



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

May 2007:

- 8 FRC Main Meeting, Phila.**
- 8 Remy Meeting B**
- 12-13 CQ-M International DX Test
- 12-13 Mid-Atlantic QSO Party
- 17 T.I.T.S. Meeting, Noon**
- 18-20 Dayton Hamvention**
- 22 Remy Meeting B**
- 26-27 CQ WPX Contest, CW

June 2007:

- 12 Remy Meeting B**
- 16-17 All Asian DX Contest, CW
- 21 T.I.T.S. Meeting, Noon**
- 23-24 ARRL Field Day
- 26 Remy Meeting B**

July 2007:

- 1 RAC Canada Day Contest
- 9 Remy Meeting B**
- 14-15 IARU HF World Champ.
- 15 Summer Meeting, N3RD**
- 19 T.I.T.S. Meeting, Noon**
- 23 Remy Meeting B**

CHANGES

None this month

Deadline for June issue:

Sunday, May 27, 2007

President's Column

Hello to all FRC members.

It is an honor to be the new President of one of the best Contest clubs in the WORLD. Just wanted to take minute and introduce myself. I started in Amateur radio in August 1969 when I was 12 years old. I stayed around a few years and got busy with that other stuff!!! I got back into amateur radio in 2003 and immediately got back into contesting. Since 2003 I have Operated all Major Contests at some great locations N3AD, N3RS , C6, 6Y5, V31, VY2 and of course my "superstation" in Wilmington. John and I have some exciting plans for the next 2 years. For example, guest speakers at the meetings to boost meeting attendance. I am looking forward to meeting and chatting with all our members. Feel free to call or email me at any time with questions and concerns. See everybody on Tuesday May 8th at the College.

73, Art Hitchens, N3DXX

Summer Meetings



Sunday, July 15—Dave, N3RD, Sponsored by Team N3RS

2007 FRC Open



FRC Golfers,

Please mark your calendars for this years FRC Open. The 2007 FRC Open will be held Tuesday June 26th. First tee time is Noon. There is a practice range and restaurant at the course. Dinner after the Open 5 minutes from the course. Anyone wishing to stop by **K300**'s after dinner is welcome.

Southmoore Golf Course. www.southmooregolf.com

Please contact **K300** at k3oo@k3oo.com by June 1st if you are planning on attending so I can secure you a tee time.

73, Rick K300

MEETINGS

Main Meeting

The main monthly meeting of the **Frankford Radio Club** will be held Philadelphia on Tuesday, May 8 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, May 17 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.

Fred Doughty, W3PHL, SK

Frederic C. Doughty, 77, husband of Barbara J. Doughty, of Valley Forge, died Friday evening, March 30, 2007, in the Paoli Hospital, Paoli. Born in Philadelphia, he was a son of the late Dennis R. and Dorothy Doughty. Mr. Doughty was a 1947 graduate of the Lower Merion High School. A veteran, he served for the U.S. Air Force during the Korean War. He then received a masters degree in electrical engineering from the Widener University after many years of night school. Mr. Doughty owned and operated the Acme Gear and Machine Company in Philadelphia for over 30 years before retiring in 2006. He received his amateur radio license when he was 14 years old.

From W3CF:

House on top of Valley Forge Mountain. Big time 40meter guy. I WALKED thru his amp. From what I gathered the FCC had visited his house more than once :-). Picture on N3ZA's site... Remember a shindig at his place and my job was to go pick up Ch 6's Larry Ferrari's piano and deliver it to the party. Larry was there and it was probably the best "Ham" party I've ever attended. Fred had it catered and it was top shelf. He ran around in a "vintage" limo..... :-). Fred and Bonnie opened their house to all hams in the area once a month for years.....awesome view. Fred knew good single malt.

