



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

April 2002:

- 1 April Fool's Day!**
- 9 FRC Meeting, Phila, 8 PM**
- 9 FRC Meeting "B"**
- 18 T.I.T.S. meeting, Noon**
- 23 Meeting "B", 8 PM**
- 27-28 Florida QSO Party
- 27-28 Helvetia Contest

May 2002:

- 14 FRC Meeting, Phila 8 PM**
- 14 FRC Meeting "B"**
- 11-12 CQ-M DX Contest
- 16 T.I.T.S. Meeting, Noon**
- 28 Meeting B at Remy's, 8 PM**
- 25-26 CQWW WPX CW Test

August 2002:

- 10-11 European DX Test, CW

September 2002:

- 14-15 European DX Test, SSB

October 2002:

- 12-13 PA QSO Party
- 26-27 CQWW SSB DX Test**

November 2002:

- 23-24 CQWW CW DX Test**

February 2003:

- 15-16 ARRL CW DX Test**

March 2003:

- 1-2 ARRL SSB DX Test**

CHANGES

New Member!!!!

KB3CBO
Ed Moyer

FRC March Meeting Minutes

The March meeting of the **FRC** was held at the King of Prussia Firehouse and called to order by **W3CF** at 7:00 PM. There were 30 members and 4 guests in attendance.

Ed Moyer - **KB3CBO** was nominated for membership. Ed was sponsored by **K3ANS** and **WF3H**. **K3ANS** spoke on the very positive contribution that Ed made during the ARRL CW and SSB contests. Ed operated from **K3ANS** both weekends. Ed was voted into the club and given the required entrance speech by **W3CF**. **WELCOME ED !!**

The next order of business was the election of club officers for the next year. At the February meeting, the following members were nominated:

President - **W3CF**
Vice president - **N3BNA**
Secretary - **K3ZV**
Treasurer - **K2QM**

The floor was then open for additional nominations. **W3BGN** nominated **K3OX** for president. Kevin then gave a short talk on why he wanted to be president and his thoughts on the club. No additional nominations were made. The vote for president was then held by secret ballot. After the votes were totaled by the nominating committee, **W3CF** was declared the winner. The remaining slate of nominees were then voted in by acclamation.

K3WW did a presentation on the scores for the ARRL CW and SSB contests. The results at the time of the meeting are:

CW 195,057,754 (83 Logs)
SSB 131,730,405 (63 Logs)
Total 326,798,159

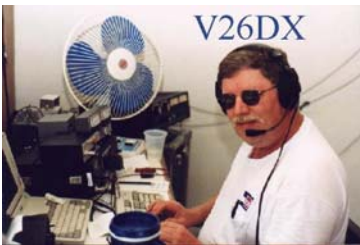
These scores are not final. We should have the final numbers as soon as Charlie sends the logs to the League. The meeting was adjourned at 8:30.

73s - John - **K3ZV**

Bob, KQ2M Sets New Record Scores

Bob, **KQ2M**, set a new claimed ARRL DX SSB - SOABHP Unassisted US record with 6,642,618 points (Bob broke his previous record from 2000). Bob's ARRL 10M score is also a new claimed US record for SOABHP Mixed Unassisted (broke his previous record from 2001). This is the 3rd year in a row that he won the 10M contest.

Awesome Job FRC!!!



Despite many "problems" we did a great job in 2001! Pat yourself on the back but let's not sit around feeling good about a work in progress. As you know we are vastly outnumbered by BOTH of our neighbors. We can't afford to lose sight that without your intense efforts we could be NUMBER THREE. Perish the thought! So we begin anew to plan for the 2002 wars beginning in October. You new guys don't be shy! Ask for a spot to improve your skills. **K3NM, K3ANS, N3AD, N3RS, W3PP** and others open the world of on the job training for guys (gals) that don't have the station to make big points. Our future depends on YOU taking the bull by the horns and asking for help or a place to operate. Yes you may have to drive a few miles but we have folks taking buses state to state to make points for **FRC**. Do whatever you have to do to follow suit. Make point production your #1 goal for next year. The best way of doing that is to plan on making QSO's in all FOUR major contests. Even if you have to work there is time before or after work to sit down and make 100 contacts for your brother **FRCers**. Plan it now! Together we can accomplish our goal, TO RETURN **FRC** to its rightful place atop the Unlimited Club Category.

All of our tools are important and need our attention. The repeater, packet, Internet, meetings, summer meetings, Dayton, Pizza Bash, Rexy's, NYC meetings, Firehouse meetings, Silk City meetings, DXpeditioning, Tower and technical assistance, recruiting and competing are all covered under the umbrella.

The repeater IS important. Linking has been on Nick's agenda for a while. Linking the NJDXA with **FRC** would be a perfect fit with so many on both clubs and NJDXA's presence in NJ/NY/NYLI area. As we found out when the repeater had to be moved if we are not on the air our frequency is in jeopardy.

Packet upgrades have been my number one priority since I took over. The RF users will gain better spots once we get the BACKBONES over onto the Internet. Dave is working on it with several sysops. You are finally seeing that Internet spots ARE NOT a bad thing. If education is what it takes we can have a "school" to get everyone on the same page. The filters available now allow you to set it to receive only W3 spots if that is only what you want to see. On the other hand if you pay attention to what is happening on the Internet cluster you can work many stations and multipliers that you would have MISSED by not having the internet spots.

