



# FOND DU LAC AMATEUR RADIO CLUB

## — FDL 73 —



VOLUME 18 ISSUE 2      [www.fdlhams.org](http://www.fdlhams.org)      February, 2017

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



### 2015 Club Officers

President: Jim Balthazor K9AIX  
Vice-President: Tom Powell, KC9VXR,  
Secretary Lloyd Vandervort N9RPU  
Treasurer Doug Schultz N9EZF  
Sgt-at-Arms: Isaac Lundberg KD9FPG

Board Member: Peter Fox KB9WZD  
Board Member Stan Cram A10M  
Board Member Larry Mielke KC9RUE

### Committee Chairs

Contesting/Education/Scholarship:  
Jack Heil KG9IN  
Field Day: Jack Heil KG9IN  
Fund Raising: Open  
Net Manager Doug Schultz N9EZF  
Newsletter Dick Finn KC9ZVW  
Public Service Ed Beltz N9PJQ  
Publicity/Program Joe Scheibinger K9VY  
Repeater Lloyd Vandervort N9RPU  
Testing Doug Schultz N9EZF  
Truck Brad Freund KC9QYP  
TVI Lloyd Vandervort N9RPU  
Web Site: Stan Cram A10M

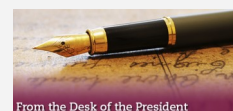
Each committee has several members. If you are interested in serving on a committee, please contact the chairperson and volunteer your services.

### Mailing Address

Fond du Lac Amateur Radio Club, Inc.  
PO Box 53  
Fond du Lac, WI 54936-0053  
E-mail: [fdlhams@fdlhams.org](mailto:fdlhams@fdlhams.org)

**Newsletter Submissions:**  
Please email to  
[rfinn5@hotmail.com](mailto:rfinn5@hotmail.com)

### The Presidents Corner By: Jim Balthazor



Our first major event is a month away. I think for some the Wisconsin QSO Party is like the Club's Super Bowl. I've only been involved in one WQSO Party; I was fortunate enough to be able to sit with Rick Robinson, N19Z, during the 2015 event, and watched him tap out a bunch of QSOs. Rick is quite the CW master. Even though I was not on the air making contacts I had a great time and learned quite a bit in about the party and how to operate properly. Due to an illness, I was unable to speak very well when the 2016 contest came around along with my limited CW skills I did not get to participate. I am excited about operating in the 2017 Wisconsin QSO Party and encourage everyone to participate as well; it's a great contest in a more relaxed environment that some of the other Amateur Radio Events. Last year we had thirteen entries listed with the clubs name on them, in the past, we averaged about twenty club entries. My Challenge to the Club is to exceed 20 entries in this year's contest; If the entries are above 20 and the total points are above 460,000, I will come up with something for the club (within reason).

Have a great month and look forward to spring. I hope to hear you during the QSO party.

Jim K9AIX



Below is the data on the entries from <https://www.warac.org/wqp/history.htm>.

Year	Entries	Points	2011	18	714531.0
2005	8	497489.5	2012	24	955805.0
2006	19	466739.0	2013	20	821284.0
2007	26	421829.5	2014	20	776562.5
2008	27	55168.5	2015	22	806790.5
2009	21	517506.5	2016	13	456256.5
2010	22	977185.0			

### Next Meeting

**When:** Feb. 13, 2017 at 7:00 pm  
**Where:** Moraine Park Technical College  
Room A-112  
**Program:** TBD



### February, 2017 Program

### James Bennett from Pacific Antenna to Speak at the FARC February Meeting

If you remember the good ole days of building your own electronic equipment from a kit, you will be happy to know, those days are coming back! James Bennett KA5DVS, CEO of Pacific Antenna, will be our guest at the February 13th meeting.

Back in the late 1940s and early 1950s, companies designed an electronic product and sold it as a bundle of parts called a kit. You could buy a kit for a fraction of what a comparable wired unit would cost and then build it yourself. The outcome was quite favorable! You actually built a workable electronic product and received a great sense of accomplishment from the construction.