From AA1K:

I remember walking through that big amp too ...and the 90-ft tower with 3-el 40m monobander ...and what a signal. I think my visit was for a repeater group open house when I was still going to West Chester State, around 1970. The 146.76 transmitter was on top of Fred's tower. At the time that was the biggest ham station I had ever seen up close, and was quite awe-inspiring. RIP Fred.

From N3ZA:

Here's a link to the web page I did for Fred long ago. Known him since I was 16. The tower was 120 ft. Scaffold type. <<http://home.comcast.net/~mmosh/w3phl/w3phl.html>>

From K2CJ:

I vividly remember that incredibly strong and clear W3PHL 40M phone signal back in the day. I was in Roxborough then along with K3II, K3NL et al, and Fred's booming signal must have been waveguided right down the Schuylkill from Valley Forge Mtn. - it might as well have been KYW coming on the air!

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 4, 2007 Contest Rate Sheet

Mark KD4D points to an excellent introductory-level Contesting FAQ at http://www.qsl.net/zs1an/contesting_faq.html just right for newcomers to HF contesting. Mark N7MQ recommends the introduction to contesting by Mark ON4WW at <http://www.on4ww.be/> - click on Operating Guide on first page of site. This should also point out just how "world-wide" the HF contesting community can be!

Thanks to Tim K3LR for this comprehensive schedule of contest-related activities at the rapidly-approaching Dayton Hamvention 2007. (Details of many "alternate" Dayton activities can be found at <http://hamvention.org/alternate.htm>)

May 16 - Wednesday night - Contest Super Suite at the Crowne Plaza opens for the first of 4 nights, hosted by Contest University (<http://www.contestuniversity.com/>). Details are here <http://hamvention.org/alternate.htm>

May 17 - Thursday all day at the Crowne Plaza - Contest University at and the Contest Super Suite at the Crowne Plaza hosted by The Mad River Radio Club (MRRC), **Frankford Radio Club (FRC)** and North Coast Contesters (NCC) with a midnight pizza party sponsored by K8CC and K3LR.

May 18 - Friday - Antenna Forum at HARA Arena Room #1 from 2:30 - 4:45 PM. Moderated by K3LR, speakers include W6NL, WA3FET, K3LR, N9NB, and N6BV. This is followed by the Contest Super Suite at the Crowne Plaza with a midnight pizza party sponsored by the Potomac Valley Radio Club (PVRC).

May 19 - Saturday - Contest Forum at HARA Arena Room #1 from 11:15 AM - 1:45 PM. Moderated by K1DG, the forum features PY5EG, K5ZD, K4BAI, NF4A, N6AA, E21EIC, and K3LR (he's everywhere!) This is followed by more fun at the Crowne Plaza as the 15th Annual Dayton Contest Dinner (<http://www.contestdinner.com/>) is hosted by North Coast Contesters and the final Contest Super Suite midnight pizza party sponsored by the Yankee Clipper Contest Club (YCCC). (And you thought you were going to lose weight at Dayton?)

Along with award qualifications comes word of a postage increase from Neil W3ZQI. "US Postal rates are going up May 14 - (<http://tinyurl.com/22uo6k>) and QSL card seekers are urged to begin including the higher rate of US postage in their SASEs now to accommodate the queues of QSL managers. \$.01 and \$.02 stamps are currently available while the US "Forever" stamp is due in April."

Here's another good reason to keep your CTY files updated via <http://ad1c.com/> - the Danish National IT and Telecom Agency has issued the first new call signs based on unused prefix allocations for Denmark (OZ, OU, OV, 5P and 5Q), Faro Islands (OY and OW) and Greenland (OX and XP). (Thanks, Scott W4PA)



Spring is Here!!!

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.

Contact: John Crovelli W2GD

w2gd@hotmail.com

New Reach Number: 908 391 5611 (Mobile)

CONTESTING — TIPS, TECHNIQUES, RESOURCES

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Jim AD1C shows us how to avoid publishing email addresses directly by using QRZ.com. "Replace AD1C with the person's callsign in the following hyperlink: <http://www.qrz.com/p/email.pl?callsign=AD1C> By clicking on the linked-to call, you'll be directed to the page on QRZ.com with the graphical E-mail address."