To do it right we need two things. Number one is MANPOWER. We need more guys to raise their hands and yell "WHAT CAN I DO?", then have enough resolve to complete the mission given. The other is money. The committee chairs will make recommendations as to where to spend it and you will decide if this is where you want it to go. **FRC** has not had dues as long as I know so we have a hard time projecting what we will have on hand. Donations are down for the last three years both in amount and number of contributors. To that end I have accepted K3YD, Blair's offer to analyze our financial position. Blair enjoys number crunching and I welcome his input. **Please use the enclosed envelope to make your yearly contribution to improving the club.**

Thanks for your thoughts. Please keep this kind of dialog going. Positive suggestions, POSITIVE remarks! HOLD UP YOUR HAND! Yell WHAT CAN I DO TO HELP? IF we do that we will crush YCCC. It takes all of us pulling on the rope in the same direction. We have 7 months to get our act together until we go to battle once again

Have a great Spring! See you in Philadelphia this month!

73 W3CF



2002 DX CW Test – FRC Claimed Scores

Station	QSOs	Cntrys	Class	Score	Station	QSOs	Cntrys	Class	Score
AA1K	4,077	432	SO	5,283,792	N3AD	4,657	511	MM	7,137,648
AA2WN	2,500	470	MS	3,520,770	N3BNA	1,531	355	MS	1,629,450
	<i>Ops</i>	<i>AA2WN W2YC</i>				<i>Ops</i>	<i>N3BNA N2WKS</i>		
AA3B	3,206	463	SOA	4,453,134	N3DL			80	60,000
K2DM	1,501	308	SOQ	1,386,924	N3KR			SO	890,664
K2NG	3,431	520	SOA	5,350,800	N3RJ	1,011	240	SO	727,920
K2NJ			SO	2,940,636	N3RS	6,414	567	M2	10,873,992
K2OWE	707	233	SOA	493,494		<i>Ops</i>	<i>N3RS N2SR N3ED N3RD W8FJ</i>		
K2QM			SOA	1,639,341	N3ZA	1,117	402	SOA	1,347,102
K2SB	901	363	SOA	981,189	N4XU	1,189	258	SOL	920,286
K2SWZ	50	32	10	4,800	NA2U	980	104	SOL	305,760
K2UT			SO	326,898	NE3F	2,893	462	MS	4,008,312
K2WI	3,912	482	MS	5,560,000		<i>Ops</i>	<i>NE3F K3ATO KS3F</i>		
	<i>Ops</i>	<i>K2WI AA5B WW2Y</i>			NN3Q	1,329	385	SOA	1,534,995
K3ANS	4,247	488	MM	6,200,040	NO2R	2,336	506	SOA	3,541,494
	<i>Ops</i>	<i>K3ANS K3YD KB3CO KC3WX N3MX WF3H</i>			NZ3O			SOA	2,700
K3BHX	851	320	SOA	814,080	P40W	3,966	336	SOL	3,997,728
K3CC	195	108	SOL	62,856		<i>Op</i>	<i>W2GD</i>		
K3CP			SOA	117,735	V26G	4,200	322	SOA	4,057,200
K3CT			SOA	131,262		<i>Op</i>	<i>N2ED</i>		
K3H			SOA	1,076,376	V47KP	3,091	306	SO	2,837,538
K3JG			SOA	651,630		<i>Op</i>	<i>W2OX</i>		
K3MD	2,181	393	SO	2,571,399	W1GD	2,120	413	SOA	2,626,680
K3NM	5,776	558	MM	9,669,024	W2CG	3,541	471	MM	4,996,368
	<i>Ops</i>	<i>K3NM K3IPK K3ZV W3CF W3MM WK2W</i>				<i>Ops</i>	<i>W2CG W2EN W2NO</i>		
K3NZ	1,387	353	SOA	1,468,833	W2LE	1,112	326	SOA	1,087,536
K3OO	804	231	SOA	556,479	W2RD	441	293	SOA	380,607
K3OX	798	268	SOL	629,662	W2RDS			SOA	100,485
K3PH	1,921	328	SOL	1,890,264	W2UDT	606	225	SO	409,050
K3PP	353	202	SOA	213,918	W2UP	2,610	457	SOA	3,576,939
K3VA			SOL	284,610	W3AP	1,967	352	SOA	2,077,152
K3WU	1,969	325	SO	1,917,825	W3BEN	279	140	SOL	117,180
K3WW	4,562	524	SOA	7,171,464	W3BGN	4,154	514	MS	6,405,468
KB3MM	1,084	341	SOA	11,108,932		<i>Ops</i>	<i>W3BGN K2TW</i>		
KD2P			SOA	466,125	W3BYX	913	294	SO	810,558
KD3TB			SOA	62,604	W3FV			SOA	3,607,590
KF3B			SO	1,282,311	W3FVT			SOA	155,952
KQ2M	3,643	397	SO	4,338,813	W3GK	1,201	337	SOA	1,214,211
KQ3F	3,282	443	SOA	4,361,778	W3IZ	361	164	SOL	177,612
KU3X	358	155	SOA	166,470	W3OV	606	197	SOA	358,146
N2CQ			SOA	1,117,155	W3PP	5,834	544	MM	9,521,088
N2CY	1,237	326	SOA	1,209,786		<i>Ops</i>	<i>W3PP K3FT KW3Z N3PT NW3Y W3PAR WB4FDT</i>		
N2LT	3,389	418	SO	4,248,552	W3RJ			SO	195,858
N2MM	2,930	499	SOA	5,486,320	W6XR	2,226	489	SOA	3,265,542
N2MR			SO	1,365,525	W8FJ			SOA	136,884
N2NT	2,746	360	SOL	2,962,440	WA2VYA	1,938	364	SO	2,116,296
	<i>Op</i>	<i>LU9AY</i>			WE3C			SOA	822,312
N2RM	6,933	576	M2	11,980,224	WF3M	1,305	220	SOL	861,300
	<i>Ops</i>	<i>N2RM N2AA N2NC N2NT W2RQ WM2H</i>			WK2G	1,560	264	SOL	1,235,520
N2VW			SOA	192,672	WQ3E	453	203	SOL	274,050
					WT3P	1,100	330	SOA	1,080,900
					WT3W	640	320	SOA	614,440
								Total	207,899,630



