



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

May 2006:

- 6-7 ARI International DX Test
- 9 FRC Main Meeting, Phila**
- 9 Remy Meeting B**
- 13-14 CQ-M International DX Test
- 13-14 Mid-Atlantic QSO Party
- 18 T.I.T.S. Meeting, Noon**
- 19-21 Dayton Hamvention**
- 20-21 Baltic Contest
- 25-26 CQ WPX Contest, CW
- 23 Remy Meeting B**

June 2006:

- 13 Remy Meeting B**
- 17-18 All Asian DX Contest, CW
- 15 T.I.T.S. Meeting, Noon**
- 24-25 ARRL Field Day
- 27 Remy Meeting B**
- 30 FRC Open**

July 2006:

- 1 RAC Canada Day Contest
- 8-9 IARU HF World Champ.
- 9 FRC Summer Mtg, N3RD**
- 11 Remy Meeting B**
- 15-16 NA QSO Party, RTTY
- 20 T.I.T.S. Meeting, Noon**
- 25 Remy Meeting B**

CHANGES

Callsign Changes

Tony, **KG2MY** is now **W2WAS**
Olaf, **N3ONM** is now **W3PA**

Email Changes

W2WAS—w2was@msn.com
K3MD—jw105j@yahoo.com

Deadline for June issue:

Sunday, May 28, 2006

President's Column

It's getting nice outside again. It's time to get out and get all those jobs done that have been waiting for winter to end. Not only maintenance on antennas and towers, but on our homes as well. I know I have quite a few jobs that need tending before I can get to the radio jobs. Right now, I am off the air as I just had new windows installed and now I have to find a new path to bring the coax into the shack. I hope to be back on by the WPX CW on Memorial Day weekend. But, before that, I have to take care of repairs from the winter.

We have two summer meetings scheduled so far. The first is July 9th at **N3RD's** in Phoenixville, PA. The August meeting will be at **K2AX's** in Waterford Works, NJ. Mark, **K2AX**, lives on 12 acres and is building a very nice contest station. Mark is looking for input from the club he can use to optimize his station. This meeting will be on August 6th.

May is the month in which the club has its annual donation drive. I encourage you to give what you can to support the club's activities. The repeater, packet system and newsletter all require funding to keep them going.

It's been an interesting contest season for the bottom of the cycle. Hopefully, by this time next year, the cycle will be starting to build again and we can start looking for that first opening to Europe on 10 meters. This might be wishful thinking, but I'm an optimist anyway.

73 – John – K3ZV

2006-2007 FRC Officers

President - John Lindmeier, K3ZV
Vice President - Art Hitchens, N3DXX
Secretary - Rick Stoneking, W2RDS
Treasurer - Bob Shohet, KQ2M

MEETINGS

Main Meeting

The main monthly meeting of the **Frankford Radio Club** will be held Philadelphia on Tuesday, May 9 at 8 PM. Location is Rosenburger Hall, Room 102 at the University of the Sciences.



Note: Last Meeting at the College until September

T.I.T.S. meeting—The Trexlertown International Transmitting Society meets on Thursday, May 18 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.

Summer Meetings



Sunday, July 9—Dave, N3RD, Sponsored by Team N3RS

Sunday, August 6—Mark, W2AX



QST QST QST ::: FRC GOLFERS:::

This year's **FRC OPEN** golf outing will again be held at the Southmoore Golf Club. See www.southmooregolf.com for directions and information about the course. Lunch and a driving range are available at the course. This is the same location it has been held for the past three years.

Date is Friday, June 30, and the first tee time is Noon.

Contact **K300** at k300@k300.com if you are planning on attending.

Dinner at the same place as last year after the open.

Anyone interested in stopping by **K300**'s QTH after dinner is welcome to keep the party going.

2006 FRC Fund Drive



The 2006 **FRC** Annual Fund Drive is now officially underway. This issue should contain a stamped envelope for your contribution.

Here a few reminders when getting ready to make your annual contribution to help keep our club running...

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

Each year quite a few people forget to do at least one of the above and we lose some contribution checks. Also, some people make a much-needed contribution but then do not receive credit for making it. Clearly no one wants that, so **PLEASE** take a few extra seconds to make sure that you follow #1 - 4 before you mail the envelope.