Antenna and tower-building season is under way - how about some super cutters? These are highly recommended for cutting Phillystran guy material and other such stuff - <http://tinyurl.com/23zn8u> (Thanks, Mark N5OT)

Reprinted with permission from the April 18, 2007 Contest Rate Sheet

Darek SP6NVK invites us all to enjoy his new on-line Ham Radio Atlas at <http://www.hamatlas.eu/>. It contains complete information on all 337 DXCC Entities, as well as over 3000 pictures and more than 1100 maps. Thank you, Darek!

On a smaller scale, are you looking for a county map of any state? Check the Census Bureau Web site (<http://quickfacts.census.gov/qfd/index.html>) for maps and statistics. (Thanks, Mike W0MU)

At three minutes and four seconds after 2 AM on the 6th of May this year, the time and date will be 02:03:04 05/06/07. This won't happen again for 1000 years! How many sunspot cycles is that, anyway? (Thanks, Phil W7PDZ)

One very valuable directive that I read long ago in a contest column by a forgotten author (sorry!) was to take breaks when you're tired. Not long naps, just 5 to 10 minutes of walking around outside or taking a shower. Anything to get your brain refocused, "...even if the whole band is calling!" If you're slogging away, drowsy, nodding off, then your accuracy is probably going to be terrible. Do yourself a favor and freshen up - you won't regret it!

With electronics becoming ever more sensitive, sometimes the leakage current from a soldering iron tip can prove more damaging than the heat it delivers. The video "Checking your Soldering Iron" (<http://www.pan-tex.net/usr/r/receivers/elrconstrknow.htm>) shows a simple method of checking your soldering equipment. (Thanks, Sam KA5OAI)

In many areas, rocks or even bedrock make digging a hole for a tower base mighty tough. Joe WDOM shows us on his Web site (<http://home.centurytel.net/WDOM>) how to turn lemons into lemonade with a little drilling and epoxy. Click "Tower Project" in the "Ham Radio" menu on the home page.

If trigonometry wasn't your favorite high school subject, you will be pleased to learn the Victor KB4TCU has made some updates to his tower guy wire length calculator at <http://www.georgiacapital.net/scantest/hamhelp.htm> This could certainly help avoid some costly ordering errors.

The Time Is Now

A couple of years ago (in the 19 May 2004 issue to be exact) I published a short essay on reaching out, the biggest challenge to amateur radio and amateurs. With Morse code having been removed as a licensing requirement and the subsequent inrush of new and upgrading hams, it is even more important to meet the challenge of outreach. Not only for contesting, but for amateur radio in general.

What is it that will turn a casually interested new ham into a five-year, ten-year, lifetime ham? What is it that about amateur radio that will hold the Technician's interest and get them excited about finding out what lies around each of ham radio's many corners and curves? What is it that takes ham radio from a means to an end to being an end in itself? Where that crackly hiss from the speaker becomes an invitation instead of something to be muted?

There are so many paths from that first taste through the mysteries to discovering the magic that waits behind every power switch. And there are so many new call signs popping up on the bands! How will they find a good path, a true

CONTESTING — TIPS, TECHNIQUES, RESOURCES

path? How will they gain the confidence to take on those mysteries, just as we did, and make it through to the other side?

Every reader of this newsletter can be a guide, a mentor, a teacher, a friend. These eager new faces are standing on the sidelines waiting to be invited to a club meeting, the Saturday breakfast, a hamfest, a multi-op contest. You can find them in the FCC database with brand-new calls. Many of them regularly log on to the ARRL Web, QRZ.com, or eham.net. In fact, I'll bet a lot of new hams check your club's Web site to see what's there.