2002 DX SSB Test – FRC Claimed Scores

Station	QSOs	Cntrys	Class	Score	Station	QSOs	Cntrys	Class	Score
AA1K	3,211	415	SO	3,997,695	N3RD	2,286	146	15	1,001,268
AA3B	2,051	408	SOA	2,510,424	N3RJ	743	205	SO	455,715
AB2E	344	175	SOA	180,600	N3ZA	1,204	416	SOA	1,502,592
K2DM	2,514	453	SOA	3,415,167	NA2U	1,261	329	SOA	1,244,607
K2OWE			SOA	627,270	NE3F	2,581	470	MS	3,633,570
K2PS	499	251	SO	375,747	<i>Ops NE3F K3ATO KB3GWY KS3F NT3V NZ3G</i>				
K2QM	2,035	381	SOA	2,326,005	NN3Q	1,142	323	SOA	1,105,629
K2SB	605	257	SOA	466,455	NU2W	277	137	SOA	113,436
K2SWZ	94	48	10	13,536	NZ3O	127	85	SOA	32,385
K2WB			MM	1,659,228	V26S	5,036	299	MM	4,517,292
<i>Ops K2WB, W2RDS, KD2P, W2MC</i>					<i>Ops KD3TB N2WKS W3CF</i>				
K2WJ	204	56	40	34,272	V47KP	5,408	316	SO	5,126,784
K3ANS	4,562	560	MM	7,627,200	<i>Op W2OX</i>				
<i>Ops K3ANS K3YD KB3CBO KC3WX N3MX</i>					VP5A	9,628	326	MM	9,705,024
<i>N3PUR W0RSD W3ZL</i>					<i>Ops KQ3V N3FTI WE3C</i>				
K3BSA	531	195	MS	310,635	W1GD	2,278	448	SOA	3,061,632
<i>Ops K3JLK WB3BSA</i>					W2CG	2,489	464	MM	3,477,216
K3CT	1,642	339	MM	1,669,914	<i>Ops W2CG K2WJ W2EN W2NO</i>				
<i>Ops K3CT K3II</i>					W2GD	2,096	484	SOA	3,041,940
K3MD	1,411	331	SO	1,401,123	W2RD	1,619	384	SOA	1,863,936
K3NM	4,742	532	MM	7,563,444	W2RDS	231	145	SOA	100,485
<i>Ops K3NM K3IPK K3ZV LU9AY</i>					W2UDT	737	240	SO	530,640
K3NZ	1,042	338	SOA	1,020,084	W2UP	552	261	SOA	432,216
K3OO	1,892	434	MM	2,463,385	W2YC	1,684	449	MS	2,268,348
<i>Ops K3OO K3000</i>					<i>Ops W2YC AA2WN</i>				
K3OX	428	219	SO	281,196	W3AP	875	262	SOA	687,750
K3PP	1,848	381	SOA	2,128,896	W3BEN	175	105	SOL	55,125
K3VA	505	231	SO	349,965	W3BG 1			SOQ	27,285
K3WW	3,356	523	SOA	5,265,564	W3BGN	2,931	420	SO	3,693,060
K3XC			SO	540,804	W3BYX	776	277	SO	644,000
K3ZV			SOA	175,500	W3FV			SOA	2,112,468
KB3MM	595	228	SOA	406,980	W3GM	929	313	SOA	872,331
KQ2M	4,403	503	SO	6,642,618	<i>Ops K3ND</i>				
KQ3F	1,789	399	SOA	2,141,433	W3IZ			SO	54,435
KU3X	545	190	SOA	310,650	W3MF	1,688	408	SOA	2,066,112
N1RK	1,336	403	SOA	1,615,224	W3PP	5,161	550	MM	8,515,650
N2CY	1,037	306	SOA	951,966	<i>Ops K3FT KB3FEE KW3Z N3KW</i>				
N2ED	1,652	368	SOA	1,823,808	<i>N3PT N6KO W2GJ W3PAR</i>				
N2LT	2,284	358	SO	2,453,016	W3RJ	1,012	239	SO	725,604
N2MM	2,354	407	SOA	2,874,234	W3TT	173	79	SOL	41,001
N2NT	3,493	466	SO	4,880,418	<i>Ops N9GG</i>				
N2RM	5,260	565	MM	8,902,140	WB3CIW			SOA	1,023,759
<i>Ops N2RM N2NC WM2H</i>					WF3M	555	191	SOL	318,015
N2VM	154	98	SOL	44,688	WP2Z	5,193	295	SO	4,595,805
N2VW			SOA	571,590	<i>Ops N2TK</i>				
N3DL			SOA	1,800,000	WT3W	1,134	349	SOA	1,187,298
N3ED	1,711	393	SOA	2,017,269	Total 148,954,520				
N3KR	796	285	SO	679,000	ARRL DX CW and SSB scores as reported through March 26. Send any additions or corrections to K3WW ASAP.				



