to digipeater, propagating outward from their point of origin.



## Thank You for Being a FARC member

Dues are \$15 for individuals, \$7.50 for students and family memberships are \$20. You can pay Doug Schultz at any meeting. Sign up a new or expired member that has been away for more than a year and you will get your dues FREE of charge with the "23 in 23" incentive program. Send your dues or application (attached in newsletter) to:

Doug Schultz N9EZF Fond du Lac Amateur Radio Club, P.O. Box 53, Fond du Lac, WI 54936







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Month	of March 2023		K	<i>lepc</i>	ort			R	
		Duration	T	Ground		Castinga		Doug Schul	tz N9EZF
		Previous Month	Income & Expenses	Current Total	Cash		Checking Account	CD	Other
	DIO CLUB	WOIIII	Expenses	Total	Casil	Account	Account	00	ottier
Truck F		0.00	0.00	0.00			0.00		
Emerge	ency Svc Fund	2,059.45	0.00	2,059.45			1,592.29	467.16	
General	l Use Fund	5,090.13	1149.00*	6244.13*			5,047.61	1,196.52	
Savings	Account	25.00	0.00	25.00		25.00			
Petty Ca	ash Fund	19.12	0.00	19.12	19.12				
	TOTALS	7,193.75	j	8,347.70					
FDL RE Repeate	PEATER ASSN. er Fund	154.36	0.00	154.36			0.00	154.36	
	TOTALS	154.36		154.36					
	*Corrected to match	checkbook bala	ince						
				TOTALS	19.12	25.00	6,639.90	1,818.04	
	Income								
	Dues								150.00
	Raffle				_				24.00
	Sale of VHF/UHF								100.00
	Sale of HF radio								900.00
								TOTAL	1,174.00
	Expenses								
	Incorp. Renewal								25.00
								TOTAL	25.00



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#### **Minutes for March**

Meeting called to order 7:00pm with president Bob Burrier N2TSQ presiding. Introductions of attendees with a twist. Every one was to mention their favorite radio. Program: Lloyd Vandervort explains and discusses DX spotting and how id helps to find where new DXpeditions and special event stations are located. That also helps to find out which way the signals were propagating and where your signals were being received. There was a motion to approve last months minutes by Dave McCumber N9WQ this was seconded by Cully Kowal KS0D. Any discussion or objections ? None the motion passed. Treasures report by Doug Schultz N9EZF. There was a motion to approve the report by Tim Brusky N2TIM and seconded by Justin Buell.KC9YET Any discussion or objections? None the motion passed. Testing, the next session will be on April 15 there were 10 tested last time. 501(c3) it is still in the works we gave them more information and we are still waiting. 23 in 23 campaign we will be sending out fliers to all hams in the area. The go box is being assembled so it can be ready if we want to activate sites like the lighthouse. WIQSO Party 8 members said that they participated in the contest. The next big contest will be at the end of June will be Field day. Trailer: we will be getting a group together to design and get the trailer ready for field day. Dennis Paulin KB9OFM mentioned that there is still equipment for sale from the Louis Simon estate. We need someone to update the clubs website. We need someway to have a place for our club assets / documents? Also we need to know where all our equipment is located. We need to list all the upcoming events in the newsletter. Brat Fry at festival? They need a 990 form submitted. Do we have enough volunteers to run it? There is a bill to pay for all the cards that we are sending out. There was a motion to pay for the cards by Bob Burrier N2TSQ and seconded by Cully Kowal KSOD. Any discussion or objections? None the motion passed. There was a motion to adjourn by Phil Schmahl W9PHL and seconded by Cully Kowal KSOD. Meeting adjourned 8:35 pm. Lloyd Vandervort sitting in for vacationing Tom Powel



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It's fun to go back in history and look at the achievements we have made as Amateur Radio operators. So throughout the year we will investigate old and fun news stories about local radio and local Hams from our area.

These articles were found in the "Heritage" box of memorabilia we have! The article below is from 2005 and the one on the right the date is unknown. Field Day is coming up and we need to rally the members for one of the most fun and fulfilling events on our calendar. See you at the meeting!

# **FdL** Amateur **Radio Club** turns 50

THE REPORTER STAFF

The Fond du Lac Amateur Radio Club turns 50 today.

The club's 50th anniversary will be celebrated with activities throughout the year, according to Club President Gene Olig.

A "Fifty Year Celebration" QSL card will be sent to amateur radio operators around the



world who make contact with the club station, W9EBV, during any of the planned events this year. QSL is code for "I confirm contact with you.'

**Gene Olig** 

A QSL card is a confirmation of radio contact between two radio amateurs.

The club currently has 40 active members. Several of the current club members have been with the club for most of its existence dating back to 1956.

