



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

September 2002:

- 7-8 All Asian DX Test, SSB
- 8 North American Sprint, CW
- 10 FRC Meeting, KoffP, 8 PM**
- 10 Remy's Meeting B (p. 2)**
- 14-15 European DX Test, SSB
- 15 North American Sprint, SSB
- 18 NYC Meeting, 6:30 PM (p. 2)**
- 19 T.I.T.S. Meeting, Noon (p. 2)**
- 19 FRC/NJDXC, 8 PM (p. 2)**
- 21-22 Scandinavian Activity, CW
- 24 Remy's Meeting B, 8 PM**
- 28-29 Scandinavian Activity, SSB
- 28-29 CQ/RJ WW RTTY DX Test

October 2002:

- 5-6 Oceania DX Test, SSB
- 5-6 California QSO Party
- 8 FRC Meeting, Phila, 8 PM**
- 12-13 PA QSO Party
- 12-13 Oceania DX Test, CW
- 26-27 CQWW SSB DX Test**

November 2002:

- 2-3 ARRL Sweepstakes, CW
- 9-10 European DX Test, RTTY
- 16-18 ARRL Sweepstakes, SSB
- 23-24 CQWW CW DX Test**

February 2003:

- 15-16 ARRL CW DX Test**

March 2003:

- 1-2 ARRL SSB DX Test**

MEETINGS!!

Main Meeting, Tuesday September 10



The September meeting will be held **at the Firehouse in King of Prussia, PA** on Tuesday night, September 10th. The meeting will start at 8:00 with food and drink available prior to the start.

Hope to see lots of FRCers there. We need to get everyone ready for the contest season. What are your plans? Do you need any help setting things up? Do you need operators or a place to operate? We can all learn from each other's experiences. Let's all start talking things up in September!

Directions from PA Turnpike Exit 24 (Valley Forge):

Pay toll and take 3rd (no more than 1/8th mile) ramp (**RT 202 N**)
Go to 4th light (McDonald's on right) and turn **LEFT** onto **ALLENDALE ROAD**

Stay in right lane and just past small strip mall on the right is a **DOME** building. Next driveway is the firehouse. Turn right and follow around **SLOWLY** past firehouse to parking in the rear.

More meetings on Page 2



FRC member to run for Atlantic Division Director

Tony, **N2SS**, FRC member and DX column editor, has filed a petition to run for Atlantic Division Director. Ballots will be received in early October and Tony would appreciate the support of all FRC members.

2001 CQWW Unlimited Club Results

YCCC (claimed scores from their newsletter):

CQWW SSB 272.4 Meg 211 Logs
CQWW CW 227.2 Meg 165 Logs
Total 499.6 Meg 376 Logs

FRC (claimed):

CQWW SSB 270.0 Meg 80 Logs
CQWW CW 211.9 Meg 85 Logs
Total 481.9 Meg 165 Logs

Final totals listed in CQ Magazine:

YCCC: 431,776,382 (1.15 Meg/log)

FRC: 425,406,537 (2.58 Meg/log)

Difference: 6,369,845



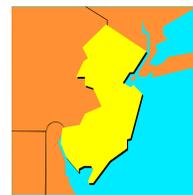
President's Column

I am really proud of all you guys and gals who went over and beyond the call of duty. I need to see the difference in logs submitted but you know they have to have a LOT more logs submitted. Awesome job! We are 1 stinking, lousy Multi multi in ONE contest shy. You have to admit it was closer than you thought it would be! Now let's make this the year we take it back. Without ANY help from ANYONE I think we can make 6 million points more than we did. Now if we can get a few of the inactive guys to get on and give us a few Q's we can really kick some YCCC posterior. What we did amounts to fighting a war of attrition against the Chinese. They have 450 members! We have 170!!!!!!!!!!!!!! We almost kicked their butt without all of us pulling in the same direction. So get out the gloves and let's all pull in the same direction. K2UT has started contacting our brethren in S Jersey to stir up the troops and has had good success. That is TEAM spirit. I didn't ASK him to do it...he just did it on his own. What have YOU done for FRC this year? PLEASE. PLEASE, PLEASE. Plan on two contests.....PHONE AND CW...at least. CQWW is THE contest. We have to take this one step at a time to reclaim our rightful place atop the standings.....so please CONCENTRATE on both CQWW tests this year. If you can do the ARRL tests so much the better. Call the folks you sponsored and see if you can get them on if they have been inactive. Bring an eager learner into your station and train him...heck there was even a fellow once who made 600K with a code reader. It was 600 K better than the guy who didn't get on! We are RIGHT there...breathing down their necks....Again, awesome job last year! That one is over....Think the Big 4!! GO FRC!