Heathkit was one of those companies that help start the kit business. Ed Heath founded the company in 1926 with of all things, an airplane kit. He died in a test flight in one in 1935, but Howard Anthony kept the company going. Right after World War II, Howard bought a batch of electronic surplus. Out of that came one of the first successful kits, a small oscilloscope for \$50, which was a real achievement in its time. With that success came many new products.

Then 40 years later, wired products became cheaper thanks to Asian engineering and manufacturing. You could buy a great stereo or color TV set for less than what a kit cost, and you didn't have to spend three weekends building it. Everyone was into instant gratification in the 1980s, so nobody wanted to spend time building kits.

Today, the kit building revolution seems to be starting all over again. Companies are popping up all over the country, with products like transceivers, pan adaptors, antennas, test equipment, and many others. One of the leading companies is Pacific Antenna. They specialize in QRP Ham Radio kits that are inexpensive and easy to build! Check out their website at [www.qrpkits.com](http://www.qrpkits.com). They have about 70 different kits to choose from and most can be built in just a couple of very enjoyable evenings!

To get an idea of what the assembly manuals look like, click here for the 80 meter SSB QRP transceiver called the Survivor: [http://www.qrpkits.com/files/SurvivorManual\\_20160229.pdf](http://www.qrpkits.com/files/SurvivorManual_20160229.pdf). This little kit only costs \$165 and comes with a microphone!

I have to confess, I can still remember a very long time ago as a grade school student watching my father and Bill Gerdes K9GNE (silent key) open the huge box of parts and the thousands of little resistors and capacitors for the new Thomas Heathkit organ. It took months of evenings, lots of martinis, and rolls and rolls of solder. The outcome was a beautiful, very large Thomas organ, the same kind of organ that was on the Lawrence Welk show, on display in our living room. Because of this, I learned to love electronics, learned about Ham Radio, and started a music career. I can personally tell you there is nothing better to bond a family and instill a wonder of electronics than to build a kit from a box. It's a very simple idea that will give lifelong gratification.

See you at the meeting!

Joe Scheibinger K9VY



*Ed Heath and the very first Heathkit - an Airplane!*

James Bennett KA5DVS  
CEO Pacific Antenna



*Survivor 80 MHz SSB Transceiver Kit*



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### "Ham of the Year" Selected by Local Ham Radio Club

Every year, the Fond du Lac Amateur Radio Club recognizes one very special Ham radio operator who has consistently gone above and beyond the call of duty by naming the person Fond du Lac Amateur Radio Club "Ham of the Year". One of the reasons the FARC is so successful is because there are so many outstanding members that give their precious talents to the local club, and to the Ham radio hobby. The award was given on January 9th at the Mo-raine Park College to David McCumber N9WQ from North Fond du Lac, and presented by Becky Schoenfeld W1BXY, the Editor of QST Magazine, one of the largest Ham Radio publications in the world. "The member that is receiving this award lives and breathes Ham Radio." Becky said. "This member bends over backwards to help other hams in the enrichment of their hobbies. He helps the club in so many ways. It is my honor to give the 2016 Ham of the Year award to none other than N9WQ - David McCumber, past President of the FARC."

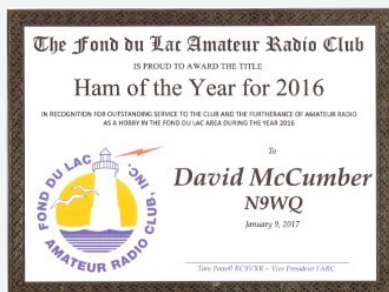
Becky continued. "the surprise second award from your chapter goes to a very special individual. The award is called the "Award of Excellence" and it's the first award of its kind given to a FARC club member. This member has shown outstanding service to the club, has attended all meetings, has attended every club event in 2016, sold brats at the brat fry, made a ton of contacts at Field Day and Walleye Weekend, and he has a passion for the hobby of Ham Radio. This member has taken on the responsibility of becoming an elected officer of the club, and he is only a teenager! If this is what the new generation of Ham radio operators are like, Ham radio is in very good hands. I hereby give the very first "Award of Excellence" to KD9FPG, Mr, Isaac Lundberg, Sergeant at Arms."



