



FOND DU LAC AMATEUR RADIO CLUB

— FDL 73 —



www.fdlhams.com

February, 2022

Join Us On Sunday Evenings For Our Weekly Net — 1930 hrs. 145.430 MHz — Tone 97.4 Hz

2022 Club Officers

President:	Dave McCumber N9WQ
Vice-President:	Joe Scheibinger K9VY
Secretary	Lloyd Vandervort N9RPU
Treasurer	Doug Schultz N9EZF
Sgt-at-Arms:	Paul Buell KC9NAA
Board Member	Justin Buell KB9YET
Board Member	Ron Keller KC9YVL
Board member	Bill Kieckbusch KG9IO

Committee Chairs

Contesting	Jack Heil KG9IN
Education	Jack Heil KG9IN
Scholarship	Jack Heil KG9IN
Field Day:	Jack Heil KG9IN
Parades	Justin Buell KB9YET
Net Manager	Doug Schultz N9EZF
Newsletter	Doug Schultz N9EZF
Newsletter layout	Joe Scheibinger K9VY
Public Service	Ed Beltz N9PJQ
Publicity/Program	Joe Scheibinger K9VY
Repeater	Lloyd Vandervort N9RPU
Testing	Doug Schultz N9EZF
Truck & Trailer	Ron Keller KC9YVL
TVI	Lloyd Vandervort N9RPU
Web Site:	Tim Braun W9AAV

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

Mailing Address

Fond du Lac Amateur Radio Club, Inc.
PO Box 53
Fond du Lac, WI 54936-0053

E-mail: fdlhams@fdlhams.com

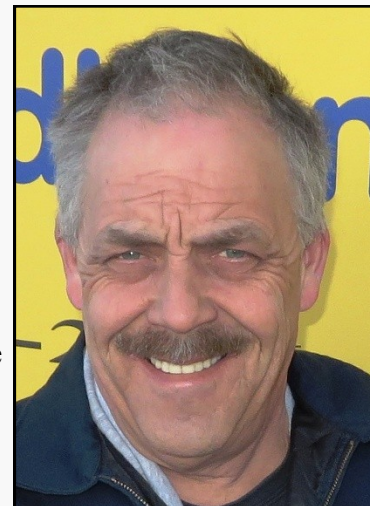
Newsletter Submissions:

Please email Editor Doug Schultz N9EZF
schultz74@charter.net

*FARC FDL 73 Newsletter
design and concept
by Dick Finn KC9ZVW*

THE PRESIDENTS CORNER

By: Dave McCumber N9WQ



Hello Everyone from sunny beautiful downtown North Fond du Lac. As I write this I want to thank Everyone who found it in their hearts to yet again elect me the club President of the Fond du Lac Amateur Radio Club!

I want everyone to know that I along with Joe Scheibinger K9VY intend on making 2022 a FABULOUS FUN HAM RADIO EXPERIENCE. Starting with the upper bands finely coming open, and all the new signals in places you may not have heard before.

If you have an old CB antenna up, now is when that bad boy can make its worthiness known .. some of you have not yet experienced the "THRILL" of working the world in an afternoon. Some of you may not think you have the space or the ability to do that. Well, I hope to change that.

I want to share with you all the things I have learned in my day of playing ham radio. If you cant get a signal out I hope to share with you some of the tricks to getting that sky hook to work from inside the attics to using the gutters to and the fence! Again THANK YOU ALL VERY MUCH and I will work hard to do a good job!

President Dave McCumber N9WQ

Our Next Meeting Is February 14

When: Monday February 14, 2022 at 7:00 pm

Where: Moraine Park College (see page 2)

235 N National Ave, Fond du Lac, WI

Please Bring a Friend to the meeting!



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WHAT'S INSIDE?

ENTERTAINMENT

Paul Ewing N6PSE
The King of DXpeditions!

World Room Meeting at Moraine Park
Bring your Old Stuff for the Goody Table
Traveling the World with Paul Ewing N6PSE
Meet FARC Member Paul Tvrđy M9KLLK
Buckle Up! We Have a New Sheriff
Rag Chews and Brews Meeting a Success!

February Testing Dates
Treasurers Report for January
Minutes for January
22 for 22 Membership Drive
Wisconsin QSO Party
FARC Meeting Downloads
Upcoming Events
Scanning the Bands
FARC Membership Roster

MEETING ROOM A-112



Moraine Park Meeting Room A-112

We will be meeting once again in the World Room at MPTC. Because of the construction, please use the main front entrance the FARC and park in the main parking lot on the south side of the school. Face coverings are still required at MPTC through at least March, 2022.



Official FARC Goody Table Set Up At Meeting (in February)

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 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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ENTERTAINMENT Through Education

TRAVELING THE WORLD with PAUL EWING N6PSE

The Undisputed King of the DX-pedition!



Paul Ewing N6PSE

DX-pedition: an expedition to what is considered an exotic place by amateur radio operators and DX listeners, perhaps because of its remoteness, access restrictions or simply because there are very few radio amateurs active from that place. This could be an island, a country, or even a particular spot on a geographical grid.

The Fond du Lac Amateur Radio Club is proud to host an evening with one of the most traveled Ham Radio enthusiast in the world, the great Paul Ewing N6PSE. His expertise in world travel DX-petitions is second to none.

Paul Ewing is a Silicon Valley Information Technology & Cyber security expert. With a Bachelor's and Master's degrees from St. Mary's College, Paul was an early Internet pioneer running the systems, networks and datacenters for such Internet companies as eBay, Yahoo and Google during their early years.