73, Doug W3CF

FRC/West Jersey DX

There will be a **FRC/West Jersey DX Meeting** on Sept 19 at the Somerset County Annex building, 1st Ave in Raritan Borough, NJ starting at 8:00 PM. Contact Marty W2CG (908) 788-2644, w2cg@arrl.net for details/directions.



Rexy Meeting B

The Rexy's **FRC Meeting B** meets after the main **FRC** meeting on the second Tuesday of each month, and at about 8 PM on the fourth Tuesday of each month

T.I.T.S. meeting

Meetings of the Trexlertown International Transmitting Society (T.I.T.S.) are held every month at 12 noon on the third Thursday (September 19). The location is the Pied Piper Diner, on PA 222 between PA 309 and PA 100, Trexlertown, PA. The Diner is across the street from the main entrance to Air Products and Chemicals, Inc.



NYC FRC Meeting

Wednesday September 18th, 2002
6:30 PM - 8:30 PM
Jerusalem II Pizza
1375 Broadway (between 37th and 38th street), NYC
212-398-1475



Agenda:

Writelog demonstration; DXpedition in a box, how to protect your rig; CQWW SSB / CQWW CW -- no station, no problem! Join an **FRC Multi Op!**

Directions: The restaurant is in walking distance from Port Authority bus terminal, Penn Station, Grand Central Station, and the A,B,C,D,E,F,N,R,Q,W,V,1,2,3,4,5,6, and 7 subway lines. For detailed directions or more information please

2002 PA QSO Party by John, K3ZV

The PA QSO Party will be held Saturday and Sunday, October 12th and 13th. The contest runs from noon Saturday to 1:00 AM on Sunday. After an 8 hour off period, the contest resumes from 9:00 Sunday morning until 6:00 Sunday evening.

Each year, one club in Pennsylvania puts on a “Bonus Point” station. Every contact with this station is worth 200 bonus points. This year, the FRC will use the W3FRC call as the bonus point station. The operation will be from Bill, K3ANS’s station. The operation will be a multi-multi on 160 through 2 meters, excluding WARC bands. If you would like to be part of the W3FRC operation, please let Bill know. We will be issuing a special QSL card for the operation.

The goal of most who enter, both in state and out of state, is to try and work all 67 PA counties. This is a pretty good trick and usually involves hunting down some of the mobile and rover stations as they drive throughout the State during the contest. Many FRCers are regulars in this contest. If you have not gotten on in the past, please consider spending some time this year.

The rules are pretty simple:

1. The exchange is a QSO number and your county for PA stations. For Non-PA stations, it’s QSO number and ARRL/RAC section.
2. DX stations are encouraged to participate. The exchange for a DX station is QSO number and DX.
3. There are 151 multipliers available for PA stations and 67 available for Non-PA stations. No one has ever gotten the “Super Sweep” (all counties and all sections). Will **W3FRC** be the first?
4. You can work the same station twice per band (once on CW and once on Phone).
5. Multipliers count only once.
6. The points per QSO is a little strange. All phone QSOs count 1 point regardless of band. On CW, contacts on 40 meters and up count 1.5 points each. CW contacts on 80 and 160 meters count 2 points each.
7. All contacts with **W3FRC** count 200 bonus points each. This is added to your score after you multiply your QSO Points times the number of multipliers. So, 5 contacts with **W3FRC** means an extra 1000 points !! It should be possible to work **W3FRC** 16 times during this contest (160 through 2 meters times 2 modes, excluding WARC bands).
8. Mobiles and rovers sometimes set up on county lines. If you work a station like that then you can work 2 or sometimes 3 counties with 1 contact. Be prepared!

