



# THE FRANKFORD RADIO CLUB NEWSLETTER

*PROFICIENCY THROUGH COMPETITION*

## CALENDAR

### May 2009:

- 9-10 CQ-M DX Contest  
**12 FRC Main Meeting, 8 PM**  
**19 FRC West, 6:30 PM (see p. 2)**  
**21 T.I.T.S. Meeting, Noon**  
**26 Rexy Meeting B, 8 PM**  
30-31 CQ WW WPX Contest, CW

### June 2009:

- 9 Rexy Meeting B, 8 PM**  
**18 T.I.T.S. Meeting, Noon**  
20-21 All Asia DX Test, CW  
**23 Rexy Meeting B, 8 PM**  
27-28 ARRL Field Day

## CHANGES

### New Members

Phil Heck, **N3RRR**  
28216 Dukes Lumber Rd  
Laurel, DE 19956  
bgfsh9@aol.com

Roy Gould, **K1RY**  
11 Princess Anne Lane  
Selbyville, DE 19975  
k1ry@verizon.net

Eric Hudson, **WG3J**  
34608 Warren Rd  
Pittsville, MD 21850

Richard Cain, **K3JD**  
22351 Eskridge Rd  
Seaford, DE 19973  
indiafox73@hotmail.com

**Deadline for June issue:**  
Tuesday, May 26, 2009

## President's Column

At the April meeting at Rexy's we voted to retain the current slate of officers which means that I will continue to be your President for another year. I want to thank the other club officers for volunteering their time to continue serving the club - Bob, **K2UT** as VP, Moe, **N3ZA** as Secretary, and Bob, **KQ2M** as Treasurer.

There will be no formal business meeting in May. However, there will certainly be a group of club members gathering at Rexy's on Tuesday, May 14th. I plan to be there and I would encourage you to join us.

It's time to get the summer meeting schedule lined up, so if you are interested in hosting a club meeting, let me know so we can get the meeting calendar set up and allow our members to plan in advance to attend. Traditionally, the summer meeting attendance has been excellent and we would like to keep it that way.

Dave, **K3FT** has volunteered to ferry **FRC** Mugs to Dayton for those of you have not yet claimed your rewards for participation in the 2007 CQ and 2008 ARRL Contests. He will also have Participation Certificates.

This month you will find a return envelope for making your voluntary contribution to help keep **FRC** solvent. As you know, the club has no annual dues per se. Instead we rely on the generosity of our members to contribute what they feel they can. Please write your checks and return your envelopes quickly.

*73, John W8FJ*

## 2009 FRC Fund Drive

The 2009 **FRC** Annual Fund Drive is now officially underway. This issue should contain a stamped envelope for your contribution. Here are a few reminders when getting ready to make your annual contribution to help keep our club running

- 1) **PLEASE make ALL checks payable to FRANKFORD RADIO CLUB, and NOT KQ2M.**
- 2) **PLEASE write your return address and callsign on the envelope.**
- 3) **PLEASE write your callsign/callsigns on the check.**
- 4) **PLEASE seal the envelope.**

If for some reason you don't get an envelope, or you misplace it, you can send your contribution to:

Robert L. Shohet, **KQ2M**, 51 Scudder Road, Newtown, CT 06470

## MEETINGS

### Main Meeting

The next meeting will be on Tuesday, May 12 at (7 PM for dinner/socializing, 8 PM for the meeting) at Rexy's. The address is **700 Black Horse Pike Mt Ephraim, NJ 08059**. Coming from Pennsylvania, take the Route 168 South exit off the Walt Whitman Bridge. After you reach Route 168 South, Rexy's is about 3/4 mile on the right - less than 2 minutes off the bridge.



**T.I.T.S. meeting**—The Trexlertown International Transmitting Society meets on Thursday, May 21 at 12:00 noon. Location is the Hometown Diner on Route 222 in Trexlertown..

**Rexy Meeting B**—The Rexy's **FRC Meeting B** will meet about 8 PM on Tuesday, May 26.

### FRC West Meeting in New Location!

The **FRC-West** meeting in the Harrisburg, PA area will be on Tuesday, May 19 at 6:30 p.m. Location is the Old Country Buffet, 5083 Jonestown Rd (Rte 22) Harrisburg, PA 17112. (Next to Gander Mtn. on the right, as you head east from Sears). We have the banquet room reserved for us.

Prospective members or interested hams are welcome to attend.... This is the first meeting ever held in the Harrisburg area!!..



### FRC Contest Operating Achievements

Our club takes pride in the operating accomplishments of its members and we would like to publicly recognize current special contest achievements. Please email us with anything you feel is particularly noteworthy (for yourself or anyone else in the club), for possible inclusion in the operating achievements "box".

#### 2008 CQWW DX Test, RTTY

Barry, **W3FV**, —1st place, 3rd call area, SOA.

#### 2009 CQ WPX SSB

Bob, **KQ2M**—Claimed SB20 Unassisted US record.

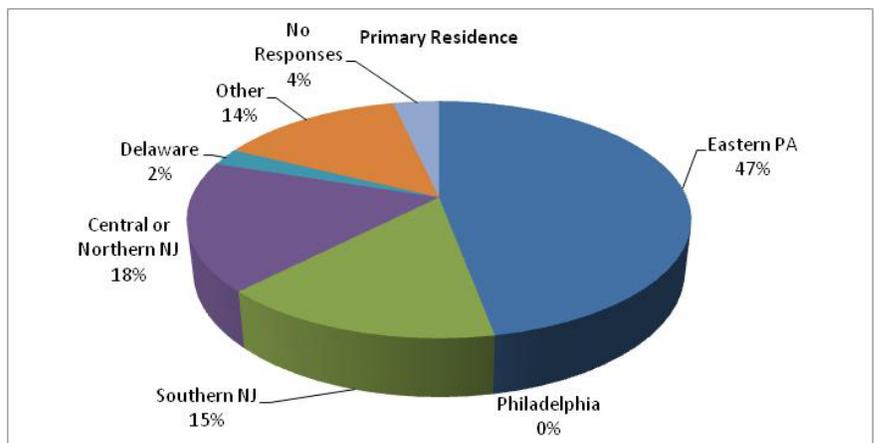
## Results of the 2009 FRC Membership Survey

In late February and early March a FRC Membership Survey was conducted to poll the membership on various questions that have been under discussion at meetings. The survey was designed and sponsored by Irwin Darack, KD3TTB with assistance from Andy Vavra, KD3RF and with the consent of FRC leadership.

