



# THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

## CALENDAR

### January 2002:

- 1** HAPPY NEW YEAR!!!!!!
- 5-6 ARRL RTTY Roundup
- 8** FRC Meeting, Phila 8 PM
- 8** FRC Meeting "B"
- 11-13 Japan International DX Contest
- 12-13 North Amer. CW QSO Party
- 17** T.I.T.S. meeting, Noon
- 19-20 North Amer. SSB QSO Party
- 25-27 CQ WW 160M CW Contest
- 22** Meeting "B", 8 PM

### February 2002:

- 12** FRC Meeting, Phila 8 PM
- 12** FRC Meeting "B"
- 16-17** ARRL CW DX Test
- 21** T.I.T.S. meeting, Noon
- 22-24 CQ WW 160M SSB Contest
- 26** Meeting "B", 8 PM

### March 2002:

- 2-3** ARRL SSB DX Test

## CHANGES

### New Email Address

**N2SS**  
n2ss@n2ss.com

**W3CF**  
doug@w3cf.com

## ARRL Study Panel Recommends Eliminating Novice

*Editor's Note: This proposal affects not only SSB contesting, but may open up contest friendly frequencies to a new group of potential contesters.*

The ARRL Novice Spectrum Study Committee has recommended that the ARRL petition the FCC to eliminate the Novice CW subbands and allow Novice and Technician with Element 1 credit licensees to operate CW on the General 80, 40, 15 and 10-meter CW allocations at up to 200 W output. The panel suggested recognizing portions of those bands for "slow CW operation" to aid new CW operators in enhancing their skills. The committee recommended refarming the current Novice/Tech Plus subbands, in part to allow expansion of the phone allocations on 80, 40 and 15 meters. The committee's complete report will be presented to the ARRL Board of Directors for consideration during its annual meeting in January.

The committee recommended expanding the phone bands as follows:

**On 80 meters**, extend the US phone allocation to 3700 kHz, with Extras permitted on the entire subband, and with Advanced and General class subbands starting at 3725 and 3800 kHz respectively.

**On 40 meters**, extend the primary US phone allocation to 7125 kHz, with Extra and Advanced licensees allowed on the entire segment and Generals from 7175 kHz and up.

**On 15 meters**, extend the US phone allocation to 21175 kHz, with Extras permitted on the entire allocation, and Advanced and General subbands beginning at 21200 and 21250 kHz respectively.

**On 10 meters**--where Novice and Tech Plus licensees already may operate CW, RTTY and data from 28100 to 28300 kHz, retain the US phone allocation from 28300 to 29700 kHz and extend CW access to Novice/Tech Plus operators to 28000 kHz--an additional 100 kHz. The current Tech Plus 28300 to 28500 kHz phone segment would be retained.

## From the President



2002 is upon us! **I urge you to keep the focus on the ARRL tests.** These flares are not doing the YCCC any good either so the difference in winning or losing will come down to who wants it more. Preparation is an essential part of that equation. Double check all shack connections. If you had problems last contest remember what you needed to fix and do it **NOW**. Study propagation as the time nears to see how the bands are reacting so you'll have a good idea where to be and when. Some past problems concerned staying connected to the **FRC** cluster. We are aware of what problems we are having and are aggressively looking for fixes. Bob, K2UT, now has the internet node working **VERY** well. The spots are confined to spotters from W1,2,3 and 4 call areas. We get both KC1XX and W3LPL spots. You have access to Bob's site via the web page or thru any telnet client. The spots import directly into CT or Write Log. You can spot until you get tired of spotting and you will have a solid, **EXTREMELY** fast node. Speaking of spotting, **WE NEED TO DO A BETTER JOB** of spotting. It only takes a couple of key-strokes to spot so **I am offering an FRC GOLF SHIRT to the top spotter in the ARRL Tests.** One shirt for top single op unassisted spotter in each mode. I wonder if anyone will try to win both shirts. Remember to call that buddy of yours who has been inactive and urge his/her help. If they need assistance or a place to operate use the FRCC reflector to let us know. Better yet call anyone on the back of this newsletter and the situation will be addressed.