2002 160M SSB Test – FRC Claimed Scores

Station	QSOs	W/VE	Cty	Score	Class
AA1K	531	51	28	113,602	Packet
K2FL	86	28		5,544	Packet
K2SB	103	33	4	8,843	Packet
K3IPK	54	24	0	2,880	SOHP
<i>Op N3NS</i>					
K3NM	667	56	20	124,336	SOHP
K3OO	219	38	17	32,285	Packet
K3OOO	159	34	6	14,720	Packet
K3WW	482	58		66,758	Packet
N2VW				16,422	Packet
N3NS	177	32	2	13,260	SOHP
<i>Op K3IPK</i>					
NE3F	708	54	25	137,539	Multi
<i>Ops NE3F, KS3F</i>					
V47KP				267,000	SOHP
<i>Op W2OX</i>					
W3AP	101	31	8	10,062	SOHP
W3BGN				132,273	SOHP
W3FVT				9,240	Packet
W3IZ	250			23,562	SOHP
W8FJ				20,520	Packet
K2PS	258	59		37,701	
				Total 1,036,547	

FRC Annual Fund Drive

April is the start of our new club year and the traditional month for our fund drive. **FRC** has no dues, other than your participation in the ARRL DX and CQWW DX Contests. However, we do have expenses. Our monthly newsletter, packet network, repeater and awards program require a substantial amount of money to keep going. Please do what you can. If you use most of the resources, \$50 might be an appropriate donation. Our average donation over recent years has been over \$25. Our voluntary contribution system gives each of us the opportunity to support the club within our means.

We are looking for contributions from out ACTIVE and INACTIVE members. Remember that inactive members must contribute to receive the newsletter. It's our only way of knowing if you are interested in keeping in touch with the club. Those who attend meetings and contribute scores get the newsletter regardless of contributions.

RUSSIAN DX CONTEST

Call	QSO	Mult	Score	Class
AA3B	886	302	1,813,510	SOCWHP
N2RM	577	233	993,279	SOCWHP
<i>Op N2NC</i>				
AB2E	320	156	316,836	SOCWLP
N2NC	65	46	22,632	SOCWQRP
N2NT	2006	445	267,380	SOMIXHP
K3WW	1225	338	2,824,328	SOMIXHP
KQ2M	596	249	1,045,800	SOMIXHP
Total 15,641,839				

Meeting Announcement

Besides the usual get-together at Rexy's on the fourth Tuesday of each month, we're also having another meeting to be held before/after the South Jersey Radio Association (SJRA) meeting on the fourth Wednesday, 4/27.

People start to gather around 7, and the main SJRA meeting starts 7:30. SJRA meets in Pennsauken; directions can be found on their web page: www.sjra.org. During the break, **FRC** folks can congregate near the bar (sorry, it's only serving soda) for some quick discussions. Now that the major contests are over, we all know what needs fixing at our stations, so let's get some plans in place to get some work sessions and improve each others' stations! If nothing else, come on out and brag about your scores, HI! Contact me if you want more information.

73, Bob K2UT

FRC Awards

FRC awards are based on claimed scores, reported to **K3WW**, for the past contest season. Scores from the CQWW and ARRL DX contests are used to determine all awards.

Most awards are determined by the Awards Committee and presented at the May meeting in Philadelphia. Certain awards require some input from the recipients. The 1 Meg, Tri Meg and Pent Meg awards require notification to Norm, **W3IZ** (w3iznorm@prodigy.net)

FRC Awards Program

Awards for Cumulative Scores CQWW CW, SSB & ARRL DX CW & SSB

Top Gun: (highest total) Trophy & possession of Perpetual Trophy for one year.

Top Ten: Plaque for each of the top 10 SO/SOA scores.

Multi-Multi: Plaque for each of the top 3 M/M stations and their operators.

Multi Single: Plaque for each of the top 3 M/S stations and their ops.

Awards for Achieving Fixed Point Goals

Million Point Award: Plaque for SO/SOA for first time achieving 1 million points in a contest. One time per contest.

Tri-Meg Award: Plaque for M/S station for first time achieving 3 million points in a contest. Award goes to the holder of the call used. One time per contest.

Penta-Meg Award: Plaque for M/M station for first time achieving 5 million points in a contest. Award goes to the holder of the call used. One time per contest.

DX-peditions

Million Point Award: Plaque for SO/SOA DX-pedition for first time achieving 1 million points in a contest. One time per contest.

Tri-Meg Award: Plaque for M/S DX-pedition for first time achieving 3 million points in a contest. Award goes to the holder of the call used. One time per contest.