85 FRC members responded to the survey. Not all of those who responded answered every question. Hence, this is a non-scientific study. The results are reported below and are provided simply as data points for conversation purposes. They definitely should not be interpreted as a vote by club members. All survey data collected was anonymous and all individual data will be kept confidential.

### Question: What is your primary residence?

82 members out of a total of 85 who responded answered this question. Of those who responded, more than half were in Eastern Pennsylvania or Southern New Jersey, with the remainder in Central / Northern New Jersey, New York, and Central Pennsylvania.

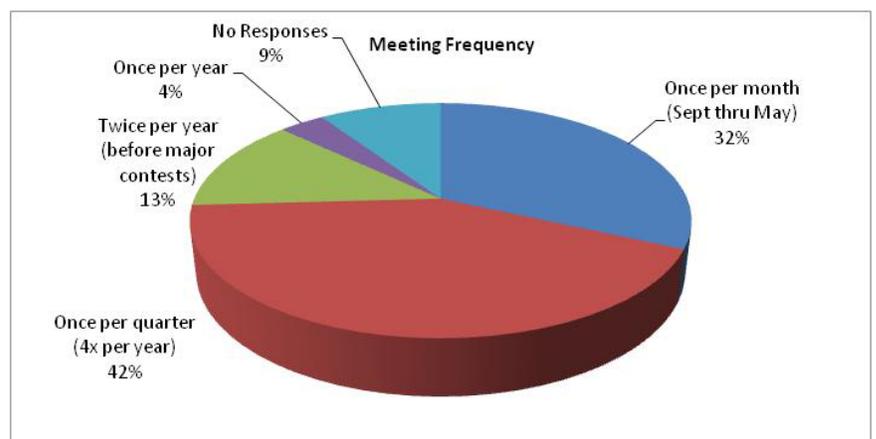


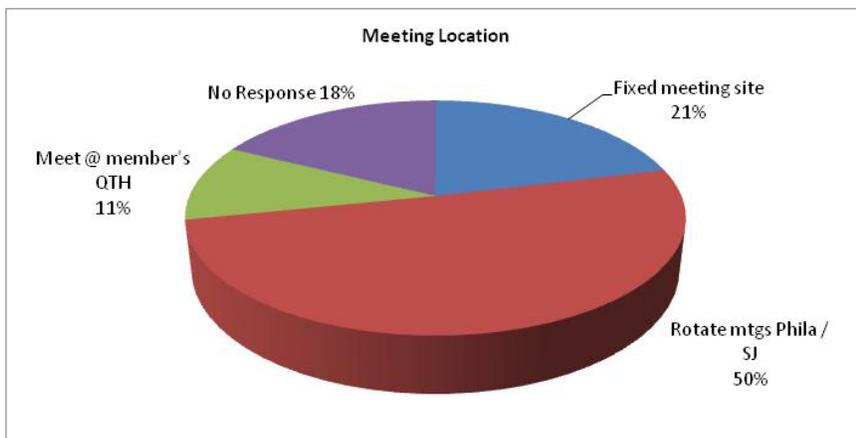
Other responses included a variety of states and one international location.

### Questions: How often should FRC hold general membership meetings and Location?

77 members answered this question. Of those who responded, 42% indicated a preference for quarterly meetings and 32% indicated a preference for monthly meetings during contest season.

**Note that FRC will still hold the summer picnic meetings and there is a social meeting at Dayton every year.**





A similar ratio of members are in favor of rotating meetings between Pennsylvania and Southern New Jersey, although verbatim remarks by respondents also indicate an interest in satellite meetings once a year in New York, Northern/Central New Jersey and Harrisburg, Pennsylvania.

*“We're a club with a big geographical range yet it feels almost like a local Philly club. I'm in the middle ground between FRC and YCCC territory in Northern NJ/NYC. While it still within FRC's boundaries it seems as if this part of the world is the red-headed stepchild of the club. Would one major meeting/event up here really be too much to ask?”*

**Question: To help us plan our meeting presentations, please rank the following meeting topics that interested you.**

Members were asked to ranking meeting topics on a 1 to 10 scale, with 1 being most important and 10 being least important. The results of this question can be found in the adjacent table.

The most preferred topic was “Contesting on Digital Modes”, followed by “Solar Propagation” and “Skimmer and CW Tools”.

The least preferred topic was “Antenna Design”, followed by a “Panel Discussion on successful SSB and CW Contesting”

These results do not surprise us given the increase activity on digital mode, primarily PSK31 and RTTY and current state of low solar activity.

General comments included making time for social activities, the importance that club meetings have a presentation, and recognition for smaller “little pistols” stations.

Ranking of Meeting Topics
1. Contesting on Digital Modes
2. Solar Propagation
3. Skimmer and CW Tools
4. General question and answer
5. New Radios
6. Dx'peditions by club members or others
7. Contesting Software
8. Setting up contest and SO2R stations
9. Panel Discussion on successful SSB and CW contesting
10. Antenna design

**Question: Should the club hold an auction or other fund raising activity?**

Both the survey results and verbatim responses leaned away from fundraising activities due mainly to the specialized nature of FRC as a contesting club.

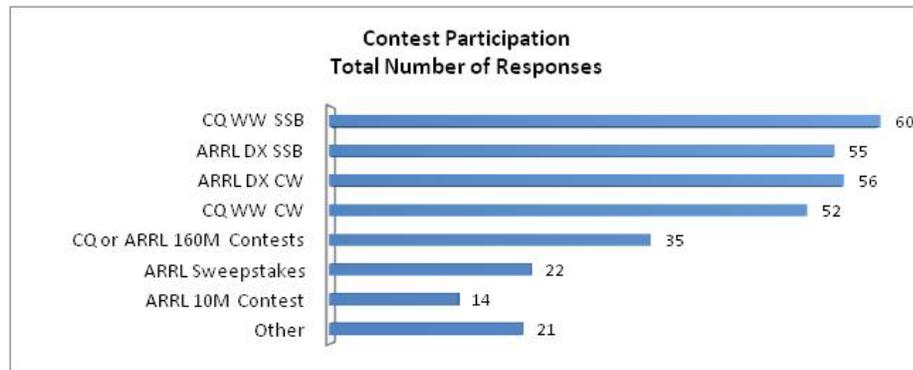
Members responding in favor of fund raising suggested club auctions (club taking 10%) or 50/50 raffles as “fun” activities and ways to recycle equipment back into the club.