*Dave McCumber N9WQ Receives his Ham of the Year award.*



*Isaac Lundberg KD9FPG Receives his Award of Excellence.*







### MEETING MINUTES

#### FOND DU LAC AMATEUR RADIO CLUB Minutes of FDLARC Monthly Meeting Monday, January 9, 2017



##### Call to Order

The meeting was called to order at 7:01 pm with President Jim Balthazor K9AIX officiating.

##### Program

The program for the evening was a SKYPE interview with Becky Schoenfeld W1BXY. Becky is the managing editor for QST magazine.



Becky announced our Ham of the year award which she presented to Dave McCumber N9WQ. She also announced a new award "The Award of Excellence" which was given to Isaac Lundberg KD9FPG.

A Connecticut native, Schoenfeld has more than two decades of publishing experience. Prior to her

employment at ARRL Headquarters she was a Senior Project Editor at Teaching K-8 magazine, one of the most popular magazines for childhood educators, and Senior Project Editor for the prominent textbook publisher MacMillan/McGraw-Hill. In addition, she founded Amaranth magazine, a successful poetry journal.

She holds a Master of Fine Arts from Emerson College and a Bachelor of Arts from Fairfield University. Her Amateur Radio activities include portable operating, adding to her DXCC totals, and learning code on a straight key.

She discussed how she started at QST in July 2011 and her career since then. QST started in 1916 and has been continually published since 1919.



##### Introductions

All attendees introduced themselves.

##### Approval of Meeting Minutes

A motion was made Don Chapman KC9KZQ to approve the minutes of the last meeting as published in the newsletter. The motion was seconded by Paul Bluel KC9NAA. The motion carried unanimously via a voice vote.

Dave McCumber N9WQ has lots of QST magazines to give away. Contact him if you are interested



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### MEETING MINUTES

#### FOND DU LAC AMATEUR RADIO CLUB Minutes of FDLARC Monthly Meeting Monday, January 9, 2017



##### **Treasurer's report**

The treasurers report was presented by Doug Schultz N9EZF.

Income was reported s follows:

Dues and Raffle	\$ 185.00
Dinner and Dues	\$ 980.00
CD Interest	\$ 2.18

Expenses were as follows:

New Checks	\$ 14.25
Truck License Renewal	\$ 155.00
Door Prizes	\$ 100.00
Christmas Dinner and Tip	\$ 1000.00

Truck Fund	0.00
Emerg. Services Fund	1,176.64
General Use Fund	3,215.01
Savings Account	25.00
Petty Cash Fund	19.12
Total	4,436.77
Repeater Fund	228.83

A motion to approve the Treasurer's report was made by Stan Cram AI0M and seconded by Jack Heil KG9IN. The motion carried unanimously via a voice vote.

##### **Old Business**

A note that ARRL has excellent equipment insurance.

##### **New Business**

The club received three applications for membership:

Kyle Ruesch KD9FYQ Extra Class  
Derrick Giese  
Tim Brown KD9HQA Technician

The motion to accept the new members carried unanimously via a voice vote.



Rick Robinson NI9Z will be starting a new basic code class around Feb 1. If you are interested, please contact Rick.

Doug Schultz N9EZF will be conducting a testing session on Feb 18, 2017 in room O104 at Moraine Park Technical College. Contact Doug if you are interested in attending to upgrade your ticket. Make sure to spread the word to your non-HAM friends so they can join in.

We received a letter from the Madison DX Club about a scholarship they give out, you can contact Dave McCumber N9WQ for info.

Doug Schultz N9EZF has firm dates for this years Brat Fries. See the calendar in the Newsletter for specifics..

##### **Business from the Floor**

There was no business from the floor.

##### **Adjournment**

A motion to adjourn was made by Peter Fox KB9QZD and seconded by Lloyd Vandervoort N9RPU. The motion carried via a voice vote and the meeting was adjourned at 7:55 pm.

Isaac Lundberg, Sergeant at Arms, conducted the 50/50 Raffle. The winning ticket was 554544.