Penta-Meg Award: Plaque for M/M DX-pedition for first time achieving 5 million points in a contest. Award goes to the holder of the call used. One time per contest.

New CQWW Exchange Proposal??? (by KQ3F)

The CQ High Commission for Contesting is proposing to modify the CQWW DX Contest exchange. This change is being proposed to streamline the contest exchange and increase the attraction of contesting to younger people.

Mr. C.Q. Test, the Chairman of the High Commission, explained the reasoning behind the proposed change. "The CQWW DX Contest exchange has lost all meaning. With computer logging, once a contester has a station's call, the QSO is essentially over. Everyone is giving a 59(9) signal report, and the software fills in the correct zone. Where's the skill? Where's the challenge? Where's the beef?"

The High Commission proposes replacing the current exchange with a simple "DUDE". A sample QSO follows:

W3XXX: CQ Test de W3XXX

DL1XXX: DL1XXX

W3XXX: DL1XXX "DUDE"

DL1XXX: "DUDE"

W3XXX: QSL, W3XXX Contest

According to Mr. Test, the proposed exchange will have several benefits. "It's as meaningless as the existing exchange, but has the benefit of attracting younger people to contesting. We believe this will be especially true of the 'grunge' community. Toward that end, we are encouraging all serious contesters to have photographs taken of themselves between 2100Z and 2359Z on Sunday during a 48 hour contest weekend. Our expectation is that those photographs should prove extremely attractive to those embracing the 'grunge' and even 'slacker' lifestyles."

"We're also considering assigning bonus points for particularly heartfelt or original "DUDE" exchanges. All exchanges will be monitored by **Basic Airwave Listening Of New Exchange Yagis**, which will eventually be supplemented by the **Analysis Network Domains Containing Higher Emphasis Exchanges Supplementing Erudition**.

Contest software developers are also embracing the proposed exchange, and are even planning to develop something called the FRC Module. If a single operator reaches the million point mark during a contest, a window will open with FRC Awards chairman W3IZ stating "DUDE, YOU'RE GETTIN' A PLAQUE!"

Interested parties may submit comments about the proposed change on April 1 and ONLY on April 1 (any year will do, even prior years). However, any and all comments may be ignored, depending on solar flux, weather, or any criteria arbitrarily decided by the High Commission.

The Lament of A Phillies Fan

By Norm Fusaro, W3IZ

I have been a Phillies fan
Since I was very young.
And for this sports devotion
I've endured many a scathing tongue.
I saw my first game at Connie Mack
And I've had a season pass at the Vet
And I know that I'll watch them play
At a stadium which isn't built yet.

It was great skipping school
With my buddies Scott and Dave
To watch Steve Carlton pitch
Strikes outs to the Braves.
Schmidt & Luzinski were swinging stick
And Pete Rose was having a hell of a game
By the way, I think that Pete
Belongs in the hall of fame.

I saw lefty break the strike out record and Bowa stealing bases.
"That ball's out-a here!" Harry Kalas had exclaimed
As Michael Jack Schmidt hit home run number 500.
Now everyone knew his name.

But the greatest thing that I ever saw
Was the final pitch from Tug McGraw
Swing and a miss
It was a Royal breeze
And the Phillies won the 1980 World Series.

A lot of time has past for Phillies fans
Since that victorious day.
But the true fans stayed with the team
No matter how good or bad they played.
Now the season has begun
In this year Two Thousand - One
And the Phillies are out in front
All alone at number one.

They're playing like a team
Should play.
Out there hitting everyday
Playing the game with passion
And with desire.
They don't need a Mark McGuire.

Chicago vs. Boston?
No, not this year.
On a crisp October night,
Oh, I hope to hear
Harry call it again
"This ball is out-a here!"

And the Phillies win the World Series.
Could they? Would they? Should they?
These are serious queries.
Will they play 600 ball after the All Star break?
One can only dream.
If this is what a fan can dream
Then what about the rest of the team?

N2SS

FRC DX NEWS

Editor

APRIL **18TH YEAR** **2002**

Notes From Your Editor

Notice the change on the masthead? This issue marks the beginning of my 18th year of continuously publishing the **FRC DX NEWS**.



DX ANYTIME!

Have you run across **IRLP** yet? IRLP is an acronym for Internet Radio Linking Project. This is a new global network being established to tie repeaters and nodes together around the world. The other day I was talking to a G in Yorkshire, England on his local repeater using my HT through my local 440 repeater here. Each repeater/node in the IRLP network has a 3 digit code. Access one of the local IRLP repeater nodes, punch in the code for the IRLP repeater node in Melbourne, Australia and you now have HT or mobile access to that local VK repeater. Pretty neat stuff! A great way to enhance the capabilities of a

repeater. Want more info and a list of nodes? Check out www.irlp.net

AWARDS

I'm really not an awards chaser but I couldn't resist this one. It's a beautiful foot-long cloth banner available from the Association Radio Amateurs of Moldova. The reverse side displays an ER call area map. The award requires a log extract showing contact with at least 25 ER stations plus IRCs. For more details you can contact the society's award manager, Valery Gribincea, ER1BF at: er1bf@moldtelecom.md. Be patient. My experience was he is slow at answering emails but he does answer.