**Question: Would you be interested in giving a presentation to the club?**

More than 50% of responders indicated that they were not interested in giving a presentation. On the other hand, 20% were interested and suggested a number of speaking topics that would be of interest to the membership. Those members who responded “Yes” should get in touch with club leadership.

**Questions: In the past year, which contests did you participate in and what is your primary mode of operation (CW/SSB)?**

These questions allowed responders to select all of the major contests they participate, add additional contests and indicate their preferred mode of operation.



The “big 4” contests for FRC are CQWW SSB, CQWW CW, ARRL DX CW and ARRL DX SSB which together account for slightly more than 75% of FRC contest operations.

Other contests included the WPX and RTTY contests. Local QSO parties were also included among the list.

When taking into account those that had no preference, SSB and CW operations are equally divided: 43% being primarily CW, 27% being primarily SSB operators and 30% had no preference.

**Question: Do you consider your station contest ready?**

More than two thirds of members responding indicated that their stations were “contest ready. Verbatim remarks generally indicated that there is a need in the club for members who can help with antennas and computer set-ups. Additional comments received indicated that some members have limitations at their QTHs that preclude setting up effective antenna arrays or that they are limited to simple / low wires.

**Question: Do you have an interest in Elmering or mentoring other members / new members?**

30% of members responding to this question indicated that they would have an interest in Elmering, and verbatim comments received also indicate that some members have a need for assistance where an Elmer would be helpful getting computer operations established or getting antenna work done (especially tower climbers).

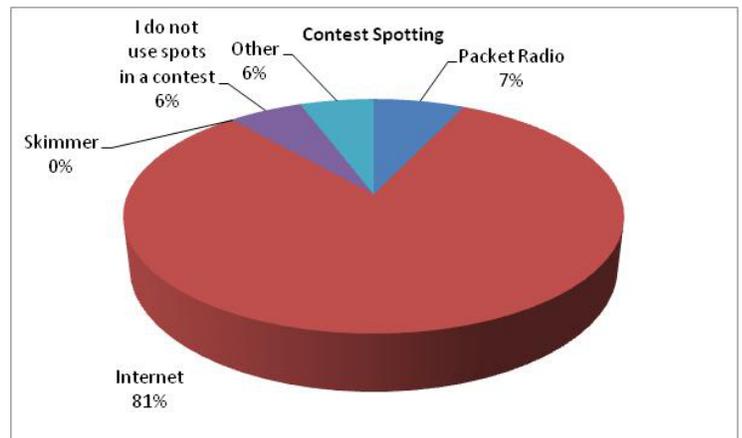
**Questions: Do you have an interest in multi-oping at other contest stations? Do you have an interest in hosting a multi-op at your QTH?**

47% of members (40 members) responding had an interest in multi-oping at another member’s station, and 13% had an interest (11 members) in hosting a multi-op at their station. This is an excellent opportunity to give operators with smaller stations and less than ideal QTH locations a chance to participate in contest activities. FRC should make effort to do “match making” to bring these groups together.

**Question: Which spotting do you use?**

Responses were overwhelmingly slanted toward the internet as the preferred spotting network, with 67% of members responding.

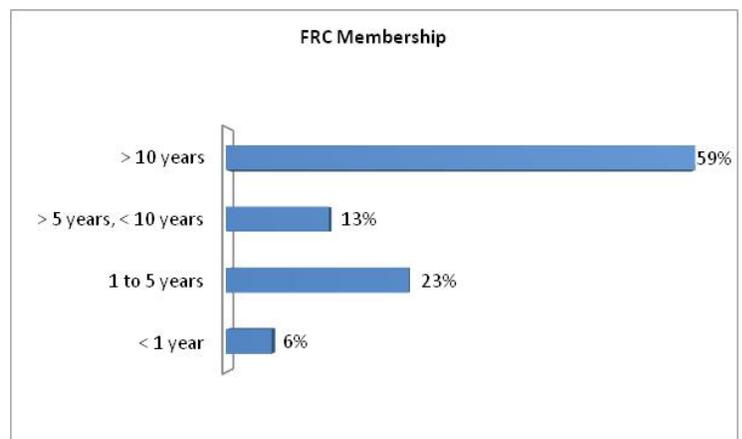
Packet has declined in use as a spotting tool as the internet has become more prevalent. Primarily, packet is being used by stations that do not have internet connectivity.



It is not surprising that Skimmer received no responses since Skimmer is used through the internet. The question regarding Skimmer should have been separated to determine how many members are now using it in CW contests.

**Question: How long have you been an FRC Member?**

It is obvious from this question that much of FRC’s membership is long-term with over 59% of responders having been FRC members for > 10 years. On the other end of the spectrum, only 6% indicated that they have been members for less than 1 year. This brings up the question as to what FRC could be doing to identify and recruit new members? Should FRC put together a Public Relations committee that visits other local general membership Ham Radio clubs to give talks about contesting and FRC?



**Question: Should the club membership have a minimum requirement for contest participation on an annual basis?**

61% of the responders felt that FRC should not have a minimum participation requirement, while 39% felt that the club should have a minimum requirement.

Both this question and the next question brought out a significant number of verbatims..... *"FRC membership is for life"* and *"a minimum requirement of operating atleast one or two major contest in a year"*. It was also noted that work and family commitments along with health sometimes have a major affect upon ones ability to operate. One responder proposed having a membership category such as *"asssociate membership"*.

Additional verbatims included:

*"When someone fails to meet minimum participation (2 contests/yr.), move that member to inactive status."*

*"I'd lower it from the 4 biggies to 2 of the 4, and not penalize members whose Home Life requires them to not participate for a season"*

*"At least 1 contests per year, unless illness or other work commitments that cannot be avoided."*

*"Encouragement rather than hard rules; if one can only do one contest a year - points is points. When I signed on with FRC, I promised to do the big 4 contests. That should still be the goal."*

*"While it would be nice to get additional participation, booting folks who don't make the "minimum" only serves to ensure they will NEVER participate with FRC."*

*"I'd also propose a category like "associate member" or similar for those who support the club and donate points to it but who can't fulfill full membership requirements of x-number of contests a year. While I love contesting and hamming, Real Life DOES have to come first."*

**Question: Should there be a probationary period during which regular contest participation would be required prior to being granted full FRC membership status?**

Only 32% of the members responded in favor of having a probationary period. This question also brought out a lot of verbatim comments on both sides of the issue. A sampling is listed below:

*"I agree to the probationary period because it helps encourage a pattern of regular contest activity"*

*"New members should be required to make a min. of 2 contests annually for the first 5 years of their membership. If they don't they should be considered for movement to inactive status and not provided with full membership privileges. The decision would be made by the policy committee where extenuating circumstances would be weighed."*

*"Encourage members to participate in as many contests as possible, but come to grips with the reality that there are other things in life to do.... "whatsa matter, don't you want to make points for the club" doesn't cut it anymore. Also, recruit more members to fill in the gaps."*

*"Recruitment of new members is very important, but they have to be made to feel welcome, not berated because they are not CW operators, don't have amplifiers, and can't spend 48 hours "in the chair." That's the best way to lose membership....Remember - the FRC motto is "Proficiency Through Competition."*

**Question: The survey allowed for additional comments.**

Some of the verbatim comments have been reassigned to the appropriate survey question they were addressing. Below is a summary of the additional comments received.

