



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

April 2006:

- 1-2 SP DX Contest
- 8-9 Japan Intl. DX Test, CW
- 11 FRC Main Meeting, Phila**
- 11 Rexy Meeting B**
- 15-16 YU DX Test, CW
- 20 T.I.T.S. Meeting, Noon**
- 22-23 Florida QSO Party
- 25 Rexy Meeting B**
- 29-30 Helvetia Contest

May 2006:

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

June 2006:

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

CHANGES

New Email

W3CF—w3cf@verizon.net

Deadline for May issue:

Sunday, April 23, 2006

President's Column

The contest season has come to an end with the completion of the ARRL DX contest. I hope that all of those who participated enjoyed themselves.

Whether we win or not, I know that the club did its best to come out on top. The YCCC is claiming victory in the CQWW so we will have to see the official results to find out if that is true. If they did win, then let's go get them next year. If not, it's not time to sit back and take it. Summer is the time to prepare for the upcoming contest season.

Speaking of summer, we need volunteers to host summer meetings. If you would like to host one, please let me know. Last year Dave, **N3RD** and I hosted summer meetings that were well attended and I think all those who were there enjoyed themselves. These meetings are also fun ways to fulfill your meeting requirements.

In April, we will hold elections for the club offices for the next year. If you are interested in running for a club office or want to nominate someone, the April meeting at the college is the place to be. So far, I am running for president, Art, **N3DXX** for vice-president, Rich, **W2RDS** for secretary, and Bob, **KQ2M** for treasurer. Additional nominations can be made at the meeting and this will be followed by the vote.

In the May newsletter, you will receive an envelop for the annual donation drive. If you are able to support the club with a donation, please do so. More about this will be available in the May newsletter.

73 – John – K3ZV



FRC Golfers mark your calendars.

This years **FRC OPEN** is Friday June 30th at Southmoore Golf Club.

First tee time is Noon.

73, Rick **K300**

MEETINGS

Main Meeting in King of Prussia

The main monthly meeting of the **Frankford Radio Club** will be held Philadelphia on Tuesday, April 11 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, April 20 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.

2006 Hamfest Schedule

<u>Date</u>	<u>Location</u>
April 23	York, PA
May 7	Hagerstown, MD
	Warminster, PA
May 13	Fredericksburg, PA
May 28	Howard County, MD
June 4	Manassas, VA
June 10	Bloomsburg, PA
June 18	Frederick, MD
July 2	Wilkes-Barre, PA
July 4	Harrisburg, PA
July 16	Kimberton, PA
July 23	Howard County, MD
July 9	Hagerstown, MD
August 6	Berryville, VA
	Mountaintop, PA
August 13	Westminster, MD
August 20	Hanover, PA
September 9	Stroudsburg, PA
September 9-10	Gaithersburg, MD
September 25	Wrightstown, PA
October 15	Sellersville, PA
October 29	Westminster, MD

Updates/additions/corrections are appreciated!
de Glenn, K3SWZ

FRC 2006 ARRL CW DX CONTEST CLAIMED SCORES

Station	QSOs	Ctry	Class	Score
6V6U	4,229	290	SO	3,679,230
<i>Op K3IPK</i>				
AA1K	3,298	416	SO	4,115,904
AA3B	2,874	437	SOA	3,767,814
HS0ZDJ	228	75	SO	51,300
<i>Op W2YR</i>				
K2DM	2,175	332	SO	2,166,329
K2NG	2,701	491	SOA	3,974,154
K2OWE	443	194	SOL	257,826
K2PS	1,596	324	SOL	1,551,312
K2QM	816	298	SOA	729,504
K2QPN			SOA	206,280
K2UT			SOA	103,518
K3II	384	196	SOA	224,028
K3JGJ	238	73	80	52,122
K3ND	978	355	SOA	1,041,570
K3OO	1,054	368	SOA	1,160,304
K3PH	914	254	SOQ	696,468
K3WW	3,430	465	SOA	4,784,850
KF3B	3,040	405	SOA	3,691,170
KQ2M	882	152	SO	401,736
KQ3F	2,101	371	SOA	2,338,413
KQ3V	65	63	SO	12,285
N1RK			SOA	372,240
N2CQ	545	189	SOA	309,015
N2EA			SO	400,920
N2EE	315	74	160	69,486
<i>Op K3BU</i>				
N2LT	2,530	369	SO	2,800,710
N2WKS	488	263	SOA	383,454
N3AD	3,706	469	MM	5,208,714
<i>Ops N3AD K3ZV KD2HE N3DXX</i>				
N3GNW	538	286	M2	464,832
<i>Ops N3GNW W3CC</i>				
N3KN	807	279	SOA	675,459
N3KR	536	217	SO	348,936
N3MX			MS	1,382,400
<i>Ops N3MX K3YD</i>				

