



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

October 2004:

- 2-3 California QSO Party
- 2-3 Oceania DX Test, Phone
- 9-10 Oceania DX Test, CW
- 9-10 Pennsylvania QSO Party
- 12 FRC Main Meeting, Phila**
- 12 Remy Meeting B**
- 21 T.I.T.S. Meeting, Noon**
- 26 Remy Meeting B**
- 30-31 CQ WW DX Test, SSB**

November 2004:

- 6-7 ARRL Sweepstakes, CW
- 9 FRC Main Meeting, Phila**
- 9 Remy Meeting B**
- 13-14 WAE DX Contest, RTTY
- 18 T.I.T.S. Meeting, Noon**
- 20-21 ARRL Sweepstakes, SSB
- 23 Remy Meeting B**
- 27-28 CQ WW DX Test, SSB**

December 2004:

- 3-5 ARRL 160 Meter Contest, CW
- 11-12 ARRL 10 Meter Contest
- 14 FRC Main Meeting, Phila**
- 14 Remy Meeting B**
- 16 T.I.T.S. Meeting, Noon**
- 28 Remy Meeting B**

CHANGES

Email

K300
Rick Saeger
k300@k300.com

Deadline for November issue:

Sunday, October 24, 2004

President's Column

Once again I want to thank all the members that put in the effort for us to win the ARRL CLUB COMPETITION. It was great to see the club come together as a team! Now our focus should turn to the CQWW contests and thought of how we might win these events. It's been 6 years since the club has won CQWW SSB and CW contests and I would really like to see this change. It will require a bigger effort from the club members than we demonstrated for the ARRL last year. We have a strong chance of winning, but it will take participation by every member to do so.

I know some members do not like SSB and some do not like CW. However, if we are to win, we need to put these feeling aside and do both modes to our maximum ability. We will need every extra point we can make. I would like to suggest that this year all **FRC** members concentrate on winning both modes of the CQWW as our primary goal. Let's satisfy the requirements of the by-laws by making CQWW SSB and CQWW CW the two major contests we all elect to do. Winning is a matter of attitude and effort from each of us. Token efforts as in the last six years just will not make us #1.

It will be a big help to the CLUB and CLUB members if everyone will advise Doug at w3cf@comcast.net or me at k3nm@ptd.net where you will be operating from for CQWW SSB and CQWW CW. This will allow us to know the total members who plan to do the contest as well as letting the members know where everyone will be located. I hope each member will agree that this is not too much to request on behalf of the **FRC**.

73, Joe K3NM/V47NM

Tip from the FRC Reflector

Q: Does anyone know of a CW pileup trainer that can be used with WinXP?

A: I'm told that Pilemania will work with XP. Actually, they've only tested it with XP. Check it out:

http://www.geocities.jp/yasushi_hashi/pilemania/index_e.html

also

http://www.bavarian-contest-club.de/contest/ped/ped_eng.html

MEETINGS

Main Meeting in Philadelphia

The main monthly meeting of the **Frankford Radio Club** will be held Philadelphia on Tuesday, October 12 at 8 PM. Location is Rosenburger Hall, Room 102 at the University of the Sciences.



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

Rexy Meeting B—The Rexy's **FRC Meeting B** meets about 8 PM on the second and fourth Tuesdays of each month..

— . . . —

2004 FRC Fund Drive

The following is an update of members who've recently contributed and have not yet been listed:

KC3WX, N3ONM



Work Wanted:

THE TIME TO GET READY FOR CONTEST SEASON IS NOW

Experienced climber available to perform antenna and tower maintenance.

Remove/install antennas, repair feedlines, rotator replacements, guy wire renewal, expert tower painting, and new tower installations or replacement. Reasonable hourly rates.

Contact: John Crovelli **W2GD**

W2GD@hotmail.com

908 996 3043 (Home Office)



Hygain 203BAS 3 ele 20M Yagi \$Ask

Hygain 153BAS 3 ele 15M Yagi \$Ask

Hygain 103BAS 3 ele 10M Yagi \$Ask

Contact John **W2GD** at w2gd@hotmail.com or call 1 908 996 3043

FRC CQWW CONTEST ROSTER

Ops needed at N2MM, NE3F. These stations need HELP! PLEASE ASK!!! FULL ON THE JOB TRAINING PROVIDED! If you need a seat step up and ask! Please finalize your plans and forward to Doug, **W3CF**, ASAP.

