



FOND DU LAC AMATEUR RADIO CLUB

—73—



VOLUME 16 ISSUE 7

www.fdlhams.org July, 2015

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



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President: Donald Larson KC9UVJ
Vice-President: Tom Powell, KC9VXR,
Secretary: Lloyd Vandervort N9RPU
Treasurer: Doug Schultz N9EZF
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Board Member: Larry Mielke KC9RUE

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Education/Scholarship: Jack Heil KG9IN
Field Day: Gruenwald KB9KEG, Heil KG9IN
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Testing: Doug Schultz N9EZF
Truck: Brad Freund KC9QYP
TVI: Lloyd Vandervort N9RPU
Web Site: Steve Smith W9GPI

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 Incredible Bob Heil Guest Speaker at FDL Ham Radio Club July Meeting BY: Joe Scheibinger



The Fond du Lac Amateur Radio Club will be holding their next meeting on Monday July 13th, at 7:00 PM at the Moraine Park Technical College in Fond du Lac. This meeting will be held in room O104, on the Fond du Lac Moraine Park campus. Our guest speaker for the event will be the incredible Bob Heil. The meeting is free and open to the public

Bob Heil is a world renowned pioneer in electronics and Ham Radio. Highly opinionated and fiercely independent in his views about pro sound, Bob Heil designs and builds microphones and Ham Radio accessories, and possesses a professional resume to back up his often out-of-the-box attitude. It was Bob who invented one of the most memorable guitar effects of all time: the Heil Talk Box that made Peter Frampton a fixture on '70s album charts.

One of Peter Frampton's most famous songs is "Show Me The Way", featuring Frampton using the Heil Talk Box. Heil explains how he developed one of the most famous pieces of musicians gear in history. "Joe Walsh had recorded "Rocky Mountain Way" using an 8" speaker and a funnel, a device used in Nashville by the steel guitar players. Well, it wasn't very loud so you couldn't use it live. So here we are, two ham radio operators on a Sunday afternoon out in my plant. We grabbed a 250-watt JBL, built a low-pass filter, got all the plumbing together, and voila—the Talk Box. That's how it started.

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Next Meeting

When: July 13, 2015 at 7:00 pm

Where: Moraine Park Technical College,
Room O-104

Program: Bob Heil
Membership Drive





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The Incredible Bob Heil (Cont.):

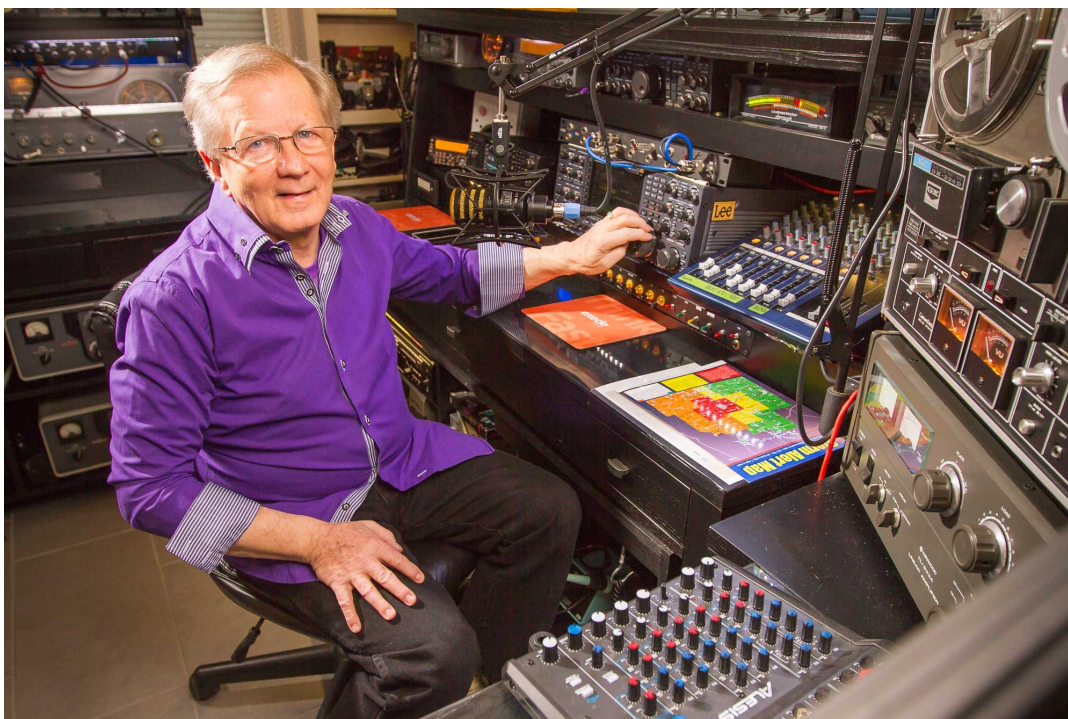
After that, everybody's going nuts! "What's this thing he's got?" So I put together a commercial unit called the Heil Talk Box. Then Peter Frampton's girlfriend, Penny, called me wanting a Christmas present for Peter. So I sent a Talk Box. The rest of the story writes itself from there." Bob Heil has designed some of the very best microphones used by many professional artists. Heil said "We have blown the lid off that dynamic microphone market, all because Joe Walsh wanted me to build him a 'better' microphone since everyone else has moved off to China and just copying their 45 year old design. Hundreds of leading artists have discovered the PR 35. Carrie Underwood, Charlie Daniels, Joan Baez, Keith Urban, Joe Walsh...on and on...hundreds."