Take a look at that club Web site. If a new ham found your club using the ARRL Club Search page at <http://www.arrl.org/FandES/field/club/clubsearch.phtml>, what would they find? Would there be a "Welcome, New Hams" button or link? Would a recent upgrade to General feel comfortable attending an upcoming meeting? Could they even *find* the meeting?

Once a new face works up the nerve to attend a meeting or informal gathering, would they be welcomed into the group or would they be left standing around on the periphery? Too many groups let newcomers just fend for themselves. Is it any wonder a second visit just doesn't happen?

Here's some suggestions to every club and group:

- Make sure a visitor will see a welcoming message
- Offer help and information in your group's specialty
- At gatherings, seek out and welcome new members
- Help new members break the ice with the cliques

None of this costs a nickel - just the expenditure of a little goodwill and ham spirit.

In the past thirty days, there are nearly 6000 new hams and more than 11,000 upgrades. The Amateur Service has reversed its population trend and is growing again. This is good for contesting and good for Amateur Radio. Some are worried that this will change ham radio and no doubt, it will! Yet, if certain practices and attitudes are important to ham radio, how will these newcomers find out about them? It is fairly unreasonable to expect that information to be magically absorbed from the aether.

It's up to us, not some nebulous 'them', to help this wave of new hams and make them part of what ham radio is and should be. After all, ham radio is you and me! Take a moment to do your part and help your organization do its part. There is no better time - the time is now.

73, Ward N0AX

FOR SALE - KLM KT34XA 6 Element Tribander

Spring is here... For sale KLM KT34XA 6 element tribander for 10/15/20 meters.. Boom is 34 ft. long and 3" diameter. Uses no traps, with balun, is sitting unassembled in storage. Very good condition. Pick up only, will not ship. Located in Bucks County near Philadelphia. Asking \$330.00. Please e-mail me at wa3yob@comcast.net for more info. 73 WA3YOB

<http://www.lz1jz.com>



DXing on 60 Meters has a Downside, ARRL Advises

The ARRL is expressing concern that negative consequences could result from chasing DX on 60 meters. Some DXpeditions have announced plans to operate on Amateur Radio's only channelized band, where amateur operations hold secondary status to fixed service operations, including some US government stations. ARRL CEO David Sumner, K1ZZ, says that while it's legal for DXpeditions to operate on the 5-MHz band provided the licensing administration extends privileges there, DX pileups on 60 meters pose the potential for real and unique problems.

"US amateurs are limited to five channels on 60 meters, USB only, maximum effective radiated power (ERP) of 50 W, audio bandwidth not exceeding 2.8 kHz, and not all of the channels are useable because of ongoing fixed service operation," Sumner points out. Upon request of a primary service user, Sumner says, it's "absolutely imperative" that hams be prepared to relinquish any 60-meter channel immediately. This means constantly monitoring the transmitting channel. Hams also must not exceed the radiated power limit, he stressed.

Not all countries authorize amateur operation on 60 meters. Transmitting on a 5 MHz frequency without authorization not only breaks the law but jeopardizes the operator's continued participation in the ARRL DXCC program. Five MHz cards submitted for DXCC may not be accepted for credit without evidence the operation was authorized.

Sumner emphasized that causing harmful interference to fixed and mobile service stations could jeopardize even the existing, limited privileges as well as the chances of increasing those privileges on a domestic basis, plus any possibility of obtaining an international allocation on 60 meters.

FCC Amateur Radio Enforcement Correspondence Posted

The FCC has posted new Amateur Radio enforcement correspondence on its "Amateur Radio Service Enforcement Actions" page <<<http://www.fcc.gov/eb/AmateurActions/Welcome.html>>>. In mid-March, the FCC Enforcement Bureau began publicly posting such correspondence -- with some exceptions -- on its own Web site. Special Counsel in the FCC Spectrum Enforcement Division Riley Hollingsworth sent letters to William F. Crowell, W6WBJ, Diamond Springs, CA, and Kevin M. Bednar, K2KMB, Newton, NJ, on April 3. Direct all questions concerning the Amateur Radio Service Enforcement Actions Web postings via e-mail only to Riley Hollingsworth <fcham@fcc.gov> in the FCC Spectrum Enforcement Division.