A Joyous, healthy, and prosperous New Year to ALL

**73, Doug W3CF**

## Stuff for Sale

*Editor's note: I received this announcement in early December, but some items might still be available.*

Contact Al Polaneczky, W3EFY

7n Red Oak Road

Oreland PA 19075

215-887-2036

Kenwood 870TS with MFJ 4245MV switching power supply - \$1750

Azden PCS-4000 2M Transceiver with NPC Thompson 103R power Supply and Mag Mount Antenna - \$100

ICOM IC2AT Handheld 2M Transceiver with extra batteries and charger - \$50

Lambda LXS-SS-12R regulated 12 V Power Supply - \$20

Heathkit HM-102 SWR Meter - \$10

Astatic D-104 Mike - \$50

## FRC selected as 2002 PA QSO Party Bonus Point Station

Each year, a club is selected by the Nittany ARC to be a "Bonus Point Station" for the PA QSO Party. In 2002, the **FRC** will have that honor. We will be operating from Bill, **K3ANS**'s station near Easton. We plan to run a multi/multi operation using the call **W3FRC** with 5 to 6 stations on from 160 to 2 meters. We are actively recruiting operators for the contest which is the second full weekend in October.

**73s - John - K3ZV**

## FRC CQWW CW Claimed Scores

Call	QSOs	Zones	Ctys	Class	Score	Call	QSOs	Zones	Ctys	Class	Score
AA1K	2,259	153	505	AA	4,260,810	N3KR				A	759,000
AA3E	1,686			LA	2,082,000	N3NA	895	97	323	AA	1,078,140
<i>Op</i>	<i>LU9AY</i>					N3QQ				AA	530,348
K2DM	2,024	139	472	AA	3,568,240	N3RG				AA	1,845,248
K2NG	2,378	165	587	AA	5,148,944	N3RJ	617	75	237	A	544,752
K2NJ				AA	1,074,890	N3RS	3,706	174	615	MS	8,411,529
K2RW	719	102	357	AA	922,590	<i>Ops</i>	<i>N3RS N2SR N3ED W8FJ</i>				
K2SB	413	84	266	AA	408,100	N3ZA	534	82	288	LA	553,150
K2TW	2,163	122	421	AA	3,422,529	N9GG	124	41	78	LA	37,604
K2XT				A	245,230	NE3F	1,623	144	485	MS	2,909,125
K3CC	55	12	33	A21	7,245	<i>Ops</i>	<i>NE3F K3ATO KB3GWY KS3F</i>				
K3II	2,693	154	523	MM	5,230,502	<i>KT3V</i>					
<i>Ops</i>	<i>K3II K3CT WINN WF3T</i>					NO2R	1,336	137	494	AA	2,421,147
K3JG				AA	1,054,039	NY3C				LA	501,600
K3MD	1,296	108	353	A	1,711,232	NZ3O	107	28	77	AA	30,870
K3ND	1,076	132	441	AA	1,756,245	P40W	5,803	152	478	LA	10,872,540
K3NM	4,145	159	580	MM	8,739,414	<i>Op</i>	<i>W2GD</i>				
<i>Ops</i>	<i>K3NM AA2WN K3IPK K3ZV N8LXR</i>					V27K	5,462	135	440	LA	8,308,175
	<i>W2YR W3CF W3MM</i>					<i>Op</i>	<i>AA3B</i>				
K3NZ	1,189	143	473	AA	2,095,016	V47KP	2,168	81	218	A	1,581,000
K3OO	1,296	107	327	AA	1,629,236	<i>Op</i>	<i>W2OX</i>				
K3PH	1,553	133	464	AA	2,670,381	VP5G	3,952	109	349	LA	4,337,260
K3PP				AA	175,491	<i>Op</i>	<i>K3TEJ</i>				
K3VA				LA	211,050	W1GD				AA	2,400,175
K3WW	3,053	159	537	AA	6,154,510	W2CG	2,436	143	4,480	MM	4,392,150
K3YD				LA	124,020	<i>Ops</i>	<i>W2CG K2WJ W2NO</i>				
KB3MM	751	91	328	AA	885,347	W2EN	1,473	121	415	AA	2,260,848
KC1XX	7,418	190	681	MM	2,634,775	W2LE	825	98	332	AA	1,005,770
<i>Op</i>	<i>N3RD</i>					W2RD	454	108	323	AA	542,629
KD2P				AA	494,400	W2RDS				AA	128,820
KD3TB				LA	5,800	W2UDT				A	53,020
KF3B	1,022	79	224	AA	903,849	W2UP	2,660	153	529	AA	5,248,672
KQ2M				A	5,950,000	W3AP	1,238	108	346	AA	1,603,982
KQ2O	583	49	159	A	354,640	W3BEN	77	30	63	A	19,809
KQ3F	2,048	129	441	AA	3,388,080	W3BG				AA	193,765
N2BA	2,039	116	376	LA	2,883,120	W3BGN	2,462	124	427	A	3,906,039
N2CQ	746	101	332	AA	914,929	W3BYX				A	657,000
N2ED	1,860	128	441	AA	3,032,201	W3FV	2,022	124	416	AA	3,181,140
N2LT	2,491	130	418	A	3,971,904	W3GK	435	68	221	Q	348,245
N2MM	2,272	150	523	AA	4,417,520	W3IZ	38	22	30	LA	4,680
N2MR	808	88	281	A	850,914	W3OV	1,068	102	326	AA	1,322,250
N2NT	3,468	152	493	A	6,462,900	W3PP	4,516	168	600	MM	9,780,000
N2NU				A	1,656,810	W3RJ	650	61	172	A	436,875
N2RM	6,716	182	661	MM	16,014,471	W3ZL	1,346	103	293	AA	1,545,588
<i>Ops</i>	<i>N2RM N2AA N2NC N2VV NA2AA</i>					W6XR	2,839	158	555	MS	5,751,771
	<i>W2REH W2RQ WK2G WM2H</i>					<i>Ops</i>	<i>W6XR JF1KML N2AU NA2U</i>				
N2SS				AA	979,524	WA2C				LA	705,074
N2TK	452	114	389	AA	626,235	WT3P	870	89	337	AA	1,041,996
N2VM	116	29	65	L28	30,738	WT3W	252	66	189	AA	178,500
N3AD	4,112	158	547	MM	8,306,313	<b>Total</b>					<b>211,916,496</b>
<i>Ops</i>	<i>N3AD K3BU N3MT</i>										
N3BNA	1,594	146	498	MS	2,950,164						
<i>Ops</i>	<i>N3BNA N2WKS</i>										
N3EA	194	36	110	LA	79,862						