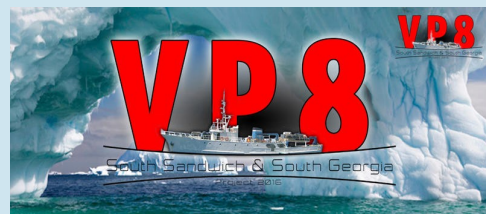
Paul has been an amateur radio operator since 1982, and a very serious DXer. Traveling and communicating all over the world and participating in DX-peditions with other ham operators is his passion. Here is an example. Hope your sitting down!

Paul was the leader of the April 2010 **YI9PSE** DXpedition in **Iraq**. Paul was the Co-Leader of the **ST0R** DXpedition to the new country of the Republic of South Sudan in July-August 2011. Paul was a member of the **3D2R**-Rotuma Island DXpedition in Sept-Oct, 2011. Paul was a member of the **ET3AA** team from Addis Ababa, Ethiopia in December, 2011. Paul was a member of the **7O6T** Team from Socotra, Yemen in May 2012. Paul was the Co-Leader of the **3D2C** Conway Reef DX-pedition in September of 2012. Paul was a member of the **XZ1J** Myanmar DXpedition in November 15-26th, 2013. Paul was the Co-Leader of the March 2015 DXpedition to Eritrea as **E30FB**.

Paul was the Co-Leader of the January, 2016 DX-peditions **VP8STI** in South Sandwich and **VP8SGI** in South Georgia Islands.

Paul has operated from Turkey, Egypt, Serbia, Macedonia, Greece, Albania, Montenegro and the Falkland Islands. Paul enjoyed his visit to Mount Athos and conversation with Monk Apollo in 2012.

continued....





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Paul Ewing is a Life member of the ARRL and a very experienced Ham Radio operator. Paul supports the NCDXF and INDEXA.

Paul is the founder of the Intrepid-DX Group (www.Intrepid-DX.com), and is a member of the Palo Alto Amateur Radio Association, Northern California DX Club, Utah DX Association, Araucaria DX Group and the World-Wide DX Group. Paul was honored by the Northern California DX Club as their DXer of the Year for 2012, 2016 and 2017.

Paul has travelled extensively throughout the Democratic People's Republic of Korea (North Korea) in 2015 and has provided opinions and commentary to various media organizations.

Paul has been interviewed extensively by media organizations all over the world including the BBC, Voice of America and NPR. Paul is a Volunteer Examiner and a Youth Mentor at the Dorothy Grant Elementary School Club Station-K6DGE. (www.k6dge.com) and is the founder of the Intrepid-DX Group's Annual Youth "Dream Rig" Essay Contest.

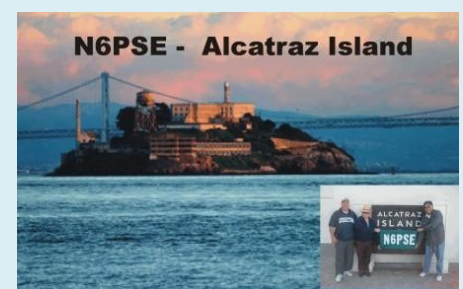
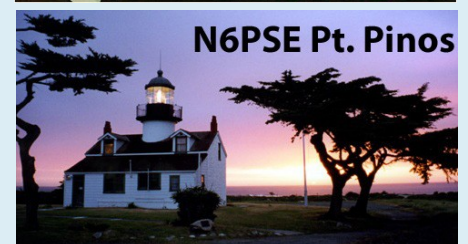
Paul's station consists of an Elecraft K3/Flex Radio 6500 and an Elecraft KPA1500 amplifier. He uses a SteppIR DB36 at 75' for 6-80 meters and a GAP Voyager vertical with elevated radials for 160 meters.

One of Paul's proudest accomplishments is having his son Ryan-N6RYN and his daughter Michelle-KJ6DOM enjoy the Amateur Radio hobby with him.

When Did DXpeditions Become Popular?

Early DX-peditions were simply exploratory and geographical expeditions in the late 1920s and 1930s, in which one or more radio amateurs participated in order to provide long-distance communications. At the same time they communicated with fellow radio amateurs who wanted to contact a new country. Most notable are the Antarctic expeditions of Admiral Byrd. Another example is the voyage of the schooner *Kaimiloa*, which traveled the South Pacific in 1924. While the ship's wealthy owners enjoyed the islands, an amateur radio operator kept contact with, and sent QSL cards to, experimenters in the United States.

The participation of radio amateurs in geographical expeditions was resumed after World War II, e.g. the participation of Bill Snyder, W0LHS, and Bob Leo, W6PBV, in the Gatti-Hallcrafters expedition in Africa of 1948.^[1] The most unusual expedition to place reliance on amateur radio for communications was that of Kon-Tiki organized by Thor Heyerdahl in 1947 and using call sign LI2B.^[5]





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The activity of dedicated DX-peditions was pioneered by one-time ARRL president Robert W. Denniston, W0DX. Mr. Denniston's 1948 DX-pedition, using call sign VP7NG, was to the Bahamas and was called "Gon-Waki" à la Thor Heyerdahl's Kon-Tiki expedition the previous year.

DX-peditions are planned and organized to help operators who need to contact that area to obtain an amateur radio award. There are several awards sponsored by various organizations based on contacting many different countries. Perhaps the most famous of these is the DX Century Club (DXCC) award sponsored by the ARRL. The base level of this award involves contacting and confirming 100 distinct geographical entities defined by the ARRL – usually politically distinct countries, and sometimes well-separated administrative or geographical regions within them, such as outlying islands.