The club's primary function is to provide a forum where local radio amateurs can exchange technical information about equipment and procedures. Members also work with the local chapter of the American Red Cross to provide emergency communications in the event of a natural or man-made disaster that disables major communications systems.

The club meets on the second Monday of each month in room O-104 in Moraine Park Technical Institute at 7 p.m. For more information on the

Fond du Lac Amateur Radio Club, call Steve Smith at (920) 922-4835 or Doug Schultz at (920) 922-3088.

# FdL ham radio operators defend title

#### By Andrew Hellpap HE REPORTER hellpap@fdlreporter.com

The Fond du Lac Amateur Radio Club enjoyed another successful year in attempting to defend its title in the AARL Field Day 2005 competition Saturday and Sunday in the north parking lot of University of Wisconsin-Fond du Lac

The competition is a nationwide contest involving licensed radio clubs. The goal of the competition, said Fond du Lac Amateur Radio Club member Gene Olig, is to contact as many people as possible using radio signals in 24 hours, but the catch is the radios must be powered by portable power supplies like a generator or battery, just like an emergency situation.

This year the club made 2,184 contacts, compared to 2,234 in 2004 a year they won the competition. The club won't know until October who won this year, Olig said, because it takes time to gather the information from the other clubs.

'It went quite well," Olig said. "It's just a big contest, and the whole thing is to have fun."

The group uses two types of radio communication to compete in the event, Olig said. One type is similar to what a truck driver might do on the highway, except with a much more powerful radio-just call out with a microphone over the air and wait for a response. This goes on at what Olig calls the "phone tent.

On Saturday, the group re-



The Reporter photo by Justin Connaher

Ham radio operator Doug Schultz of North Fond du Lac makes contact with a station transmitting from western Pennsylvania on Saturday from his post at the University of Wisconsin-Fond du Lac. The Fond du Lac Amateur Radio Club set up its post at a UW-Fond du Lac parking lot as part of field day competition for amateur radio clubs.

away as Hawaii and Missouri and made contact with two satellites. The contest ended at 1 p.m. Sunday. Olig said the radio operator

will call out with a standard greeting like, "wisky nine ecco bravo victor." The call-out usually starts with a "see cue," Olig said, which in radio speak, means calling anybody.

The other type of transmission that counted toward the contest total is the most basic of radio signals-Morse code.

The man who built the code

ceived responses from as far radio for the club, club member Todd Fonstad of Oshkosh, said the code manner of communication is still important despite that fact that people think it no longer useful.

"Some people say it is outdat-ed, but it is not," he said. Over at the "code tent," as Olig refers to it, the two opera-tors work night and day to make contact. Olic said. But make contact, Olig said. But, they don't have to press the button every time they want to make the Morse code beep; today everything is automated, Fonstad said.

For those who have wondered what would happen in a. disaster if all lines of communication in a city went down, the saviors may very well be the members of the Fond du Lac Amateur Radio Club.

The club, which helped out in the 1996 Oakfield tornado that devastated that community, could serve as a valuable communications resource in the community if need be.

"Basically, what you've got is a bunch of people who are ready to respond in an emer-gency in minutes," he said.





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And on our 10 meter Net on Sunday's at 6:15 PM 28.450 / Chat on Thursday's at 8:00 PM 28.360

## FARC RECORDED MEETINGS

Videotaped by Lloyd Vandervort N9PRU

	videotaped by Lloyd validei volt Nol Ko
CLICK HERE	FARC - W3AO Field Day Presentation
CLICK HERE	FARC - Bob Heil Ham Radio Presentation
CLICK HERE	FARC - WWV Presentation
CLICK HERE	FARC - Pacific Antenna Talks Kit Building
CLICK HERE	FARC - Scanner Master Presentation
CLICK HERE	FARC - WBAY Field Trip TV (11/17/15)
CLICK HERE	FARC - WBAY transmitter tour DOWNLOAD
CLICK HERE	FARC - NooElec
CLICK HERE	FARC - Elecraft Radio
CLICK HERE	FARC - Ed Tobias & Morse Code
CLICK HERE	FARC - Salvation Army Emergency Communications
CLICK HERE	FARC - KFIZ, Morning Show with Bob Hoffmaster
CLICK HERE	FARC - HAARP interview from Alaska
	FARC - The "DZ Kit" Ham Radio Kits (02/12/2018)
CLICK HERE	FARC - Christmas Island DXpedition with Bill Kendall (04/09/18)
CLICK HERE	FARC - Restoring Old Antique and Classic Radios (5/17/2019)
CLICK HERE	FARC - SDR Radio with Steve Brightman (01/10/2022)
CLICK HERE	FARC - Paul Ewing and his Incredible DXpeditions Around the World
CLICK HERE	FARC - Fond du lac Amateur Radio Club presents Dave Sumner IRAU
CLICK HERE	FARC - Solar Cycles with Carl Luetzelschwab K9LA (03/14/22)
CLICK HERE	FARC - The Collection & Legend of George E. Ulm W9EVT (04/11/22)
CLICK HERE	FARC - Field Day 2022 radio interview on KFIZ (6/20/22)
CLICK HERE	FARC - Radio Deluxe Software with Dr. Carper (7/11/22)
CLICK HERE	FARC - Hiding the Antenna in the Attic with John Portune (8/15/22)
CLICK HERE	FARC - Loop Antennas with John Portune (11/14/22) Nov. Meeting
CLICK HERE	FARC - ARES / RACES with Stan Piekarczyk K9STN (2/13/23)
CLICK HERE	NEW