Scores received through December 23. Submit additions and corrections to **K3WW**. Results are also available at [www.frc-contest.org](http://www.frc-contest.org).

## New Extra Class Exam Pool

The National Conference of Volunteer Examiner Coordinators' Question Pool Committee has released a revised and expanded Amateur Extra class (Element 4) question pool into the public domain. The new question pool becomes effective July 1, 2002, and must be used to generate all Extra class written examinations administered on or after that date. It replaces the Extra class question pool released April 15, 2000--the day Amateur Radio "restructuring" became effective.

The new Element 4 pool expands the number of questions by more than 20 percent--806 questions--as opposed to 665 in the current Extra class pool, and it contains more technical material. More than half of the questions cover electrical principles, circuits, signals and emissions.

The 50 questions in an Extra class examination are drawn from the question pool consistent with FCC rules and according to a formula that specifies the number of questions to be asked from each of nine topic areas. Applicants must correctly answer at least 37 questions to pass.

The new Element 4 question pool is available on the ARRL Web site, <http://www.arrl.org/arrlvec/pools.html>. The just-released Extra class question pool will remain valid through June 30, 2005.

The Question Pool Committee now will turn its attention to developing an outline for the Technician class (Element 2) question pool. A draft Element 2 syllabus is scheduled for public release and comment next spring. The QPC invites suggestions for the Element 2 syllabus and question pool revision.