Station	QSOs	Ctry	Class	Score
N3NR	423	205	SO	260,145
N3RJ			SOA	602,940
N3RS	5,304	529	M2	8,349,255
<i>Ops N3RS N2SR N3ED N3NA N3RD W8FJ</i>				
N3YW			SOL	73,926
N3ZA	695	314	SOA	654,690
NA2U			SOA	1,478,250
NE3F	1,892	390	MS	2,213,640
<i>Ops NE3F K3ATO KS3F</i>				
NN3Q	1,859	351	SOA	1,954,368
P40W	4,900	341	SO	5,012,000
<i>Op W2GD</i>				
TO9A	5,384	326	M2	5,243,550
<i>Ops K3CT K3TEJ</i>				
W1GD	1,530	400	SOA	1,836,000
W2CG	1,285	357	M2	1,376,235
<i>Ops W2CG W2EN</i>				
W2LE	1,096	331	SOA	1,088,328
W2RD			SOA	382,416
W2UP	2,849	437	SOA	3,733,728
W2YC			MS	1,247,010
<i>Ops W2YC AA2WN</i>				
W3AP			SO	234,780
W3BGN	3,509	476	MS	5,006,658
<i>Ops W3BGN K2TW NO2R</i>				
W3CF	740	281	SOA	623,820
W3FV	2,191	409	SOA	2,688,357
W3GK			SOA	770,724
W3IZ			SO	110,000
W3PP			MM	4,415,904
<i>Ops W3PP AJ3G KW3Z N3HUV N6ZO NW3Y WK2W</i>				
W3RJ			SO	333,102
WA2VYA	663	252	SO	501,228
WE3C			SOA	2,721,411
WP2Z	3,612	309	SO	3,348,324
<i>Op K3MD</i>				
ZP0R			SO	1,235,628
<i>Op N3BNA</i>				

Total 104,918,700

FRC 2006 ARRL SSB DX CONTEST CLAIMED SCORES

Station	QSOs	Ctry	Class	Score
AA1K	2,331	390	SO	2,727,270
AA3B	1,234	356	SOA	1,317,912
K2AX	502	229	MS	344,874
<i>Ops K2AX KG2MY</i>				
K2GN	125	94	SO	35,250
K2PS	1,087	249	SOL	811,898
K2QPN	122	83	SOA	34,038
K2UT			SOA	176,475
K3MD	698	252	SOA	527,688
K3000	2,553	441	M2	3,373,650
<i>Ops K3000 K300 NA2U W7TDC</i>				
K3WW	1,401	411	SOA	1,727,433
KC2NB			SO	680,370
KD3TB			SOA	434,304
KQ3F	539	207	SOA	334,719
KQ3V			SO	
N1RK	714	284	SOA	608,328
N2AB			SOA	309,000
N2MR	376	183	SO	206,424
N2RM	2,339	339	M2	2,378,763
<i>Ops N2RM K3ZV</i>				
N2VM			SO	11,766
N2VW			SOA	120,018
N3AD	1,636	390	SOA	1,914,120
N3KR	392	178	SO	209,328
N3MX	1,057	315	M2	1,005,207
<i>Ops N3MX K3YD</i>				
N3ONM			SO	132,240
<i>Op W3PA</i>				
N3RJ			SO	37,260
N3RS	3,994	515	M2	6,155,281
<i>Ops N3RS K9RS KF3B N3ED N3NA N3RD W8FJ</i>				
N3YW	330	122	SO	120,780
N3ZA	1,011	337	SOA	1,022,121
NE3F	1,530	373	MS	1,710,951
<i>Ops NE3F K3ATO KS3F N3OW NT3V</i>				