*"We need to do more to include out lying members. I can think of two members that quit because they were too far from the club and did not feel a part of it. Not everyone lives near Philadelphia."*

*"Promote club participation in ARRL 10, ARRL 160, WPX, ARRL SS, etc..... Change constitution to create a Board of Directors...Incorporate club as 403c so its non-profit and donations are tax deductible...Appoint a REAL Activities Mgr."*

*"We could hold a weekly or bi-weekly "meeting" on the FRC repeater for general technical or operating discussions. The repeater seems to get VERY little use these days!"*

*"Bring back the long gone FRC QSO party....How about an Old-timers nite?"*

*"I would like to know how I get an FRC ID. I have been in the club since August of 2008 and I do not have an ID."*

*"I have been a member of FRC for over 5 years and still do not know who is responsible for badges. I joined another Ham Radio General Membership club and received a badge within one month at no cost....it was part of my dues"*

*"I think it would be helpful for members to congratulate other members on a regular basis for their accomplishments no matter how big or how small they may be. Everyone likes recognition. I know we have awards and plaques, which are good, but just a note of congrats....."*

*"The FRC Website is stagnant and seems to no have much new stuff and some of the things on it don't work (Live Cluster or Chat) or seem to be updated rarely"*

*"Make membership easy. Minimize regulations. Enable regional fellowship. Make contests the focus, not meetings. Use internet, chat room, and online conferences to provide E-Programs.... It would be possible for example, for 6 guys in NNJ to meet at one guys house for pizza and a webinar on contest strategy. No 2 hour drive required."*

*"How about a multi-op station set up for low key operation, training? "*

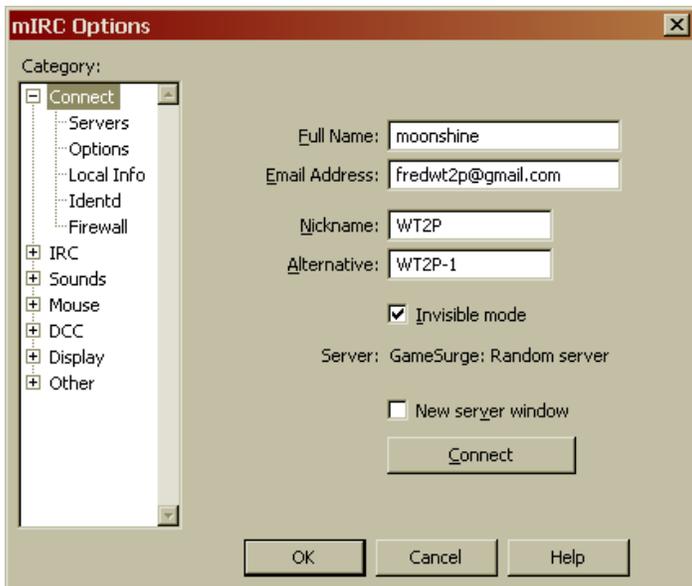
## Setup Instructions for #FRC on radiochat.org DalNet

Cedrick Johnson, WT2P – fredwt2p@gmail.com

Since the old servers went bust, Radiochat has moved chat services to irc.dal.net. Radiochat is owned by N6RT, and now that Worldirc is back up, he redirected everything back to Worldirc. Dalnet is much more stable and has far more servers (> 10)

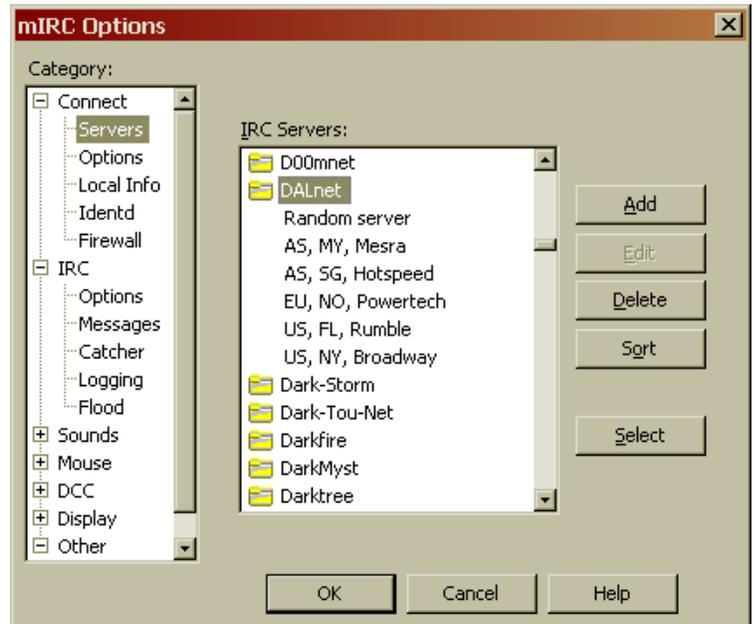
You can still access the "new" server by using irc.dal.net

When starting up MIRC, this window will appear. Change the values in the field to your particulars