Remember: That coveted "Grand Slam" Wallpaper is at stake here. Not to mention a World Championship.

CQWW CONTEST ROSTER

DXpeditions: V26B, AB2E/MD, V26K, AB2E/3A, WP2Z, V31FU, V26DX, VP5T, PJ4M, P40W, V47KP, VP2M

Call	SSB	CW	Call	SSB	CW	Call	SSB	CW
1) W2GD	@P40W	@P40W	16) W2OF	@VP5T	@N2VW	31) N2KEN	@V26B	?
2) W3CF	@V26DX	@W3CF	17) N2VW	@VP5T	@N2VW	32) W2SN	@V26B	?
3) N3RD	@N3RS	@N3RS	18) N3RS	@N3RS	@N3RS	33) W3BGN	@W3BGN	@W3BGN
4) AA3B	@AA3B	@V26K	19) WA2VYA	@VP5T	?	34) K2DM	@K2DM	@VP2M
5) K3ND	@W3GM	@K3ND	20) K3TEJ	@K3TEJ	@WP2Z	35) W2YC	@W2YC	@W2YC
6) AB2E	@3A/AB2E	@AB2E/MD	21) K3CT	?	@WP2Z	36) AA2WN	@W2YC	@W2YC
7) W8FJ	@N3RS	@N3RS	22) K2QM	?	@PJ4M	37) AA1K	@AA1K	@AA1K
8) N2TK	@WP2Z	?	23) N3OW	@NE3F	?	38) K3YD	@N3MX	@N3MX
9) K2UT	@K2UT	@K2UT	24) N3MX	@N3MX	@N3MX	39) WF3H	@N3MX	@N3MX
10) N3DXX	@N3AD	@V31FU	25) K3VA	?	@WP2Z	40) K3WW	@K3WW	@K3WW
11) NA2U	@NA2U	@NA2U	26) W2OX	@V47KP	@V47KP	41) KQ3F	@KQ3F	@KQ3F
12) N3ED	@N3RS	@N3RS	27) K3NM	@V47KP	@K3NM	42) W2YR	@W2YR	@HS0ZDJ?
13) K2TW	@WP2Z	@K2TW	28) W2RDS	@W2RDS	@W2RDS	43) KQ2M	@KQ2M	@KQ2M
14) KA2AEV	@V26B	?	29) K2PS	@K2PS	@K2PS	44) N2KN	@N3KN	@N3KN
15) W3FV	@WP2Z	@W3FV	30) W2RE	@W2RE	@W2RE	45) NU2W	@NU2W	?

Send all updates to Doug, **W3CF**, at 215-361-9989 or w3cf@comcast.net

Team Antigua

Team Antigua will ride once again into action to activate **V26B** on the Beautiful Island Nation of Antigua and Barbuda in the 2004 running of the CQWW SSB Contest on October 30th & 31st. Our plans are to enter the Multi-operator/Two-transmitter category. You can see a complete station description, with photographs and rate charts, at <http://n3oc.dyndns.org/v26b/>. Thanks to Brian, N3OC (aka V26OC) for doing this great service for his teammates!!!

Our Grid Square is FK-97 and IOTA Number is NA-100. Members of Team Antigua will also make special attempts to be active on RTTY, PSK31, 160 meters and the WARC Bands a few days both before and after the contest. There is also a possibility of some satellite operations on AO-7 and AO-51 with time & orbital conditions permitting! Our operators will begin to make their presence felt on all bands starting on or about October 26th until about November 3rd.

Please be advised that QSL Requests for V26B Should NOW be directed to KA2AEV Direct only at this time. We cannot guarantee a timely response for QSLs received via the Bureau route!

The Members of Team Antigua and their Callsigns

V26A Dale, **N3BNA** QSL Via WB3DNA

V26B Sam, **WT3Q** QSL Via KA2AEV

V26EM Ed, **W2SN** QSL Via W2SN

V26G Ed, **N2ED** QSL Via N2ED

V26KEN Ken, **N2KEN** QSL Via N2KEN

V26OC Brian, **N3OC** QSL Via N3OC

V26OX Kevin, **K3OX/2** QSL Via K3OX

V26R Mike, **KA2AEV** QSL Via KA2AEV

As well as a few new members who will announce their QSL routes when their Antiguan Callsigns become finalized

P40W

CQWW PH P40W by **W2GD** SO Entry Class TBD CQWW CW P40W by **W2GD** SO Entry Class TBD

QSL both operations via N2MM

CQ WW CW from VP2M

George, **K2DM**, will be operating multi-single from VP2M with his younger brother Peter, **K3ZM**. They have not yet received their licenses, so the call sign isn't known (maybe by the November issue).