Station	QSOs	Ctry	Class	Score
NN3Q	1,143	327	SOA	1,119,321
NO2R	752	332	SOA	748,992
NQ3N			SO	230,443
P40W	5,312	328	SO	5,227,000
<i>Op W2GD</i>				
PJ4G	6,485	322	MS	6,264,510
<i>Ops K2NG K2TW</i>				
W1GD	1,045	367	SOA	1,150,545
W2CG	845	278	SOA	704,730
W2LE	600	217	SOA	390,600
W2RDS	1,066	269	M2	860,262
<i>Ops W2RDS WA2C</i>				
W2YC	794	316	MS	724,272
<i>Ops W2YC AA2WN</i>				
W2ZQ			M2	2,298,000
<i>Ops K2BMI K2QM N2EA N2WKS</i>				
W3AP			SO	65,835
W3BGN			SO	2,523,552
W3CC	850		SOA	850,000
W3CF	417	201	SOA	251,451
W3FVT			SO	145,920
W3GM	690	297	SOA	614,790
<i>Op K3ND</i>				
W3MF	1,304	379	MS	1,482,648
<i>Ops W3MF K3PH</i>				
W3NX			MS	1,080,000
<i>Op N3DXX</i>				
W3PP			MM	4,415,904
<i>Ops W3PP AJ3G KW3Z N3HUV N6ZO NW3Y WK2W</i>				
W3RJ			SO	183,534
WA2VYA	236	115	SO	81,420
WE3C	3,604	508	M2	5,475,732
<i>Ops WE3C KQ3V NM3E W3FV</i>				
WP2Z	5,338	292	SO	4,676,088
<i>Op N2TK</i>				
ZP0R	2,211	193	MS	1,280,169
<i>Ops 11HJT N3BNA ZP5AZL ZP5VAY</i>				

Total 71,313,187

DXing from Afar

After returning from a wonderful and most enjoyable trip to Paraguay, I have had a few moments to think about difficulties of contesting from deep DX countries (i.e., those that are far from populations centers). What I first want to explain is that this is not the same as going to the Caribbean. I have been in the Caribbean many times in the early days of V26B and in Costa Rico...contesting is easy, and fun.

Contesting from Uganda, Ethiopia, Paraguay and Tierra del Fuego is a very different proposition. First of all, in African countries there is limited power availability. I recall one time in Ethiopia that the power supply would not drive my Icom, and found the "240 volt" wiring was only measuring 147 volts.

Sometimes (but not in Paraguay) we have limited antennas. Invariably, technical assistance is necessary for some project or problem.

But the big problem is that we are just so very far away. I still remember operating low power from Uganda, trying to work W3BGN on 40m at the end of the contest... Couldn't break the EU pileup to give him the Zone 37 double mult.

There is a lot of effort, and not much reward...it's kind of like QRP in a way, although I'm not a QRPer. In the recent contests we had zero contacts on 160m. Nothing. In the CQ 160 contest i worked 7 South Americans, and we only heard K8V, no other USA station heard... And this with a very nice antenna in a quiet rural setting. It's just really a long shot. Outside of the superstations, how many have worked a LU or CE on top band? With less than 100w on our end, we are lucky to work other countries on our own continent.

In the ARRL SSB contest we had only four (4) contacts with North America on 80m. **ONLY FOUR CONTACTS !!!** This with an inverted Vee at 100 feet and a sturdy Henry amplifier. On SSB, we did not call CQ, because the bands would be packed in USA, and we really could only hear the strongest signals. Who is K2XA, he was the only signal for hours? .We also heard N3RS, W3LPL, KU1CW, KC1XX, W4RM and AA1BU. We couldn't raise LPL, but worked him later when he found us on 40m and made a sked.

Man, you have no idea how much we would welcome a sked. We are sitting there with zeros on 10m, 80m and 160m. We finished with 4 QSOs and 3 multipliers on 80m. Which multiplier did we work twice? (that would be PEI) Except for K2XA the only contacts were on skeds. We could have used more skeds.

Is there some way that we can communicate these things during the contest? Is there a way to get assistance before the contest? I was able to connect to the FRC Cluster at times, and enjoyed the pleasant banter. That could have been a medium of technical advice. I do want to thank WT3Q who provided me the pinouts for my Icom radio by telephone...and just after recent knee surgery.

One last comment...and this is just an honest observation....I think the FRC are great testers, but lousy DXers. As I have traveled around the globe I find that the YCCC always finds me first. I am afraid that I help them more than the FRC. This happens in every contest. The only exception is KQ2M, who is not only a good runner, but also knows how to listen. He was the first 10m contact with 5X4F to the USA for several years. Obviously he was not following the packet crowd. Perhaps that's why he does so well.