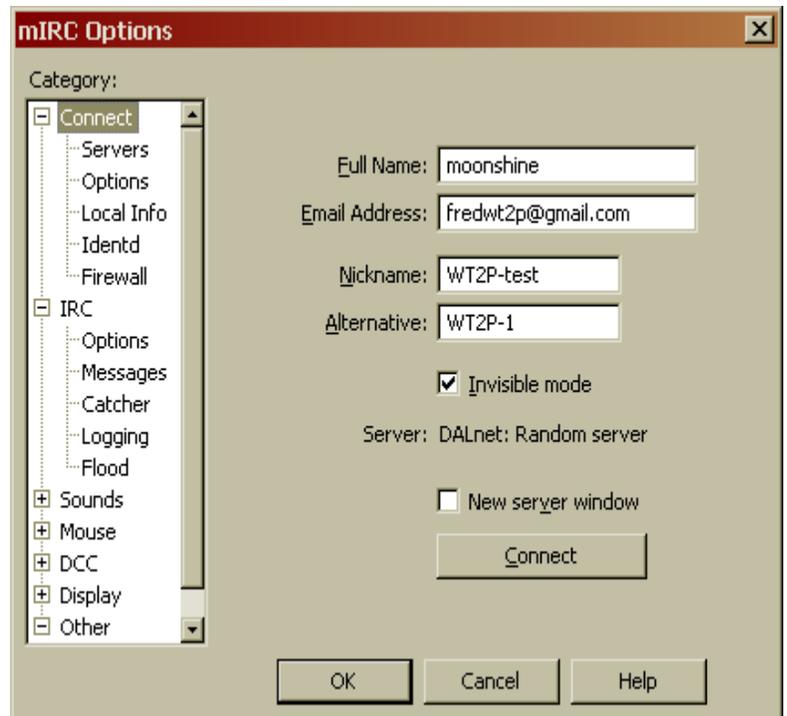


<Continued at right>

Next, click on **Servers**. The Screen should look like this. Find the DALNet section:



Double click on the 'Random server' entry (highlighted) and you will be brought back to this screen:



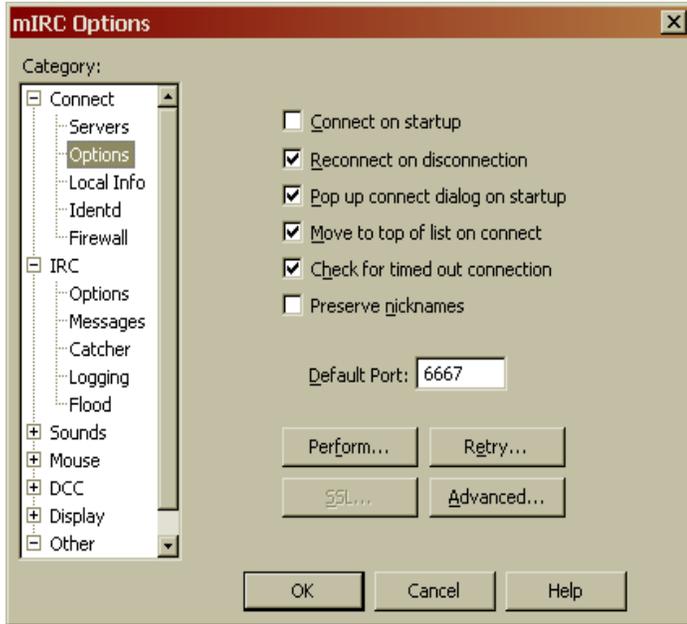
Press **Connect**

You will be connected. Type /join #FRC and enjoy.

**IF YOU ALREADY REGISTERED YOUR NICK:**

**We need to use your settings:** Go to **Tools > Options** (shortcut, type ALT-O)

Go to the following menu:

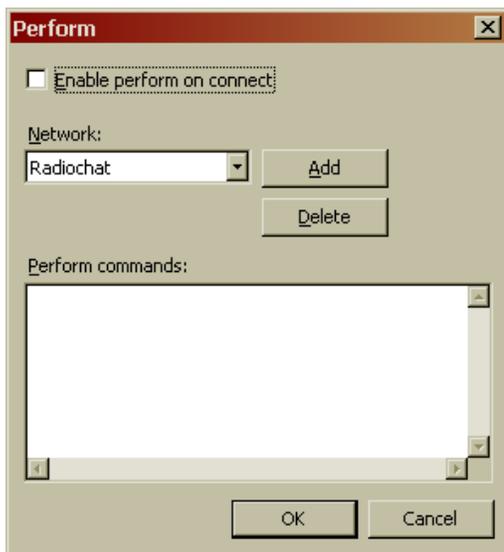


Press the **Perform** button.

Select the Radiochat network.

Highlight ALL and CUT (Ctrl-X) your information from the Perform Commands window for radiochat.

Uncheck 'Enable Perform On Connect'



Press the Add button.

In the list, select DALNet and press OK

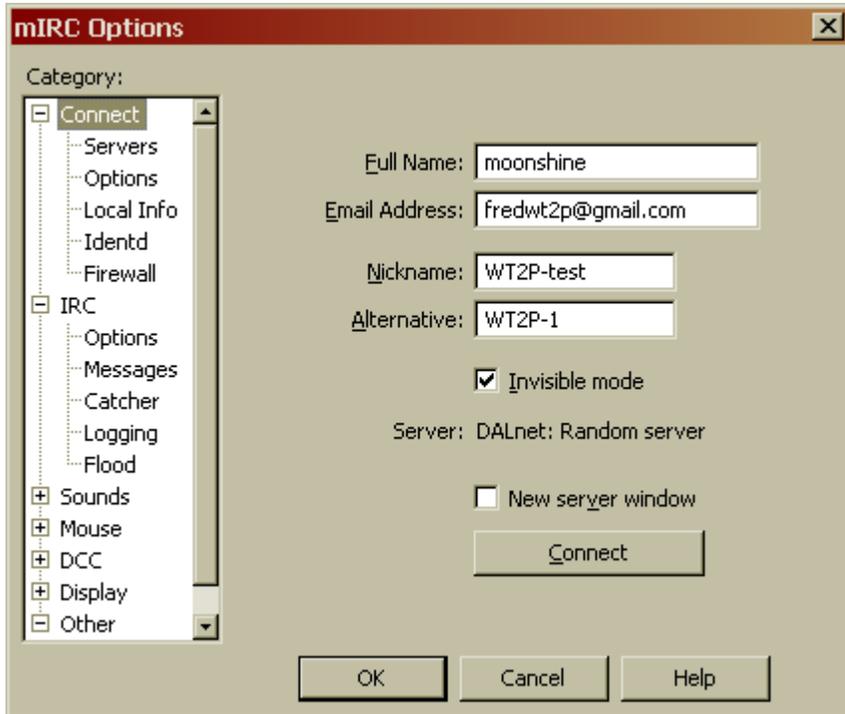


Select the text area (whitespace) in Perform Commands and press CTRL-V to paste the information we cut from above into the box.



Press OK.

Go back to the Connect category



Press Connect. You should be on dalnet with the rest of us. We're smiling.



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73 Tim Brown NM3E 610-207-4865



**Antenna Season is Here!!!**

**Work Wanted:**

Experienced tower climber immediately available to perform antenna and tower maintenance.