There are quite a few software programs out there that support the PAQP. Here is a rundown:

1. CT - No Way, No How. I’ve tried and tried and cannot get it to work.
2. TRLOG - I have a .DOM and a .CFG file that I made for the PAQP. You will have to set it up for 1 point for phone QSOs and 2 points for CW QSOs and then go back after the contest and fix the log for the 1.5 point CW QSOs. If someone wants these files and setup information, let me know.
3. NA – Supports the PAQP. When you log a county line station, you need to log 2 or 3 contacts (1 for each county). Other than that it works very well. Also, you have to remember to log one contact with a county in WPA as WPA and one contact with a county in EPA as EPA to get credit for these two sections.
4. Writelog – Really works the best. When you work a county line, log 1 QSO with each county separated by a comma. Writelog knows what counties are in EPA and WPA and gives you the correct credit. The one funny thing is the displayed score is multiplied by 10. When you print the summary sheet, the score is calculated correctly.
5. KM3D has written two programs for the PAQP, a DOS program and a Windows program. Neither

program does rig control. The windows program has no keyer built in. Both programs score the contest correctly. If you want to try these programs, the URL is: <http://home.supernet.com/~bump-km3d/ham/km3d.htm>

6. KA3JWE has written a Windows program that does some limited rig control and has a CW keyer built in. The URL for information on this program is: <http://www.enter.net/~donster/>
7. AE6Y has written a Windows program for the PAQP but it only works for out of state entries. It's a pretty good program that includes CW keying, rig control, and you can use a sound card as a voice keyer. It also supports SO2R operation but has no support for packet spotting. This program works most of the major contests. The URL for information on this program is: <http://www.cqp.org/Software-AE6Y.html>

Logs must be mailed to the contest sponsor (the Nittany ARC). So far, they have not set up anything so you can email the logs. We will set up something so that you can email your logs to the club and then we will submit a club entry. Don't worry Charlie, I can help with this !!

There are many awards available. Certificates are available for the highest scoring station in each PA county I have the last 4 for Philadelphia. In addition, plaques are available. A list of the plaques from the 2001 PAQP. You will notice several **FRC** calls in the list as recipients and sponsors:

Plaque	Recipient	Sponsor
Unlimited Club Trophy	Murgas ARC	Nittany Amateur Radio Club
EPA High Power	AA3B	Dauberville DX Assoc.
WPA High Power	K3CR	Wireless Assoc. South Hills
EPA Medium Power	NY3A	Weekend Warriors
WPA Medium Power	WA3HAE	Radio Assoc. of Erie
QRP PA	N3RN	Penn Wireless Assoc.
QRP Out of State	N2CQ	NA3V, Jim Gooch
Medium Power Out of State	W8MJ	Penn-Ohio DX Society
Novice/ Tech / Tech +	N3THJ	WT3P, Kay Craigie, VP ARRL
First Time PA Entrant	KA3S	K3YD, Blair Bates
Mobile Division	W3USA	Delaware Lehigh ARC
Rover Division	KN4SK	Mercer County ARC
Portable Division	W3TDF	N3EB, Eric Brooks
CW Only	W3DYA	N3WS, Walt Supina
Multi-Op / Single Tx	N3SD	Tuscarora Amateur Radio Assoc.
Multi-Op / Multi-Tx	K3II	Reading Radio Club
Eastern Time Zone	W8MJ	Murgas Amateur Radio Club
Central Time Zone	W4CAT	Steel City Amateur Radio Club
Mtn/Pac Time Zone	N6MU	Outlaw Wireless League
Canadian Division	VE3STT	Columbia Montour Co. ARC
Top Single Op - NARC	NA3V	W3JXP, John Passaneau

If you do manage to work all 67 counties, you can get a plaque for this accomplishment (usually for around \$25.00). If you work at least 100 contacts, you can get a PAQP coffee mug (usually for around \$8.00). If you want to check the results from last year or read more about the PAQP, the web site is: <http://www.nittany-arc.org/paqso.html>.

There is a PAQP reflector where you can get a lot of good pre and post contest information. If you want to subscribe to the PAQP reflector, send an e-mail in the following format:

TO: majordomo@qth.net
SUBJECT:
BODY: subscribe paqso

If you need any more information or want to get involved with the **W3FRC** operation, then contact **K3ANS** or myself. I hope to see lots of fellow **FRC** members in the PAQP this year.