Moldovan DX Award

NIX ON 6 METER HONOR ROLL

Zero response on the question raised regarding adding 6 Meters to the FRC Honor Roll listings. So, I'll not proceed with that suggestion. Anyone else have any other suggestions for the newsletter? I'm always happy to run them up the flagpole and see if anyone salutes.

CURRENT OFFICIAL ARRL DXCC STATISTICS

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

3A - MONACO

IZ1EEX/F5VHM is now operating as **3A/IZ1EEX/M** from Monaco on 14250 kHz on Saturday and Sunday afternoons (local time). QSL to:
Gino Farina
La Plage du Cap Bat. A3
231 avenue de la Plage
Roquebrune-Cap-Martin
06190 FRANCE

3B8 - MAURITIUS

DL6UAA plans activity for the first couple of weeks in April as **3B8MM**. Operations will be on 80 through 10 Meters CW, SSB and RTTY. For the latest info and for log checking on this and his previous DXpedition operations visit Mart's web site: www.dl6uua.de.

8Q - MALDIVES

Igor, RN30A is currently active on 80 through 10 Meter SSB and CW as **8Q70A**. He'll be there through April 10th. QSL via RN30A to:
Igor Zakharov
P.O. Box 381
Voronezh 394000
RUSSIA

H40 - TEMOTU

Look for Nick, VK1AA now through April 7th as **H4ØXX**. QSL to:
Nick Hacko
P.O. Box 730
Parramatta 2124, NSW
AUSTRALIA

The web site for the DXpedition is at www.qsl.net/vk1aa/temotu/

  **OX – GREENLAND**

Look for Per, OZ1EQC on 10, 15, 20, 30, 40 and 80 Meters CW, RTTY, PSK31 and SSTV signing as **OX/OZ1EQC** from April 23rd to May 8th. While there he also plans activity from IOTA NA-134 and NA-220. QSL to:

Kurt Jensen
Thuroevej 27 Starup
Haderslev DENMARK

TN – CONGO

Fresh from their 24.5K Q's as D68BT and D68WL, Josep, EA3BT and XYL Nuria, EA3WL will be mounting a major dxpedition as **TN3B** and **TN3W**, respectively, from May 16th to 27th. By the way, check out their web site at www.ea3bt.com for some entertaining dxpedition presentations.

   **VKØ – MACQUARIE**

Good news from Macquarie! Peter, **VKØMQI** is a member of the 2002 Australian National Antarctic Research Expedition on Macquarie Island. He departed on March 11th and will be staying there until December. Plans are to operate on all bands through 6 Meter in his spare time. JA1ELY will be handling the QSL cores.

   **VK9M – MELLISH REEF**

Starting April 12th! Don't forget! See last month for details.

XW – LAOS

Fabrizio, IN3ZNR will be operating again from Vientiane as **XW3ZNR** from April 24th through May 4th.

Operating frequencies will be 28475, 21375, 14275, 7075 and 3775 kHz listening up 5 to 10. QSL to:

Fabrizio Vedovelli
Via Gramsci 27
38100 Trento ITALY






XW – MYANMAR

With their main purpose making preparations for future DXpeditions NA7DB and two YL operators from the Central Arizona DX Association will be active from Myanmar during the first week of April. Call signs

used will be **XZ1SB**, **XZ1JB** and **XZ1DB** from Yangon and **XZ5SB**, **XZ5JB**, and **XZ5DB** from Mandalay.

 **YA – AFGHANISTAN**

GØTQJ is leaving for there on April 15th for a 2 to 3 month assignment. He plans to try getting a license and if successful will be active during his spare time on on SSB and RTTY. QSL to his home callsign.

DX ALERT LEGEND
 160 METER ALERT
 IOTA ALERT
 PREFIX COLLECTOR ALERT
 RTTY ALERT
 WARC BAND ALERT



THE WORLD OF DX

Interested in going on a DXpedition? The Kermadec DX Association is looking for experienced SSB and CW operators for a DXpedition to Chatham Island (ZL7) later this year. "As this will be 24 hour per day operation", says team leader Ken Holdom, ZL2HU, "we are looking for operators who feel they have the willingness and ability to operate during both day time and night time." For further information send Ken an e-mail at zl2hu@clear.net.nz



QSL DEPT.

BV9G..... Bill Chen
..... P.O. Box 222
..... Taitung 950
..... TAIWAN

**S O F T W A R E /
C O M P U T E R S
D E P T**

For you IOTA chasers there is a great site in Japan with plenty of photos and great IOTA info regarding planned operations, completed operations and QSL routes. A lot of it

is in Japanese but there's enough in English to make a visit to the site worthwhile:
www3.ocn.ne.jp/~iota/

FROM THE DXCC DESK

Lots from ARRL HQ this month. I would like to particularly point out the policy statement on electronic QSLs. There has been some confusion recently on the HQ stance on this matter. So, I thought it important to include the HQ press release below in its entirety.

OPERATIONS NOW ACCEPTED

The operations listed below have all been on hold awaiting supporting documentation. This has now been received and upon review they are now being accepted for DXCC credit.

- TI9M - dx-pedition to Cocos Island.
- VP8THU - South Sandwich Islands (18 Jan 2002 - 22 Jan 2002)
- VP8GEO - South Georgia (26 Jan 2002 - 06 Feb 2002)
- ZK1TUG (North Cook Islands in 2001)
- ZK1ETW (North and South Cook Islands in 2001).
- XU7ABA and XU7ABB for Cambodia.