Questions and comments about the QPC's work can be directed to, Chairman Scotty Neustadter, W4WW, [w4ww@arrl.net](mailto:w4ww@arrl.net); ARRL VEC Manager Bart Jahnke, W9JJ, [vec@arrl.org](mailto:vec@arrl.org); Fred Maia, W5YI, [w5yi@w5yi.org](mailto:w5yi@w5yi.org); and John Johnston, W3BE, [johnston.john1@worldnet.att.net](mailto:johnston.john1@worldnet.att.net)

## FRC ARRL 10 Meter Contest Claimed Scores

<u>Call</u>	<u>QSOs</u>	<u>Mults</u>	<u>Score</u>	<u>Class</u>	
<b>W2GD</b>	150	35	28	37,800	SOLPCW
<b>W2UP</b>	76	131		375,184	SOHPCW
<b>N2ED</b>	1341	220		1,000,120	SOHPMIX
<b>N2NT</b>	2995	301		2,736,692	M/S
	<i>Ops. N2NT W2RQ N2NC</i>				
<b>K3NM</b>	2450	290		2,121,060	M/S
	<i>Ops. N2NM LU9AY</i>				
<b>K3WW</b>	2130	256		1,786,880	SOHPMIX
<b>WT3P</b>	632	90	111	339,186	SOHPMIX
<b>NY3C</b>	555			225,000	SOLPCW
<b>KD3TB</b>	796	54	80	213,328	M/S
<b>K2NJ</b>	1000	59	70	516,000	SOHPCW
<b>N2NU</b>	3520	187	116	3,248,766	MS
	<i>Ops. N2NU WW2Y NO2R WA2MKM</i>				
<b>KB3FEE</b>	1870	277		1,642,056	MS
	<i>Ops. KB3FEE AA1K</i>				
<b>K2SB</b>	261	44	50	98,136	MS
<b>KS3F</b>	2061	112	151	1,383,380	MS
	<i>Ops. KS3F NE3F</i>				
<b>NA2U</b>	1312	252		1,127,952	MS
<b>N3KR</b>	200	34	40	59,200	SOLPCW
<b>W3BYX</b>	578	85	105	344,280	SOHPMIX
<b>W3BGN</b>	1076	57	66	529,392	SOLPCW

## A "Tower"ing Success

We seem to hear a lot of stories about hams losing tower rights when their towns get a few "concerned" citizens to complain about all the problems caused by the hams. This is NOT one of those stories!

Prior to moving to Medford, NJ in 1999, my wife and I were scouting tower-friendly towns. There are a number of hams here in Medford who've gotten building permits to erect their towers, so I asked the zoning people... "No problem, just apply for a building permit." So we bought a house. When I attempted to "just apply" for a permit, it went round and round, until I was eventually told NO towers, in ANY part of the township.

Around March of 2001, I contacted the town's zoning attorney to bring up PRB-1. He heard of it, but knew no details. I provided a copy along with a model ordinance from Moorestown NJ (available on the ARRL web site). Moorestown is two towns away, and most of the little towns around here like to think of themselves as "little Moorestowns." I assumed this wouldn't go far, but I kept in touch with him.

At the June South Jersey Radio Association Board meeting, we had an email from a member of the Medford Town Council asking for input on a pro-tower ordinance. We had no time to contact the person before the meeting, but she got it tabled until some hams in town could comment. Within a few hours, we were exchanging email with her discussing what we wanted to see in a tower bill.

I appeared before the Town Council several times, and the Planning board once to answer questions about what we wanted and why. It appears the FCC did a nice job the Township Manager called the FCC and was told that unless reasonable provisions were made for hams, the township would almost certainly lose a court battle. One ham in the historic district has a 50' wide lot; the town originally proposed a 100% setback requirement. When the Manager asked the FCC if a 25' tower was reasonable, they said "No."

Tonight, after 8 months, Township Council finally approved our new tower ordinance, by a unanimous vote. It allows any ham (they must provide a copy of their license with the application) to build a 100' tower, and with a 20' setback. The setback applies to the tower and guy stations. So, even the fellow with a 50' wide lot could put up a 100' tower as long as it, and the guy stations, are at least 20' from all property lines and not in front of the house.

The only down side is that no antennas nor towers can be in front of the "front line" of the house. So much for legally having dipoles extend into wooded front yards.