2002 CQ CONTEST SURVEY

By Alex, W2OX

(Reprinted with his permission and encouragement)

1. Some would claim that there has been a significant decline in the “spirit of contesting”. Some competitors have a “win at all costs” attitude that results in poor operating habits and a search for loopholes in the rules. What is the best way to arrest this behavior?

a) Peer pressure

Lots of luck. Either the person is a gentleman (gentleperson?) or he ain't. My experience in 12 years at V4 is that the vast majority of testers are just fine. Some are more aggressive than others and some are asses. It does not take a genius to discern the difference. The majority, especially the non-USA hams, are downright civilized. And let us not limit this discussion to testers. Non-testers are often ruder and nastier than any testers. I have been cursed at by many non-testers, and anyone who thinks that operating for two hours at 7062 KHz means anything to the SA Net which comes on the frequency has been smoking funny cigars.

b) Tightening of the rules

Try tightening your bowels first. It's a waste, and will just encourage the lawyers in the crowd. Or, like the Hawaiian natives who, having heard the translation of the 6th commandment said: Which kind of adultery are you talking about; we have about 42 different kinds. Listing them all would just encourage those who haven't tried all 42 kinds. Making more rules would just make everyone try the ones we hadn't heard about. Besides, who would enforce all these new rules? N6AA is already too paranoid and busy enough.

c) There are no meaningful problems in this area. Leave things alone.

Right ON! Besides one man's loophole is another man's violation. There are no flagrant violations known worth fighting about. If you really suspect some hanky panky go after the SOB and nail him/her/it and then publicize the result. One or two examples should clear up the problem, if it exists at all. IF YOU CANNOT PROVE A REAL VIOLATION OF THE SPIRIT OF THE RULES, WHAT ARE YOU GOING TO TIGHTEN?

d) Other

Offer a \$10,000 reward for proof of a flagrant violation. No self-incrimination allowed!

2. On a scale of 1-10, how would you assess your optimism of the long-term survival of our hobby over the next sunspot cycle?

As good as my own survival over the same period!

3. How many contests have you entered full-time over the last 12 months?

6-8, more than my wife would like me to enter.

4. Have you spent more or less time operating contests this year than in years past?

About the same, it just feels to have been a lot longer. In 1989, 48 hours was 48 hours. Now it feels like 96 hours.

5. Not Applicable

6. Do you believe it is appropriate to adjust contest logs after the contest?

a) One should not correct a contest log afterwards under any circumstance

Never? Ever? Hardly ever? You are joking right?? If that is what the rules say, then OK, send in an untouched log. If the rules do not say this then you are stuck asking this dumb question.

b) Only for obvious typo mistakes?

Is this contest a typing contest or a radio contest? With my “seek and ye shall find” typing skills, obvious typos are fair game. 0 does not equal O for example. But those are only a few of the maybe 5000 QSOs in my log. So I really don’t care.

c) It is fair game to use any method available to “get it right” before you submit a log.

Is the contest a “getting it right” contest or a “getting it right” on-the-air operating contest? If someone has the fortitude to record the whole contest and then do a QSO-by-QSO check of 48 hours of contest operation, by all means submit the cleaned up log to gain maybe 5% score. 48 hours of my life and I dare say of any other sane operator’s life is more than it is worth! Who cares? It ain’t the fish it’s the fishing that counts!

7. Should the results of the log checking (UBN reports and other data) be made publicly available after contest results are published for any contest entry?

Now there is a sure fired way to discourage contest participation if I ever heard one. First, assume all the entrants are crooked then attempt to prove it and then publish your results for all to see. Sure.

Why not drop the whole idea of published UBN’s, etc., unless you want to establish a UBN contest. Now that’s a good idea: Announce a new contest—the CQWWDXUBN—in a journal—the TIBET PSYCHIATRIC REVIEW comes to mind—and require that the CQWWDX logs be sent as entries. Then get N6AA to do the analysis and publish it in the same journal. There are, I am sure, some English-to-Tibetan translator programs available cheap.

In my humble opinion, publishing UBNs and such was a ZZZZZZ attack in CQ CONTEST MAG; a complete and utter waste of effort. Check the logs for typos, check logs against logs. Estimate/establish a basic % error rate vs. number of QSOs and penalize for a % value greater than this. SIMPLIFY! If we cannot trust N3ED, K3WW, and N2AA, etc., to do what is right then I quit!

Give the PARANOID SCHIZOPHRENICS on the committee some Haldol and be gone.

