



FOND DU LAC AMATEUR RADIO CLUB

— FDL 73 —



VOLUME 18 ISSUE 1

www.fdlhams.org January, 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.

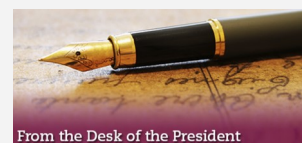
Mailing Address

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

**Newsletter
Submissions:**
Please email to
rfinn5@hotmail.com

The Presidents Corner

By: Jim Balthazor



Wow, what a party! My compliments to Buddy on a wonderful Christmas Party, the food was great the company was excellent, and the Dirty Santa Gift exchange was a riot. Holly and I had a great time, and we look forward to next year's party.

The coming year will be an interesting year for our hobby. Amateur Radio Operators in communities controlled by Home Owners Associations have suffered a setback by the U.S. Senate's decision to not take a floor vote on the Amateur Radio Parity Act. I expect that the ARRL will be committed to pushing this bill through both houses in the next session and hopefully a better version of the bill will eventually pass and become law.

On a more local level I'm looking forward to being at the Brat Fry, Ham Radio Play Day, Field Day and of course the Christmas Party.

Happy New Year!

JB – K9AIX



Next Meeting

When: Jan. 9, 2017 at 7:00 pm

Where: Moraine Park Technical College
Room A-112

Program: TBD



QST Managing Editor Becky Schoenfeld to Speak at FARC Meeting! By: Joe Scheibinger K9VY

Yes, you read that right! Becky Schoenfeld W1BXY, Managing Editor of one of the greatest magazines in our field, and one of the oldest radio enthusiast publications in the world, will be our guest speaker at the January 9th meeting!

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.

"QST" is a magazine for amateur radio enthusiasts, published by the American Radio Relay League (ARRL). It is a magazine that is included with membership in the ARRL. The League has over 170,000 members worldwide as of January 2016, and a staff of 100 full time and part time employees. ARRL also publishes three special interest



Becky Schoenfeld W1BXY - Managing editor of QST Magazine

magazines, QST, QEX, NCI, along with over 160 books and software titles and a variety of special interest newsletters.

In Ham Radio, the "Q" codes are typically used when there is a need or desire to express a particular idea and do so as quickly and simply as possible using Morse Code. "QST" means "Message to all radio Amateurs", and makes a perfect name for the most popular radio magazine for Amateur radio!

The ARRL is the national membership association for Amateur Radio operators. The League represents Amateur Radio interests to regulatory bodies, provides technical advice and assistance to Amateur Radio enthusiasts and supports a number of educational programs throughout the country. ARRL is a non-profit organization and has relationships with several other organizations including the Federal Emergency Management Agency, the American Red Cross, the Salvation Army, the Department of Defense, the Boy Scouts of America and several others.





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Fond du Lac Christmas Parade. By Peter Fox KB9WZD



Our club again participated in running the Fond du Lac Christmas Parade. All totaled we had 11 amateur volunteers

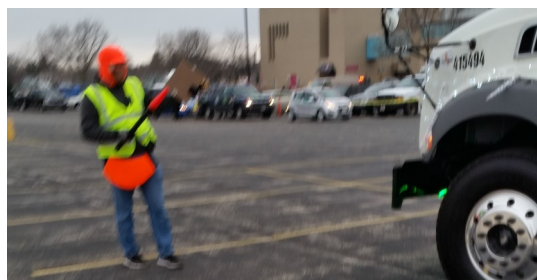
Dawn Krause, KD9CAW
Paul Bleuel, KC9NAA
Tom Powell, KC9VXR
Don Chapman, KC9KZQ
Doug Schultz, N9EZF
Buddy Larson, KC9UVJ
Justin Buell, KB9YET
Peter Fox, KB9WZD
Brian Turkiewicz, KC9LFR
Nate Van Da Huvel, KC9LFQ

We also had an additional volunteer from the Calumet Group that I did not get the name of.

Regarding the help there are a couple of outliers that made this event possible and successful. First it would be impossible to even pull off if not for Buddy KC9UVJ and Justin KB9YET these guys are the ones I can truly depend on when everything is going wrong (and it tried to). Additionally without the support from Calumet ARES from Brian KC9LFR we would have surely failed as we lack the experience with High volume traffic flow. In addition, they exceeded my hopes and were able to mostly fill our personnel shortage. If possible we need to make sure and repay them at their events next year.

Regarding hours of time volunteered Justin, Buddy, and myself had about 6 hours on site today with the majority of the rest having 3-4 hours. I was not able to keep better track.

Many thanks to Dawn Krause KD9CAW for the pictures.





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December 9, 2016 Testing Session

Doug Schultz coordinated our final testing session for 2016 on December 9th. This was again a successful operation with two people moving their HAM career forward.



Doug Schultz N9EZF and Stan Cram AI0M (above) and Dick Finn (on the other side of the camera) made up the team of three required Volunteer Examiners (VE).



Stan Cram AI0M congratulates Kyle Ruesch KD9FYQ on upgrading his ticket to Extra Class.



Stan Cram AI0M congratulates Phillip Paulson KC9ZCP on upgrading his ticket to General Class.





Annual Christmas Party, Dec. 10, 2016



We held our annual Christmas Party at Jim and Linda's Lakeview Restaurant again this year with 41 members and guests attending. Everyone had a great time at a reasonable cost (\$20.00). Jim and Linda put together a great menu including tenderloin, prime rib and even fried fish along with several other items. The dinner included soup and salad and the portions were large and no one went Hungry,

After dinner, Buddy Larson KC9UVJ and Ted Willett W9NHE MC'ed the Christmas Gift swap. After the gift exchange the door prizes were given out—a Jim and Linda's gift certificate and four Bao Feng radios.