Other DX-peditions focus on operation from islands with little or no local radio amateur activity, for the Islands on the Air (IOTA) award which is sponsored by the Radio Society of Great Britain. A small number of DX-peditions focus on activating specific, remote Maidenhead locator squares for the benefit of VHF and UHF operators.

So Does This Look Like Fun?

The FARC has done just about everything over the very many years of the organization. We are once again, post Covid, growing, meeting live, and having fun like we did pre Covid. Brat fries, Field Day, Community involvement, even field trips and member parties. We have never experienced a DX-pedition!

We have huge amounts of equipment in our possession. Rigs, power supplies, antennas, even a grille! It sounds exotic to travel to some foreign land, or some deserted island! But as much as I like to travel, there are many places right here in Wisconsin to visit over some nice warm weekend in the summer and set up camp. Washington Island? One of our various ferry boats in Wisconsin, our beautiful State parks, EAA Oshkosh, State Fair, Kettle Moraine trails, one of our casino's up north? Get out the grille and spend the weekend in the woods with the family!

Our club certainly has the ability and expertise to set up a first class Field Day style rig on a beautiful Wisconsin day! And who knows, after the first successful outing and with more experience, we can expand to new and better places!

What an honor to have Paul as our guest for February. Please bring a friend to the meeting on Monday, February 14th.





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MEMBER HIGHLIGHT

Meet FARC Member Paul Tvrdy III *N9KLLK*

My interest in Ham radio and shortwave listening dates back the mid to late 1960's. Paul and his friends were also into the CB era with call-sign (KRK7701). It was fun doing QRP DX on 11 meters to see who could the farthest CB stations late at night with 5 watts. We always were talking about Ham radio. One night we all decided that we would get into Ham radio. We all did our reading and Morse Code practice. Using LP records for CW practice that we borrowed from a ham. I could copy code with them and send code with my code oscillator. Paul lived in the Chicago suburbs but when he went to the FCC testing center in Chicago he could never pass the Morse code test for the Novice license. Paul thinks that it was all nerves that he couldn't pass the code test! So for years, I enjoyed helping my ham friends with projects and do some late night DXing in their shacks as well as doing some shortwave listening.



Paul too enjoyed the Heathkit and Knight kit projects of that era. Time went by fast with finishing school, getting a job and getting married as well as having kids. While moving into our new home my parents gave me several boxes that I had packed away years ago. The boxes were filled with old Popular Electronics QST magazines as well as Allied Radio and Lafayette Radio and other electronic company catalogs along with old notes. Looking at those old notes I realized they were my Christmas wish lists.. In the other boxes were some old Heathkit and Hallicrafters tube radios. Wow that was quite a gift! By this time people were asking, what's Paul going do with all this junk. I have to say that looking at the 1960-1970's catalogs and magazines was just awesome!

Well it wasn't long before I had them unpacked, fixed up and running with a simple wire antenna. Do you know how hard it was to find tube testers in that era? The tube testers were in a lot of stores during this period. If you had questions TV and radio repair shops were quite helpful. Paul found out that his doctor was a ham from the ham license plate on his car. He asked him for suggestions on getting my license. He suggested I talk to another ham who was a member of the Libertyville Amateur club. Paul went over this hams house and saw his shack.

Continued...



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By now I was more determined to get my novice ticket with the minimum code needed. It just so happens that the Libertyville Amateur Club was holding a Novice class. After a few months of practice I passed the 5 wpm code test. His call sign was KB9FRS and he went on to get his Technician license. Paul and his family moved in 1992 to Green Lake due to a job transfer. In the mid 1990's he decided to upgrade to the General license and took the exam at Appleton. He passed the exam and changed his call sign to N9KLK. By this time the 13wpm code requirement for the General license had been discontinued.

Paul and his family moved from Green Lake to Ripon in 2006 after his kids were out of school. Paul in 2021 took and passed the Extra class exam in October. Paul is now an ARRL VE when the Fond du Lac VE's hold amateur radio exams at MPTC.

Paul retired in early 2011 working for what was part of the Bell System, Illinois Bell, Wisconsin Bell, Ameritech SBS Communications and now back to AT&T. He held several different positions with these companies over the years. For the last 19 years, Paul was a Senior Network Engineer in the IT department providing primary LAN/ WAN design support our internal data centers. Just like ham radio, this technology rapidly advanced over the years. Paul retired from AT&T in 2011 and became paid on call certified Firefighter/Chief Safety Officer as well as Fire Inspector for the Ripon Fire Dept. He retired from the Fire Service on 12/31/2020.

Paul is primarily an HF SSB operator and his HF station consists of an Icom IC-781, Heathkit SB-1400, Swan 500C w/external VFO, Kenwood TM-G707 and several other vintage radios. He also has AL-811H amplifier that can be used. He has a roof mounted Cushcraft A3S beam with the 40 meter add-on kit as well as a 40 meter dipole mounted off his tripod. Other antennas Cushcraft ARX-2B and MFJ 1522 for 2meter and 70 cm. Paul has achieved the ARRL DXCC mixed award, Worked All States (WAS) award, Worked All Continents (WAC) award and the ARRL Millennium award.

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MINUTES FROM THE JANUARY 25TH BOARD MEETING

Thank you to everyone that braved the cold to attend the January 25th Board meeting “Rag Chews and Brews” at the Radisson Hotel in Fond du Lac. The meeting was a great success! We talked about many different things associated to the club like the Trailer Committee, Field Day, entertainment types, ARRL grants, internal club auction, membership drive, Christmas and labor Day parade, even another possible brat fry! Look forward to having more of these informal get togethers this year.