FRC 2003-2004 CONTEST SEASON RECAP

Rank	Call	CQ SSB	CQ CW	ARRL SSB	ARRL CW	Total
1	W2GD	13,053,872	8,979,740	2,439,612	4,835,835	29,309,059
2	K3WW	4,095,205	7,194,807	3,382,256	6,171,740	20,844,008
3	N2NT	3,598,476	10,497,494		6,423,600	20,519,570
4	KQ2M	6,851,926	5,418,374	1,915,000	4,250,358	18,435,658
5	K2NG	4,374,575	5,578,208	2,478,762	5,256,720	17,688,265
6	AA3B	2,834,736	8,666,439	1,674,162	4,359,696	17,535,033
7	W2OX	5,225,000	4,489,870	3,444,669	3,217,306	16,376,845
8	W3BGN	3,678,516	5,029,624	2,917,252	4,675,348	16,300,740
9	N2LT	3,451,008	5,936,982	2,066,778	4,388,640	15,843,408
10	AA1K	2,767,360	5,495,332	3,375,594	3,701,808	15,340,094
11	N3RS	3,480,232	4,915,072	2,386,666	3,710,638	14,492,608
12	WE3C	3,976,742	1,780,100	5,460,918	2,202,308	13,420,068
13	N3AD	2,752,180	4,568,148	1,493,130	4,142,964	12,956,422
14	N2MM	3,608,890	4,377,780	1,995,776	2,370,124	12,352,570
15	W3FV	4,729,755	2,769,480	1,637,280	3,176,356	12,312,871
16	W2UP	1,212,984	8,169,904	720,630	2,035,684	12,139,202
17	K3NM	5,225,000	707,832	3,444,669	1,082,736	10,460,237
18	N2TK	4,729,755	783,150	4,564,875		10,077,780
19	NA2U	1,979,376	3,801,420	1,335,516	2,857,476	9,973,788
20	KQ3F	1,740,116	3,065,026	1,581,480	3,457,482	9,844,104
21	N2ED	3,265,317	1,007,060	704,364	4,720,000	9,696,741
22	K2QM	1,675,000	4,074,720	2,478,762	1,371,168	9,599,650
23	K2TW	553,200	3,793,116	2,478,762	2,337,674	9,162,752
24	W3PP	1,935,344	3,097,632	1,322,372	2,608,200	8,963,548
25	NO2R	2,502,546	3,538,332		2,586,480	8,627,358
26	KF3B	1,740,116	2,457,536		4,386,426	8,584,078
27	K3NZ	4,729,755	1,665,006	807,652	1,273,172	8,475,585
28	K3MD	1,454,024	2,284,074	600,000	3,940,944	8,279,042
29	K3TEJ		7,575,060	435,024		8,010,084
30	N3RD	1,740,116	3,199,350	1,193,333	1,855,319	7,988,118
31	KQ3V	1,988,371	102,830	5,460,918	44,544	7,596,663
32	K3OO	1,060,323	5,508,392	246,453	638,526	7,453,694
33	N3DXX	1,376,090	3,237,000	746,565	2,071,482	7,431,137
34	K2DM	1,957,123		376,290	4,732,000	7,065,413
35	WW2Y	1,799,238	5,000,000			6,799,238
36	N3NA	1,312,464	2,701,188	1,193,333	1,528,276	6,735,261
37	NN3Q	847,912	1,600,000	1,741,884	2,400,000	6,589,796
38	K3ZV	1,376,090	2,284,074	746,565	2,071,482	6,478,211
39	W2EN	964,000	2,950,000	1,142,384	1,099,632	6,156,016
40	W1GD	128,330	2,350,580	1,279,080	2,230,784	5,988,774
41	K3ND	1,786,962	1,782,144	845,676	1,524,108	5,938,890
42	W2RE	5,893,476				5,893,476
43	K2OWE	3,171,996	757,552	1,091,750	832,962	5,854,260
44	WA2VYA	4,600,000			1,109,660	5,709,660
45	W8FJ	126,364	2,457,536	1,227,005	1,855,319	5,666,224
46	N2RM		2,445,164	213,448	2,725,196	5,383,808
47	K2SG		2,024,928	1,009,700	2,343,456	5,378,084
48	N2VW	4,600,000		324,404	437,344	5,361,748
49	W2RQ	1,930,000	3,199,350			5,129,350
50	K3PH	780,827	3,400,306		929,736	5,110,869
51	N3RG		2,284,074	746,565	2,071,482	5,102,121
52	K3II		2,455,194		2,557,600	5,012,794
53	N3ZA	1,940,624	1,067,040	944,622	898,320	4,850,606
54	N3ED	1,740,116		1,193,333	1,855,319	4,788,768
55	NE3F	1,501,184	1,099,444	880,826	1,226,480	4,707,934
56	K3IPK	1,376,090	1,227,597	746,565	1,278,800	4,629,052