PRB-1 helped tremendously. The threat of potential lawsuits certainly helped too, although no ham even hinted at court actions... the township just didn't want to get into a no-win situation. We were always courteous with the township officials, and offered to help with any problems or questions. One of the council members is married to an inactive ham, but that helped. The head of the Planning Board told me that his favorite uncle had been a ham...all these contacts helped. The zoning attorney's ex-wife is my next-door neighbor, so he knows my lot and agreed that a tower wouldn't be noticeable through all the trees.

My goal was to make NO ENEMIES along the way; even one pissed-off township official or neighbor could have killed this ordinance, or have it limited. As is, we got an amazing deal!

I wish other **FRC**ers success in dealing with their towns... this was a lot of work, but worth it in the end. BTW, I know of three **FRC**ers in town **NIRK**, **K2PS**, and myself. It appears ALL of us are putting up new towers or extending existing towers next year. A new **FRC** member (**W2RDS**) is planning on pushing his town to adopt a similar bill, since some of the towns around here look to Medford for guidance. A lot of the lawyers work for multiple townships, so they know what sort of bill is acceptable to the hams and FCC.

73, *Bob - K2UT*

## FRC ARRL 160 Meter Contest Claimed Scores

<u>Call</u>	<u>QSOs</u>	<u>Sect.</u>	<u>DX</u>	<u>Score</u>	<u>Class</u>
<b>K3MD</b>	415	54	1	45,815	SOH
<b>N2ED</b>	800	72	12	137,676	SOH
<b>K3NM</b>	116	48	5	13,250	MS
<b>K2SB</b>	191	45	1	17,710	MS
<b>NO2R</b>	522	62	7	73,692	SOH
<b>AA3B</b>	278	48	2	28,250	SOH
<b>K3NZ</b>	362	53	7	44,880	MS
<b>NY3C</b>				26,640	SOL
<b>N2MR</b>	195	53	2	21,780	SOH
<b>KD3TB</b>	107	33		7,062	MS
<b>N2NT</b>	745	72	10	125,378	SOHP
<b>AA1K</b>	1220	76	18	236,620	SOHP
<b>W6XR</b>	875	72	12	150,276	SOHP
<b>K3WW</b>	1095	74	20	213,756	MS
<b>W3FV</b>				46,134	MS
<b>W2RD</b>	202	50	3	22,048	SOHP
<b>K2TOP</b>	1138	76	31	266,323	MS
	<i>Ops. WW2Y N2NU N2NC K2WI N2NT</i>				
<b>W2GD</b>	1121	75	31	259,594	MS
	<i>Ops. W2GD K2TW KU2C N2OO W2CG W2NO</i>				
<b>W3OV</b>	402	49	3	42,432	MS
<b>WT3W</b>	188	55	3	22,330	MS
<b>K3ATO</b>				57,637	MS
<b>NE3F</b>	331	58	5	42,840	MS
<b>WT3P</b>				11,934	SOHP
<b>N3AD</b>				65,619	MS
<b>W3BGN</b>	1011	75	17	192,372	MS
	<i>Ops. W3BGN W2VJN K3WW</i>				

Scores received through December 23. Submit additions and corrections to **K3WW**. Results are also available at [www.frc-contest.org](http://www.frc-contest.org).

### SCHEDULE IT NOW!!!!

#### WINTER 2002

February 16-17    ARRL CW DX Test  
 March 2-3        ARRL SSB DX Test



    **S9 – SAO**  
**TOME**



Check this out! This looks like a rough DXpedition location. This is where a joint LA/SM team will be signing **S9LA** from February 4<sup>th</sup> to 10<sup>th</sup>. There will be 2 stations on 24 hours per day on 160 through 6 Meters operating SSB, CW, RTTY, PSK31 and SSTV. QSL to LA2N. Visit [www.qsl.net/s9la/](http://www.qsl.net/s9la/) for the latest info and for log checking once the operation begins.





**Ducie Atoll**

The Pitcairn Islands are among the most remote in the world being over 4,500 km from the nearest continental landmass.