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

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

As you know, these are contributions and not "dues" so there is no fixed rate. To set the scale, however, it may help you to know that the cost of operating the club last year was about \$45.00 per member

FRC Roster

Included in this issue is the current **FRC** roster. Please review your entry and submit all updates/corrections to k3ww@fast.net. Be sure Chas sends you a reply that he received your updates.

Chas can also email a text or Excel version to members any time they need one..

Special FRC Meeting at Dayton

Come join your fellow **FRCers** at a meeting (yes, it counts) lasting 3 nights. Location is the Crowne Plaza Hotel in the Contest Super Suite. Time is 8pm til ??? each night.

CONTESTING — TIPS, TECHNIQUES, RESOURCES

Reprinted with permission from the April 5, 2006 Contest Rate Sheet

Jim AD1C, Keeper of the Country Files has a new URL for them where they're easy to find: <http://www.contest-country-files.com/>.

Eugeni EA3QP contributes the URL for SH5 post-contest analysis software that runs under Windows OS (<http://rescab.nm.ru/>). It's a freeware software with a lot of useful options to give the contester an objective view of their results. Your editor wishes to remind the reader that in his view the contest is over when the operator stops making contacts. Changing the log afterwards based on analysis software is a very questionable practice. That said, using this software to evaluate your performance for improvement in the NEXT contest is a good thing - go for it!

For those wishing to submit operation announcements for the Fall 2006 CQWW DX contests, Bill NG3K has added the option for each on the drop-down list on the submission page at <http://www.ng3k.com/Contest/consuh.html>.

The results of the Worked All Europe DX Contest RTTY 2005 are out and published at <http://www.waedc.de/>. The UBN report for each participant is also available from the site or send an email request to wae@dl6rai.muc.de. (Thanks, Ben DL6RAI)

When selecting a relay for RF applications, the contact material can make a big difference. For information on contact materials see http://relays.tycoelectronics.com/app_pdfs/13c3236.pdf. For example, in a receiving application, gold contacts are the preferred material. (Thanks, Roger N1RJ)

Summer thunderstorms are on the way so you might find Stan WA1LOU's latest ARRL Web column "en-lightning" - <http://www.arrl.org/news/features/2006/03/24/1/?nc=1>.

Reprinted with permission from the April 19, 2006 Contest Rate Sheet

The WRTC2006 Web site (<http://www.wrtc2006.com/>) has been recently updated and reorganized. Take a peek if you haven't lately. In particular, the list of competitors is now completely updated. Multi-Single, Multi-National teams will be announced in early May.

Continuing the trend towards "open logs," Fabian DJ1YFK has created <http://dl0tud.tu-dresden.de/~dj1yfk/cqww.html> where the log checking results for CQ WW contests may be viewed. Contribute your own reports by adding your passwords to the UBN files.

New Generation IOTA Software, coming shortly, will permit the use of confirmed IOTA contest contacts for IOTA credits, making it even easier to gain IOTA awards. Watch the IOTA Web site - <http://www.rsgbiota.org/> - for more information and announcements. (Thanks, Don G3XTT)

RUFZxp 1.0.0 was released last week. It's freeware and can be found at <http://www.rufzxp.net/>. There is a new call-sign database and many of the calls are more difficult to copy than in the DOS version (mobiles, /QRP, etc.) A new Top-list will be posted at the site sometime this week. (Thanks, Barry W2UP)

Holy smokes - terminals and terminals and more terminals, plus how-to pages and all sorts of information! This page won't put a crimp in your style - <http://terminaltown.com/> (Thanks, Jim VE7FO)

Chuck W1HIS has written a 42-page article full of amazing detail on Common Mode chokes available in WORD or PDF versions. <http://www.yccc.org/Articles/articles.htm>. (Thanks, Tim K3LR)

If the best protection is detection, Larry K8UT contributes his favorite Web resource for determining the proximity of real-time lightning activity - time to turn off the rig, disconnect the antennas and unplug the computers! <http://www.weatherusa.net/lightningnet/>

FCC Affirms \$21,000 in Fines Levied on Maine Radio Amateur

The FCC has affirmed a total of \$21,000 in fines it proposed last year to levy on Glenn A. Baxter, K1MAN, of Belgrade Lakes, Maine. The FCC's Forfeiture Order (NoF), released March 29, comes nearly 10 months after a Notice of Apparent Liability for Forfeiture (NAL) in the case. The FCC has alleged that Baxter violated several sections of the Part 97 Amateur Service rules.