Install/repair/remove antennas, replace feedlines and cabling, rotator servicing, guy wire renewal, new tower installations (guyed and self-supporting), and tower removal.

Reasonable hourly rates and scheduling that meets your needs.

Contact: John Crovelli W2GD  
w2gd@hotmail.com      **Phone: 908 391 5611 (Mobile)**

### Reprinted with permission from the April 15, 2009 ARRL Contest Update

As Dayton looms ever larger, keep the Contest Super Suites firmly in your sights, beginning on Wednesday night! Feed your inner Pizzamaniac as you celebrate the 50th anniversary of the CQWW Multi-Multi category. (Thanks, Tim K3LR)

With RTTY contesting the fastest-growing aspect of radiosport, there are bound to be a lot of new RTTY contesters. With that in mind, Dayton RTTY Forum moderator Shelby K4WW announces, "The Dayton RTTY forum will have a panel discussion on how best to accommodate the diversity of participants in RTTY contests. The vast majority of participants are not super-serious competitors and may only be on for a few contacts to work a new state/province/country or to try out their station or simply to enjoy some RTTY contacts which are more scarce outside of contest periods. Each panelist will give a short statement of their perspective on participant diversity in RTTY contests and then be available to address questions and comments from the audience. Panelists will include K5DU, K4GMH, W2QO, and K4IA."

The Super Check Partial files have moved to a new Web site - [www.supercheckpartial.com](http://www.supercheckpartial.com). There are now 46,695 different calls in the master file. The masterdx.dta file no longer includes any VE calls. (They are in the master file, of course, just not in the DX file.) File manager, Randy K5ZD, says, "I am moving the SCP files off of my personal Web site and on to their own. This will enable a consistent Web address for the files going forward. It may also enable some options for how to upload files in the future."

Speaking of 40 meters, while "hope springs eternal" as all baseball fans know, our euphoria stemming from the emigration of Region I shortwave broadcasters away from 7100-7200 kHz must be somewhat tempered by the situation farther west (or east, depending on your point of view). The band has cleared up considerably east of the Mississippi, but ITU Region III broadcasters apparently aren't going anywhere, according to reports from around the Pacific Rim and deep into the 5<sup>th</sup> and 10<sup>th</sup> US call areas. Carriers are still pounding in every 5 kHz from 7100 to 7200. Illegal they may be, but so is the over-the-horizon radar emanating from Zone 24. As Shel Silverstein once wrote, "This just might take some time..." (Thanks, Brett VR2BG and others)

As you become more proficient in using a keyboard and your logging program, performance improvements become more subtle. Here's a way to remove an impediment to progress - program your function keys with the same messages for every contest (except for the exchange elements, of course). By making those functions consistent, they become "automatic", freeing you to think about and do other things.

An important part of creating an operating plan is planning for propagation. If you need a general set of propagation charts in a hurry or you're away from the computer with the propagation software, try the online monthly propagation charts from the ARRL. For fun and review, charts are available back to 2006. (Thanks, Larry N6NC)

Rus K2UA and Mark K6UFO relay the stunning news from Space Weather News for April 2, 2009 that "NASA announced that the sun has plunged into the deepest solar minimum in nearly a century. Sunspots have all but vanished and consequently the sun has become very quiet." Really? I hadn't noticed! Seriously, they do go on to say that in similarly deep minima, the next cycle has bounced back to a robust peak. (For instance, the fabled Cycle 19, perhaps.)

<http://www.lz1jz.com>



### **ARRL Comments on FCC's Proposed Establishment of Rural Broadband Plan**

In March 2009, the FCC invited comments via a Public Notice concerning the establishment of a comprehensive rural broadband strategy as part of the Department of Agriculture's Food, Conservation and Energy Act of 2008, commonly known as the 2008 Farm Bill. Per the American Recovery and Reinvestment Act of 2009 (Recovery Act), Congress required the FCC to develop a "comprehensive national broadband plan." According to the FCC, they, Congress, and the Secretary of Agriculture "have repeatedly recognized the importance of ensuring access to advanced telecommunications and information services to all Americans, with a special focus on rural and hard-to-serve areas." The opportunity to comment on the Public Notice provided the ARRL to express concerns about broadband over power lines (BPL) that the FCC has yet to satisfactorily address.

In the comments submitted by ARRL General Counsel Chris Imlay, W3KD, the ARRL reaffirms its support of broadband opportunities in rural areas. "ARRL is in agreement that broadband is critical to the health of agricultural and other businesses, and to the educational interests of Americans who live in rural areas," Imlay stated. Imlay commended the FCC in looking for broadband solutions on both the short and long term, as well as identifying how Federal programs "might overcome obstacles that currently impede rural broadband development."

Imlay pointed out that while the FCC and various power utilities have touted BPL as a promising means of providing rural broadband service, the ARRL contends that there are "prohibitive limitations (notable among these being the large number, and the cost, of repeaters and couplers required on overhead, medium voltage power lines for what amounts to a limited number of subscribers' homes in rural areas)."

The ARRL maintains that before BPL could ever be considered as a long-term source of broadband in rural America, the FCC must adopt rules that provide against BPL interference to the licensed radio services. Imlay said that studies have pointed out that BPL systems cause interference to licensed radio services in "certain configurations," such as international broadcasting, aeronautical, maritime, disaster relief, military and the Amateur Radio Service." Of particular concern in rural areas is that low-band VHF radio systems are still common among state police, volunteer fire departments and other 'First Responder' public safety agencies," Imlay told the Commission, "BPL systems using this frequency range can and would, without additional rules, likely block communications between dispatch centers and emergency response vehicles."

Imlay said that Amateur Radio is a "continuous, intensive user of the high-frequency bands in residential areas," and as such, "is arguably the most pervasively affected" by the FCC's plan to widely deploy BPL in rural areas. "Amateur mobile operation is a particularly notable victim of BPL interference, since medium-voltage power lines run parallel to roadways. The Commission's BPL rules "include no effective protection."

Imlay reminded the Commission that the ARRL, as well as broadcast industry representatives, challenged the adequacy of the FCC's BPL interference rules: "On appeal to the United States Court of Appeals for the District of Columbia, the Court remanded the ET Docket 04-37 proceeding to the Commission with some very specific instructions, including reconsideration of assumptions relating to interference mitigation and disclosure of studies that had previously only been released in redacted form." Imlay pointed out that almost a year after the Court's decision, the Commission has done "literally nothing" to comply with the mandated instructions.