FCC Poised to Cut Vanity Call Sign Fee by More Than 40 Percent

The FCC has proposed reducing the regulatory fee to obtain or retain an Amateur Radio vanity call sign by more than 40 percent starting later this year. In a Notice of Proposed Rule Making (NPRM), "Assessment and Collection of Regulatory Fees for Fiscal Year 2007" in MD Docket 07-81 released April 18, the Commission is proposing to cut the fee from its current \$20.80 to \$11.70. If ultimately adopted, that would mark the lowest fee in the history of the current vanity call sign program. The FCC proposed to collect nearly \$290.3 million in FY 2007 regulatory fees.

"These fees are mandated by Congress and are collected to recover the regulatory costs associated with the Commission's enforcement, policy and rulemaking, user information, and international activities," the FCC said. "Consistent with our established practice, we intend to collect these regulatory fees in the August-September 2007 time frame in order to collect the required amount by the end of the fiscal year." Comments on MD Docket 07-81 are due May 3. Reply comments are due May 11.

The vanity call sign fee has fluctuated over the 11 years of the current vanity call sign program -- from a low of \$12 to a high of \$50. The FCC says it anticipates some 14,700 Amateur Radio vanity call sign "payment units" or applications during the next fiscal year.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign but upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal last year.

NEWS FROM THE ARRL

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

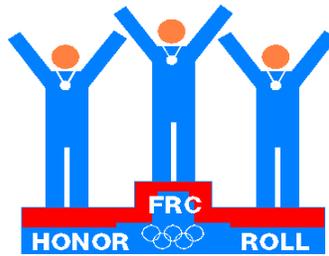
Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. The ARRL VEC will process license renewals for vanity call sign holders for a modest fee. The service is available to ARRL members and nonmembers, although League members pay less. Routine, non-vanity renewals continue to be free for ARRL members. Trustees of club stations with vanity call signs may renew either via the ULS or through a Club Station Call Sign Administrator, such as ARRL VEC.

League members should visit the "ARRL Member Instructions for License Renewals or Changes" page <<<http://www.arrl.org/fcc/memberlicenseinstructions.html>>>, while 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>>>.

License application and renewal information and links to the required forms are available on the ARRL Amateur Application Filing FAQ Web page <<<http://www.arrl.org/FandES/field/regulations/application-filing-faq.html>>>. The FCC's forms page <<<http://www.fcc.gov/formpage.html>>> also offers the required forms.

Upcoming Hamfests (Thanks to Glenn, K3SWZ)

May 6	Hagerstown, MD
May 6	Warminster, PA
May 12	Fredericksburg, PA
May 19	Sussex, DE
May 27	Howard County, MD
June 3	Manassas, VA
June 9	Bloomsburg, PA
June 17	Frederick, MD
July 1	Wilkes-Barre, PA
July 4	Harrisburg, PA
July 15	Kimberton, PA
July 22	Howard County, MD
August 5	Berryville, VA
August 12	Matamoras, PA
August 19	Westminster, MD
August 19	Pleasant Hill, PA
September 8	Stroudsburg, PA
September 30	Wrightstown, PA
October 6	Brownstown, PA
October 7	Howard County, MD
October 21	Sellersville, PA
October 28	Westminster, MD