    **VP6/D –**  
**DUCIE ISLAND**

VP6TC has announced that the DXpedition team now plans to depart by boat from Mangareva to Ducie Island on March 12. Once on Ducie the DXpedition will use a VP6 call sign to be announced at the start of the operation. Operation is planned for all bands 160 through 6 Meters on both SSB and CW and possibly RTTY. Six-meter QSLs go to JA1BK. Log checks will be available on the "DX Cluster from Japan" Web site [www.big.or.jp/~ham/dx.html](http://www.big.or.jp/~ham/dx.html). More information is available on the VE3HO QSL Manager Web page [www.ve3ho.com/ve3ho-qslmgr.htm](http://www.ve3ho.com/ve3ho-qslmgr.htm)

and on WD4NGB's DX Is Web site [www.qsl.net/wd4nbg/ducie.htm](http://www.qsl.net/wd4nbg/ducie.htm)


  **VP8/G – SOUTH**  
**GEORGIA**


VP8SGK will be the call used by GMØHCQ operating from King Edward Point, Cumberland Bay West on January 10<sup>th</sup> and 11<sup>th</sup> and again from March 4<sup>th</sup> to 6<sup>th</sup>. QSL to his home call.


  **VP8/O – SOUTH**  
**ORKNEYS**


VP8SIG will be the call sign used by GMØHCQ operating from Factory Cove, Borge Bay, Signy Island from January 5<sup>th</sup> to 8<sup>th</sup> and 28<sup>th</sup> to 30<sup>th</sup> and again from February 27<sup>th</sup> to March 2<sup>nd</sup>. QSL as above.


**DX ALERT**  
**LEGEND**

 **160 METER ALERT**

 **IOTA ALERT**

 **PREFIX COLLECTOR ALERT**

 **RTTY ALERT**

 **WARC BAND ALERT**



**QSL DEPT.**

4TØI ..... Pablo Vazquez  
..... Calle 22 #543  
..... Corpac, Lima 27  
..... PERU  
C98DC ..... via ..... DL7AFS  
CE9C ..... Ivan Bahamonde  
..... P. O. Box 128  
..... Talca CHILE  
FK8KAB/P . via ..... FK8AH  
GBØHI..... via ..... GØWRE  
RK3IWT/3 . via ..... RV3IL  
TGØR ..... via ..... EA4URE  
..... Niagara Falls NY14304  
XU7ABN .... Claude Laget  
..... P. O. Box 1373  
..... 99999 Phnom Penh  
..... CAMBODIA

**FROM THE DXCC**  
**DESK**

HQ announces:  
ZKINCI (North Cook Is) has been on hold awaiting supporting

documentation. This has been received and upon review it is now being accepted for DXCC credit. Anyone who had this rejected during a past submission can contact DXCC at: [dxcc@arrl.org](mailto:dxcc@arrl.org) for an update to his or her record. Or, it can be sent with the next submission for credit. (This operation occurred in January and February 2000).

Bill Moore NC1L  
DXCC Manager

...and another...  
T5/DL8YR, Somalia from 1993 has been approved for DXCC credit. Note: We do not have records of rejections made prior to March 1, 1998. If your card was part of a submission dated March 1, 1998 or before, the card must be sent along with your next application for approval. (This operation dates were from April 20, 1993 to May 22, 1993).

Bill Moore NC1L  
DXCC Manager



For tracking purposes the top IOTA numbers currently are as follows:

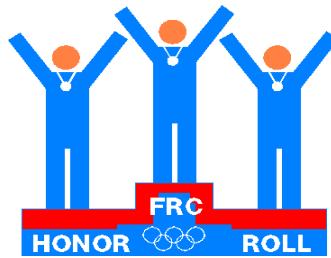
Africa..... AF-091  
Antarctica .....AN-018  
Asia..... AS-160  
Europe ..... EU-188  
North America .....NA-221  
Oceania..... OC-247  
South America ..... SA-090  
Total IOTA's ..... 1014

**"S"pecial "S"alute**  
this month to **WIAW and Cyberspace**. Have you made your contribution yet? Contribute to your Newsletter and get the **"S" "S"**.  
©