He's built sound systems for some of the most hallowed names in rock. Names like The Who, The Grateful Dead, The Eagles, Humble Pie, Peter Frampton, and pivotally, his longtime pal Joe Walsh with whom he shares an obsession for Ham radio. It's his lifelong love of amateur radio that has surprisingly helped put Heil Sound at the forefront of live music reproduction with a collection of microphones that has been winning converts everywhere. Heil said "Yes, I was blessed my whole life. So much of what leads the way is my ham radio which taught me how to build and my Wurlitzer theatre organ career that taught (and still teaches me) how to listen as we tune and voice those 6 to 8 thousand pipes. Listening is an art and I learned it early."

Bob is also the television host of the show "Ham Nation" which is watched by Ham Radio enthusiasts around the world.

The public is invited and there is no cover charge. For more information contact Joe Scheibinger at 920-237-1450.





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July Meeting Will Be Our First "Membership Drive"

We have had an incredible summer so far with the Brat Fry and the super Field Day event. And our July meeting will feature Mr Ham Radio himself, the great Bob Heil. On top of that, Bob instructed Heil Industries to send us a Heil PR-10 Ham Radio microphone valued at \$269.00! So we have decided to make our July meeting our first membership drive meeting! Press releases will be sent out to all newspaper and radio stations within a 50 mile radius of Fond du Lac. We invite you to share the Ham experience by asking anyone of your friends to come along with you to the meeting! If they are interested in electronics, radio, scanners, or would like to someday have their ham license! I guess you could say it's bring a friend to the meeting night!



Our Meeting Room Has Changed For The July Meeting

Stan Cram has announced that the July District Board meeting will be held in A112 so we will need to move to another room for the meeting. So the July meeting will be held in Room O104. Please park in the "O" parking lot with the entrance on National Ave and take the "O" door. The room will be the first one on the left.

Walleye Weekend (Lloyd Vandervoort):



The weather for this years Walleye Weekend was a big disappointment to the folks manning the Yellow Banana. Even so, it was worse for the organizers of the overall event. We had rain almost continuously for the whole weekend.

Not much happened Saturday only a few contacts were made and conditions were very bad, Sunday was a little better. Ron Keller (KC9YVL) brought out his delta loop and made a few HF contacts and we made a dozen or so more PSK contacts. About the only visitors were Larry Mielke (KC8RUE) and his wife Jill.

Continued With Pictures on the Next Page



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Walleye Weekend (cont.):



Mike Miller (KC9DOA) and Randy Grunewald (KB9KEG) watching the antennas being set up.



Lloyd Vandervoort (N9RPU), Randy Grunewald (KB9KEG) and Mike Miller (KC9DOA) taking an outside break.



Lloyd Vandervoort (N9RPU), Mike Miller (KC9DOA) and Ron Keller (KC9YVL) working the radios.



Ron Keller KC9YVL erects an antenna with his son Mirchell.



Don Chapman KC9KZQ in the Yellow Banana.



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Walleye Weekend (cont.):



Buddy Larson (KC9UVJ) works the radios on Sunday.



Peter Fox (KB9WZD) and Buddy Larson (KC9UVJ) in the Yellow Banana



Lloyd Vandervoort (N9RPU) and Mike Miller (KC9DOA) working PSK.



Peter Fox (KB9WZD) taking a break



Ron Keller KC9YVL setting up the antennas.



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An interesting factoid from the Big Bang Theory: Sheldon's 73 Shirt can be seen on Dr. Sheldon Cooper on the Big Bang Theory. The 73 reference is from Season 4, Episode 10 (The Alien Parasite Hypothesis), when Sheldon says "The best number is 73.... 73 is the twenty-first prime number. Its mirror, 37, is the twelfth and its mirror, 21, is the product of multiplying (hang on to your hats) 7 and 3.... In binary, 73 is a palindrome: 1-0-0-1-0-0-1, which backwards is 1-0-0-1-0-0-1."