FRC 2003-2004 CONTEST SEASON RECAP

Rank	Call	CQ SSB	CQ CW	ARRL SSB	ARRL CW	Total
57	K3CP	1,359,788	1,460,104	744,534	1,056,912	4,621,338
58	N2AA	2,212,421	2,022,222			4,234,643
59	W3CF	1,845,476	1,279,586	318,348	632,668	4,076,078
60	K3FT	967,672	1,548,816		1,304,100	3,820,588
61	N2NC	1,799,238	1,878,945			3,678,183
62	AB2E	199,448	2,468,500		892,712	3,560,660
63	W2UDT	3,265,317			267,444	3,532,761
64	N3BNA	1,414,091	875,856	411,956	813,344	3,515,247
65	W2CG	964,000	808,400	571,192	1,099,632	3,443,224
66	N2NU	3,350,000				3,350,000
67	W2SN	3,265,317		1,080		3,266,397
68	KA2AEV	3,265,317				3,265,317
69	W3RJ	76,194	497,750		2,670,138	3,244,082
70	KN5H	3,237,000				3,237,000
71	N1RK	1,677,896	845,420		523,876	3,047,192
72	W2NO			571,192	2,199,264	2,770,456
73	N3HUV	967,672	1,548,816			2,516,488
74	NW3Y	967,672	1,548,816			2,516,488
75	N3KN	602,072	1,022,610		869,460	2,494,142
76	N2MR	1,227,988	779,332	473,500	9,828	2,490,648
77	W2TV	1,512,568		972,720		2,485,288
78	N2EA	968,745	518,752	972,468		2,459,965
79	K3CT		282,000	844,272	1,278,800	2,405,072
80	KD3TB	1,845,476	42,556	426,018		2,314,050
81	WB4FDT	967,672			1,304,100	2,271,772
82	N2WKS	1,675,000	300,000	147,618	144,648	2,267,266
83	KW3Z		1,548,816	661,186		2,210,002
84	K2PS		1,971,936		176,526	2,148,462
85	W3MF	1,561,654		582,096		2,143,750
86	W3AP	388,310	396,748	302,574	1,035,964	2,123,596
87	AB3AH	1,376,090		746,565		2,122,655
88	W2LE	212,296	841,590	201,376	826,884	2,082,146
89	N3RJ	649,446	564,524	220,148	602,352	2,036,470
90	N3KR	579,922	807,488		636,120	2,023,530
91	W3SZ	1,988,371				1,988,371
92	NX3A			661,186	1,304,100	1,965,286
93	WA2C	1,344,288		618,240		1,962,528
94	W2YR	1,211,904	613,720		69,975	1,895,599
95	K3WU				1,855,319	1,855,319
96	W3BYX	502,008	733,708		615,966	1,851,682
97	N3MX	714,680	1,540	675,740	456,288	1,848,248
98	KD3RF	1,845,476				1,845,476
99	N4HY	1,799,238				1,799,238
100	W3ZL	750,592	549,722	440,413		1,740,727
101	WA3LRO	1,740,116				1,740,116
102	KB3TS	587,330		329,072	811,314	1,727,716
103	K3JG	535,284	208,880	427,770	519,840	1,691,774
104	N3NR	841,796	109,582	167,400	537,852	1,656,630
105	N3KW	967,672		661,186		1,628,858
106	AA2WN	300,000	613,341		700,161	1,613,502
107	W2RDS	833,536		618,240	160,380	1,612,156
108	KB3MM	366,000	603,616	119,064	505,424	1,594,104
109	K3OOO	1,060,323		492,906		1,553,229
110	W2YC	206,736	613,341		700,161	1,520,238
111	W3FVT	450,262	277,940	434,700	303,150	1,466,052
112	WK2W	24,174	136,324		1,304,100	1,464,598