8. Do you feel that most testers don’t care about the QRM they may cause to non-contesting operators during a contest, or do they just get a bad rap?

a) Most testers genuinely care about how their operating affects the bands and get a bad rap from the non-contesting crowd.

I can’t even spell genuinely! Does any ham care that by operating on a frequency he causes QRM? NO! Contests are on for a short time, on a limited mode, for limited times, even during a contest. 20 meters is dead during the day when we are all on 10 meters. 12 and 17 meters aren’t used by testers.

The whole point is that the amateur bands are a gift to all and belong to those who use them, when they use them only. Flexibility and common sense require that all hams adjust their operating habits to the conditions, as they exist at the time. If 20 meters is not open to VK do we rail against the "DAMN PROPOGATION UNFAIRNESS" of it all? No, we go to 40 meters.

As a matter of fact, contesting and worldwide use of the bands in contests serves to preserve the bands for us and to train us all in the techniques of operating flexibility. The only ones who bitch are the "Belly Achters Net" who sit and BS (as is their right) on 14.235 weekend after weekend at 1400z. So on contest SSB weekends they move just like we all do. No ham has a "right" to the use of any mode or frequency. EXCEPT: for emergency traffic. Then we move, as we should.

And let's be frank—contesters have no lock on rudeness, bad manners or anything else. Non-contesters, 25 miles apart, come on frequency with 1500w to rag chew even though they KNOW that the frequency is in use. And when alerted that they are interfering with QSOs in progress by A FOREIGN STATION (V47KP), basically say-tough luck charley. This promulgation of the idea that anyone has a "right" to use the bands other than "first-come-first-served" just incites bad behavior.

b) Most testers operate with an attitude that nothing else matters but the contest itself.

Of course! How else could one devote 48 hours to such a ridiculous endeavor. No prize money! No national sponsor! No announcement in the NY Times. No nothing. SEE EMERGENCY EXCEPTION ABOVE!

9. Would you spend more time in a contest (or attempt to participate in one you have never participated in) if there were awards such as mugs, T-shirts, Certificates?

a) Yes.

Not really. But I do get some satisfaction from looking at the plaques and certificates I have won.

b) No, contest marketing doesn't matter to me.

Maybe if you offered a \$1/point incentive.

10. Overall, what do you consider to be the worst problem in contest sponsorship/administration?

a) Timeliness of results

Excellent, except for screwups for some entries. SUGGESTION: Put the corrections where they belong in a special box at the beginning of the magazine in CAPITAL LETTERS for all to see not in small afterthought section in the back

e) OTHER

In my mind, the WORST PROBLEM is the lack of appreciation by the contest community for the effort, the dedication, the sheer love and effort exhibited by those who do the collation, checking and reporting. The testers GET more than they GIVE!

11. Do you think high-quality contest operating helps the reputation of the amateur community in

times of public service/emergency or is that concept overrated?

a) It's a great help to amateur radio's ability to serve the public.

Absolutely. Setting up a station, having the ability honed by actual operating is practice par-excellence, especially in DX countries. There is no better way to go. The publicity and reputation of V47KP in St. Kitts makes all amateur radio look good.

b) Overrated and has little meaningful impact.

Only among those who know very little about operating. Who would you ask to provide necessary and urgent communications for you when the chips are down?

12.) What is the height of your tallest tower?

At W2OX, 105 feet; at V47KP 70 feet on top of a 1000 foot mountain.

13) How do you rate your contest shack in terms of equipment, layout, computers, etc.

b) Average

Average FRC station. Evolving and not on a level with K3WW, KQ2M, W2GD etc

d) Professional

Of course it's professional! I just don't know enough!

14. Do you feel single operators using two radios have an unfair advantage over those who only use one radio in a contest.

YES

Yes they do. Just like they have better ears, better CW skills, more guts, more savvy, more ambition. It is terribly unfair that others have more talents and the drive to use them. Something should be done to handicap people of talent.