Glen Zook, K9STH, posted this to the Heathkit mailing list:

Many amateurs already know that "73" is from what is known as the "Phillips Code", a series of numeric messages conceived for the purpose of cutting down transmission time on the old land telegraph systems when sending text that is basically the same.

In the April 1935 issue of QST on page 60 there is a short article on the origin of 73. This article was a summation of another article that appeared in the "December Bulletin from the Navy Department Office of the Chief of Naval Operations". That would be December of 1934.

The quotation from the Navy is as follows: "It appears from a research of telegraph histories that in 1859 the telegraph people held a convention, and one of its features was a discussion as to the saving of 'line time'. A committee was appointed to devise a code to reduce standard expressions to symbols or figures. This committee worked out a figure code, from figure 1 to 92. Most of these figure symbols became obsolescent, but a few remain to this date, such as 4, which means 'Where shall I go ahead?'. Figure 9 means 'wire', the wire chief being on the wire and that everyone should close their keys. Symbol 13 means 'I don't understand'; 22 is 'love and a kiss'; 30 means 'good night' or 'the end'. The symbol most often used now is 73, which means 'my compliments' and 92 is for the word 'deliver.' The other figures in between the forgoing have fallen into almost complete disuse."

One of the chief telegraphers of the Navy Department of Communications, a J. L. Bishop, quoted from memory the signals that were in effect in 1905:

1	Wait a minute	22	Love and kisses
4	Where shall I start in message?	25	Busy on another circuit
5	Have you anything for me?	30	Finished, the end-used mainly by press
9	Attention or clear the wire	73	My compliments, or Best Regards
13	I do not understand	92	Deliver

Now days, 22 has become 88 (love and kisses). I don't know when this came about. 30 is still used in the newspaper and magazine business to indicate the end of a feature, story, or column. And, of course, 73 is still used by amateur radio operators to mean "best regards".





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73 (cont.):

Making any of these numbers plural (73s, 88s, etc.) is incorrect since they are already plural. 73s would mean best regardses and 88s would mean love and kisseses. Those make no sense.

Phillips Code "19" and "31" refer to train orders. They were so well known that the terms "19 order" and "31 order" were still in RR use in the 1970s, long after the telegraph was gone.

The abbreviation "es" for "and" derives from the Morse character "&". The prosign "SK" with the letters run together derives from the Morse "30".

The numeric code is a small part of the abbreviations outlined in the Phillips Code (developed by telegrapher Walter P. Phillips). Here are the numbers as referenced:

1	Wait a moment	25	Busy on another wire
2	Important Business	26	Put on ground wire
3	What time is it?	27	Priority, very important
4	Where shall I go ahead?	28	Do you get my writing?
5	Have you business for me?	29	Private, deliver in sealed envelope
6	I am ready	30	No more (end)
7	Are you ready?	31	Form 31 train order
8	Close your key; circuit is busy	32	I understand that I am to ...
9	Close your key for priorit business (Wire chief, dispatcher, etc)	33	Car report (Also, answer is paid for)
10	Keep this circuit closed	34	Message for all officers
12	Do you understand?	35	You may use my signal to answer this
13	I understand	37	Diversion (Also, inform all interested)
14	What is the weather?	39	Important, with priority on thru wire (Also, sleep-car report)
15	For you and other to copy	44	Answer promptly by wire
17	Lightning here	73	Best regards
18	What is the trouble?	88	Love and kisses
19	Form 19 train order	91	Superintendent's signal
21	Stop for a meal	92	Deliver promptly
22	Wire test	93	Vice President and General Manager's signals
23	All copy	95	President's signal
24	Repeat this back	134	Who is at the key?





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2015 ARRL Field Day



We really got lucky with the weatyher this year. It was sunny and comfortably warm with the temperatures in the mid 70's with humidity in the mid 30% range. All and all a wonderful day for the annual Field Day.

Setup started at about 8:00am on Saturday the 27th. The Yellow Banana was parked on the west side of the UW North parking lot and the foot tent was set up right next to it. Many thanks to everyone who brought food. There was no shortage of thinks to eat. Sloppy Joes, cold ham, chips cookies brownies and a ton of other snacks were available.



Stan Cram's daughter, Marjorie Heil KC9BEN and Dawn Krause KD9CAW in the food tent. Marjorie played a lead role in getting all the food in place to feed the hungry crew,



Rick Robinson NI9Z, Dawn Krause KD9CAW and xxxxxx taking a break for lunch.



Stan Cram A10M and Lloyd Vandervoort N9RPU obviously enjoying their lunch before the activities



Joyce Keyes KC9KIJ and Marjorie Heil KC9BEN aking a break next to the Yellow Banana.