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### NOTICES/ANNOUNCEMENTS

#### Elmers:

It has come up several times recently that there is a need for our more experienced members to act as Elmers for the newer HAMs in the club. The first time this came up I got linked up with Jack Heil (KG9IN) and have spent many enjoyable hours with him. I've learned about hanging an antenna, contesting and a week or so ago got a super tour of my Yeasu FTDX1200. Most importantly, I finally got on the air.



#### ELMERS

Lloyd Vandervort (N9RPU)	lloydv654@gmail.com
Doug Schultz (N9EZF)	n9ezf@fdlhams.org
David McCumber ((N9WQ)	n9wq@charter.net
Marjorie & Jack Heil (KC9BEN, KG9IN)	heilmj@att.net 920-9221413
Rick Robinson (N19Z)	920-924-9559 Code, DX'ing, Contesting
Stan Cram (A10M)	Contesting, general help

At the April meeting we collected the names of several members who were willing to act as Elmers and the names of several others who would like their help. With a goal of linking the two I have listed the names below. I offer it as an exercise for the student to match Column A to Column B.

#### SEEKING HELP

Paul M. Bleuel (KC9NAA)	920-921-6015
-------------------------	--------------

—30—



#### Club Nets

Sunday Evenings - Open to all  
6:15 pm Ten Meter SSB Net-28.450 MHz  
7:30 pm Two Meter FM Net-145.430 MHz  
PL 97.4



#### FDL County ARES Net

Sunday Evenings

For ARES Team Members. Now combined with the Club Net at 7:30 pm.

ARES Coordinator: Todd Beay (AC9EX)



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### NOTICES/ANNOUNCEMENTS

#### License Exams By Doug Schultz



If you missed our last testing session in December, we will be hosting license exams again on Feb. 18, 2016 from 9:00 am to Noon at Moraine Park Technical College in Room O-104. If you know of anyone who is interested in getting their ticket, please give them a call and invite them. There is also time for you to prepare for an upgrade test.

Be aware that the question pool for the Extra Class Test took affect on July 1, 2016. If you plan on taking this test you will need to prepare using the new pool.

Editors Note: Doug is always on top of things and has already scheduled all four testing dates for next year. See the calendar for the list.

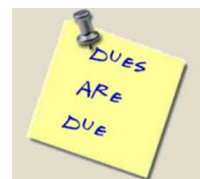


#### 2017 Club Dues By Doug Schultz

The 2017 club dues are due now. Club membership dues are \$15 for individuals, \$7.50 for students and family memberships are \$20. You can pay me at the club meeting. If you can't attend, you can mail them to:

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

Doug Schultz N9EZF



#### Member Address/Phone Directory

If you have any corrections to the Address/Phone Directory sent out with last months newsletter, please send them to Doug Schultz N9EZF at [schultz74@charter.net](mailto:schultz74@charter.net).





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## Free, For Sale or Wanted

### Upcoming HAMFESTS and Conventions From ARRL

## Hamfests

Nothing Listed For February but there is some good stuff coming up.

**03/11/2017 | [Amateur Equipment Auction](#)**

**Location:** Eau Claire, WI

**Type:** ARRL Hamfest

**Sponsor:** Eau Claire Amateur Radio Club

**Website:** <http://www.ecarc.org>

**03/19/2017 | [Hamfest 2017](#)**

**Location:** Jefferson, WI

**Type:** ARRL Hamfest

**Sponsor:** Tri County Amateur Radio Club - W9MQB

**Website:** <http://www.w9mqb.org>







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### Free, For Sale or Wanted

#### Logo Ware:

Last spring many members ordered polo shirts with the club logo on the back and name and call sign over the pocket on the front. The screen printing company, "Imagineers" in Ripon, has the logo and will print it on many items such as tee shirts, polo shirts, jackets, etc. The prices are reasonable. They do not need a minimum order and will do one item if it is paid for in advance.



You can call them to order a polo shirt like members got last year or another item, give a credit card number if you do not want to travel to Ripon, Tom Powell, KC9VXR, who lives in Ripon is willing to bring them to FDL at the next meeting or event. Or, you can come to their store in Ripon to see the many choices they can offer from a wide variety of clothing manufacturers.