**73, Tony N2SS**

You can reach me as follows:  
H:856-227-4896 W:609-514-4030  
[n2ss@n2ss.com](mailto:n2ss@n2ss.com)  
[agargano@agilevision.com](mailto:agargano@agilevision.com)





**JANUARY**                      **conducted by N2SS**                      **2002**

🌐 <u>WARC BANDS</u> 🌐		
<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
<b>N2TK.. 321</b>	<b>K2FL...332</b>	<b>K2FL...321</b>
K2FL..... 318	N2TK..... 329	<b>N2TK..321</b>
N2LT..... 308	K2JLA..... 328	N2LT..... 314
W8FJ..... 279	N2LT..... 327	W3BGN... 288
K2RW..... 271	W3CF..... 323	K2JLA..... 284
W3BGN... 265	W3BGN... 308	N2SS..... 271
W2YC..... 253	K2RW..... 307	K2RW..... 266
K2PS..... 251	N2SS..... 301	W3SOH... 253
WA2VYA... 249	W8FJ..... 283	K2PS..... 240
N2SS..... 240	WA2VYA... 273	WA2VYA... 238
K3ANS.... 237	W2YC..... 270	W2YC..... 235
K2JLA..... 237	K2PS..... 266	KS3F..... 217
K3II..... 222	W3SOH... 260	W8FJ..... 213
W3SOH... 211	WT3W... 244	WT3W... 212
W2LE..... 200	K3ANS... 237	W2UDT... 198
W2UDT... 176	K3II..... 233	K3II..... 195
KS3F..... 166	N1RK..... 220	W3CF..... 192
AA2WN... 164	W2UDT... 220	N1RK..... 191
W3OV..... 151	KQ3F..... 217	K3ANS... 175
W2OX..... 124	W3OV..... 211	KQ3F..... 172
W2YR..... 120	KS3F..... 206	W2YR... 170
WT3W... 118	W2BE... 196	W2LE... 151
K2WK..... 115	W2LE... 186	W3OV... 151
K2JF..... 111	W2OX... 184	NA2U... 138
NA2U... 103	W2YR... 184	K2JF... 135
KQ3F..... 96	K2JF... 168	W2OX... 107
K2NJ..... 76	NA2U... 155	K3AR... 61
N2VW... 67	K3AR... 116	W2BE... 53
K2BU..... 65	AA2WN... 102	K2WK... 42
K2WJ..... 28	K3ND... 102	K2NJ... 37
W3CF..... 27	K2WK... 96	N2VW... 25
W2BE... 20	K2NJ... 80	K3GYS... 24
N2MT... 15	K3GYS... 64	AA2WN... 19
K3GYS... 8	N2VW... 63	K2WJ... 17
N1RK... 3	K2WJ... 39	N2MT... 6
KB3FEE... 1	N2MT... 26	KB3FEE... 3

Still looking for that undisputed  
**KING OF WARC**

**Rules for FRC Honor Roll Listings.**  
Provide your total IOTAs or countries (including deleted) worked. Countries do not count until ARRL takes official action and announces a recognition date.

📡 <u>160 Meters</u> 📡	
<b>W3BGN .....287</b>	WT3W ..... 123
AA1K ..... 278	K2PS ..... 97
K2BU..... 256	K2RW ..... 81
WT3Q..... 245	W2YR..... 80
N2TK..... 234	N3ZA ..... 77
N2LT ..... 232	N2VW ..... 74
K3ANS ..... 229	NA2U ..... 73
K3NW ..... 226	K2QMF ..... 69
K3SX ..... 210	W3CF ..... 69
K2WK ..... 198	N2SS ..... 67
W8FJ ..... 181	K3NL ..... 62
K3NZ..... 166	K2NJ ..... 49
W3OV ..... 161	K2JLA ..... 35
N3RS ..... 156	KB3FEE..... 38
K3JJG ..... 154	N1RK ..... 36
W2OX ..... 152	KQ3F ..... 34
K3II ..... 149	K3AR ..... 33
NO2R... 144	AA2WN ..... 25
WA2VYA... 138	W2LE..... 22
K2FL..... 135	K2JF..... 20
W2YC..... 135	W2BE... 17
K3ND ..... 132	N2MT... 14
K3NM..... 126	K3GYS... 12
KS3F..... 124	W3SOH... 10
.....	K2WJ ..... 3

W3BGN continues as the undisputed  
Top of Top Band.