In the six years that the BPL rules have been on the Commission's docket, Imlay said that there has been "continuous and extensive debate about the interference potential of BPL." This, he told the FCC, has created "some uncertainty" amongst the various utilities and municipalities that have been eyeing BPL as a broadband delivery mechanism, with the Commission's inaction since the Court's decision, contributing to the uncertainty and "creating a dampening effect on the marketplace's interest in BPL." Before the FCC can implement a BPL policy for rural America, Imlay said that this "regulatory uncertainty" would need to be resolved.

(Continued on the next page)

### **ARRL Comments on FCC's Proposed Establishment of Rural Broadband Plan (continued)**

The cost of implementing interference resolution must be considered by any rural broadband provider, Imlay said. While there is nothing in the FCC rules concerning this, Imlay reminded the Commission that the ARRL, "some eight months ago, offered a plan to the Commission's Office of Engineering and Technology in this regard. The revised regulation suggested by ARRL would be sufficient to reduce the potential interference from BPL to the point that it would be practical to address such instances on a case-by-case basis. Compliance is achievable with present BPL technology without significant limitation on BPL deployment, rural or otherwise. However, the absence of such rules is an obstacle to any consideration of BPL as a rural broadband mechanism and makes an evaluation of interference mitigation difficult or impossible." The deployment of a BPL system with a high potential for interference would require expensive mitigation afterwards, whereas if the potential is reduced to an acceptable level at the time of deployment, the need for mitigation -- and therefore the cost -- will be greatly reduced.

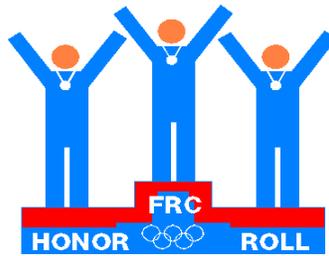
Imlay told the FCC that more than four years ago, the Department of Agriculture's Rural Utilities Service (RUS) recognized "the need and willingness to utilize agency resources to remove interference concerns as an obstacle to rural broadband rollout (at least via BPL)." In January 2005 letter from then-RUS Administrator Hilda Gay Legg to ARRL Chief Executive Officer David Sumner, K1ZZ, regarding the RUS's Community Connect Grant Program, the RUS acknowledged that the cost of interference mitigation from BPL systems was a "significant" issue, and told the ARRL that "whenever a loan or grant application proposes broadband service delivery via BPL, the RUS will 'consider the cost of interference mitigation in [its] financial analysis.'" On March 20, current FCC Commissioner Jonathan Adelstein was nominated by President Barack Obama to become the next Administrator of the RUS.

Imlay told the Commission that "[i]f the means by which a grantee would comply with the Commission requirements for interference avoidance are not clear (which as of now they are not), it is unlikely that any applicant for a grant for broadband service using BPL could address the RUS's concern about interference." Therefore, Imlay said that it is necessary for the FCC to address the BPL interference issues on remand from the Court of Appeals "in order to remove this additional obstacle to an assessment of rural broadband opportunities via BPL."

The ARRL is "constrained" to note that the FCC has, over the past six years, "acted not as a dispassionate technical agency in the evaluation of certain broadband mechanisms, including BPL," Imlay noted, "instead acting as a self described 'cheerleader' for certain technologies, also including BPL." By these actions, Imlay said that the Commission "has ignored technical evidence that is contrary to its predisposition," and urged the FCC that "those same mistakes" not be repeated here.

Imlay reminded the Commission that President Barack Obama, on his inauguration day earlier this year, placed a series of goals on the White House Web site. "Among these," Imlay said, "was the following, obviously laudable goal: 'Restore Scientific Integrity to the White House: Restore the basic principle that government decisions should be based on the best-available, scientifically valid evidence and not on ideological predispositions.' The Commission has the opportunity to implement this goal in this Docket proceeding."

Saying that rural broadband opportunities should be "evaluated in terms of the scientific realities of the technologies on the table, and not on the basis of what the Commission wants to believe about them," the ARRL asked the FCC to fulfill "without further delay the obligations placed upon it by the United States Court of Appeals in ET Docket 04-37, and adopt such revised and additional rules for BPL so as to eliminate the extant interference potential of the technology." With the regulatory uncertainty and unresolved interference issues that continue to surround BPL, the resolution of ET Docket 04-37 is a "prerequisite for the development" of a plan for a complete evaluation of rural broadband opportunities and the development of a rural broadband plan.



**MAY**

*conducted by N2SS*

**2009**

**WARC BANDS**

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
<b>K2FL .. 337</b>	<b>K2FL...340</b>	<b>N2TK ..331</b>
N2TK .....335	N2TK ..... 339	K2FL.....327
N2LT .....327	N2LT ..... 337	N2LT.....322
W3BGN ....324	W3BGN ... 333	W3BGN...317
W2YC .....314	N2SS ..... 326	WØMHK ..313
W8FJ .....302	WØMHK.. 325	N2SS.....303
N2SS .....299	W2UP..... 322	W2YC.....282
W2UP .....296	W2YC ..... 319	K2PS.....270
K2PS .....292	K2PS ..... 312	W2UP .....268
WØMHK ..290	N2MM..... 300	W8FJ.....235
N3RD .....284	W8FJ ..... 300	KQ3F.....219
N2MM .....260	W2IRT..... 270	N1RK.....218
W2IRT .....244	KQ3F..... 269	K3II.....203
K3II.....234	N1RK..... 266	W2LE .....202
W2LE.....223	W2LE..... 261	N2MM .....194
KQ3F .....215	K3II..... 256	W2YR.....187
K2QPN .....183	K2AX ..... 236	W2IRT .....137
N2VW .....182	W2YR ..... 213	W2IRT .....105
AB2E .....156	K2QPN..... 135	AB2E .....92
N1RK .....144	N2VW ..... 133	K2AX .....86
W2YR .....144	AB2E..... 127	N2VW.....43
K3ND .....91	K3ND..... 127	N2WKS .....37
K2AX .....81	K3GYS..... 85	K3GYS .....30
N2WKS .....51	N2WKS ..... 71	K2QPN .....22
W2CG .....38	K2GN ..... 34	W2CG .....2
K2GN .....36	W2CG ..... 17	K2GN .....1
K3GYS .....17		

Still no **KING OF WARC**



**Islands On The Air**

<b>K2FL ..... 1029</b>	K2AX ..... 298
N2SS ..... 859	N2VW ..... 282
W2YC ..... 694	W2YR ..... 271
W8FJ ..... 623	W2IRT ..... 232
N1RK ..... 557	K3GYS ..... 232
WØMHK ..... 432	K2QPN ..... 211
WA3RHW ... 313	AB2E..... 205



**MOBILE DX**

<b>AA1K ..... 278</b>	K3GYS ..... 143
W2YC ..... 276	W2YR ..... 28
N2SS ..... 234	

Jon continues as our B ig W heel.