Contact information is listed below. Due to the many manufacturers they buy from the options are too numerous to put on a website. They do a lot of business with schools in the area also. There are other options for purchase of club logo wear but this company was chosen last year for their prices, quality, the large variety of items, their good service, and willingness to do small orders.

Imagineers  
Howard and Jane Hansen, owners  
217 Watson St.  
Ripon, WI, 54971  
(920) 748-6599  
—30—

**Rick Robinson wore this jacket to our last meeting. It really is quite handsome. The logo is embroidered. Rick paid the setup charge already and estimates the price would be about \$125 for others.**





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### 2016 CALENDAR

**Jan. 9, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**Feb. 13, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**Feb. 18, 2017**

License Exams, 9:00 am-Noon, Moraine Park Technical College in Room O-104  
Contact: Doug Schultz



**Mar. 12 & 13, 2017**

Wisconsin QSO Party



**Mar. 13, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.  
Annual Membership Drive-Contact Joe Scheibinger

**Apr. 10, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**Apr. 22, 2017**

License Exams, 9:00 am-Noon, Moraine Park Technical College in Room O-108  
Contact: Doug Schultz



**May 8, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**May 19 thru 21, 2017**

Dayton HAMFEST



**June 2-3, 2017**

Brat Fry at the Country Corners Exxon Station, Hwy 67 and Hwy 41 in Lomira.  
8:00am TO 5:00pm—Contact: Doug Schultz



**June 12, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**June 9 - 11, 2017**

Walleye Weekend. Contact Joe Scheibinger

**June 24 & 25, 2017**

ARRL Field Day, 1800 UTC Saturday and running through 2059 UTC Sunday



**July 10, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC O-102.

**July xx, 2017**

RMC Triathlon



**Aug. 14, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**Aug. 20 2017**

Race the Lake



**August 25-26, 2017**

Brat Fry at the Country Corners Exxon Station, Hwy 67 and Hwy 41 in Lomira.  
8:00am TO 5:00pm—Contact: Doug Schultz



**Sept. 11, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112.

**Sept. 24, 2017**

Fox Cities Marathon



**Oct. 9, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112

**Oct. 14, 2017**

License Exams, 9:00 am-Noon, Moraine Park Technical College in Room O-104  
Contact: Doug Schultz



**Nov. 13 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112. Election of 2018 Officers

**Dec. x, 2017**

FdL Parade of Lights, 4:00, Downtown



**Dec. 11, 2017**

FDLARC Monthly Meeting, 7:00 pm, MPTC A-112

**Dec. 9, 2017**

License Exams, 9:00 am-Noon, Moraine Park Technical College in Room O-104  
Contact: Doug Schultz



**Dec. 10, 2017**

Christmas Party



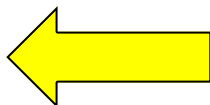




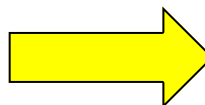
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### FDL ARC ROOSTER