"The noted violations of the rules involve interference with the ongoing communications of other Amateur Radio stations, failure to exercise station control, transmission of communications in which Baxter had a pecuniary interest, and transmission of communications that constituted impermissible broadcasting," the FCC said. The NoF reiterates specific allegations outlined in the NAL last June.

The FCC also has concluded that Baxter "apparently willfully and repeatedly" failed to file required information pursuant to an Enforcement Bureau directive. In two warning notices in 2004, FCC Special Counsel in the Enforcement Bureau Riley Hollingsworth directed Baxter to provide information on how K1MAN was controlled and the identity of the station's control operator.

The Boston [FCC] Office found that Mr. Baxter's statements that '[n]o correction actions are necessary' and '[n]o changes are needed with regard to station control' failed to comply with the Bureau's demand for station information, the FCC said in the NoF.

Replying to the June 2005 NAL, Baxter denied any liability for the forfeiture amount, the FCC said. According to the Commission, Baxter cited the fifth and sixth amendments to the US Constitution and requested "all documentation regarding the alleged apparent liability" and "a trial like hearing before the full Commission." Baxter did not submit "any substantive responses" to the alleged violations recited in the NAL, the Commission said.

The FCC denied Baxter's request for a hearing. According to the Communications Act, the FCC said, providing a hearing is at the Commission's discretion, and a hearing is "not normally utilized when only monetary forfeiture matters are involved."

Baxter's Amateur Radio license expired last October 17, but according to the FCC, he has continuing operating authority since he filed a timely renewal. His renewal application remains under review based on complaints filed and on FCC correspondence regarding the operation of his station. The forfeiture action is separate.



Work Wanted:

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

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

Reasonable hourly rates and scheduling that meets your needs.

SPRING TOWER PAINTING SPECIALS - 10% discount off regular prices for tower painting orders placed during April. Make your tower look like new this year. Don't wait! FLASH!!! Painting Special extended to orders received by MAY 15th. ORDER NOW!

Contact: John Crovelli W2GD

w2gd@hotmail.com

New Reach Number: 908 391 5611 (Mobile)

Three-time World Champions not Participating in WRTC 2006

The sponsors of World Radiosport Team Championship 2006 (WRTC 2006) in Brazil this week announced team pairings <<<http://www.wrtc2006.com/release42.html>>> for the event this summer. Last held in Finland in July 2002, the WRTC is a competition among two-person teams drawn from among the world's top Amateur Radio contest operators. Among the missing for this year's running, however, will be the team that topped the field in the last three WRTCs--Dan Street, K1TO, and Jeff Steinman, N5TJ.

"We have prior work commitments," Street told ARRL. "We certainly wish them well and hope that the WRTC continues on successfully both this time and well beyond." Street and Steinman took home the WRTC gold for the third time at the 2002 event in Finland. They also placed first among some 50 teams in WRTC 2000 in Slovenia as well as at WRTC 96 in the San Francisco Bay area.

The team pairings in the six WRTC 2006 categories contain many familiar call signs. This year's world competition will take place July 8-9 in the vicinity of Florianopolis, capital of the state of Santa Catarina in southern Brazil. The on-the-air portion of the event is held in conjunction with the International Amateur Radio Union (IARU) HF World Championship, although WRTC rules differ in some respects from those of the IARU event, and scoring is separate.

The event brings competitors together in a single geographical area. The guiding concept is to minimize the variables associated with radio contesting and instead emphasize each team's operating skills.

Among other changes, WRTC 2006 also has created a new "Multi-National Multi-Single" category as well as three positions for younger operators. Brazil's IARU member-society LABRE (Liga de Amadores Brasileiros de Radio Emissão) and the Araucária DX Group are coordinating WRTC 2006 all with support from DX groups and testers. Atilano de Oms, PY5EG, heads the WRTC 2006 Steering Committee. For more information, visit the WRTC 2006 Web site <<<http://www.wrtc2006.com/>>>.

EPA: Philadelphia ARES Announcement

This notice is to inform the ARRL membership in Eastern PA that the Philadelphia Amateur Radio Emergency Service is being regenerated.