Field Day

I received a letter from the guys at the Calumet County ARIES group. Brian Turkiewicz KC9LFR has requested that the Calumet group join with us for Field Day for this June 25th. Brian mentioned they have a lot of young volunteers to help erect antennas and supply food! This will take the pressure off some of our members. The Board thought the university is the best place once again. I called Dr. Jack Heil KG9IN and he is considering being the FARC coordinator. At the February meeting, we will discuss this and vote to make the union official. We will ask if any members want to step forward to be part of the event.

May Spring Cleaning Swap Meet

About 4 years ago our club had an internal swap meet during one of our meetings that turned out to be a big success! For our upcoming May meeting, we are asking all FARC members to clean out their shack and bring out anything you would like to sell! Some of the things we have as a club in storage will also be brought out for the club to bid on! Items that belong to our club that don't sell at the meeting will be put on Craigslist or Ebay and sold. Mark down the May meeting for the swapfest!

Donation to the UW Fond du Lac Foundation

In memory of our departed club member Marjorie Heil, the Board has decided to make a \$100 donation to the UW Fond du Lac Foundation in Marjorie's honor. We will also pass the hat at the February meeting and ask any members of the club if they would also like to make a donation in her name.

Christmas and Labor Day Parade

At the meeting, Justin Buell KB9YET talked about the trials and tribulations associated with both of these parades. He is justifiably worried that with the incident in Waukesha and the non-cooperation of government officials, it may not be possible to do these things. We will discuss this at the next meeting.

Possible Brat Fry?

Festival foods will be taking applications for non-profit groups to apply for a spot selling brats to make money for the club. We will ask if there is any interest in this at our next meeting. The Brat sign up for Festival Fond du Lac starts on February 2nd and it's done online.

Membership Drive

More information about our membership drive is in this issue of the newsletter. “22 for 22” drive will start with this newsletter and involves incentives for our members! Thanks again for coming to the meeting. We will have another one in March or April.

Storage of our Assets

Justin Buell KB9YET has announced that he is remodeling his garage and he will have lots of storage for the club's assets. This will free up the \$55 per month dwindling of our treasury. If any other members have some storage space they would like to contribute until selected portions of our assets have been sold, please bring it up at the next meeting.

Ron Keller KC9YVL To Head Truck & Trailer Committee

After the meeting, Ron Keller KC9YVL accepted the position of Chairman of the Truck & Trailer Committee. His extensive knowledge of motor vehicle dealer law and his knowledge and fascination with trailers makes him the perfect head for the committee. Thanks Ron.



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BUCKLE UP!

2022 is going to be a VERY good year!

Elections were held at the January meeting. The membership elected Dave McCumber President and Joe Scheibinger Vice president. Doug Schultz and Lloyd Vandervort once again have accepted the treasurer's and secretary's post. Some great changes have already been made. Members will be invited to attend the new "Rag Chews and Brews" board meetings to be held at the Radisson when needed. A new slate of "Entertainment through Education" will be given at every meeting. A new meeting audio visual format, "22 in 22" membership drive, and a host of other fun things!

Dave McCumber will be featured in the March newsletter. Visiting his ham shack is like going to Disneyland! An incredible collection of vintage and modern radios, an antenna farm that is something to behold, and an operator that is second to none when it comes to Ham Radio! Just to give you a taste, here are a few pictures below that encompass about 25% of his shack! Operator extraordinaire, collector, teacher, Ham of the Year, and President of our club. Congratulations Dave.





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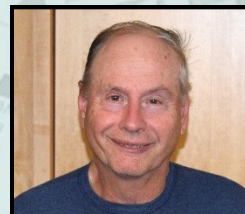
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Treasurer's Report

Month of January 2022



Doug Schultz N9EZF

	Previous Month	Income & Expenses	Current Total	Cash	Savings Account	Checking Account	CD	Other
FDL RADIO CLUB								
Truck Fund	0.00	0.00	0.00			0.00		
Emergency Svc Fund	1,497.37	600.24	2,097.61			1,632.52	465.09	
General Use Fund	5,727.98	2345.32	8,073.30			6,882.13	1,191.17	
Savings Account	25.00	0.00	25.00		25.00			
Petty Cash Fund	19.12	0.00	19.12	19.12				
TOTALS	7,269.47		10,215.03					
FDL REPEATER ASSN.								
Repeater Fund	153.61	0.07	153.68			0.00	153.68	
TOTALS	153.61		153.68					
TOTALS				19.12	25.00	8,514.65	1,809.94	
Income								
Race the Lake	Donation							600.00
Dues								75.00
Raffle								11.00
Truck Sale								2,575.00
Holiday Party								400.00
CD Interest								0.91
							TOTAL	3,661.91
Expenses								
Secure Storage	Rent							126.00
Dennis Paulin		Flowers Barb Simon						80.19
Radisson Hotel		Holiday Din						625.09
							TOTAL	831.26
Bills Needing Approval to Pay & Action Required								
Secure Storage	Locker Rent							55.00
								55.00



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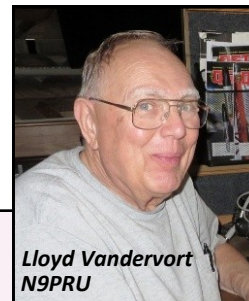
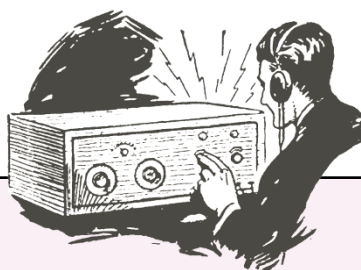