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Ron Keller provided a van that he purchased at auction with an extendible mast. It obviously had began its life as a mobile station for one of the local television studios. The mast was extended using compressed air and all Ron had was a little Tool Shop compressor so he was filling the tank, extending the mast a few inches and then refilling the tank. It still got up pretty high.



Ron Keller's KC9YVL van with the mast for the 2M antenna



It took a lot of time to get the mast from this level up to its fully extended height at the left.



Ron Keller KC9YVL at the back of his van with the little air compressor used to push the mast up,



It's doubtful that Ron would have ever got the mast erected if it was not for the help of the above crew.



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The Yellow Banana was used for PSK traffic. It also had the setup for for our Local Area Network. Buddy Larson set up the net with stations in each of the trailers.



Lloyd Vandervoort N9RPU waiting out the last few minutes before Field Day officially starts at 1:00pm.



Lloyd Vandervoort N9RPU and Buddy Larson KC9UVJ in the Yellow Banana. Lloyd made the first PSK contact within a few minutes of the



Buddy Larson KC9UVJ hitting the enter key with a flourish to transmit the start of Field Day message to





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Voice was set up in the motorhome on the south side of the parking lot.



Joe Lauber KC9MDY records contacts while Doug Schultz operates. Fred Soot from Chicago is at the rear left.



Cully Kowal KS0D looks over the group portrait that San Cram A10M took of the Field Day crew in front of the Yellow Banana



Joe Lauber KC9MDY records contacts while Fred Soot and Dawn Krause KC9CAW look on.



Ron KC9YVL and Tammy Keller. Many thanks to Tammy for stopping by. She is an elected official in North Fond du Lac and allowed us to claim extra points.



The motorhome used for voice with the Calumet County ARES/RACES Trailer in the rear.



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CW was operating out of Ron Keller's ambulance.



Jeff Buchner .worked CW in Ron Keller's KC8YVL ambulance.



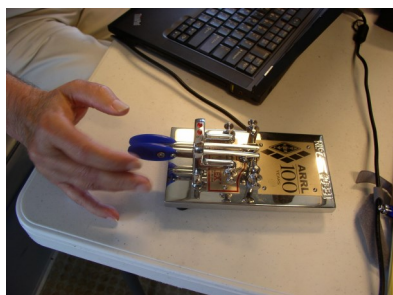
Jack Heil KG9IN in the ambulance observing the CW operation.



Ron Keller KC8YVL in the ambulance



Brian Turkiewicz KC9LFR in the Calumet County ARES/RACES Trailer. Many thanks to Brian for coming down and helping us out/





2015 ARRL Field Day

Teardown on Sunday afternoon. Everything was completed by about 2:00 pm.



Buddy Larson KC9UVJ sends the end of Field Day message to all the stations on the LAN.



Peter Fox takes down the antenna on the Yellow Banana.



Ron Keller KC9YVL and Randy Grunewald KB9KEG coil up cable.



Marjorie Heil KC9BEN coordinates cleaning up the food area.



Dave McCumber N9WQ wraps things up in the motor home.



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Saturday Group Picture. Taken just before Field Day kicked off. Many thanks to Stan Cram for the picture—Excellent Job!





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2015 ARRL FIELD DAY
HAM RADIO

Sunday Group Picture. Taken just after Field Day kicked ended at 1:00 pm.



CQ Field Day — Guide to Top Scores

By: Stan Cram AIØM



The following was submitted by Stan Cram AIØM, He has some great suggestions—this will be worth reprinting just before next Field Day.

Many new hams sporting their first phone ticket can get their feet wet on HF in what promises to be a spectacular way when they have the opportunity to join their club working Field Day. Being part the field day team means everyone pulling together to garner as many contacts as possible on as many bands as possible which will yield the highest number of points.

The Game Plan: In order to be successful some serious planning needs to take place beforehand. First, the club needs to decide which modes and bands can be operated such as phone, digital modes and CW. Further, who in the club will be operating on which modes and when.



Of critical importance is of course where the operating stations will be set up at remotely in the field. There are any number of options depending on proximity to club members but I've seen successful operations on public and private lands. Ideally it is best to find a place out of the way of regular traffic, power line interference which has tall trees or structures that lend themselves to throwing up antennas.

Working Conditions: On the day of the event we all keep our fingers crossed the sunspot cycle is giving the best maximum useable frequency which lends itself to the greatest amount of skip propagation. The better the skip the better the chances of working a lot of stations.

Related to band conditions, the club needs to decide how much power they are running. If the club wants to run alpha they will be choosing to use low power with 100 watts or less. Points can also be multiplied using solar or battery power. Generally as power goes up points can go down.