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#### INTERESTING THINGS TO DO!

FARC Meeting at Moraine Park Monday, April 10, 2023

FARC FCC Testing Session Monday, April 15th, 2023



04/15/2023 (See Newsletter) <u>Madison Hamfest</u> Location: Stoughton, WI **Type:** ARRL Hamfest **Sponsor:** Madison Area Repeater Assc Website: <u>http://www.w9hsy.org</u>

05/06/2023 (See Newsletter) ORC 43rd Annual Spring Indoor Swapfest Location: Cedarburg, WI Type: ARRL Hamfest Sponsor: Ozaukee Radio Club, Inc. Website: https://www.ozaukeeradioclub.org/

06/03/2023 - <u>Green Bay Hamfest</u> Location: Green Bay, WI **Type:** ARRL Hamfest **Sponsor:** Green Bay Mike & Key Club **Website:** <u>http://www.k9eam.org</u>

07/08/2023 - <u>WI9SM Swapfest</u> Location: Oak Creek, WI **Type:** ARRL Hamfest **Sponsor:** South Milwaukee Amateur Radio Club **Website:** <u>http://WI9SM.org</u>



#### Incredible Deal on Ham Radio Equipment

Here is some Ham Radio gear that was donated to our club by a friend of Dennis's. All of the equipment is top of the line, and in mint shape. In fact some of it has never been used!

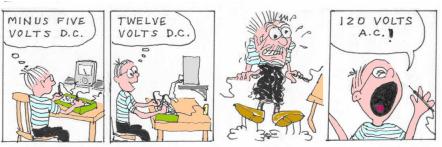


Proceeds from this equipment will be donated to the club. Please contact Dennis directly if you would like to purchase any of this great equipment. Dennis's email address is rmaflat22@hotmail.com, or you can call him at 920-923-6928. With an amp that big you may get some points for contacting the planet Mars at the next WI QSO Party!



**Rich Regent, K9GDF** 

#### ELMER







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## CLIP AND SAVE FOR YOUR SHACK

#### Aviation Frequencies

Frequency rang	ge	Aircraft syster	n	Rad	io spectrum	
105 to 140 MHz		LOS VOR(Very High VHF	R(Very High Frequency Omnidirectional Range)			
325 to 340 MHz GS		328.	328.6 to 335.4			
A D G		ATCRBS(Air Tr			1090 1030 962 to 1213 1227.60 1176.45	
1565 to 1585 MH	Hz	L1		157	5.42 +/- 2	
121.50000 M 121.95000 M 122.75000 M 122.77500 M	CS   CS   CS   CS	Q AvSup 121.95 Q Air-Air 122.750 Q AvSup 122.775	Description Aircraft Emergency and Distress (VNF Guard) Aviation Support Aviation Support	Mode AM AM AM	Tag Aircraft Business Aircraft Business	
122.85000 M 122.90000 M 122.92500 M 123.02500 M 123.10000 M 123.12500 M	12 13 13 13 13 13 13 13 13 13 13 13 13 13	Q Multi 122.9 Q Multi 122.925 Q Helo Air-Air Q SAR Primary	Nultices, Aviation Support Multices, Search and Rescw Training Nultices - Special Use, Natural resource management Helicopter Air-to-Air Search and Rescw primary, ATC for special events sec Flukh Tatt Limarant	АМ АМ АМ АМ АМ	Aircraft Aircraft Aircraft Aircraft Aircraft Rusiness	
123.12300 M 123.15000 M 123.27500 M 123.20000 M 123.22500 M 123.22500 M	10 10 10 10 10	<pre>Q FlightTest123.15 Q FlightTest123.17 Q FlightTest123.2 Q FlightTest123.22</pre>	right (mit linnennt Flight Tast linnennt Flight Tast linnennt Flight Tast Flight Tast Flight Tast	AM AM AM AM AM	Business Business Business Business Business Business	
123.27500 M 123.30000 M 123.32500 M 123.35000 M 123.35000 M	CS CS	Q FlightTest123.27 Q AvSup 123.3 Q FlightTest123.32 Q FlightTest123.35	Fight Test Aviation Support Flight Test Flight Test Flight Test	АМ АМ АМ АМ АМ	Business Business Business Business Business	
123.40000 M 123.42500 M 123.45000 M 123.47500 M 123.50000 M	(2) (2) (2) (2) (2) (2) (2) (2)	Q FlightTest123.4 Q FlightTest123.42 Q FlightTest123.45 Q FlightTest123.47	Flight Test itinerant Flight Test itinerant Flight TestUnofficial Air-to-Air Flight Test Aviation Support	АМ АМ АМ АМ	Business Business Business Business Business	
123.52500 M 123.55000 M 123.57500 M 126.20000 M 134.10000 M	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	Q FlightTest123.55 Q FlightTest123.57 Q MilCon 126.2	Flight Test Flight Test Flight Test Willtary Common (advisory) Willtary Common (advisory)	АМ АМ АМ АМ	Business Business Business Aircraft Aircraft	
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121.77500 M 122.70000 M 122.72500 M 122.80000 M 122.97500 M	CSI CSI CSI CSI CSI	Q FAA 122.700 Q FAA 122.725 Q FAA 122.8	Emergency Locator Transmitter (ELT) Training Seacons Unicon Unicon Unicon Unicon	АМ АМ АМ АМ АМ	Aircraft Aircraft Aircraft Aircraft Aircraft	
123.00000 M 123.05000 M 123.07500 M 122.95000 B	K CSI	Q FAA 123.05 Q FAA 123.075	Unicon Unicon Unicon Unicon - Controlled Airports	Ам Ам Ам Ам	Aircraft Aircraft Aircraft Aircraft	