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Meeting Minutes



Lloyd Vandervort
N9PRU

Minutes for January 10th, 2022 Club Meeting

The meeting was called to order at 7:00 PM by President Tom

Karrmman KC9VZY presiding. Then we had Skype Program by Steve Brightman and Mike Ladd on SDR Play radios. SDR mean software defined radio. Essentially doing all the hardware processes of a radio using a computer and software. A SDR radio can do a lot of things using software that are very difficult to do in a normal radio. They demonstrated the capabilities of their SDR play receivers. There will be a video on the SDR Play presentation the fdlhams.com website soon.

President Tom Karrmann then proceeded to ask for introduction of meeting attendees. Then Tom asked for the Treasurer's report and Doug Schultz gave the Treasurer's report. There was a motion to approve the Treasurer's report by Tom Powell KC9VXR and the motion was seconded by Pual Tvrdy N9KLK. Tom then asked if there any objections to the motion and there were none. The motion passes. There is a motion to pay the one bill for \$55 to pay Secure Storage for the storage shed rent. Doug Schultz N9EZF made a motion to pay the bill and the motion was seconded by Dave McCumber N9WQ. No objections were raised and the motion passes.

President Tom Karrmann KC9VZY then brought up Old business that we need to have an election of club officers which was postponed at our November, 2021 meeting until the January, 2022 meeting due to low attendance. Tom opened up nominations for officers They are listed below: Cully Kowal KS0D nominated Joe Scheibinger K9VY for President and Joe said he wouldn't accept it but he nominated Dave McCumber N9WQ for President. Tom Powell KC9VXR then nominated Ron Keller KC9YVL for President. Joe Scheibinger K9VY said he would accept the Vice President nomination. Tom Powell KC9VXR wouldn't accept his nomination for Vice President. Doug Schultz N9EZF and Lloyd Vandervort N9RPU were nominated for Treasurer and Secretary at the November meeting.

Election Results

President Dave McCumber N9WQ
V. President Joe Scheibinger K9VY
Treasurer Doug Schultz N9EZF
Secretary Lloyd Vandervort N9RPU
Sgt. At arms Paul Bleuel KC9NAA
Board member Bill Kieckbusch KG9IO

There was a question by Cully Kowal KS0D about approving the revised club By Laws. Tom Powell KC9VXR made a motion to approve the revised By Laws and Dave McCumber seconded the motion. There were no objections to approving the revised By Laws. The motion passed and the revised By Laws were approved.

Joe Scheibinger K9VY mentioned that he needs a laptop computer that has a HDMI video port for our Skype presentations. Lloyd Vandervort N9RPU mentioned that he would look into a different laptop Joe Scheibinger K9VY says he will be he will have he will have a SDR play Party at his house the last week of January. He will send out invitations. Doug Schultz N9EZF has a new member application for Bill Kieckbusch KG9IO. The application was approved by all in attendance. A motion to adjourn was made by Dave McCumber N9WQ and seconded by Lloyd Vandervort N9RPU. The motion to adjourn was approved and the meeting adjourned at 8:40 PM.



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"22 IN 22"

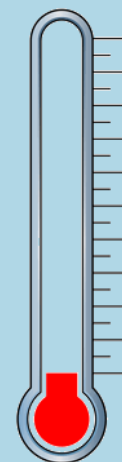
MEMBERSHIP DRIVE

This is something new for '22! Our very first FARC Membership Drive. Covid is almost over, people are gathering again and having fun! It was a scary time for everyone, especially our club. We met in virtual reality, met on the Net, but we basically locked down and waited for the storm to pass.

One thing about the FARC. We are a band of amateur radio hobbyists that really love our hobby. We have one of the strongest Ham Radio clubs in the state. We do a lot together. We supply services to other non-profit organizations. We are active in the community. We test other Hams and issue licenses, and we meet in one of the best facilities in the city, the World Room of the Moraine park campus.

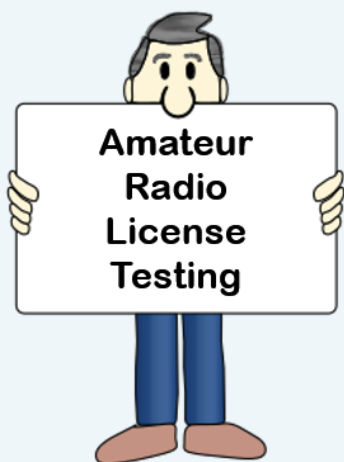
All you have to do is go back and look at page 1 next to the Presidents Corner. Look at all the names, the volunteers, the committees! And we just coming out of one of the biggest pandemics to hit the world.

GOAL!



So lets celebrate and share the love of the hobby. Announcing the "22 in 22" Membership Drive. Everyone who brings in a new member, or an old member that wants to re-join our club, will get one year's of dues paid! To make sure you get credit, look at the attached membership form. You will see a red box labeled "sponsor." Put your name and call sign in the box and when the new member joins, you get a free year of membership dues!

Let's make 2022 the best year for our club. See you at the February meeting and bring a friend!



TESTING DATES

2022 Ham Exam Dates

The Fond du Lac Amateur Radio Club VE team will be holding Amateur Exams on **Feb. 19, 2022** and **April 9, 2022** at MPTC in room O-122 from 9:00 AM until noon both days. 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 either exam session call Doug Schultz at 920-922-3088 or via email at: schultz74@charter.net.