Next, there has to be a decision how many stations will be on the air (Field Day) during the event. I have worked some stations as high as 13 operators running simultaneously on the same site. However, unless you plan to be very far apart and running some form of tuned band pass filter boxes the chances of cross splatter can be debilitating to the adjacent operations running on the same band. This is one reason why many clubs choose to run low power to lessen the chance of completely blanking out another station on site.

However with good spacing and outboard filters I have seen Field Day teams successfully work using high power, but remember while you may have a signal that can be heard in Beijing you will sacrifice some points for running a kilowatt. But when all is said and done I will take being heard rather than shouting into the microphone at a station calling "CQ Field Day" repeatedly, hoping to be the station acknowledged.

The Antenna: Whether you plan to run state of the art radios or vintage models, your signal is only as good as the antenna you choose to attach. Once you have decided the where you are going, who will be working what mode and when as well as you power level you will need to stack the deck in your favor with the type of antennas that will be used. Whether a wire antenna, vertical or beam there are pluses and minuses to each depending on time of day and band.



CQ Field Day — Guide to Top Scores

By: Stan Cram A10M



Wire: On the plus side wire antennas are easy to put up and can provide in many cases the ability to operate (depending on length and design) on a number of bands. While the multiband antenna has versatility it can come at a price of having little gain over unity and can be a compromise with having to tune it and possible signal strength loss depending on how far center frequency standing wave is from the desired operating mode.

Wire is not a bad choice. However, when it comes to low band operation, 40 and 80 meters length of a half wave is significant at those frequencies making a beam choice either highly difficult to impossible.

While most wire antennas can possess a bit of directivity they tend to work well enough to hear in nearly every direction. The low band antennas are a must at night and very early morning when 40 and 80 are traditionally open and noticeably clear of atmospheric noise present during the daylight hours.

Vertical Antennas: The advantage of a vertical antenna is its ability to send and receive in every direction (omnidirectional). Depending on the band these antennas can work very well even to antennas that are receiving horizontally. I have also seen many of these successfully operated during field day.

The only drawback on verticals is often the need to supply a counterpoise of ground wires which radiate from the base. Having ground wires which have been strategically placed in half wave lengths in a circular pattern off the base will significantly improve performance. Trapped versions of verticals can work many if not all HF bands for Field Day operation.

Beam Antennas: There are quite a few positive things regarding beam antennas with the greatest advantage of higher forward gain as well as the ability to zero in on the part of the country or world you want to communicate with. Granted, beams present a bit more difficulty to erect on Field Day and generally will require a solid mast, pole or tower that can accommodate a rotor.

The only drawback for beams can be time of day since a number of bands they operate on (such as a tri-bander 10, 15, 20 meters). Unless band conditions are really hot on field day 10 and 15 meters will usually die out around gray line/dusk. Advantageously during the summer, 20 meters can run well deep into the early morning hours.

Other than the weight and structural need for beams one of the few disadvantages can be you may miss a signal coming back to you from the back side of the antenna. Unlike the vertical or wire antenna, the beam will often need to be rotated to capture a weaker signal.

Depending on the speed of the rotator this may mean loss of a contact or two waiting for the antenna to click into the right direction.

That being said, whatever you might lose turning the antenna on occasion you will more than make up for in the number of solid contacts, often on the first try. Clearly running a beam can give you a huge advantage, especially during daylight hours.

Stacking the Deck: Okay having determined where Field Day will take place, how many stations, which bands, who will operate which modes, who will work at what time of the day and night and what kinds of antennas, radios and power sources will be used is all together it is time to strategize.



CQ Field Day — Guide to Top Scores

By: Stan Cram A10M



Frankly we can all come to the party decked out in our Sunday best but if we don't know how to dance we will lose out on dance partners. Yes we can, for sure, invite a politician, bring out the newspaper or the media outlet for bonus points but the rubber meets the road with the bottom line. How many contacts, how many points?

The Kid and YL factor: While this point is pretty much meaningless on digital and CW modes having a young person or a YL operate on the phone station is virtually a sure thing to pick up more return calls. Let's face it there are significantly more OM's (Old Men) on the air than YL's (young ladies) and kids.

Inevitably when I hear a kid or a YL in a pileup I will go back to them first. They are the next best thing to rare DX. So having kids on a GOTA station (Get on the Air) will pull in more points as well as having YL's at the microphone. However, that being said, the key is they have to know how to operate like a contester.

The Contester Edge: Frankly here is where all the best intentions can fall by the wayside. You sign up for your turn at the microphone, you have your trusty logging companion at your side and either you are living in a pileup of callers or drifting through the band hoping to make a contact.