NO

Alex Aimette, W2OX/V47KP

Worked All Europe (WAE) CW—Contest FRC Claimed Scores

<u>Call</u>	<u>QSO</u>	<u>QTC</u>	<u>Mult</u>	<u>Score</u>	<u>Class</u>	<u>Ops</u>
AA3B	1191	1189	155	961,520	SOHP	
AB2E	167	166	158	52,614	SOLP	
K2NG	1776	1773	174	1,600,148	MS	K2NG, K2TW, NO2R
K3WW	1078	1077	149	823,210	SOHP	
KQ3F	1075	1072	119	622,340	SOHP	
N2ED	810	809	114	433,892	SOHP	
N2NC	1711	1711	172	1,529,634	SOHP	
N3RD	1897	1888	182	1,786,520	MS	N3RS, N3RD, W8FJ
VP2V/N2WKS	465	330	96	171,039	SOLP	
W2UP	783	781	140	558,348	SOHP	
W2YC	850	845	141	620,370	SOHP	

FRC Contest DXpeditions

CQWW SSB

VP5T by FRCers.

WP2Z multi-multi with ops - K300, K3NZ and N2TK

CQWW CW

Bud, AA3B, is planning to return to V2 (as V26B?)

Editor's note: Any others?????

SCHEDULE IT NOW!

CQWW

SSB: October 26-27, 2002

CW: November 23-24, 2002

(Unlike most years, the CW test is the weekend BEFORE Thanksgiving, not the weekend after)

ARRL

CW: February 15-16, 2003

SSB: March 1-2, 2003



Who needs antenna help???
Who can give antenna help???

There are folks who need antennas repaired or replaced. Can we get a list together to see who needs what done? Also some volunteers to help get the jobs done. 6 million points will require a little more effort from us. Let's try and get our teammates on the air if they need tower/antenna work. WT3Q has asked for help getting his 40m yagi down. Dale, N3BNA, will climb for him but he needs another climber and a couple of ground crew. Who else needs help??

de Doug, W3CF

CQ WPX CW Score Addition

CALL	QSO	PEX	SCORE	CLASS
K3VA	282	232	163,096	SOHP 20

WB2R, SK

Barry Cummings, WB2R, an FRC member, passed away on Sunday morning, August 18, 2002, at his home in Cinnaminson, NJ. All of FRC expresses deepest sympathy to his family.

WRTC station OJ8K (not OJ8F) operators Dan, W7WA and FRC's Bob, KQ2M (right) 5th Place Finishers in the 2002 WRTC

Editor's note: Truth be told, I think Melissa (background left) made most of the points, with these guys taking credit.



N2SS for Atlantic Division Director

SEPTEMBER

18TH YEAR

2002

**Notes From
Your Editor**

Please excuse the liberties I've taken with this month's masthead for my unabashed political campaigning but I am in this race to win!

Now that I am in a semi-retirement mode, I decided to run for Atlantic Division Director. I have not received official word yet from the Election Committee certifying my eligibility to run but assuming I am cleared, I am soliciting your vote. If you reside in the Atlantic Division and are an ARRL member, some time in early October you will be receiving candidates statements along with a ballot. **DON'T JUST TOSS IT!** Please vote. And, when you do vote, your vote for N2SS would be appreciated.

Many of us belong to local clubs in addition to FRC. (I happen to belong to the Gloucester County Amateur Radio Club.) Ballots will be counted at HQ on November 15. To reach more of the constituency between now and then, I would be happy to join you at a meeting of your local club to say hello and speak with your local members.

So, vote early and vote often and don't leave any hanging chads!

DXCC REMINDER

The ARRL DXCC Desk reminds all DXCC program participants that the September 30, 2002, deadline to submit items for the next DXCC Annual List is rapidly approaching. The DXCC Annual List will include all stations submitting an application

to DXCC between October 1, 2001, and September 30, 2002. To appear in the Annual List, you must submit an application between those dates or be current on the DXCC Honor Roll. No submission is necessary if you are now on the DXCC Honor Roll, but only those modes that are Honor Roll will be shown. Applications must be postmarked by September 30, 2002. For more information, contact the ARRL DXCC Desk dxcc@arrl.org or 860-594-0234.

Short one this month: Joe has lots of good content for the newsletter this month, so I promised to limit my input to two pages.



Nothing to report but now that I have announced as a candidate for Atlantic Division Director, you can expect a vacancy for the position as Atlantic Division Representative to the DXAC. If my opponent wins, most likely he would not reappoint me; and if I win I would be making a new appointment. Thus, if you are inclined to serve you might want to give it some thought and let whoever wins the election know of your willingness to do so and what your qualifications are.



The latest IOTA count is 1027. Updates next month.