**160 Meters**

<b>W3BGN .....306</b>	K3ND..... 137
AA1K .....302	W2IRT ..... 122
WT3Q .....277	N2VW ..... 121
N2LT .....268	K2PS ..... 116
N2TK .....262	W2CG ..... 116
NO2R.....258	K2AX ..... 106
K3SX .....254	AB2E ..... 100
W8FJ .....236	K2GN..... 99
K3JIG .....230	W2YR ..... 92
W2UP .....222	KQ3F ..... 87
W2YC .....217	N2SS ..... 81
N2MM .....195	W2LE..... 71
K3SWZ.....180	K3NL ..... 70
WØMHK .....161	N1RK ..... 65
K3II .....160	N2WKS ..... 30
N3RS .....156	K2QPN ..... 28
K2FL .....154	K3GYS ..... 12

W3BGN, our ultimate 160 Meter DXer, continues at the **Top of Top Band!**



**DIGITAL**

<b>W2UP.....342</b>	W2YR..... 132
N2LT .....339	K2QPN ..... 124
K3SWZ.....327	W2CG ..... 91
W3KB.....315	N2SS ..... 67
K2PS.....303	N2WKS ..... 55
W2YC.....300	K2GN..... 50
W2IRT .....206	W3BGN ..... 44
KQ3F .....199	N1RK ..... 39
N2TK .....184	K3GYS ..... 15
W2LE .....171	W8FJ..... 12

**Rules for FRC Honor Roll Listings.**

DXCC Challenge is CONFIRMED total ACTIVE (no deleted) on 160-6 excl 60 Meters per ARRL rules. For all others provide me with your total IOTA's worked, or countries (including deleted) worked for: WARC Bands, 160 Meters, Digital modes, Mobile, 6 Meters or your total for 80,40,20, 15 and 10 for 1.5K Club.



**1.5K Club**

<b>K2FL..... 1726</b>	<b>W2CG .....1504</b>
<b>W3BGN ..... 1712</b>	<b>WØMHK...1503</b>
<b>N2TK ..... 1704</b>	KQ3F ..... 1498
<b>N2LT ..... 1703</b>	K3II ..... 1449
<b>W2UP ..... 1685</b>	N2VW ..... 1334
<b>N3RS ..... 1638</b>	N1RK..... 1312
<b>W8FJ ..... 1619</b>	W2LE ..... 1225
<b>W2YC ..... 1611</b>	AB2E ..... 1185
<b>N3RD ..... 1578</b>	W2YR..... 1170
<b>N2MM ..... 1559</b>	W2IRT ..... 1163
<b>NO2R..... 1556</b>	K2AX ..... 1101
<b>N2SS ..... 1545</b>	K2GN ..... 1064
<b>K2PS ..... 1555</b>	N2WKS ..... 817
<b>K3ND ..... 1508</b>	K2QPN ..... 773



**ARRL DXCC Challenge**

<b>N2LT..... 2984</b>	W2LE ..... 1864
N2TK ..... 2926	W2YR..... 1747
W2YC ..... 2776	N2VW ..... 1664
WØMHK... 2629	K2AX ..... 1631
K2PS ..... 2394	W2CG ..... 1187
KQ3F ..... 2196	AB2E..... 1104
N2SS ..... 1952	N2WKS ..... 1007
N1RK ..... 1941	K2GN ..... 901
W2IRT ..... 1870	W3KB..... 901
.....	K2QPN ..... 767

Low continues in the lead.



**6 METER DXCC**

<b>N2LT..... 110</b>	W2YC.....48
K2PS ..... 109	W2LE .....46
WØMHK..... 108	N2TK.....31
AA1K ..... 100	K2AX .....21
K300 ..... 93	N2MM .....21
K3SX ..... 75	K2GN ..... 12
N1RK ..... 57	K3GYS ..... 10
N2SS ..... 55	K2QPN .....9
W2YR ..... 50	W3BGN .....9
WT3Q..... 50	W2CG.....5
.....	N2WKS .....2

N2LT is right back at the top of 6 Meters!



# THE FRANKFORD RADIO CLUB NEWSLETTER

P. O. Box 431 Albury, PA 18011-0431



Affiliated Club

## The Frankford Radio Club

### Club Officers

President, <b>W8FJ</b> , John Schrader.....610-279-6097	Email: w8fj@aol.com
Vice Pres, <b>K2UT</b> , Bob Applegate.....609-714-9359	Email: bob@applegate.org
Secretary, <b>N3ZA</b> , Moe Mosheim, Jr.....215-256-4004	Email: n3za@comcast.net
Treasurer, <b>K2QM</b> , Bob Shohet.....203-270-8456	Email: kq2m@earthlink.net

### Committee Chairman

Repeater, **K3NL**, Nick Leipold ..... 610-449-8910  
 Packet, **N3RD**, Dave Hawes ..... 610-935-2684  
 Activities, **N3AD**, Alan Donziger .....610-581-7032  
 Awards, **K2QM**, Dan Marlow ..... 609-683-5633  
 Membership

### Newsletter & Roster

Editor, <b>KQ3F</b> , Joe Stepansky ..... 717-657-9792	Email: kq3f@comcast.net
Printing, <b>N3ZA</b> , Moe Mosheim, Jr... ..215-256-4004	Email: n3za@comcast.net

**Repeater** - 2 meters, 147.27/147.87 Input and Output PL tone, 114.8

**Home Page** - [www.gofrc.org](http://www.gofrc.org)

### Meetings

Meetings are held on the 2nd Tuesday of each month (Sep through May) at 8 PM at Rexy's, 700 Black Horse Pike, Mt. Ephraim, NJ. Summer meetings are held at member homes (one Saturday/Sunday per month).

### Packet Cluster Contest/DX System

144.950 K3ZV  
 145.050 W3TUA  
 145.530 AA1K  
 145.530 K3WW  
 145.570 WT3Q  
 145.670 W3PP

### Telnet DX Cluster

[k2ut.gofrc.org](http://k2ut.gofrc.org)  
[k3ww.gofrc.org](http://k3ww.gofrc.org) 7300  
[tuacluster.no-ip.org:23](http://tuacluster.no-ip.org:23)