FRC 2003-2004 CONTEST SEASON RECAP

Rank	Call	CQ SSB	CQ CW	ARRL SSB	ARRL CW	Total
113	W2RD	726,816	482,570	95,352	125,334	1,430,072
114	ZP5MAL	1,414,091				1,414,091
115	N2VV				1,362,598	1,362,598
116	W3BG		1,063,952		272,460	1,336,412
117	KD3CN			823,912	406,672	1,230,584
118	WF3H		1,227,597			1,227,597
119	K3VA	188,352	417,240	68,644	528,984	1,203,220
120	NT3V	750,592		440,413		1,191,005
121	K2GN		665,404	365,572	151,470	1,182,446
122	K3ATO		127,514	440,413	613,240	1,181,167
123	K3JGJ		1,126,480		41,820	1,168,300
124	WB3CIW	800,384		363,750		1,164,134
125	KS3F		549,722		613,240	1,162,962
126	W3GK	1,044,496				1,044,496
127	W3EA	734,558	115,200	172,386		1,022,144
128	W6XR		992,404			992,404
129	N2BA		988,788			988,788
130	W3QU	967,672				967,672
131	N2SS	533,334			410,130	943,464
132	K2WJ	481,990	404,200			886,190
133	NQ3N			290,430	535,500	825,930
134	W3KV	72,220	300,204	67,068	338,514	778,006
135	KB3GWY	750,592				750,592
136	K3JLK	475,396		236,742		712,138
137	KU3X	280,840	120,582	307,584		709,006
138	W3CC	677,460				677,460
139	K2UT	104,860		331,696	192,072	628,628
140	K2SB				571,710	571,710
141	K3YD			337,870	228,144	566,014
142	K2JF			545,875		545,875
143	KD2HE			163,986	323,010	486,996
144	NB3I				406,672	406,672
145	N2AB	184,786	63,496	156,748		405,030
146	W3BEN	35,112	144,522	57,750	132,128	369,512
147	K2NJ		355,000			355,000
148	K3FMQ	117,468		213,009		330,477
149	WA3RHW			241,488	88,776	330,264
150	K3BU		298,200			298,200
151	K3ZA			141,360	141,360	282,720
152	KD2I				267,750	267,750
153	N2MT	266,667				266,667
154	NU2W	245,254				245,254
155	N2CY			219,212		219,212
156	W2OF				218,672	218,672
157	K3NL			14,904	114,390	129,294
158	N2CQ		5,880		115,884	121,764
159	W3IZ	40,810		78,657		119,467
160	N2VM	3,472	29,108	30,480	30,860	93,920
161	N3QQ	87,616				87,616
162	NR2NR				72,306	72,306
163	N9GG			26,564	5,880	32,444
164	K3JJG				21,412	21,412
165	N3RW	5,732	15,262			20,994
166	K3GYS	8,476				8,476
167	NZ3O				5,548	5,548
168	AB1P	5,152				5,152

The California QSO Party by John W. Thompson MD K3MD

No discussion of minor contests would be complete without the mention of the California QSO Party. This is the number one state QSO party in the USA. There are others, such as the PA QSO Party, which are also popular, but not to the same extent. For instance, when I started operating the PAQP with computer logging, the CQP was already offered by CT by K1EA, but the PAQP was not.

Going to the website www.cqp.com, you will find a very illustrative graph of how this contest has grown in recent years. My own strongest recollection of this contest is operating it while commuting from just north of the Allegheny River down to McKeesport on a Sunday. I was driving to work while on duty in Pittsburgh, running 25 watts mobile into a 4 foot whip on 10 meters in 1988. This contest is fun.

Around 10 years or so ago, the NCCC, the sponsoring organization, offered a free plastic wineglass to all entries with over 100 QSO's. Mine is labeled CQP '93, with Force 12 and HRO as sponsors. Unfortunately, they lost their shirt on this offer, so it is no longer available. There are still free bottles of California wine for top scorers only, however. You can get a very nice T-shirt for a nominal charge. The Nittany ARC (sponsor of the PAQP) is following suit on the T-shirts. PAQP has been working on 100-Q mugs for a long time.