Frequency Range	Band Designation
190 - 435 & 510 - 535 kHz	Non-directional Beacons (NDB)
2100 - 28,000 kHz	HF Radio Communications
75 MHz	NAV-AID (Marker Beacons)
108 - 112 MHz	VOR and ILS Localizer
112 - 118 MHz	VOR, SCAT-I Radio navigation link
118 - 137 MHz	VHF Air & Ground Communications
138 - 150.8 & 162 - 174 MHz	Fixed, Mobile
225 - 328.6 & 335.4 - 400 MHz	UHF Air , Ground Communications (in US Military)
932 - 935 & 941 - 944 MHz	RMM, LLWAS, LDRCL etc.
960 - 1215 MHz	NAV-AID (TACAN / DME, etc.)
1030 & 1090 MHz	Air Traffic Control Radar Beacon, Mode S, TCAS
1215 - 1400 MHz	Air Route Surveillance Radar, GPS and GLONASS L1
1545 - 1559 MHz	Satellite Based Communication (To the Aircraft)
1559 - 1610 MHz	Satellite Navigation , GPS and GLONASS L1
1646.5-1660.5MHz	Satellite Based Communication (From Aircraft)
1710 - 1850 MHz	LDRCL, fixed links
2700 - 3000 MHz	Airport Surveillance and Weather Radar
5000 - 5250 MHz	Microwave Landing System
5600 - 5650 MHz	TDWR
7125 - 8500 MHz	RCL
9000 - 9200 MHz	Military Precision Approach Radar
14.4 - 15.35 GHz	Microwave Link
15.7 - 16.2 GHz	Radar (e.g. ASDE-3)
21.2 - 23.6 GHz	Microwave Communication Link



# FOND DU LAC AMATEUR RADIO CLUB — FDL 73 —



#### APRIL 2023 WWW.FDLHAMS.COM

Join us on Sunday evenings for our weekly Net - 7:30 PM on 145.430 MHz - Tone 97.4 Hz And on our 10 meter Net on Sunday's at 6:15 PM 28.450 / Chat on Thursday's at 8:00 PM 28.360

# 52<sup>nd</sup> Annual Madíson Hamfest



Sponsored by MARA, the Madison Area Repeater Association A Non-Profit Organization

## Saturday April 15, 2023 8:00 AM until 12:00 PM

The MARA Hamfest features vendors of new and used equipment for Amateur Radio, Electronics, Computers, computer parts and software. Come see our huge Flea Market in the Mandt Community Center's spacious 26,000 sq ft main hall.