Anyone who having any of these rejected during recent submissions can contact DXCC at: dxcc@arrl.org for an update to their record. Or, it can be sent with the next submission for credit.

ELECTRONIC QSL POLICY

Here's some important news from HQ regarding eQSLs:

**ARRL NEWS RELEASE
March 7, 2002**

Recent discussion regarding the QSL service offered by eQSL.ccTM suggests that there is some confusion about ARRL QSL policy. Simply put, there has been no change in League policy regarding eQSLs. ARRL does not accept QSLs that have been transmitted to the recipient via electronic means for its awards. Anyone, acting as an authorized QSL manager, however, may receive logs via email (or any

other direct means) and send QSL cards, via post mail, to recipients. This is the traditional QSL manager process. As has always been the case, certain norms are expected when handling cards in this manner.

First, we expect that a QSL manager will seek permission from operators for whom QSLs are handled. We do not accept cards from unauthorized QSL managers for DXCC credit. Such an authorization must be a pro-active choice of the DX station rather than an "opt out," default authority given to a bulk mailer.

Second, since most operators requesting QSLs expect that the returned cards will correctly reflect the actual QSO data, we expect that a QSL manager will do the checking required to assure that only real contacts are verified. We all know that raw logs contain many errors. A recent sample from a bulk-mailing QSL service show three out of five QSOs confirmed were not in the recipient's log. This is unacceptable. Often, these errors are only detected when incoming cards are compared to the log. The distribution of QSLs, without any checking of the information contained on the incoming cards, is poor QSLing practice, and may lead to blanket rejection of all QSL cards from the station/manager in question.

Also, we expect to be able to identify cards as authentic. Many cards are printed on home printers, and in many cases, the data is printed on card stock at the same time. Although this is technically acceptable, the process often makes verification difficult. In certain cases we may reject these cards. Cards should be personalized or otherwise made unique through the use of a stamp or other personal mark (signature or initials) across a label boundary.

Finally, the concept of obtaining a QSL card at no charge is a long-held tradition in ham radio and DXCC, and we endeavor to continue this tradition. QSL managers handling cards for DXCC submission must make cards

available if adequate postage is supplied. Postage can be supplied by sending IRCs, direct funds, or SASEs. We consider it an ethics violation if cards can only be claimed through payment of a fee, and thus we will not accept cards for DXCC credit for which a fixed charge is made. A number of well-known DXpeditioners and QSL managers do not accept bureau cards, but we are not aware of any cases where a card will not be forthcoming if adequate postage is provided.

For its awards, the ARRL does not accept electronically transmitted QSLs that are printed by the recipient. There is no restriction placed on how log information is conveyed to an authorized QSL manager, however. Cards provided by QSL managers who make a reasonable effort to comply with the guidelines presented here will be gladly accepted for DXCC credit.

DXCC YEARBOOK

The 2001 DXCC yearbook is currently being assembled. We expect the yearbook to be ready for mailing sometime in late May or early June 2002.

The period for the Annual List in this issue is from October 1, 2000 to September 30, 2001. If you submitted an application postmarked during this period and you are a current ARRL member, you are entitled to one free copy.

You are also entitled to one free copy if you qualified for the DXCC Honor Roll during this period and were an ARRL member, even if you did not submit an application.

If you are entitled to a free copy of the DXCC Yearbook, one will be mailed to you automatically. You do not need to do anything to receive this copy.

If you are not entitled to a free copy, but would like one, you may order copies from the DXCC Branch for \$5.00 each, postpaid. Orders may be placed after June 1, 2002. We wish to thank you all for

your continued support for the DXCC Program!
Bill Moore NC1L
DXCC Manager



For tracking purposes the top IOTA numbers currently are as follows (Note: 2 additions each to Asia):

Africa.....	AF-091
Antarctica	AN-018
Asia.....	AS-162
Europe	EU-188
North America	NA-221
Oceania.....	OC-248
South America	SA-091
Total IOTA's	1019

Information

EU-032 F5HPY/p was on from Re Island.
EU-064 F8BIQ/p was on from Yeu Island.
OC-244 DU1/G0SHN was on from Verde Island. QSL via F6AJA.

Upcoming

AS-093 A group of operators from Korea plan to be active with two stations on 10-40 meter CW and SSB from the Huksan Islands from April 4th to 7th.

*** Keep the lists I supplied recently with the Newsletter up to date by adding asterisked IOTA's to the appropriate sections.)**

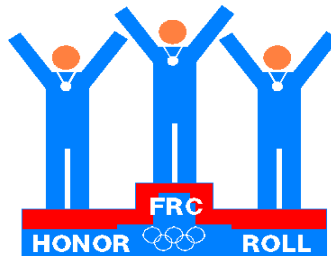
"S"pecial "S"alute

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:856-227-1298
n2ss@n2ss.com
argargano@comcast.net