This contest is generally just preceding the PAQP. There is quite a bit of activity, and getting the required 100 Q's for a T-shirt is not that tough, taking generally around 2 to 3 hours maximum.

Prior to operating the contest, make certain to review the abbreviations for the California counties as they are extremely tricky at times. This contest has a 2/3 SSB/CW point value, so it is not as drastic as FD or the PAQP. There generally are around 2 times or more the SSB than the CW contacts, as seen on the web site. The contest runs 1600Z Sat. until 2200Z Sunday with no built-in rest period. A minor contribution gets your results mailed to you via snail-mail just before the next year's contest.

I would hate to say anything positive about the NCCC to this group, but this is an extremely well-run state QSO party, and there are always stories about this event is the hospitality room at Dayton. So, get in and have some fun!

The Pennsylvania QSO Party by John K3MD

No discussion of "minor" contests would be complete without some mention of the Pennsylvania QSO Party. This has evolved under the direction of the Nittany ARC from a very obscure contest to the second most popular state QSO party. A large part of this was done under the direction of W3HDH, now retired.

As you would expect, the PAQP multi-multi and club records are held by the **FRC**. The nicest things about this contest are that everyone is calling you and that the contest has a built-in 8 hour sleep window, which is excellent.

I personally had not operated this contest in 20 years, except from my boat on the Allegheny river, until the mid-90's. When I did return, I was very surprised to find how popular it was. It has been dominated in-state, single-op, by **K3NM**, who just barely topped out **AA3B**. Top EPA and WPA slots, high power, low power, and QRP are very competitive. Bobby **NW3C** held the QRP record for many years, to be edged out by a hair by **K3TEJ**.

The exchange is very easy, and the multipliers are not that tough to find. CW counts 1.5 times, 80/160 CW counts 2.0 times. Writelog has an excellent package for this, as well as a free program available from KA3JWE via the URL named on the PAQP website www.nittany-arc.org/paqso.html. NA also has a package. It is no longer necessary to modify a copy of CT to operate the contest by rewriting the SS multiplier list, and the modern programs count up the counties and also give you credit for EPA and WPA. Wonderful! Of course, N3FJP also has a good program for this contest, avail-

CONTESTING — TIPS, TECHNIQUES, RESOURCES

able for very low cost from his website www.n3fjp.com.

It is best to try to operate all bands, but remember to stay on CW a lot unless you are an ace SSB operator. Just call CQ. Hunt and peck if and when it gets slow.

County records are asking to be made. W3TDF has 7; I have 4. **FRC**'ers holding records include **K3ANS**, **K3NM**, **N3AD**, **KQ3F**, **AA3B**, **K3WW**, and some others probably I am missing. This is one contest you can put out maximum effort and still go to work fresh on Monday. My first record high QSO rate for a domestic contest, 118, was made in this contest on 40 SSB Sunday morning by my daughter Liz, N3NWN, calling CQ.

Multiple plaques are available every year. One hundred QSO's gets you a mug and T shirts are now available. The cost of these items is nominal, especially when you know you must have 2 or 6 on your operating desk for ham radio demonstration purposes. A new plaque for working all PA counties has been available the past 2 years. Working all counties in the contest can be harder than getting a clean sweep in the SS, though. There are usually a few tipsters to help you out with the last 2 counties, usually on Sunday afternoon on 40 SSB with extremely weak signals. The mobile category in this contest is very competitive, with the current record held by W3USA. There is a new rover category, which is getting more popular.

If you haven't operated the Pa QSO party recently, the loss is yours. This year it's October 9-10. If you know a lot of hams around the state, this is your contest for working old friends. I have worked Ron WN3VAW now every year since 1994, having met him in 1977. The same, of course, is true of John AD8J.

FRC Claimed Scores Worked All Europe Contest, CW					FRC Claimed Scores Worked All Europe Contest, SSB				
N3RD(@N3RS)	1,964	1,952	179	1,823,924	KQ2M	2,338	2,278	435	2,001,435
NO2R	1,661	1,656	169	1,425,450	K3WW	1,382	1,306	118	756,742
N2NC(@N2RM)	1,794	1,793	188	1,728,934	N3RD	1,071	1,000	339	699,357
K3WW	1,086	1,080	141	776,158	KQ3F	1,190	1,175	108	569,724
KQ3F	1,209	1,198	134	774,088	W2UP	727	726	109	378,972
K3OO	650	649	112	331,245	NO2R	553	549	100	254,100
W2UP	212	209	71	72,412	K3OO	389	381	87	170,940
					KD2HE	133	129	51	28,296