**CURRENT OFFICIAL ARRL
DXCC STATISTICS**

Active Count.....	335
Deleted Count.....	58
Last Addition.....	VP6/D
Last Deletion.....	STØ

**FROM THE DXCC
DESK**

Bill Moore, NC1L, DXCC Manager, made the following announcements the over the past month:

The following operations are approved for DXCC credit:

Congo:

16-27 May 2002

TN3B

TN3W

Laos:

20 Mar 2002 - 20 May 2002

XW3ZNR

9 Mar 2002 - 20 April 2002

Laos:

XWICKC

XWICW

XWIEQY

XWIGBI

XWIHS

XWIIC

XWIOM

"S"pecial "S"alute

Have you made your contribution yet? Contribute to your Newsletter and get the "S" "S".

©

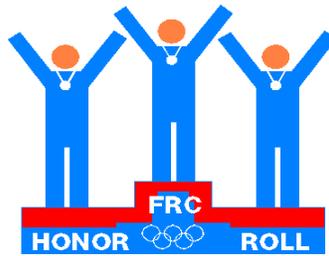
73, Tony N2SS

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SEPTEMBER

CONDUCTED BY N2SS

2002

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL .. 325	K2FL...333	N2TK ..325
N2TK..... 324	N2TK..... 331	K2FL..... 324
N2LT..... 308	K2JLA..... 328	N2LT..... 314
K2RW..... 284	N2LT..... 327	W3BGN... 301
W8FJ..... 284	W3CF..... 323	K2RW..... 290
W3BGN... 281	K2RW..... 318	N2SS..... 289
K2PS..... 270	W3BGN... 315	K2JLA..... 284
W2YC..... 264	N2SS..... 310	W3SOH... 262
WA2VYA... 259	WA2VYA... 286	K2PS..... 257
N2SS..... 255	W8FJ..... 286	WA2VYA... 252
K2JLA..... 237	K2PS..... 284	W2YC..... 250
K3II..... 222	W2YC..... 279	WT3W..... 246
W3SOH... 217	W3SOH... 263	KS3F..... 232
W2LE..... 205	WT3W..... 259	W8FJ..... 222
KS3F..... 178	W3OV..... 234	N1RK..... 200
K2BU..... 175	K3II..... 233	K3II..... 195
AA2WN... 164	N1RK..... 231	W3CF..... 192
WT3W..... 151	KQ3F..... 217	KQ3F..... 172
W3OV..... 150	KS3F..... 215	W2YR..... 171
W2YR..... 120	W2LE..... 196	W2LE..... 161
K2JF..... 111	W2YR..... 188	W3OV..... 160
NA2U..... 103	K2JF..... 168	K2NJ..... 141
AB2E..... 101	NA2U..... 155	NA2U..... 138
KQ3F..... 96	K2NJ..... 137	K2JF..... 135
K2NJ..... 90	K3ND..... 110	WT3P..... 127
N2VW..... 67	WT3P..... 106	AB2E..... 64
K2WJ..... 28	AA2WN... 102	N2VW..... 25
W3CF..... 27	K3GYS..... 83	K3GYS..... 26
N2MT..... 15	AB2E..... 70	AA2WN..... 19
K3GYS..... 8	N2VW..... 63	K2WJ..... 17
N1RK..... 3	K2WJ..... 40	N2MT..... 6
KB3FEE..... 1	N2MT..... 26	KB3FEE..... 3

Still looking for that undisputed
KING OF WARC

Rules for FRC Honor Roll Listings.

Provide me with your total IOTAs 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. Countries do not count until HQ Awards Committee takes action and announces a start date for a new country.



160 Meters



W3BGN289	WT3W 125
AA1K 279	K2PS 101
K2BU..... 260	K2RW 89
WT3Q..... 245	W2YR..... 80
N2TK..... 237	N2VW..... 74
N2LT 232	NA2U..... 73
K3NW 228	W3CF..... 69
K3SX 210	N2SS..... 67
W8FJ 188	K3NL..... 62
K3NZ..... 168	K2NJ..... 59
K3JJG..... 165	K2JLA..... 35
W3OV 163	KB3FEE..... 38
NO2R..... 159	N1RK..... 37
N3RS 156	KQ3F..... 34
K3II 149	W2LE..... 27
WA2VYA... 144	AA2WN 25
W2YC..... 141	K2JF..... 20
K3NM..... 140	N2MT..... 14
K2FL..... 135	K3GYS..... 12
K3ND 133	W3SOH..... 10
KS3F..... 129	K2WJ..... 3

W3BGN continues as the undisputed
Top of Top Band.