#### VE testing starts at 10:00 AM.

Vendor space is sold on a "first come, first served bases"

Location:	Mandt Community Center (Same location since 2000)
GPS:	North 42.91157 West 89.21647
Address:	400 Mandt Parkway, Stoughton, Wisconsin
Directions:	Take US Hwy 51 South from Madison to downtown Stoughton, WI.
	Turn South on 4 <sup>th</sup> Street and the Mandt Center is 3 blocks ahead on the left
Talk in:	MARA's Wide Area Repeater 147.150 MHz (+600) pl 123.0
Parking:	Free
Seller Setup:	Friday night 6:00 PM to 8:00 PM and Saturday morning, 6:00 AM

## Ticket, Table and Chair Prices

Tables are limited to availability!

lamfest general admission tickets: ges 12 and younger: FREE	Purchased on website At the door <u>CASH ONLY</u>	\$8.00 per person ! \$10.00 per person
Eight-foot vendor table fees	Purchased by April 1 <sup>st</sup>	\$20.00
Admission tickets are <b>NOT</b> included In the price of tables	After April 1 <sup>st</sup>	\$25.00
Chairs		\$5.00
AC Service		\$30.00
Admission ticket along with table rental i	s <b>Required</b>	At the door is CASH ONLY

MARA is not responsible for theft or damage. All orders are final - No refunds.

Hamfest tickets, and vendor table space can be purchased at the MARA website: <u>www.w9hsy.org</u> If you have questions about purchasing tickets, chairs, table space. Please check the web page or contact us by e-mail at <u>hamfest@w9hsy.org</u> or call 608-205-1994