It boils down to knowing how to play the game. I have seen it many times and for short bursts I will do it myself. I call it the "**dial and pounce mode**." It works like this. You pick a band and listen to see first how strong the signals are and start say at the bottom of the phone portion and work your way up the band listening for stations calling CQ Field Day. Once you find one you wait patiently until they are completed their exchange and key the mic and shout out your call waiting for them to acknowledge you with the exchange.

Yes this works okay for the most part but there are a number of factors you need to take into consideration. You predicate this method on the idea that the station you are calling can actually hear you. Every time you have to repeat your call, the chances of you being heard get lower. Now you just wasted several minutes calling and calling with either finally making the contact or throwing your hands up in frustration.

Remember what I said earlier about power and directional antennas. If you choose to use low power your biggest advantage for dial and pounce is going to be directivity and gain. Your chances of being heard increase as gain, directivity and power go up. From peanut whistle to big gun.

So if dial and pounce is not working for you then you ask the question. How can I be sure I am being heard? The answer, instead of you chasing them, let them come to you.

It's kind of like going to the casino and seeing the same person sitting at the same machine every time you walk in the door. Either they are insane or maybe they just found the machine that consistently pays out. For Field Day the trick that consistently pays out is what I call "**Park and Call**".

Your chances of being heard and working potentially a massive number of stations, racking up oodles of points lives with this strategy. Here's how. Pick a band that is working well with lots of contacts being made. Dial carefully, listen to find a space that is clear and far away enough from adjacent splatter as possible. Listen for a bit and then key the mic and say, "QRZ is this frequency in use, is the frequency in use?" do it again. If no one comes back then start calling CQ Field Day, CQ Field Day, CQ Field Day, this is (club call sign), (club call sign) calling CQ Field Day and listening. Stop and listen, if nothing is heard keep calling.



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CQ Field Day — Guide to Top Scores

By: Stan Cram A10M

It may take a few calls to alert other hams to your call but once they find you, they become the search and pouncers praying you will hear *them*. The fact that they are calling you ipso facto means they can hear you. Once you park on the right frequency you can literally find yourself in a pileup of stations calling, sometimes as fast as you can give the exchange and move to the next.

I work lots of contests and inevitably I have found Park and Call to be the sure fire best way to work the most stations hands down.

Side note here, make sure your logger has a good set of headphones to verify the calls and can keep up with the logging program and remembers (if not computer controlled from the radio) to select the right band in the logging program when you switch bands on the radio.

A further note: Since this works so well and if the contest becomes somewhat panda monic on frequency you will need to be careful not to let too much dead time take place on your operating location, otherwise someone will slip in and call right over the top of you.

If you happen to be in a particularly good band location you may want to announce that you are changing operators when the new person comes on board. I even heard a YL (remember) working field day who had so many stations calling on their Parked location she was working stations by call area. Now that is a pile up!

Our club did really well this year but I guarantee if you remember these important tricks for next year we will knock our scores out of the ballpark



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

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—

*Could this be someone
you know?*





FOND DU LAC AMATEUR RADIO CLUB

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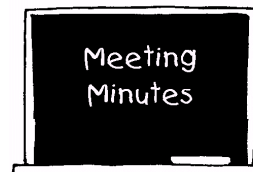


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FOND DU LAC AMATEUR RADIO CLUB Minutes of FDLARC Monthly Meeting Monday, June 8, 2014



Call to Order

The meeting was called to order at 7:00p by President Buddy Larson (KC9UVJ) officiating.

Introductions

All attendees introduced themselves. There were no new members.

Approval of the Minutes

A motion was made by Tony Pass (KC9QYR) to approve the minutes from May. Seconded by Stan Cram (A10M). The Motion carried via a voice vote.

Treasurer's report (5/8/15)

Truck Fund	\$37.96
Emerg. Services Fund	1022.86
General Use Fund	2486.14
Savings Account	25.00
Petty Cash Fund	<u>25.00</u>
Total	3,596.96
Repeater Fund	626.81



A motion to approve the Treasurer's report was made by Don Chapman (KC9KZQ), and seconded by Jack Heil (KG9IN). The motion carried via a voice vote.

The Brat Fry profit was \$885.95. This was nearly as much as previous Brat Fries even though we had rain nearly all day on the second day. This was made possible by raising the prices for the brats and burgers.

Bills were received for Club Liability Insurance \$ 200.00, Club Equipment Insurance \$ 89.00, Truck. Batteries \$ 94.94 and Truck Insurance \$753.00. A motion to pay the bills was made by Jack Heil (kg9in) and seconded by Stan Cram (a10m) . The motion carried via a voice vote.