MAY **CONDUCTED by N2SS** **2007**

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL.. 335	K2FL...339	N2TK.. 329
N2TK.....333	N2TK..... 338	K2FL.....327
N2LT.....324	N2LT..... 336	N2LT.....321
W3BGN....320	W3BGN... 332	W3BGN...315
W2YC.....306	W3CF..... 332	N2SS.....303
N2SS.....295	N2SS..... 324	W3CF.....303
W8FJ.....293	W2UP..... 318	W2YC.....278
K2PS.....289	W2YC..... 309	K2PS.....269
W2UP.....286	K2PS..... 308	W2UP.....267
N3RD.....268	W8FJ..... 296	W8FJ.....233
K3II.....234	N1RK..... 257	N1RK.....218
W2LE.....221	K3II..... 252	K3II.....203
W2IRT.....212	W2LE..... 244	W2LE.....198
W2RQ.....182	W2IRT..... 241	N3KN.....191
AA2WN...174	W2YR..... 202	W2YR.....187
K3CT.....134	K2AX..... 192	NA2U.....156
AB2E.....132	W2RQ..... 192	W2IRT.....122
W2YR.....131	N3KN..... 171	W2RQ.....119
N2VW.....126	NA2U..... 167	W2IRT.....105
N3KN.....126	K3CT..... 126	AB2E.....92
N1RK.....116	AA2WN... 122	K3CT.....83
NA2U.....110	AB2E..... 110	K2AX.....69
W3CF.....61	N2VW..... 85	N2VW.....33
K3GYS.....17	K3GYS..... 85	K3GYS.....30
K2AX.....15	AA2WN.....20

K2FL and N2TK still duking it out for that elusive, undisputed **KING OF WARC**

160 Meters

W3BGN297	AB2E 100
AA1K293	N2VW..... 95
WT3Q.....264	W2CG..... 95
N2LT257	W2IRT..... 93
N2TK.....254	NA2U.....83
NO2R.....241	W2YR.....81
K3SX.....241	N2SS..... 79
W8FJ225	K2AX.....77
W2UP211	W3CF.....77
K3JIG215	K3NL..... 70
W2YC.....191	W2LE.....64
W2RQ.....166	K3CT..... 63
K3II158	N1RK..... 51
N3RS156	AA2WN..... 50
K2FL143	N3KN..... 34
K2PS.....109	K3GYS 12

W3BGN continues as the undisputed Top of Top Band.

Digital

W2UP.....341	W2YR..... 132
N2LT337	KQ3F 132
K2PS.....295	W2CG..... 66
W2YC.....267	N2SS..... 53
AA2WN.....187	N1RK..... 39
N3KN181	K3GYS 15
W2IRT159	W8FJ..... 12
W2LE141	

1.5K Club

K2FL..... 1718	K3II1449
W3BGN 1706	W2CG.....1408
N2TK..... 1697	W3CF1403
N2LT..... 1695	AA2WN.....1379
W2UP 1680	NA2U1365
W2RQ..... 1645	K2AX1334
N3RS..... 1626	N1RK.....1300
W8FJ 1607	N2VW1299
W2YC 1571	W2LE1193
N3RD 1553	AB2E1185
NO2R..... 1552	K3CT1180
K2PS..... 1538	W2YR.....1153
N2SS 1536	N3KN1120
.....	W2IRT1087

Islands On The Air

K2FL..... 1012	N2VW.....267
N2SS 841	W3CF253
W2YC 645	W2YR.....244
W8FJ 623	W2IRT.....232
N1RK 549	K3GYS232
WA3RHW....292	AB2E205

6 METER DXCC

N2LT.....107	N3KN52
K2PS..... 104	W2YR.....44
AA1K 99	W2YC.....29
K3OO 80	K2AX18
K3SX..... 75	AA2WN.....15
N1RK 57	N2TK.....12
N2SS 55	K3GYS10

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.

MOBILE DX

W2YC276	K3GYS 143
AA1K274	AA2WN..... 131
N2SS.....234	W2YR..... 28



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

The Frankford Radio Club

Club Officers

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Repeater - 2 meters, 145.43/144.83 Output PL tone, 167.9

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

144.950 K3ZV
145.530 AA1K
145.530 K3WW
145.570 WT3Q
145.670 W3PP

Telnet DX Cluster

k2ut.gofrc.org
k3ww.gofrc.org 7300
kf3b-2.gofrc.org 7300