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Jeremiah         Alderden         KC9SGL           Reinholt         Aschmotat         N8VDH           Gabriel         Baio           Donald         Bakke         KD0HCW           Jim         Balthazor         K9AlX           Todd         Beay         AC9EX           Ed         Beltz         N9PJQ           Donna         Blend         KC9TFN           Paul         Bleuel         KC9NAA           Blend         Bowen         KC9VXV           Timothy         Braun         W9AAV           Travis         Brockman         KD9WQB           Tim         Brusky         N2TIM           Marjean         Buck         KC9LFN           Justin         Buell         KB9YET           Robert         Burrier         N2TSQ           Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Watter         Drees         KD9JAD           Debra         Drees         KD9IAN           Ray         Grenier         KO9ZVW      <	First	Last	Call Sign
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Marjean         Buck         KC9LFI           Neal         Buck         KC9LFN           Justin         Buell         KB9YET           Robert         Burrier         N2TSQ           Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Detar         Drees         WD9CYM           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9LAH           Ben         Haack         KD9LAH           Ben         Haack         KD9LAH           Dave         Harms         Jack         He		Brusky	
Neal         Buck         KC9LFN           Justin         Buell         KB9YET           Robert         Burrier         N2TSQ           Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Mark         Everson         KC9FZE           Dick         Finn         KC9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Grend         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9LAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN			
Justin         Buell         KB9YET           Robert         Burrier         N2TSQ           Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Brad         Frens         KC9FZE           Dick         Finn         KC9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAN           Ben         Haack         KD9LVQ           Brad         Hansen         Dave			
Robert         Burrier         N2TSQ           Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack         He			
Don         Chapman         KC9KZQ           Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KC9FZE           Dick         Finn         KC9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9IAH           Ben         Haack         KD9INA           Jack         Heil         KG9IN			
Lee         Clausen         KC9ZVZ           Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KC9FZE           Dick         Finn         KC9FZYW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9EMX           Tom         Karrmann         KC9YVL           Bill         Kieckbush         KG9IO			
Jim         Cole         N9WAP           Frank         D'Imperio         KD9OXO           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KC9FZE           Dick         Finn         KC9FZE           Dick         Finn         KC9FZYW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9EMX           Tom         Karmann         KC9XYV           Ron         Keller         KC9YV			
Frank         D'Imperio         KD90X0           Walter         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KD9JAD           Debra         Drees         KC9FZE           Dick         Finn         KC9FZW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9EMX           Tom         Karmann         KC9VZY           Ron         Keller         KC9VVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K92PU           Cully         Kowal         KS0D			
Walter         Drees         KD9JAD           Debra         Drees           Kirk         Everson         KC9FZE           Dick         Finn         KC9FZW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9VVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K92PU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Kraus         KD9UWD           Dawn </td <td></td> <td></td> <td></td>			
Debra         Drees           Kirk         Everson         KC9FZE           Dick         Finn         KC9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9VVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K92PU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           D			
KirkEversonKC9FZEDickFinnKC9ZVWMarkForssWD9CYMPeterFoxKB9WZDBradFreundKC9QYPBradGehrtKA9JDEDerekGieseKD9IANRayGrenierK9KHWErlingGruelWB9OJDTedGustavusKD9IAHBenHaackKD9LVQBradHansenDaveHarmsJackHeilKG9INBillHutchinsonKD9TQADougIversonAC9XWRichardJarzynkaKD9EMXTomKarmannKC9VZYRonKellerKC9IVLBillKieckbushKG9IOPatrickKnowlesK92PUCullyKowalKS0DMikeKrausKD9UWDDawnKrausKD9UWDDawnKrausKD9CAWScottKreisWendyKudrowiczNateKValnickLarryLamontKB9POPJeffLaneKD9SIMBuddyLarsonKC9UVJJoeLauberKC9MDYMichelleLawrenceN9RQL			KUSJAU
Dick         Finn         KC9ZVW           Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9VVI           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Kraus         KD9UWD			KCOEZE
Mark         Forss         WD9CYM           Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB9OJD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVI           Bill         Kieckbush         KG9ID           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Kraus         KD9UWD           Dawn         Kraus         KD9CAW			
Peter         Fox         KB9WZD           Brad         Freund         KC9QYP           Brad         Gehrt         KA9JDE           Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K92PU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Kraus         KD9UWD           Dawn         Kraus         KD9UWD           Dawn         Kraus         KD9UWD			
Brad       Freund       KC9QYP         Brad       Gehrt       KA9JDE         Derek       Giese       KD9IAN         Ray       Grenier       K9KHW         Erling       Gruel       WB90JD         Ted       Gustavus       KD9IAH         Ben       Haack       KD9LVQ         Brad       Hansen       Dave         Dave       Harms       Jack         Jack       Heil       KG9IN         Bill       Hutchinson       KD9TQA         Doug       Iverson       AC9XW         Richard       Jarzynka       KD9EMX         Tom       Karrmann       KC9VZY         Ron       Keller       KC9YVI         Bill       Kieckbush       KG9IO         Patrick       Knowles       K92PU         Cully       Kowal       KS0D         Mike       Kraus       KD9UWD         Dawn       Kreiss       Wendy         Wendy       Kudrowicz       Nate         Nate       Kvalnick       Larry         Larny       Lamont       KB9POP         Jeff       Lane       KD9SIM         Buddy <tdl< td=""><td></td><td></td><td></td></tdl<>			
Brad       Gehrt       KA9JDE         Derek       Giese       KD9IAN         Ray       Grenier       K9KHW         Erling       Gruel       WB9OJD         Ted       Gustavus       KD9IAH         Ben       Haack       KD9LVQ         Brad       Hansen       Dave         Dave       Harms       Jack         Jack       Heil       KG9IN         Bill       Hutchinson       KD9TQA         Doug       Iverson       AC9XW         Richard       Jarzynka       KD9EMX         Tom       Karrmann       KC9VZY         Ron       Keller       KC9YVL         Bill       Kieckbush       KG9IO         Patrick       Knowles       K92PU         Cully       Kowal       KS0D         Mike       Kraus       KD9UWD         Dawn       Kreis       Wendy         Wendy       Kudrowicz       Nate         Nate       Kvalnick       Larry         Larry       Lamont       KB9POP         Jeff       Lane       KD9SIM         Buddy       Larson       KC9UVJ         Joe       La			