There really is no moral to this story, except that it is excruciatingly hard to contest from deep DX locations.

73, Dale N3BNA

CONTESTING — TIPS, TECHNIQUES, RESOURCES

Reprinted with permission from the March 8, 2006 Contest Rate Sheet

The North Coast Contesters are pleased to announce the 14th Annual Dayton Contest Dinner on Saturday night, May 20, 2006 at 6:30. MC'ed by John K1AR, Contest Hall of Fame Inductions will be announced by Mr. CQ Worldwide, Bob K3EST. The dinner is held in the Van Cleve Ballroom of the Crowne Plaza Hotel at 5th and Jefferson Streets, next to the Convention Center in downtown Dayton. Price is \$34.00 per person and seating is limited to 300. Tickets may be ordered until May 7th from Craig Clark K1QX at:

Radioware and Radio Bookstore
PO Box 209
Rindge, NH 03461

<http://www.radio-ware.com/>

Credit card orders can be placed Monday through Friday from 10 AM to 6 PM eastern USA time at 1-800-457-7373 (1-603-899-6957 for international calls) or by fax at 1-603-899-6826 any time. Email is accepted at jcclark@wildblue.net. Along with your card number, include your call sign and return address. (No COD orders!) Tickets will be mailed by First Class mail by May 10th, so leave plenty of time!

Radio Wave Propagation - Volume 2 by M.H. De Canck ON5AU of Belgium is now released. The author's unique presentation on the subject is not only interesting, but actually makes it a fun learning process - something not often said about this complex subject. For example, plot your destination and "see" your signal travel in animation using the author's unique Presentation Form Wizards. For more information, browse to: <http://www.antennex.com/news/index.html> (Thanks, Steve K7LXC)

New Contest Country Files (CTY files) are available. You can download them from <http://www.k1ea.com/cty/history.htm#CTY-1602> (Thanks, Jim AD1C)

KA2RTD Mohamed, station manager of the United Nations' station has stated that no one was at 4U1UN for ARRL DX CW so it was a pirate! (Thanks, Bernie W3UR and Tim K3LR)

Reprinted with permission from the March 22, 2006 Contest Rate Sheet

There is a new release of the Super Check Partial database files available at <http://www.k5zd.com/scp/>. This set of files was created out of 2,838,521 QSOs from 2,311 logs. The full data set contained 111,753 unique calls resulting in a master.dta file of 38,965 calls after filtering. And don't forget to update your CTY files from <http://www.k1ea.com/>. (Thanks, Randy K5ZD and Jim AD1C)

When you install underground conduit, make sure there are a few (two?) low spots along the run. At these spots install a PVC tee in the conduit, with the open end of the tee facing the dirt beneath. Dig a pit (a couple of cubic feet in volume) underneath this opening and fill it with gravel. Fasten garden weed-block cloth over the tee opening to allow the water to drain but to keep varmints out. The water that gets in will flow along the slope of the conduit to these openings and drain into the gravel-filled sump. (Thanks, Brian N9ADG)

If loud fans are driving you nuts, Phil N9LAH found a source of quiet replacements at <http://tinyurl.com/ktgel>. This could decimate the market for noise-gate circuits in voice keyers and processors. Roger K8RI has a good idea for making coax connector boots - snip the fingers out of a heavy duty rubber glove. This won't replace electrical tape as a sure-fire waterproofing technique, but in less-demanding applications it would be very useful.

Reprinted with permission from the March 22, 2006 Contest Rate Sheet

For those of us that can never seem to get fully trained on where all the CT program's special keys are during a contest, Bob N6TV reminds us that you can remap your keyboard using CT's DEFINEKEY comand. Bob remaps as follows:

- semicolon (;) Sends call+exchange (remapped INSert)
- quote (') Send TU message (remapped + key)
- period (.) Calls CQ (remapped F1)
- comma (,) Sends a Question Mark (remapped F6) - love this one
- backslash (\) Sends my call (remapped F4)

If you have RF noise entering your house (and shack) and being re-radiated on the power lines, Tom W8JI observes that it may be possible to "detune" the lines and stop the re-radiation. "I built a bypass capacitor with two 120VAC rated .01uF capacitors, each one tied from one side of the line to the safety ground, into a plug. I just moved that plug around to different outlets until I found one that detuned the power lines, and made the noise radiating from the lines in my house disappear. The noise virtually vanished even though I'm positive the source of noise several hundred feet away still remained." Make sure you use line-rated capacitors!