📡 <u>RTTY</u> 📡 <u>Digital</u>	
<b>W2UP.....332</b>	W3CF..... 100
N2LT ..... 325	W2LE..... 80
W3KV ..... 312	K2JF..... 57
W3SB ..... 245	WA2VYA ... 50
K2PS..... 240	N1RK..... 43
K2WK ..... 223	N2SS ..... 42
K2RW ..... 202	N2MR ..... 28
K2NJ..... 196	KQ3F ..... 23
AA2WN... 162	K3GYS ..... 14
WT3W ..... 148	K2WJ ..... 12
W2YC..... 136	W8FJ..... 12
W2YR..... 121	N2VW ..... 7

🏋️ <u>1.5K Club</u>	
<b>K2FL..... 1698</b>	K2JF ..... 1350
<b>W3BGN ..... 1675</b>	K2NJ..... 1345
<b>N2TK..... 1671</b>	W3SOH ... 1339
<b>N2LT..... 1658</b>	WT3W ..... 1319
<b>W2UP ..... 1626</b>	AA2WN... 1295
<b>K3ANS..... 1588</b>	NA2U ..... 1295
<b>W8FJ ..... 1565</b>	W2BE ..... 1273
<b>K2WK..... 1558</b>	W2OX ..... 1272
<b>K2RW ..... 1556</b>	N2VW ..... 1240
<b>K2BU ..... 1550</b>	N3ZA..... 1240
N3RS ..... 1493	N1RK..... 1225
N2SS ..... 1472	WT3Q..... 1162
K2PS ..... 1468	K2WJ..... 1158
K3ND ..... 1460	W2YR..... 1098
W2YC ..... 1450	W3CF ..... 1077
NO2R ..... 1429	W2LE ..... 1077
K2JLA ..... 1428	W2UDT ... 1016
KQ3F ..... 1384	K3NM..... 994
WA2VYA... 1382	K3AR..... 978
KS3F ..... 1375	N2MT ..... 719
N3RD ..... 1370	KB3FEE ... 231
.....	.....

🚗 <u>MOBILE DX</u>	
<b>W2YC ..... 257</b>	AA2WN..... 108
N2SS ..... 227	WT3Q..... 107
AA1K ..... 217	KB3FEE ..... 48
N2MR..... 180	W2YR..... 19
K2JF ..... 150	AD3Z..... 5
K3GYS..... 133	.....

W2YC is safely ensconced **MOBILE #1**

🌴 <u>Islands On The Air</u>	
<b>K2FL..... 915</b>	W2UDT ..... 368
K2JLA ..... 854	KS3F..... 263
W3SOH... 740	N2VW ..... 250
N2SS ..... 676	K2WJ..... 222
W8FJ ..... 524	W3CF ..... 200
N1RK ..... 462	WT3W ..... 178
W2YC ..... 456	K3GYS ..... 109
.....	KB3FEE ..... 23



# THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

## The Frankford Radio Club

### In This Issue

MORE FREQUENCIES

FRC IN 2002 PA QSO PARTY

CQWW CW SCORES

160 METER SCORES

10 METER SCORES

TOWER WIN

AND MORE!!!

**Deadline for Feb. issue:**

**Sunday, January 27, 2002**

### Club Officers

President, **W3CF**, Doug Priest..... 215-361-9989  
Vice Pres, **N3BNA**, Dale Long ..... 717-626-8794  
Secretary, **K3NZ**, Norm Zoltack ..... 610-799-4044  
Treasurer, **K2TW**, Tom Wall ..... k2tw@arrl.net

### 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, **K3NZ**, Norm Zoltack ..... 610-799-4044

### Repeater

2 meters, 147.27/147.87

Output PL tone, 114.8

### Home Page

[www.frc-contest.org](http://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 KD3CN  
..TBA N3ED