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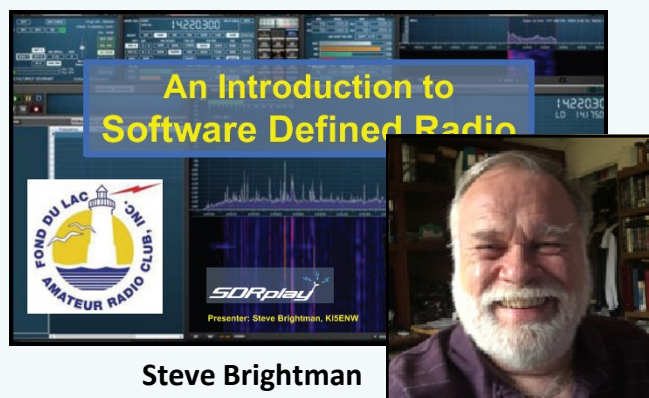


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Steve Brightman

HUGE JANUARY MEETING

And a huge thank you to Steve Brightman from SDRplay for being our guest speaker for January!

Did you miss the meeting? Never fear! Lloyd Vandervort was kind enough to video tape the entertainment. Tap on the icon below and you can see the demonstration of SDR Radio from Steve Brightman.

January 10, 2022 Meeting

[CLICK HERE](#)



WISCONSIN QSO PARTY

Wisconsin QSO Party sponsored by the West Allis Radio Amateur Club and it will be held on March 13, 2022 from 1800 UTC until 0100 UTC on March 14, 2022. The contest starts at 1:00 PM CDT March 13, 2022 until 8:00 PM on March 13, 2022. This is the first of Daylight Savings time for 2022. This is a fun 7 hour contest that a number of club members participate in. The primary modes are SSB and CW but this year

they are talking about adding a couple of digital modes PSK31 and RTTY. WARAC hasn't posted the rules for the contest yet on their website so I don't know if anything else has changed. I will be reminding everyone in the next newsletter about the WI QSO Party again.

Doug Sings the Blues If You Don't Pay Your Dues

The 2022 FARC club dues are due now. Club membership dues are \$15 for individuals, \$7.50 for students and family memberships are \$20. You can pay Doug Schultz at the February meeting. If you fail to pay, Doug will call your house every day and sing his hit song "I Got The Blues Cause You Don't Pay Your Dues" until you do. If you can't attend, you can mail your dues to:

Doug Schultz N9EFZ
Fond du Lac Amateur Radio Club,
P.O. Box 53,
Fond du Lac, WI 54936



Don't Miss an Episode!

All Podcasts can be downloaded!

Click here! [Podcasts](#)



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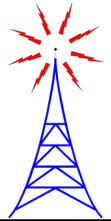
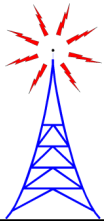
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- **02/05/2022 | Minnesota QSO Party**
- **Feb 5, 0000Z-2359Z, W0K**, Karlstad, MN. Northwest Minnesota Amateur Radio Group. 14.050 21.050 14.270 21.350. QSL. Jack Parker, PO Box 244, Karlstad, MN 56732.
- **02/07/2022 | 50th Anniversary of GERATOL W.A.S.Net**
- **Feb 7-Feb 20, 1000Z-2100Z, W1G**, Wheelwright, MA. GERATOL Worked All States Net. 3.668 During Net Time 20 Meter SSB 40 Meter SSB. QSL. Kevin Lynch, POB 124, Wheelwright, MA 01094. Special event station, W1G will be active from February 7, 2022 through February 20, 2022 to commemorate the 50th Anniversary of the GERATOL Worked All States Net. A special QSL card will be available to those who send an SASE with their QSL. geratol.net
- **02/07/2022 | Minnesota QSO party**
- **Feb 7, 1400Z-2359Z, N0SPN/N0V/W0M**, Kasson, MN. Minnesota Wireless Association. 28.450 14.250 7,250 3.850. QSL. Danny Stroh, 27172 675 Street, Kasson, MN 55944. dstroh57@yahoo.com or <https://www.w0aa.org>
- **02/13/2022 | Wisconsin SimCom 2022**
- **Feb 13-Feb 20, 0600Z-0600Z, W9WCA**, Junction City, WI. Wood County ARES/RACES. Allstar 52770/Echolink W9WCA-L 7.250 14.250 3.970. QSL. Wood County ARES/RACES, Attn: SimCom SES, 5421 Madison Circle, Wisconsin Rapids, WI 54494. This is the special event for the 2022 SimComm exercise in Lake Delton, Wisconsin. We will be operating the event outside of the times we will be directly performing tasks related to the exercise. QSL with SASE via W9BBF. kb9stb@gmail.com

- **02/19/2022 | Ice Station W0JH (Frozen Lake Portable) *Updated Info***
- **Feb 19-Feb 21, 1600Z-2300Z, W0JH**, Stillwater, MN. Stillwater, MN Amateur Radio Assoc. (SARA). 3.860 7.260 14.260 21.360. Certificate. Shel Mann, 1618 Pine St. West, Stillwater, MN 55082. We will have multiple stations simultaneously operating on different bands and different modes. In keeping with COVID social distancing protocols, we will operate from our individual QTHs this year. In a meager attempt to drive away the remainder of Minnesota winter, the Stillwater Amateur Radio Association will be generating as much RF as possible over the President's Day long weekend. Certificates will ONLY be sent via email in PDF format. (Send requests with standard QSL confirmation info via email to: IceStation2022@radioham.org) There is no need to send a QSL card. Info: www.qrz.com/db/w0jh & www.radioham.org. IceStation2022@radioham.org