Derek         Giese         KD9IAN           Ray         Grenier         K9KHW           Erling         Gruel         WB90JD           Ted         Gustavus         KD9IAH           Ben         Haack         KD9LVQ           Brad         Hansen         Dave           Dave         Harms         Jack         Heil           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVI           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9UWD           Dawn         Krause         KD9UWD           Dawn         Krause         KD9UWD           Mate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane			
Ray       Grenier       K9KHW         Erling       Gruel       WB9OJD         Ted       Gustavus       KD9IAH         Ben       Haack       KD9LVQ         Brad       Hansen			
Erling       Gruel       WB9OJD         Ted       Gustavus       KD9IAH         Ben       Haack       KD9LVQ         Brad       Hansen          Dave       Harms          Jack       Heil       KG9IN         Bill       Hutchinson       KD9TQA         Doug       Iverson       AC9XW         Richard       Jarzynka       KD9EMX         Tom       Karrmann       KC9VZY         Ron       Keller       KC9YVL         Bill       Kieckbush       KG9IO         Patrick       Knowles       K9ZPU         Cully       Kowal       KS0D         Mike       Krause       KD9UWD         Dawn       Kreiss       Wendy         Wendy       Kudrowicz       Nate         Nate       Kvalnick       Larry         Lamont       KB9POP       Jeff       Lane         Joe       Lauber       KC9UVJ         Joe       Lauber       N9RQL			
Ted     Gustavus     KD9IAH       Ben     Haack     KD9LVQ       Brad     Hansen       Dave     Harms       Jack     Heil     KG9IN       Bill     Hutchinson     KD9TQA       Doug     Iverson     AC9XW       Richard     Jarzynka     KD9EMX       Tom     Karrmann     KC9VZY       Ron     Keller     KC9YVL       Bill     Kieckbush     KG9IO       Patrick     Knowles     K9ZPU       Cully     Kowal     KS0D       Mike     Kraus     KD9UWD       Dawn     Kreiss     KU9UWD       Dawn     Kreiss     Wendy       Wendy     Kudrowicz     Nate       Nate     Kvalnick     Larry       Larry     Lamont     KB9POP       Jeff     Lane     KD9SIM       Buddy     Larson     KC9UVJ       Joe     Lauber     KC9MDY			
Ben         Haack         KD9LVQ           Brad         Hansen            Dave         Harms            Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Krause         KD9CAW           Scott         Kreis         KU9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         KD9CAW           Scott         Kreis         KU9CAW           Jate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KO9MDY			
Brad     Hansen       Dave     Harms       Jack     Heil     KG9IN       Bill     Hutchinson     KD9TQA       Doug     Iverson     AC9XW       Richard     Jarzynka     KD9EMX       Tom     Karrmann     KC9VZY       Ron     Keller     KC9YVL       Bill     Kieckbush     KG9IO       Patrick     Knowles     K9ZPU       Cully     Kowal     KS0D       Mike     Krause     KD9CAW       Scott     Kreis       Wendy     Kudrowicz       Nate     Kvalnick       Larry     Lamont       Jeff     Lane       Buddy     Larson       Michelle     Lawrence       N9RQL			
Dave         Harms           Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Krause         KD9CAW           Scott         Kreis         KD9CAW           Scott         Kreis         KD9CAW           Jatrick         Kudrowicz         Nate           Wendy         Kudrowicz         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY			KD9LVQ
Jack         Heil         KG9IN           Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Krause         KD9CAW           Scott         Kreis         KU9CAW           Scott         Kreis         KU9CAW           Jath         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY			
Bill         Hutchinson         KD9TQA           Doug         Iverson         AC9XW           Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9I0           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Krause         KD9CAW           Scott         Kreis         KD9CAW           Scott         Kreis         KD9CAW           Jate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY			KOON
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Richard         Jarzynka         KD9EMX           Tom         Karrmann         KC9VZY           Ron         Keller         KC9VZY           Bill         Kieckbush         KG9I0           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Krause         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         Kudrowicz           Nate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY			
Tom         Karrmann         KC9VZY           Ron         Keller         KC9YVL           Bill         Kieckbush         KG9IO           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         Kudrowicz           Nate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL	-		
Ron         Keller         KC9YVL           Bill         Kieckbush         KG9I0           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         Kudrowicz           Nate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Bill         Kieckbush         KG9I0           Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         Kudrowicz           Nate         Kvalnick         Larry           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Patrick         Knowles         K9ZPU           Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis         Kowal           Wendy         Kudrowicz         Kudrowicz           Nate         Kvalnick         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Cully         Kowal         KS0D           Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis           Wendy         Kudrowicz           Nate         Kvalnick           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Mike         Kraus         KD9UWD           Dawn         Krause         KD9CAW           Scott         Kreis           Wendy         Kudrowicz           Nate         Kvalnick           Larry         Lamont           Jeff         Lane           Buddy         Larson           Joe         Lauber           Michelle         Lawrence			
Dawn         Krause         KD9CAW           Scott         Kreis           Wendy         Kudrowicz           Nate         Kvalnick           Larry         Lamont           Jeff         Lane           Buddy         Larson           Joe         Lauber           Michelle         Lawrence	-		
Scott         Kreis           Wendy         Kudrowicz           Nate         Kvalnick           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Wendy         Kudrowicz           Nate         Kvalnick           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			KD9CAW
Nate         Kvalnick           Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Larry         Lamont         KB9POP           Jeff         Lane         KD9SIM           Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL			
Jeff Lane KD9SIM Buddy Larson KC9UVJ Joe Lauber KC9MDY Michelle Lawrence N9RQL			
Buddy         Larson         KC9UVJ           Joe         Lauber         KC9MDY           Michelle         Lawrence         N9RQL	-		
Joe Lauber KC9MDY Michelle Lawrence N9RQL			
Michelle Lawrence N9RQL			
Mike Lawrence N9UA			
	Mike	Lawrence	AU6N