Old Business

Brat fry: had a good turnout despite sat rain, the grill worked out fine small failure on the truck, a shorted wire disabled the lift gate, easily fixed by Dave and Peter. Notice: be sure the truck door is locked after use. Doug (N9EZf) was applauded for his work at the brat fry.



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Walleye weekend will be on June 14-15. We can park on grass at the KFIZ lot. We will use W9W call again this year.

Randy Grumewald KB9KEG and Jack Heil KG9IN reported on the Field Day preparations. The event will be held on June 27 and 28. Setup will start at 8:00 am Saturday with a group picture being taken at 12:30 pm. We will use the Yellow Banana, Larry Lamont's RV and possibly Brian Turkowitz's RV and Dawn Krause's KD9CAW trailer. It was suggested that we check with the city to use their command vehicles. Rick Robinson NI9Z will bring sliced ham (appropriate) and Jack KG9IN and Marge Heil will bring sloppy joes. Others should bring a dish to pass. Computers will be linked to consolidate scores. We need help after 1:00 pm Sunday for tear down. We will take a second group picture at that time. It was suggested that we invite local officials to visit.

Dave McCumber N9WQ had a discussion of old club materials, he has some old info, Dick Finn KC9ZVT said he had some material passed on from Randy Grumewald KB9KEG and will be organizing it as time permits. Anyone with old club historical stuff should pass it on to him..



Dave McCumber N9WQ also mentioned that Ray and Ted should be life members of the club as Ray started the club and should be listed in the club roster.

New Business

Rick Robinson wants names, phone numbers and emails of people in the code practice group so they can schedule longer code sessions.

Jack Heil KG9IN mentioned that there was a suggestion for the club to buy out the K9FDL repeater. The Repeater Association should decide if they want to have a buy out or donate the repeater to the club. Dave McCumber N9WQ suggested the repeater

should be left as is for now and have the repeater association decide its direction and report to the club.

Dick Finn KC9ZVW mentioned that some members wanted the club roster be updated to have more info such as email and phone number. Peter wanted to leave as it is for privacy reasons. As it is too much work to maintain a published roster containing only those who wish their information known, Dick KC9ZVW said he would continue as is.

Business from the Floor

Dick Finn asked that anyone who has a good name for the newsletter should contact him.

Adjournment

A motion to adjourn was made by Doug Schultz N8EZF and seconded by Tom Powell KC9VXR. The Motion carried via a voice vote and the meeting was adjourned at 8:58 pm..



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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.



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.

ELMERS

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

SEEKING HELP

Dawn Krause (KD9CAW)	ddkfam@yahoo.com
Paul M. Bleuel (KC9NAA)	920-921-6015

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NOTICES

ARES From Todd Beay

As is the case this time of year, we will be looking for volunteers for the Ripon Marathon on July 26.

I have been moved back to 1st shift, so I will be making plans to get back on track with our ARES evening meetings. I am looking forward to getting back to the club meetings as well.



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

Code Classes— From Rick Robinson

Code classes will now be held at Rick Robinson's house on Tuesday's (When he is not up north). Rick will e-mail all ham's in the class at least a week on advance. His address is 1054 Holly Tree Lane in Fond du Lac.

Also from Rick: I would like to thank Jack and Randy for all the work they put into Field Day. It was really fun.

Rick NI9Z



**WARNING:
DUE DATES
ARE CLOSER
THAN THEY
APPEAR**

Generally speaking, I will be publishing the newsletter each month on the Monday before our monthly meeting. I start assembling it during the preceding week. Obviously I would like to have the material as early as possible but the deadline will have to be on that Friday.

All material submitted should be sent to Dick Finn at rfinn5@hotmail.com,

Following are the pertinent dates I'll update this table and print it in each month's newsletter):

	Publish Date	Deadline Date
Aug., 2015	8/3/15	8/1/15
Sept., 2015	9/7/15	9/5/15
Oct., 2015	10/5/15	10/3/15



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CALENDAR

2015 FdL Ham Calendar



July 13, 2015

FDL ARC Monthly Meeting, 7:00 pm,
MPTC Room O-112
Bob Heil speaker
Membership Drive