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!

Contact: John Crovelli W2GD

w2gd@hotmail.com

(908) 996 3043

Tim Chen, BV2A, SK

Taiwan's first radio amateur, Tim Chen, BV2A, founder and first president of the Chinese Taipei Amateur Radio League (CTARL), died February 22. He was 92. ARRL President Joel Harrison, W5ZN, said Chen's passing was sad news. "Tim was always kind, friendly and willing to allow you to operate BV," said Harrison, who became acquainted with Chen when traveling frequently to Taiwan in the late 1980s and early 1990s. "I'll never forget our first meeting on a dark, rainy night in Taipei. Tim didn't know who I was, other than a fellow radio amateur, but he came out to meet me at the BV2B station." ARRL Field and Educational Services Manager Dave Patton, NN1N, said Chen--for years the only radio amateur on the air from Taiwan--was more famous than he knew. "He was the first BV QSO for most DXers who got their start between 1970 and about 1990 and was a guy you could count on to call in during contests--BV2A on CW and BV2B on phone," he observed. A memorial service was held February 28 in Taipei. Chen was a long-time ARRL member. E-mail condolence messages to Chen's family via CTARL <bv2a@ctarl.org.tw>.

DXCC Desk Approves Operations for DXCC Credit

The ARRL DXCC Desk has approved these operations for DXCC credit: TS3A, Tunisia, March 24-28, 2005; T6X, Afghanistan, current operation effective March 8, 2005; TT8PK, Chad, December 27, 2005 through February 11, 2006; XW1A, XW1LLR5, XW1X and XW1M, Laos, current operation effective October 29, 2005; D2DX, Angola, current operation effective December 15, 2004 (a previous announcement accredited the D2DX operation effective December 15, 2005). For more information, visit the DXCC Web page <<<http://www.arrl.org/awards/dxcc/>>>. "DXCC Frequently Asked Questions" can answer most questions about the DXCC program. ARRL DX bulletins are available on the W1AW DX Bulletins page <<<http://www.arrl.org/w1aw/dx/>>>.

Vanity Call Sign Fee Poised to Drop Slightly Later this Year

The FCC wants to reduce the Fiscal Year 2006 regulatory fee to obtain an Amateur Radio vanity call sign to \$20.10 for the 10-year license term. The current vanity fee is \$21.90. The Commission proposed the new fee in a Notice of Proposed Rule Making (NPRM), "Assessment and Collection of Regulatory Fees for Fiscal Year 2006," in MD Docket 06-68, released March 27. If ordered as proposed, the new vanity fee would become effective in August or September. The FCC is obligated to collect nearly \$289 million in regulatory fees during FY 2006 to fund its operations.

Comments on the proposed fee schedule are due Friday, April 14. Reply comments are due Friday, April 21. The FCC has projected collecting \$171,188 in vanity call sign fee receipts from 8500 applications in FY 2006.

The vanity call sign fee has assumed somewhat greater significance this year as the renewal window is about to open for the first Amateur Radio licenses assigned vanity call signs in 1996. Applicants who wish to keep their post-1995 vanity call signs must pay the vanity call sign regulatory fee in effect at the time the renewal application reaches the FCC. Any Amateur Radio renewal application may only be filed within 90 days of the license expiration date.

Amateur Radio licensees holding vanity call signs granted prior to 1996 do not have to pay a regulatory fee when renewing. This is because Congress did not begin requiring the FCC to annually recover its regulatory costs until 1993. Additionally, such licensees are not specifically tagged as vanity call sign holders in the ULS.

FCC Clarifies Renewal Procedures for Vanity Call Sign Holders

With the renewal window about to open for the first Amateur Radio licenses assigned vanity call signs in 1996, the FCC's Wireless Telecommunications Bureau (WTB) has attempted to clarify filing procedures. The WTB says vanity call sign holders whose licenses expire on or after June 4, 2006, must file electronically or on paper via the Universal Licensing System (ULS) <<<http://wireless.fcc.gov/uls/>>> to renew their licenses. Amateur Radio renewal applications may only be filed within 90 days of the license expiration date.