# Alphabetized by LAST NAME

**FARC Membership Roster** 

These are the devoted members of one of the best Amateur Radio Clubs in the Midwest, dedicated to community service, and dedicated to preserve and protect one of the greatest hobbies in the world.

Amateur Radio operators come from all walks of life -- doctors, students, kids, politicians, truck drivers, movie stars, missionaries and even your average neighbor next door. They are of all ages, sexes, income levels and nationalities. Whether through Morse Code on an old brass telegraph key, voice communication on a hand-held radio or computerized messages transmitted via satellite, all hams use radio to reach out to the world and serve their fellow man.



	Leach	Garrett
N9SBQ	Lehner	Chris
AA9UU	Leonard	Pete
AA7BQ	Lloyd	Fred
K9LA	Luetzelschwab	Carl
KD9FPG	Lundberg	Isaac
K9HX	Mahnke	Chuck
N9WQ	McCumber	David
WD9BAJ	McDermott	Larry
K9GSM	Meyer	Gabriel
K9WKM	Meyer	Walter
KC9RUE	Mielke	Larry
KC9ZVT	Murray	Doug
NOHOR	Murray	Tom
KC9MYG	Nelson	Randy
W9LUQ	Neuburg	Ted
K9FDL	Olig	Dot
W9TJP	Pachner	Tom
KC9QYR	Pass	Tony
KB90FM	Paulin	Dennis
KD9IAG	Peterson	Gene
KC9VXR	Powell	Tom
	Regent	Richard
KC9ZVX	Salazar	Fernando
K9VY	Scheibinger	Joe
W9MW	Scheibinger	Phil
KD9EHB	Schmude	
	Schultz	Gregory
N9EZF		Doug
N9WAM	Scovronski	James
W9VY0	Sipple	Ed
W9GP	Smith	Steve
KD9WFY	Soboleski	Mark
N9NEZ	Stark	Gabriel
KB1ZJK	Steinfield	Ed
	Sturtevant	Tom
KD9QLE	Teschke	Raymond
KD9WQE	Teutschmann	Kevin
KC90NY	Trethewey	Tom
KC9LFR	Turkiewicz	Brian
N9KLK	Tvrdy	Paul
N9RPU	Vandervort	Lloyd
	Wagner	Bob
	Weber	Dennis
<b>KD9VNB</b>	Weed	Chris
K9ZW	Weinert	Steve
W9NHE	Willett	Ted
KC9YQS	Winchell-Beltz	Laurie
N9ICD	Winslow	Tim
WD9W	Witt	Dave
KD9CSD	Yates	Mathew
	Yates	Laura
KD9KTY	Zimmerman	Matthew
<b>NDON</b>	Zimmerman	martinew



#### FOND DU LAC AMATEUR RADIO CLUB, INC.

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### **MEMBERSHIP INFO & APPLICATION**

Please Print All Information Complete both sides of this Application

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Phone		Cell Phone Sponsor Name	
E-mail Address			
Do vou have a web s	ite? If so, list here		

#### Membership Dues

Individual Dues are \$15 per year. Full-time student membership is \$7.50 per year. Family memberships are \$15 per year plus \$5 for each additional family member--if your spouse/son/daughter is licensed, please have him/her complete a separate Membership Application. Dues are payable upon acceptance of your Membership Application by vote of the membership at a Regular Meeting, and at the first meeting in January of each year thereafter.

NOTE: Dues for NEW members are pro-rated if joining after July 1st:

□ Individual \$7.50 □ Student\$3.75 □ Family \$10 + \$2.50 for each additional family member

#### **Membership Application**

I hereby apply for membership in the Fond du Lac Amateur Radio Club, Inc. I agree to abide by the Constitution and By-laws of the Club. And, recognizing that an organization does not run itself, I agree to serve on any committee or in any elected office to which I can give the proper time and attention, to the best of my ability. I understand that, as a member, I am expected to help at all events, including fund raising events that are sponsored by the Club. I will conduct myself appropriately both on the radio and in person so as to set a good example for other hams as well as the community.

Signed	Date
olghed	Duto

Please bring your Membership Application to a regular Club Meeting or mail it to the Club at the address on the top of this page.

#### **Background and Interests**

Please tell us a little about yourself: Where you work; married; children; what other hobbies you are interested in?

Please tell us a little about your "ham shack" and your interests in the Amateur Radio hobby. (Radio equipment, antennas, DX, contesting, rag chewing, HF, VHF, UHF, Packet, RTTY, Microwave, EME, satellite, emergency preparedness, etc...) If not yet licensed, are you into shortwave listening?

How did you hear about the Club?

Security Preferences		
Do you want your phone number listed in the on-line Club Directory?	□ Yes	🗆 No
Do you want your cell phone number listed in the on-line Club Directory?	□ Yes	🗆 No
Do you want your E-mail address listed in the on-line Club Directory?	□ Yes	🗆 No
Interests		
Are you a member of the ARRL (American Radio Relay League)?	Yes	🗆 No
Are you interested in Emergency Services (ARES/RACES)?	□ Yes	🗆 No
Are you interested in weather spotting (SKYWARN)?	□ Yes	🗆 No
The Club maintains several standing committees. Please indicate any that you	would be	interested

in serving on (you may check more than one): Testing Contesting Communications Van Public Service Fund Raising Repeater Field Day Program TVI Education/Scholarship Contesting Web Site Publicity/Newsletter On-Air Nets