Name  
Sort



Call  
Sort



Name	Callsign
Barbara Simon	W9MER
Bowen Blend	KC9VXV
Brad Freund	KC9QYP
Brian Turkiewicz	KC9LFR
Buddy Larson	KC9UVJ
Chuck Mahnke	K9HXI
Cully Kowal	KS0D
Danny Vandekolk	KC9IGD
David Mc Cumber	N9WQ
David Zittlow	K9DUI
Dawn Krause	KD9CAW
Dean Choate	KC9TGM
Dennis Paulin	KB9OFM
Dick Finn	KC9ZVW
Don Chapman	KC9KZQ
Donna Blend	KC9TFN
Dot Olig	K9FDL
Doug Murray	KC9ZVT
Doug Schultz	N9EZF
Doug Wagner	KC0RNS
Ed Beltz	N9PJQ
Ed Sippel	W9VYO
Ed Steinfeld	KB1ZJK
Edward Frac	AA9WW
Fernando Salazar	KC9ZVX
Gene Olig	KD9ZP
Gerry Radtke	WA9GON
Gregory Schmude	KD9EHB
Isaac Lundberg	KD9FPG
Jack Heil	KG9IN
Jim Balthazor	K9AIX
Jim Cole	N9WAP
Joe Lauber	KC9MDY
Joe Scheibinger	K9VY
Joyce Keyes	KC9KIJ
Justin Buell	KB9YET
Kirk Everson	KC9FZE
Larry Lamont	KB9POP
Larry Mielke	KC9RUE
Laura Yates	none
Lloyd Vandervort	N9RPU
Lori Winchel Beltz	KC9YQS
Louis Simon	KB9VQM
Marjean Buck	KC9LFI
Marjorie Heil	KC9BEN
Mark Forss	WD9CYM
Mathew Yates	KD9CSD
Matt Nett	KD9BBN
Mike Keyes	KE7ES
Mike Miller	KC9DOA
Nancy Myers	K9ANA
Neal Buck	KC9LFN
Paul Bleuel	KC9NAA
Peter Fox	KB9WZD
Randy Nelson	KC9MYG
Ray Grenier	K9KHW
Reinhold Aschmotat	N8VDH
Rick Robinson	NI9Z
Ron Keller	KC9YVL
Stan Cram	AI0M

Ted Neuburg  
Ted Willett  
Todd Beay  
Tom Karmann  
Tom Murray  
Tom Powell  
Tony Pass  
Walter Rueger

W9LUQ  
W9NHE  
AC9EX  
KC9VZY  
NOHOR  
KC9VXR  
KC9QYR  
KC9WQ

Rick Robinson  
Laura Yates  
Ted Neuburg  
Barbara Simon  
Ted Willett  
Ed Sippel  
Gerry Radtke  
Mark Forss

NI9Z  
none  
W9LUQ  
W9MER  
W9NHE  
W9VYO  
WA9GON  
WD9CYM

Name	Callsign
Edward Frac	AA9WW
Todd Beay	AC9EX
Stan Cram	AI0M
Jim Balthazor	K9AIX
Nancy Myers	K9ANA
David Zittlow	K9DUI
Dot Olig	K9FDL
Chuck Mahnke	K9HXI
Ray Grenier	K9KHW
Joe Scheibinger	K9VY
Ed Steinfeld	KB1ZJK
Dennis Paulin	KB9OFM
Larry Lamont	KB9POP
Louis Simon	KB9VQM
Peter Fox	KB9WZD
Justin Buell	KB9YET
Doug Wagner	KC0RNS
Marjorie Heil	KC9BEN
Mike Miller	KC9DOA
Kirk Everson	KC9FZE
Danny Vandekolk	KC9IGD
Joyce Keyes	KC9KIJ
Don Chapman	KC9KZQ
Marjean Buck	KC9LFI
Neal Buck	KC9LFN
Brian Turkiewicz	KC9LFR
Joe Lauber	KC9MDY
Randy Nelson	KC9MYG
Paul Bleuel	KC9NAA
Brad Freund	KC9QYP
Tony Pass	KC9QYR
Larry Mielke	KC9RUE
Donna Blend	KC9TFN
Dean Choate	KC9TGM
Buddy Larson	KC9UVJ
Tom Powell	KC9VXR
Bowen Blend	KC9VXV
Tom Karmann	KC9VZY
Walter Rueger	KC9WQ
Lori Winchel Beltz	KC9YQS
Ron Keller	KC9YVL
Doug Murray	KC9ZVT
Dick Finn	KC9ZVW
Fernando Salazar	KC9ZVX
Matt Nett	KD9BBN
Dawn Krause	KD9CAW
Mathew Yates	KD9CSD
Gregory Schmude	KD9EHB
Isaac Lundberg	KD9FPG
Gene Olig	KD9ZP
Mike Keyes	KE7ES
Jack Heil	KG9IN
Cully Kowal	KS0D
Tom Murray	NOHOR
Reinhold Aschmotat	N8VDH
Doug Schultz	N9EZF
Ed Beltz	N9PJQ
Lloyd Vandervort	N9RPU
Jim Cole	N9WAP
David Mc Cumber	N9WQ