APRIL

CONDUCTED BY N2SS

2002

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
N2TK.. 323	K2FL...333	K2FL...322
K2FL..... 319	N2TK..... 329	N2TK..322
N2LT..... 308	K2JLA..... 328	N2LT..... 314
W8FJ..... 284	N2LT..... 327	W3BGN... 296
K2RW..... 281	W3CF..... 323	N2SS..... 285
W3BGN... 274	K2RW..... 316	K2JLA..... 284
W2YC..... 258	W3BGN... 313	K2RW..... 280
WA2VYA. 253	N2SS..... 305	W3SOH... 259
K2PS..... 251	W8FJ..... 284	WT3W..... 246
N2SS..... 247	WA2VYA. 277	W2YC..... 245
K2JLA..... 237	W2YC..... 274	WA2VYA. 243
K3II..... 222	K2PS..... 266	K2PS..... 240
W3SOH... 212	W3SOH... 261	KS3F..... 217
W2LE..... 205	WT3W..... 259	W8FJ..... 216
KS3F..... 166	W3OV..... 234	N1RK..... 195
AA2WN... 164	K3II..... 233	K3II..... 195
WT3W..... 151	N1RK..... 224	W3CF..... 192
W3OV..... 150	KQ3F..... 217	KQ3F..... 172
W2YR..... 120	KS3F..... 206	W2YR..... 171
K2JF..... 111	W2LE..... 196	W2LE..... 161
NA2U..... 103	W2YR..... 188	W3OV..... 160
KQ3F..... 96	K2JF..... 168	NA2U..... 138
AB2E..... 87	NA2U..... 155	K2JF..... 135
K2NJ..... 76	AA2WN... 102	AB2E..... 61
N2VW..... 67	K2NJ..... 80	K2NJ..... 37
K2BU..... 65	K3GYS... 73	N2VW..... 25
K2WJ..... 28	AB2E..... 66	K3GYS... 26
W3CF..... 27	N2VW..... 63	AA2WN... 19
N2MT..... 15	K2WJ..... 40	K2WJ..... 17
K3GYS..... 8	N2MT..... 26	N2MT..... 6
N1RK..... 3	KB3FEE... 3
KB3FEE... 1

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 or your total for 80,40,20, 15 and 10 for 1.5K Club. Countries do not count until HQ Awards Committee takes official action and announces a start date for a new country.

160 Meters

W3BGN288	KS3F..... 124
AA1K..... 279	K2PS..... 97
K2BU..... 256	K2RW..... 82
WT3Q..... 245	W2YR..... 80
N2TK..... 234	N2VW..... 74
N2LT..... 232	NA2U..... 73
K3NW..... 228	W3CF..... 69
K3SX..... 210	N2SS..... 67
W8FJ..... 185	K3NL..... 62
K3NZ..... 167	K2NJ..... 49
K3JJG..... 165	K2JLA..... 35
W3OV..... 163	KB3FEE... 38
N3RS..... 156	N1RK..... 36
K3II..... 149	KQ3F..... 34
NO2R..... 144	W2LE..... 27
W2YC..... 140	AA2WN... 25
WA2VYA... 140	K2JF..... 20
K3NM..... 140	N2MT..... 14
K2FL..... 135	K3GYS..... 12
WT3W..... 125	W3SOH... 10
.....	K2WJ..... 3

W3BGN continues as the undisputed
Top of Top Band.

Digital

W2UP.....332	W2LE..... 81
N2LT..... 325	K2JF..... 57
W3SB..... 245	WA2VYA... 50
K2PS..... 240	N1RK..... 43
K2RW..... 222	N2SS..... 42
K2NJ..... 196	N2MR..... 28
AA2WN... 162	KQ3F..... 23
W2YC..... 157	K3GYS..... 15
WT3W..... 151	K2WJ..... 12
W2YR..... 121	W8FJ..... 12
W3CF..... 100	N2VW..... 7



1.5K Club

K2FL..... 1703	KS3F..... 1375
W3BGN 1684	WT3W..... 1361
N2TK..... 1671	K2JF..... 1350
N2LT..... 1658	W3SOH... 1350
W2UP 1626	K2NJ..... 1345
W8FJ 1573	AA2WN... 1295
K2RW 1566	NA2U..... 1295
K2BU 1550	N1RK..... 1240
N3RS..... 1493	N2VW..... 1240
N2SS..... 1491	WT3Q..... 1162
K2PS..... 1468	K2WJ..... 1161
W2YC..... 1461	W2LE..... 1115
NO2R..... 1429	W2YR..... 1110
K2JLA..... 1428	K3NM..... 1107
WA2VYA... 1399	W3CF..... 1077
KQ3F..... 1384	N2MT..... 719
N3RD..... 1382	KB3FEE... 231



MOBILE DX

W2YC..... 265	K3GYS..... 136
N2SS..... 232	AA2WN... 125
AA1K..... 227	WT3Q..... 107
N2MR..... 180	KB3FEE... 48
K2JF..... 150	W2YR..... 21

W2YC is safely ensconced **MOBILE #1**



Islands On The Air

K2FL..... 922	KS3F..... 263
K2JLA..... 854	N2VW..... 250
W3SOH... 743	K2WJ..... 223
N2SS..... 683	W2YR..... 216
W8FJ..... 527	WT3W..... 203
W2YC..... 466	W3CF..... 200
N1RK..... 464	K3GYS..... 111
W2YC..... 456	KB3FEE... 23



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

In This Issue

ARRL DX TEST SCORES

CQ 160M TEST SCORES

AWARDS INFO

FRC ANNUAL FUND
DRIVE

AND MUCH MORE!

**Deadline for May issue:
Sunday, April 28**

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