<http://www.qsl.net/lz1jz>





Notes From Your Editor

The Fall/Winter contest season is now upon us. Don't forget that all those upcoming contests offer an excellent opportunity to increase your band totals and 1.5K Club and other FRC Honor Roll listings. Contests offer a great opportunity particularly to increase those 40, 80 and 160 Meter totals. DXpeditions and some of the rarer DX not usually on those bands can readily be worked during a contest. Also, if you are chasing that most elusive of all DX awards, CQ Magazine's 5BWAZ award, contests offer a great opportunity to pick up those rarer low band zones. So, make sure you get on for however little you are able or as much as you can - your effort will not only help to push FRC over the top but gives you the opportunity to enhance your FRC Honor Roll standing and other DX totals.

NO MORE LABELS!!

I have been falling behind in my QSL chores (as I am usually want to do!) and needed to print out about 1500 cards. In the past my approach has always been to print out labels and then spend countless time peeling labels and slapping them on the backs of QSL cards. This time I decided to try something different. I use DX4WIN as my logging program and DX4WIN offers a lot of flexibility in its QSL label printing module.

I took advantage of this flexibility to format a printout design to print directly onto my FRC QSL cards. I was amazed how simple it was! After some work with a ruler, some calculations and some experimental printing, I was ready to roll. DX4WIN makes it so easy that literally I was ready to start printing

my QSL cards in only about 20 minutes.

My Epson printer takes a stack of cards that numbers 40 or so. So, I kept loading the printer, pulling away the stacks of printouts and the next thing I knew I had all of my QSL cards printed and ready to go - and, the great thing was no time-consuming labeling chore to worry about! Another nice thing about printing on the cards directly is that you can list a dozen or more QSO's with a given station. In the past, I maxed out at 3 QSO's per label based on the label stock I was using. When you chase a DXpedition for band countries you can easily wind up with a heck of lot more QSO's than 3. But, printing directly on the card? No problem, print as many QSO's as you like - no more multiple labels.

If you haven't tried printing directly onto your QSL card, you owe it to yourself to give this work saving method a try. I highly recommend it.

LOOKING FOR A JOB?

ARRL is currently looking for a new COO to replace Mark Wilson who recently announced his planned retirement. I received an email from one of our Atlantic Division members asking me to consider applying for the position! Well, I was greatly flattered but with my first grandbaby due in December and my daughter and her husband residing in Philadelphia, I don't think I would be interested in moving to Connecticut! But, this could be an excellent opportunity for another FRCer who might be looking for a job and has the requisite qualifications. Could you just imagine - and FRCer as COO of ARRL?!?! I would love to see one of you guys go for it.

CURRENT OFFICIAL ARRL DXCC STATISTICS

Table with 2 columns: Metric and Value. Active Count: 335, Deleted Count: 58, Last Addition: VP6/D, Last Deletion: STØ

CHESTERFIELDS TXØ/C - DJ8NK, DJ9ON, DJ9RR, DK9KX, DL3KDV, DL5NAM and DL6JGN will be on major DXpedition from Oct 15th to 23rd (+/- 1 day). Operation will be on the following frequencies: 1826.5, 3504, 3799, 7004, 7055, 10102, 10124, 14029, 14195, 14080, 14225, 18080, 18120, 21029, 21295, 21080, 24900, 24940, 28029, 28445 and 50.123MHz CW, SSB and RTTY.

QSL for SSB and RTTY to: Chris Sauvageot, DL5NAM Guttenburg 19 91322 Graefenberg, GERMANY

For CW and 6m: Maike Voss, DL4XS Friedrichsthal 21 51688 WipperfuertH GERMANY

DX ALERT LEGEND box containing icons for 160 METER ALERT, IOTA ALERT, RTTY ALERT, and WARC BAND ALERT.