July 26, 2015

RMC Triathlon

July 28, 2015

ARES Meeting Time: 10am MPTC Room O-104

Aug. 10, 2015

FDL ARC Monthly Meeting, 7:00 pm,
MPTC Room TBD

Aug 16, 2015

Race the Lake



Aug, 25, 2015

ARES Meeting Time: 10am MPTC
Room O-103

August 28 & 29, 2015

Brat Fry at the Country Corners Exxon
station in Lomira



Sept. 14, 2015

FDL ARC Monthly Meeting, 7:00 pm, MPTC Room TBD

Sept. 29, 2015

ARES Meeting Time: 10am Room O-102 Moraine Park

Oct. 10, 2015

License Exams, 9:00 am-Noon, Red
Cross Office,



Oct. 12, 2015

FDL ARC Monthly Meeting, 7:00 pm,
MPTC Room TBD

Oct. 27, 2015

ARES Meeting Time: 10am Room O-103 Moraine
Park

Nov. 9, 2015

FDL ARC Monthly Meeting, 7:00 pm, MPTC Room
TBD

Dec. 12, 2015

License Exams, 9:00 am-Noon, Red
Cross Office



Dec. 14, 2015

ARES Meeting Time: 10am
Room O-103 Moraine Park

Dec. 6, 2015

FdL Parage of Lights, 4:00,
Downtown



Dec. xx, 2015

Christmas Party, Time and Location TBD





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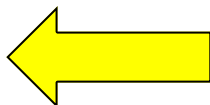
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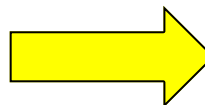
Name	Call
Barbara Simon	W9MER
Bowen Blend	KC9VXV
Brian Turkiewicz	KC9LFR
Buddy Larson	KC9UVJ
Chuck Mahnke	K9HXL
Cully Kowal	KS0D
Danny Vandekolk	KC9IGD
David Mc Cumber	N9WQ
David Zittlow	K9DUI
Dawn Krause	KD9CAW
Dean Choate	KC9TGM
Dennis Paulin	KB9OFM
Dick Finn	KC9ZVW
Don Chapman	KC9KZQ
Donna Blend	KC9TFN
Doug Murray	KC9ZVT
Doug Schultz	N9EZF
Doug Wagner	KC0RNS
Ed Beltz	N9PJQ
Ed Steinfeld	KB1ZJK
Edward Frac	AA9WW
Fernando Salazar	KC9ZVX
Gerry Radtke	WA9GON
Jack Heil	KG9IN
Jim Balthazor	KD9BTV
Jim Cole	N9WAP
Joe Lauber	KC9MDY
Joe Scheibinger	K9VY
Joyce Keyes	KC9KIJ
Kirk Everson	KC9FZE
Larry Lamont	KB9POP
Larry Mielke	KC9RUE
Lloyd Vandervort	N9RPU
Lori Winchel Beltz	KC9YQS
Louis Simon	KB9VQM
Marjean Buck	KC9LFI
Marjorie Heil	KC9BEN
Matt Nett	KD9BBN
Mike Keyes	KE7ES
Mike Miller	KC9DOA
Nancy Myers	K9ANA
Neal Buck	KC9LFN
Paul Bleuel	KC9NAA
Randy Grunewald	KB9KEG
Randy Nelson	KC9MYG
Ray Grenier	W9KHW
Rick Robinson	NI9Z
Ron Keller	KC9YVL
Stan Cram	AI0M
Ted Neuburg	W9LUQ
Ted Willett	W9NHE
Todd Beay	AC9EX
Tom Powell	KC9VXR
Tony Pass	KC9QYR
Walter Rueger	KC9WQ

FDL ARC ROOSTER

Name
Sort



Call
Sort



uName	Call
Barbara Simon	W9MER
Edward Frac	AA9WW
Todd Beay	AC9EX
Stan Cram	AI0M
Nancy Myers	K9ANA
David Zittlow	K9DUI
Chuck Mahnke	K9HXL
Joe Scheibinger	K9VY
Ed Steinfeld	KB1ZJK
Randy Grunewald	KB9KEG
Dennis Paulin	KB9OFM
Larry Lamont	KB9POP
Louis Simon	KB9VQM
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
Tony Pass	KC9QYR
Larry Mielke	KC9RUE
Donna Blend	KC9TFN
Dean Choate	KC9TGM
Buddy Larson	KC9UVJ
Tom Powell	KC9VXR
Bowen Blend	KC9VXV
Walter Rueger	KC9WQ
Lori Winchel Beltz	KC9YQS
Ron Keller	KC9YVL
Doug Murray	KC9ZVT
Dick Finn	KC9ZVW
Fernando Salazar	KC9ZVX
Matt Nett	KD9BBN
Jim Balthazor	KD9BTV
Dawn Krause	KD9CAW
Mike Keyes	KE7ES
Jack Heil	KG9IN
Cully Kowal	KS0D
Doug Schultz	N9EZF
Ed Beltz	N9PJQ
Lloyd Vandervort	N9RPU
Jim Cole	N9WAP
David Mc Cumber	N9WQ
Rick Robinson	NI9Z
Ray Grenier	W9KHW
Ted Neuburg	W9LUQ
Ted Willett	W9NHE
Gerry Radtke	WA9GON