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Noise floor report does not inspire confidence By Dan Romanchik, KB6NU



Last June, the FCC's Technical Advisory Committee asked licensed and unlicensed users of the electromagnetic spectrum to answer some questions about the noise they were experiencing and whether or not it was affecting their services. Specifically, they asked:

- * Is there a noise floor problem?
- * Where does the problem exist? Spectrally? Spatially? Temporally?
- * Is there quantitative evidence of the overall increase in the total integrated noise floor across various segments of the radio frequency spectrum?
- * How should a noise study be performed?

Well, the results are in, and Radio World recently published a summary of the responses that the FCC received (<http://www.radioworld.com/business-and-law/0009/noise-floor-where-do-we-go-from-here/338242>). The FCC received 93 replies from 73 (great number, eh?) different people or organizations, including:

- * 23 companies/industry organizations
- * 39 RF professionals (broadcast and wireless)
- * 31 licensed radio amateurs
- * 9 responders did not reply to the questions asked

Respondents included the ARRL, the Society of Broadcast Engineers, the National Association of Broadcasters, the National Public Safety Telecommunications Council, ATT, and the National Electrical Manufacturers Association. I found especially interesting comments from the Society of Broadcast Engineers. They include:

- * Increased cooperation is needed between manufacturers of Part 15 devices and users of radio spectrum to identify noise sources and take appropriate remedial action.
- * Radiated emission limits below 30 MHz in the FCC Part 15 rules for unintentional emitters should be enacted. There are presently no radiated emission limits below 30 MHz for most unintentional emitters.
- * Reduced Part 15 limits for LED lights should be enacted to be harmonized with the Part 18 lower limits for fluorescent bulbs.
- * Better labeling on packaging for Part 18 fluorescent bulbs and ballasts to better inform consumers of potential interference to radio, TV and cellphone reception in the residential environment.
- * Specific radiated and/or conducted emission limits for incidental emitters, such as motors or power lines, should be enacted.
- * Conducted emission limits on pulse-width motor controllers used in appliances should be enacted.
- * Substantially increase the visibility of enforcement in power line interference cases.

Other organizations made similar comments.

While the report is encouraging, it won't mean a thing if no action is taken on these issues. Given that the FCC is cutting back on its field offices, and our president-elect has said that he plans to reduce the number of governmental regulations, I'm not optimistic that we'll see the noise situation get better before it gets worse. What do you all think?

When he's not battling the noise floor at his QTH, Dan blogs about amateur radio at KB6NU.Com, writes the "No Non-sense" amateur radio study guides and teaches ham classes. You can contact him by e-mailing cwgeek@kb6nu.com.



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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. 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 at or before the January, 2017 club meeting. Club membership dues are \$15 for individuals, \$7.50 for students and family memberships are \$20. They can pay me at the November 14th club meeting or at the Holiday Party on Dec. 11th. If they can't attend either of those events they can mail them to:

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

Doug Schultz N9EZF





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Free, For Sale or Wanted

Upcoming HAMFESTS and Conventions From ARRL

Hamfests

Hamfest/Convention

01/07/2017 | [West Allis RAC's 45th Annual Midwinter Swapfest](#)

Location: Waukesha, WI

Type: ARRL Hamfest

Sponsor: West Allis Radio Amateur Club (WARAC)

Website: <http://www.warac.org>



45th ANNUAL MIDWINTER Ham Radio, Computer, Electronics **SWAPFEST**

Saturday, January 7, 2017

8:00 AM - 1:00 PM

Waukesha County Expo Center Arena

1000 Northview Rd (County Trunk FT)

Waukesha, Wisconsin

(GPS: Lat: 43.03304 Lon: -88.24207)

Tickets - \$5.00 Advance - \$6.00 at the door

FREE PARKING

Free
Admission Ticket
With 2 Tables
(3 max)

Tickets and Tables: For table information or tickets, contact: Steve Dryja, N0SB, [262.593.9470](tel:2625939470).

Mail ticket orders to: (Please include SASE)

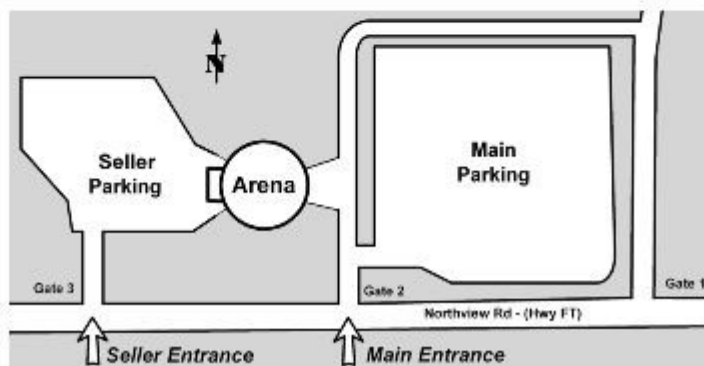
WARAC Swapfest
P. O. Box 1072
Milwaukee, WI 53201

See [Flyer](#) for more information and Table Reservation Form.

Amateur Exams:

At Waukesha County Airport, Main Terminal Conference Room – 9:00AM to 11:15AM
Enter off County FT east of Expo, proceed to terminal building.

Arena Map:



[Satellite View of Expo complex](#)

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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-104
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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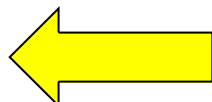
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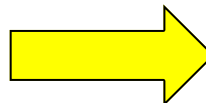
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FDL ARC ROOSTER

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 | N9EZ |
| 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 | N9EZ |
| Ed Beltz | N9PJQ |
| Lloyd Vandervort | N9RPU |
| Jim Cole | N9WAP |
| David Mc Cumber | N9WQ |