- An Amateur Radio operator need not be an ARRL member to be registered and active in the ARES.
 - As long as a FCC licensed amateur Radio operator is interested in participating in ARES they are welcome.
 - Principal band operation for local Philadelphia ARES communication is 2 Meters via Repeaters and Simplex frequencies.
 - Other bands (HF, VHF, and UHF) as well as Echo-Link are also incorporated but not essential for local net participation.
 - General Information about ARRL ARES is found on the website: <<http://www.arrl.org/FandES/field/pscm/sec1-ch1.html>>
 - Non-Philadelphia resident Amateur Radio operators are welcome to participate, as many commute and or have other close ties to Philadelphia. Philadelphia ARES does encourage surrounding county resident Amateurs to participate in there respective home ARES organizations.
- ◆ Philadelphia ARES Web Site: <<http://www.harcnet.org/aresindex.html>>

ARRL VEC Announces Vanity Call Sign License Renewal Program

The ARRL VEC now can process license renewals for vanity call sign holders for a modest fee. The service is available to ARRL members and nonmembers, although League members will pay less. Routine, non-vanity renewals continue to be processed at no cost for ARRL members. In addition, ARRL VEC Manager Maria Somma, AB1FM, points out that trustees of club stations with vanity call signs may renew either via the Universal Licensing System (ULS) or through a Club Station Call Sign Administrator, such as ARRL VEC.

"2006 is an appropriate year for the ARRL VEC to implement this service, since the licenses of the many radio amateurs who obtained their vanity call signs as a result of the FCC program that went into effect in 1996 will expire this year," Somma said. The first of those licenses are due to expire in June.

"As the FCC has already noted, licensees who want to keep their vanity call signs must pay the regulatory fee, currently \$21.90 for the 10-year license term, when renewing their licenses," Somma noted. "Licensees who don't want to pay the mandatory regulatory fee to retain a vanity call sign may request a sequentially issued call sign at the time of renewal."

The FCC has proposed to reduce the vanity call sign regulatory fee to \$20.10 for the 10-year license term. The new fee, if adopted, would go into effect in August or September.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the ULS <<<http://wireless.fcc.gov/uls/>>> and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

Those holding specifically requested call signs issued prior to 1996 are exempt from the vanity call sign regulatory fee. That's because Congress did not authorize the FCC to collect regulatory fees until 1993. Such heritage call sign holders do not appear as vanity licensees in the ULS Amateur Radio database.

Somma says the ARRL's new license renewal/modification Web pages contain complete information on license-filing procedures, including step-by-step instructions on how to renew or update a license using the FCC's ULS site and a schedule of fees.

League members should visit the "ARRL Member Instructions for License Renewals or Changes" page <<<http://www.arrl.org/fcc/memberlicenseinstructions.html>>>. The "Instructions for License Renewals or Changes" page <<<http://www.arrl.org/fcc/licenseinstructions.html>>> covers general renewal procedures for nonmembers. There's additional information on the ARRL VEC's "FCC License Renewals and ARRL License Expiration Notices" page <<<http://www.arrl.org/arrlvec/renewals.html>>>.

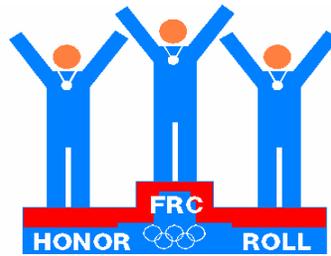
FRCer KQ2M Chosen as WRTC Team Leader

Bob, **KQ2M**, was one of two East Coast contesters chosen to be a Team-Leader at WRTC-2006 in Florianopolis, Brazil. Six team leaders were selected from the US with two each from the from the East, Midwest and West. There are 53 WRTC teams in total from around the world.

Other US teams were also chosen, but not on the basis of contest performance against peers from the same region. The ARRL chose two teams, and past WRTC winners were also automatically included.