WISCONSIN QSO PARTY! March 13th

(See Article Inside newsletter)

- **03/18/2022 | HamSCI 2022 Conference**
- **Mar 18-Mar 20, 1400Z-0400Z, NN4SA**, Huntsville, AL. HamSCI and NASA Marshall Space Flight Center ARC. 14.245 7.245 14.074 7.074. QSL. NASA MSFC ARC, c/o Matt McDougal, PO Box 12804, Huntsville, AL 35815. HamSCI and NASA MSFC ARC will operate from HamSCI Conference venue near Space and Rocket Center. Will be operating various bands and modes. Check spotting networks for frequencies and modes. Event info at hamsci.org and nn4sa.org. Send SASE for special QSL card. www.qrz.com/db/nn4sa
- **04/05/2022 | Sun-N-Fun Aerospace Expo Special Event Station (EAA Lakeland)**
- **Apr 5-Apr 10, 0800Z-1700Z, W4S**, Lakeland, FL. Lakeland Amateur Radio Club (LARC). 2, 20, and 40 meters; other bands and modes possible.. QSL. LARC, P.O. Box 90853, Lakeland, FL 33804. www.lakelandarc.org

MAY 9: FARC SWAP MEET AT MEETING! BRING YOUR WALLET



FOND DU LAC AMATEUR RADIO CLUB, INC.

www.fdlhams.org • E-mail: fdlhams@fdlhams.org
PO Box 53 • Fond du Lac WI 54936-0053



MEMBERSHIP INFO & APPLICATION

*Please Print All Information
Complete both sides of this Application*

Call _____ License Class _____ Date _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Cell Phone _____

Sponsor Name / Callsign

E-mail Address _____

Do you have a web site? 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 _____

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



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FARC DOWNLOADS



RECORDED MEETINGS

Videotaped by Lloyd Vandervort N9PRU

CLICK HERE

FARC - W3AO Field Day Presentation <https://youtu.be/UK1A47pNKyo>

CLICK HERE

FARC - Bob Heil Ham Radio Presentation https://youtu.be/t3Ueh9IN5_U

CLICK HERE

FARC - WWV Presentation https://youtu.be/w3-DP9DEv_U

CLICK HERE

FARC - Pacific Antenna Talks Kit Building <https://youtu.be/SBReL2YIsn0>

CLICK HERE

FARC - Scanner Master Presentation <https://youtu.be/dlSIAufGkv8>

CLICK HERE

FARC - WBAY Field Trip TV Nov 17 2015 <https://youtu.be/sfQvJ1fV6eo>

CLICK HERE

FARC - WBAY transmitter tour https://youtu.be/NnZ21O_6HvA

CLICK HERE

FARC - NooElec https://youtu.be/s_pxYkH4xds

CLICK HERE

FARC - Elecraft Radio <https://youtu.be/3Ou1Qpx9Vg8>

CLICK HERE

FARC - Ed Tobias & Morse Code <https://youtu.be/9uu4PFMrH2U>

CLICK HERE

FARC - Salvation Army Emergency Communications

CLICK HERE

FARC - KFIZ, Morning Show with Bob Hoffmaster

CLICK HERE

FARC - HAARP interview from Alaska

CLICK HERE

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

NEW FARC - SRD Radio with Steve Brightman (01/10/2022)

All of these meetings are free to watch on YouTube!



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SCANNING THE BANDS

[CLICK HERE](#)