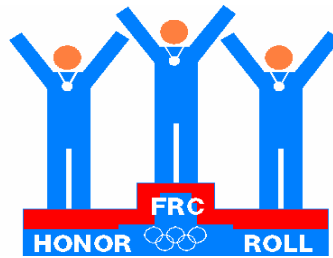
"S"pecial "S"alute

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 C:609-221-4899 n2ss@n2ss.com argargano@comcast.net



OCTOBER **CONDUCTED by N2SS** **2004**

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL.. 329	K2FL...335	N2TK ..327
N2TK326	N2TK 334	K2FL..... 326
N2LT313	N2LT 331	N2LT..... 319
W3BGN ...306	W3CF 329	W3BGN ... 311
K2RW296	K2RW 324	N2SS..... 301
W2YC287	W3BGN ... 324	K2RW 300
W8FJ286	N2SS 319	W3CF 282
N2SS281	K2PS 294	W2YC 272
K2PS275	W2YC 292	K2PS..... 265
W2UP227	W8FJ 290	W2UP 237
K3II222	W2UP 274	N1RK..... 230
N3RD216	N1RK 253	W8FJ 226
W2LE212	KQ3F 240	KQ3F 213
AA2WN...171	K3II 237	K3II 202
KQ3F161	NZ3O 214	K2NJ 190
NZ3O150	W2LE 202	W2YR 186
W2YR130	W2YR 194	W2LE 176
AB2E123	K2NJ 179	N3KN 176
K2NJ113	K2JF 168	NZ3O 167
K2JF112	NA2U 162	NA2U 154
NA2U105	N3KN 147	K2JF 135
N1RK86	K3ND 119	AB2E 92
N3KN85	AA2WN ... 116	K3GYS 30
K3ND76	AB2E 103	N2VW 27
N2VW71	K3GYS 85	AA2WN 20
W3CF55	N2VW 65	W2CG 1
K3GYS17		

K2FL and N2TK still duking it out for that elusive, 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

W3BGN291	K2RW 93
AA1K284	AB2E 87
N2LT244	W2CG 85
N2TK240	W2YR 80
K3SX224	N2SS 78
W8FJ199	NA2U 78
NO2R197	N2VW 77
W2UP183	W3CF 77
K3JIG181	K3NL 70
K3NZ172	K2NJ 59
W2YC165	KQ3F 47
K3NM156	N1RK 43
N3RS156	AA2WN 36
K3II149	K2JF 34
K2FL141	W2LE 28
K3ND136	NZ3O 13
K2PS102	K3GYS 12

W3BGN continues as the undisputed Top of Top Band.

DIGITAL

W2UP335	W2YR 122
N2LT329	K2JF 113
K2PS275	W2LE 85
W3SB268	N2SS 53
K2RW266	N1RK 42
K2NJ235	KQ3F 26
W2YC229	K3GYS 15
AA2WN187	W8FJ 12
N3KN165	

MOBILE DX

W2YC276	K3GYS 143
AA1K266	AA2WN 131
N2SS234	W2YR 21
K2JF150	

1.5K Club

K2FL..... 1706	K2NJ.....1406
W3BGN 1694	W3CF1403
N2TK 1685	AA2WN.....1369
N2LT 1676	K2JF1350
W2UP 1656	NA2U1335
K2RW 1610	W2CG1305
W8FJ 1588	N1RK.....1280
N3RS 1581	N2VW1258
W2YC 1527	K3CT1177
N2SS 1516	W2LE1141
NO2R 1511	W2YR.....1138
K2PS 1509	W3SB1132
N3RD 1500	K3NM.....1107
K3ND 1496	NZ3O.....1069
KQ3F 1429	N3KN1065
.....	AB2E1055

Islands On The Air

K2FL.....983	NZ3O259
N2SS 802	N2VW259
W2YC 574	W3CF253
W8FJ 573	W2YR.....230
N1RK 534	K3GYS202

6 METER DXCC

N2LT..... 106	N1RK.....57
K2NJ 100	N2SS.....55
AA1K 98	K2RW.....42
K2JF 94	W2YR.....41
K2PS 81	W2YC.....16
K3SX 75	AA2WN.....15
K3OO 71	K3GYS10
N3KN 61	



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

The Frankford Radio Club

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Email: kq3f@comcast.net

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

Home Page - www.gofrc.org

Meetings

Meetings are held on the 2nd Tuesday of each month (Sep through May) at 8 PM at the University of the Sciences, Philadelphia. Summer meetings are held at member homes (one Saturday/ Sunday per month).

Packet Cluster Contest/DX System

144.930 W3FRC
145.010 N3ED
145.650 K2TD
145.530 K3WW
145.530 AA1K
145.570 WT3Q
145.570 K2TW
145.590 N2NT
144.950 K3GYS
145.730 N2BIM
147.495 W3MM
145.670 W3PP
TBA W2JT

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