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





MAY **CONDUCTED by N2SS** **2006**

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL .. 332	K2FL...336	N2TK ..328
N2TK329	N2TK 335	K2FL..... 326
N2LT318	N2LT 332	N2LT..... 321
W3BGN316	W3CF 331	W3BGN ... 314
W2YC301	W3BGN ... 328	W3CF 303
N2SS290	N2SS 320	N2SS..... 302
W8FJ290	W2UP 312	W2YC 274
K2PS284	W2YC 304	K2PS..... 268
W2UP277	K2PS 303	W2UP 259
N3RD258	W8FJ 291	W8FJ 228
N2MM233	N2MM..... 268	N1RK 218
K3II232	N1RK 253	KQ3F 217
W2LE220	KQ3F 252	K3II 203
KQ3F195	K3II 245	N3KN 191
AA2WN....174	W2LE 231	W2LE 191
W2RQ144	W2YR 202	W2YR 187
AB2E128	N3KN 171	N2MM 185
W2YR131	W2RQ 142	AB2E 92
K3CT126	K3ND 124	K3CT 76
N3KN126	AA2WN ... 122	W2RQ 62
N1RK107	AB2E 108	K3GYS 30
K3ND85	K3CT 91	N2VW 28
N2VW76	K3GYS 85	AA2WN 20
W3CF61	N2VW 67	
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

W3BGN294	W2RQ 123
AA1K289	K2PS 106
WT3Q261	W2CG 95
N2TK250	AB2E 94
N2LT248	N2VW 85
K3SX233	W2YR 81
NO2R226	N2SS 79
W8FJ213	W3CF 77
W2UP200	K3NL 70
K3JIG200	K3CT 63
W2YC185	KQ3F 57
N2MM182	N1RK 51
K3NM156	AA2WN 50
N3RS156	N3KN 34
K3II149	W2LE 28
K2FL143	K3GYS 12
K3ND136	

W3BGN continues as the undisputed Top of Top Band.

Digital

W2UP338	KQ3F 132
N2LT332	W2LE 124
K2PS288	W2CG 66
W2YC253	N2SS 53
AA2WN187	N1RK 39
N3KN181	K3GYS 15
W2YR132	W8FJ 12

MOBILE DX

W2YC276	K3GYS 143
AA1K271	AA2WN 131
N2SS234	W2YR 28

1.5K Club

K2FL..... 1709	N2SS.....1521
W3BGN 1696	K3ND1501
N2TK 1689	KQ3F1453
N2LT 1684	W2CG1408
W2UP 1666	W3CF1403
W2RQ..... 1623	AA2WN.....1379
N3RS..... 1611	N1RK.....1289
W8FJ 1594	N2VW1270
K3II 1573	K3CT1229
W2YC 1561	W2LE1175
NO2R..... 1536	W2YR.....1153
N3RD 1536	N3KN1120
K2PS 1524	K3NM.....1107
N2MM 1524	AB2E1164

Islands On The Air

K2FL..... 1004	N2VW261
N2SS 828	W3CF253
W2YC 627	W2YR.....244
W8FJ 604	K3GYS222
N1RK 546	AB2E205

6 METER DXCC

N2LT..... 106	N3KN52
K2PS 101	W2YR.....44
AA1K 99	W2YC.....21
K3OO 77	AA2WN.....15
K3SX 75	N2TK.....12
N1RK 57	K3GYS10
N2SS55	



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

The Frankford Radio Club

Club Officers

President, **K3ZV**, John Lindmeier856-768-5348
Vice Pres, **N3DXX**, Art Hitchens
Secretary, **W2RDS**, Rick Stoneking..... 609-265-0885
Treasurer, **K2QM**, Bob Shohet.....203-270-8456

Email: k3zv@hotmail.com
Email: art19703@yahoo.com
Email: w2rds@arrl.net
Email: kq2m@earthlink.net

Committee Chairman

Repeater, **K3NL**, Nick Leipold 610-449-8910
Packet, **N3RD**, Dave Hawes 610-935-2684
Activities, **N3AD**, Alan Donziger610-581-7032
Awards, **K2QM**, Dan Marlow 609-683-5633
Membership

Newsletter & Roster

Editor, **KQ3F**, Joe Stepansky 717-657-9792
Printing, **W2RDS**, Rick Stoneking..... 609-265-0885

Email: kq3f@comcast.net
Email: w2rds@arrl.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
144.930 W2JT
144.950 K3ZV
145.010 N3ED
145.530 K3WW
145.530 AA1K
145.570 WT3Q
145.570 K2TW
145.590 N2NT
145.670 W3PP
145.730 N2BIM

Telnet DX Cluster

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w3frc.gofrc.org 7300