FREQUENCY ALLOCATION CHART - DOWNLOAD AND SAVE

0535 1705	AM Broadcast	Standard North America AM	12050 12330	Fixed Service	
1705 1800	Fixed Service	Land/Mobile/Marine	12330 13200	Maritime Mobile	Ship/Shore
1800 2000	Amateur 160 Meters		13200 13360	Aeronautical Mobile	Transoceanic Flights
2000 2107	Maritime Mobile		13360 13600	Fixed Service	
2107 2170	Fixed Service	Land/Mobile/Marine	13600 13800	Shortwave Broadcast	New WARC Allocation
2170 2194	Land Mobile Service		13800 14000	Fixed Service	
2194 2300	Fixed Service		14000 14350	Amateur 20 Meters	
2300 2495	Shortwave Broadcast	120 Meters	14350 14995	Fixed Service	
2495 2505	Time Standard		15010 15100	Aeronautical Mobile	Transoceanic Flights
2505 2850	Fixed Service	Land/Mobile/Marine	15100 15600	Shortwave Broadcast	19 Meters
2850 3155	Aeronautical Mobile	Transoceanic Flights	15600 16460	Fixed Service	
3155 3200	Fixed Service		16460 17360	Maritime Mobile	Ship/Shore
3200 3400	Shortwave Broadcast	90 Meters	17360 17550	Fixed Service	
3400 3500	Aeronautical Mobile	Transoceanic Flights	17550 17900	Shortwave Broadcast	16 Meters
3500 4000	Amateur 80/75 Meters		17900 18030	Aeronautical Mobile	Transoceanic Flights
3900 4000	Shortwave Broadcast	75 Meters, Not in Region 2	18030 18780	Fixed Service	
4000 4000	Time Standard		18068 18168	Amateur 17 Meters	
4000 4063	Fixed Service		18780 18900	Maritime Mobile	Ship/Shore
4063 4438	Maritime Mobile	Ship/Shore	18900 19680	Fixed Service	
4438 4650	Fixed Service		19680 19800	Maritime Mobile	Ship/Shore
4650 4750	Aeronautical Mobile	Transoceanic Flights	19800 21000	Fixed Service	
4750 5060	Shortwave Broadcast	60 Meters	21000 21450	Amateur 15 Meters	
5005 5450	Fixed Service		21450 21850	Shortwave Broadcast	13 Meters
5450 5730	Aeronautical Mobile	Transoceanic Flights	21850 22000	Aeronautical Mobile	
5730 5950	Fixed Service		22000 22720	Maritime Mobile	Ship/Shore
5950 6200	Shortwave Broadcast	49 Meters	22720 23200	Fixed Service	
6200 6525	Maritime Mobile	Ship/Shore	23200 23350	Aeronautical Mobile	
6525 6765	Aeronautical Mobile	Transoceanic Flights	23350 24990	Fixed Service	
6765 7000	Fixed Service		24890 24990	Amateur 12 Meters	Shared with FixedService
7000 7300	Amateur 40 Meters		25010 25330	Petroleum Industry	
7100 7300	Shortwave Broadcast	41 Meters, Not in Region 2	25330 25600	Government Frequency	
7300 8195	Fixed Service		25600 26100	Shortwave Broadcast 1 1 Meters	
8195 8815	Maritime Mobile	Ship/Shore	26100 26480	Land Mobile Service	
8815 9040	Aeronautical Mobile	Transoceanic Flights	26480 26950	Government	
9040 9500	Fixed Service		26950 26960	International Fixed Service	
9500 9900	Shortwave Broadcast	31 Meters	26960 27410	Citizen's Band	Channels start at 26965 kHz
9775 9995	Fixed Service		27410 27540	Land Mobile Service	
10005 10100	Aeronautical Mobile	Transoceanic Flights	27540 28000	Government	
10100 10150	Amateur 30 Meters	CW/Data Only	28000 29700	Amateur 10 Meters	
10100 11175	Fixed Service		29700 29800	Forestry Service	
11175 11400	Aeronautical Mobile	Transoceanic Flights	29800 29890	Fixed Service	
11400 11650	Fixed Service		29890 29910	Government	
11650 12050	Shortwave Broadcast	25 Meters	29910 30000	Fixed Service	



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Jeremiah	Alderden	KC9SGL
Reinholt	Aschmotat	N8VDH
Donald	Bakke	KD0HCW
Jim	Balthazor	K9AIX
Todd	Beay	AC9EX
Ed	Beltz	N9PJQ
Donna	Blend	KC9TFN
Paul	Bleuel	KC9NAA
Blend	Bowen	KC9VXV
Timothy	Braun	W9AAV
Marjean	Buck	KC9LFI
Neal	Buck	KC9LFN
Justin	Buell	KB9YET
Robert	Burrier	N2TSQ
Don	Chapman	KC9KZQ
Dean	Choate	KC9TGM
Lee	Clausen	KC9ZVZ
Jim	Cole	N9WAP
Frank	D'Imperio	KD9OXO
Walter	Drees	KD9JAD
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	WB9QJD
Ted	Gustavus	KD9IAH
Ben	Haack	KD9LVQ
Brad	Hansen	
Marjorie	Heil	KC9BEN
Jack	Heil	KG9IN
Doug	Iverson	AC9XW
Richard	Jarzynka	KD9EMX
Tom	Karrmann	KC9VZY
Ron	Keller	KC9YVL
Cully	Kowal	KS0D
Dawn	Krause	KD9CAW
Scott	Kreis	
Larry	Lamont	KB9POP

FARC Membership Roster

Alphabetized by Last Name



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.

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.

We are the members of the Fond du Lac Amateur Radio Club



Buddy	Larson	KC9UVJ
Joe	Lauber	KC9MDY
Michelle	Lawrence	N9RQL
Mike	Lawrence	N9UA
Pete	Leonard	W9ZMF
Isaac	Lundberg	KD9FPQ
Chuck	Mahnke	K9HXI
David	McCumber	N9WQ
Walter	Meyer	K9WKM
Larry	Mielke	KC9RUE
Doug	Murray	KC9ZVT
Tom	Murray	N0HOR
Nancy	Myers	K9ANA
Randy	Nelson	KC9MYG
Ted	Neuburg	W9LUQ
Dot	Olig	K9FDL
Gene	Olig	KD9ZP
Tony	Pass	KC9QYR
Dennis	Paulin	KB9OFM
Gene	Peterson	KD9IAG
Tom	Powell	KC9VXR
Fernando	Salazar	KC9ZVX
Joe	Scheibinger	K9VY
Gregory	Schmude	KD9EHB
Doug	Schultz	N9EZF
James	Scovronski	N9WAM
Louis	Simon	KB9VQM
Barbara	Simon	W9MER
Ed	Sipple	W9VYO
Steve	Smith	W9GPI
Ed	Steinfeld	KB1ZJK
Raymond	Teschke	KD9QLE
Brian	Turkiewicz	KC9LFR
Paul	Tvrdy	N9KLK
Danny	Vandekolk	KC9IGD
Lloyd	Vandervort	N9RPU
Ted	Willett	W9NHE
Laurie	Winchell-Beltz	KC9YQS
Dave	Witt	WD9W
Mathew	Yates	KD9CSD
Laura	Yates	
Matthew	Zimmerman	KD9KTY
David	Zittlow	K9DUI