Digital

W2UP.....332	W2LE..... 81
N2LT 325	K2JF..... 57
K2PS..... 261	WA2VYA... 50
W3SB 245	N1RK..... 42
K2RW..... 231	N2SS..... 42
K2NJ..... 196	N2MR..... 28
W2YC..... 164	KQ3F..... 23
AA2WN..... 162	K3GYS..... 15
WT3W..... 151	K2WJ..... 12
WT3P 133	W8FJ..... 12
W2YR..... 121	N2VW..... 7
W3CF..... 100	



MOBILE DX

W2YC268	K3GYS 142
AA1K 243	AA2WN 131
N2SS..... 234	WT3Q..... 107
N2MR..... 180	KB3FEE..... 48
K2JF 150	W2YR..... 21



1.5K Club

K2FL..... 1703	KQ3F 1384
W3BGN 1685	K2NJ..... 1379
N2TK..... 1679	WT3W 1361
N2LT..... 1658	W3SOH 1355
W2UP 1637	K2JF 1350
K2RW 1581	AA2WN... 1295
W8FJ 1577	NA2U 1295
N3RS..... 1559	N1RK..... 1251
K2BU 1550	N2VW 1240
N2SS 1501	WT3Q..... 1162
K2PS 1498	K2WJ..... 1161
K3ND 1488	W2LE 1115
W2YC 1476	W2YR..... 1110
NO2R 1462	K3NM..... 1107
K2JLA 1428	W3CF 1077
WA2VYA... 1424	WT3P 1009
KS3F 1407	N2MT..... 719
N3RD 1388	KB3FEE 231



6 METER DXCC

K2JF94	N1RK..... 57
K2NJ 90	N2SS..... 49
AA1K 87	K3OO 48
WA2VYA..... 75	WT3P 39
K2PS 72	



Islands On The Air

K2FL..... 928	KS3F 319
K2JLA 854	N2VW 250
W3SOH..... 751	K2WJ..... 223
N2SS 713	W2YR..... 216
W8FJ 530	WT3W 203
W2YC 481	W3CF 200
N1RK 473	K3GYS 145
W2YC 456	KB3FEE 23



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

In This Issue

MEETINGS

N2SS FOR DIRECTOR

CQWW CLUB RESULTS

2002 PA QSO PARTY

W2OX'S CONTEST SURVEY RESPONSES

2002 WAE CW SCORES

AND MORE!

**Deadline for October issue:
Sunday, September 22**

The Frankford Radio Club

Club Officers

President, W3CF , Doug Priest.....	215-361-9989
Vice Pres, N3BNA , Dale Long	717-626-8794
Secretary, K3ZV , John Lindmeier	215-632-2919
Treasurer, K2QM , Dan Marlow	609-683-5633

Committee Chairman

Repeater, K3NL , Nick Leipold	610-449-8910
Packet, N3RD , Dave Hawes	610-935-2684
Activities, W2OX , Alex Aimette	215-721-1453
Awards, W3IZ , Norm Fusaro	215-795-0390
Membership, K3ANS , Bill Goodman	610-258-5063

Newsletter & Roster

Editor, KQ3F , Joe Stepansky	717-657-9792
Email: joe@microserve.net	
Printing, K3ZV , John Lindmeier	215-632-2919

Repeater

2 meters, 147.27/147.87
Output PL tone, 114.8

Home Page

www.frc-contest.org

Meetings

Meetings are held on the 2nd Tuesday of each month (Sep through May) at 8 PM at the Philadelphia College of Pharmacy and Science, 43rd and Kingsessing Street, Philadelphia. Summer meetings are held at member homes (one Saturday/ Sunday per month).

Packet Cluster Contest/DX System

144.910	N2MT
144.930	W3FRC
145.650	K2TD
144.950	KD3CN
145.530	K3WW
145.530	AA1K
145.530	K2SG
145.570	WT3Q
145.570	K2TW
145.590	N2NT
144.950	K3GYS
145.710	W3EA
145.730	N2BIM
147.495	W3MM
145.670	W3PP
441.050	W3MM
445.525	K3GYS
445.525	W3EA
445.850	N3BNA
..TBA	N3ED