"Licensees of stations assigned vanity call signs have the option of keeping the vanity call sign or requesting that it be changed to a sequentially assigned call sign," the WTB points out. Those opting to keep their vanity call signs for the new 10-year license term must pay the current regulatory fee, now \$21.90, when renewing (the vanity call sign regulatory fee may change in August or September). If the licensee no longer wants to keep a vanity call sign, no fee is required, and the applicant should request a sequentially assigned call sign instead.

Amateur Radio licensees holding vanity call signs granted prior to 1996 do not have to pay a regulatory fee when renewing. This is because Congress did not begin requiring the FCC to annually recover its regulatory costs until 1993. Additionally, such licensees are not specifically tagged as vanity call sign holders in the ULS.

To renew electronically via the ULS, licensees should log into ULS License Manager <<<http://wireless.fcc.gov/uls/>>> Online Filing (click on "Log In") using their FCC Registration Number (FRN) and Commission Registration System (CORES) password. Anyone doing business with the FCC must supply an FRN on any application.

To keep a vanity call sign, licensees should select "Renew" under the "Work on this License" option. Fees for electronically filed applications may be paid online or mailed to Federal Communications Commission, Regulatory Fees, PO Box 358835, Pittsburgh, PA 15251-5835.

Online filers choosing not to renew a vanity call sign should select the "Systematic Call Sign Change" option from the "Work on this License" list. To obtain a new call sign, licensees should answer "No" to the question "Your license is eligible for renewal. Renew call sign (vanity call sign)?" Doing this will result in the issuance of a renewed license bearing a sequentially assigned call sign.

Licensees filing on paper must use FCC Form 605 (main form), and--if a fee is required--Form 159 (remittance advice). Licensees wishing to keep their vanity call signs should enter "Renew" under "Purpose" on Form 605 and enter the present call sign in item 5. Manual filers choosing not to renew their vanity call signs must file Form 605 (main form) Schedule D in order to obtain a new systematic call sign. The "Purpose" on the main form must be "Renewal/Modification," and the "Systematic Call Sign Change" question on Schedule D must be answered "Yes."

If no FRN is provided on the main form, an FCC Form 160 (registration) is also required for manual filing. All forms are available via the FCC Forms page <<<http://www.fcc.gov/formpage.html>>>.

For more information on how to renew an Amateur Radio vanity call sign, visit the FCC Help & Support page <<<http://esupport.fcc.gov/index.htm>>> or call the ULS Customer Support Hotline, 877-480-3201 (TTY 717-338-2824). The ARRL handles routine non-vanity renewals for members free of charge. At this time, it does not process renewal applications for post-1995 vanity call sign holders, but ARRL plans to add that capability in the near future.

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



Notes From Your Editor

Twenty-second year! If you compare this month's masthead with last, you will notice that April 2006 marks the beginning of my 22nd year of writing this portion of the Frankford newsletter. I created this column 22 years ago at the request of W3MA, so put all the blame on John!

SOLAR CYCLE UPDATE


With recent posts on the reflector I thought it might be a good time to publish my latest solar cycle chart (see below). Also, of interest is the fact that despite today's advanced science on the subject, nobody can really forecast the next cycle! To wit: Both the Solar Terrestrial Environment Laboratory at Nagoya University in Japan and the Space Vehicles Directorate at the US Air Force Research Laboratory are predicting the next cycle peak will be the lowest in 100 years and will be 40% lower than our just ending cycle 23. While at the same time scientists

at the National Center for Atmospheric Research are predicting that the next cycle will be 30-50% higher than cycle 23! Go Figure!

CURRENT OFFICIAL ARRL DXCC STATISTICS

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

YB - INDONESIA



Excerpting an email sent to N3RS: "I just to inform u that we would to go to SIMEULUE Island Northern Sumatra

for DXpedition. We will use a special call **YE6P**. We will fly to that island 11 April 2006 and will be on the air 12 April. We plan multi multi All bands and all modes. For further information abt YE6P DXpedition you can see : dxpedition.orari.web.id/simeulue Thanks guys and see you on pile up !

73 dx,
 de Pri, YB0ECT also KB3LWW
 QSL this new IOTA via YB1TC at:
 P.O. Box 151 BSD
 Serpong 15330
 INDONESIA

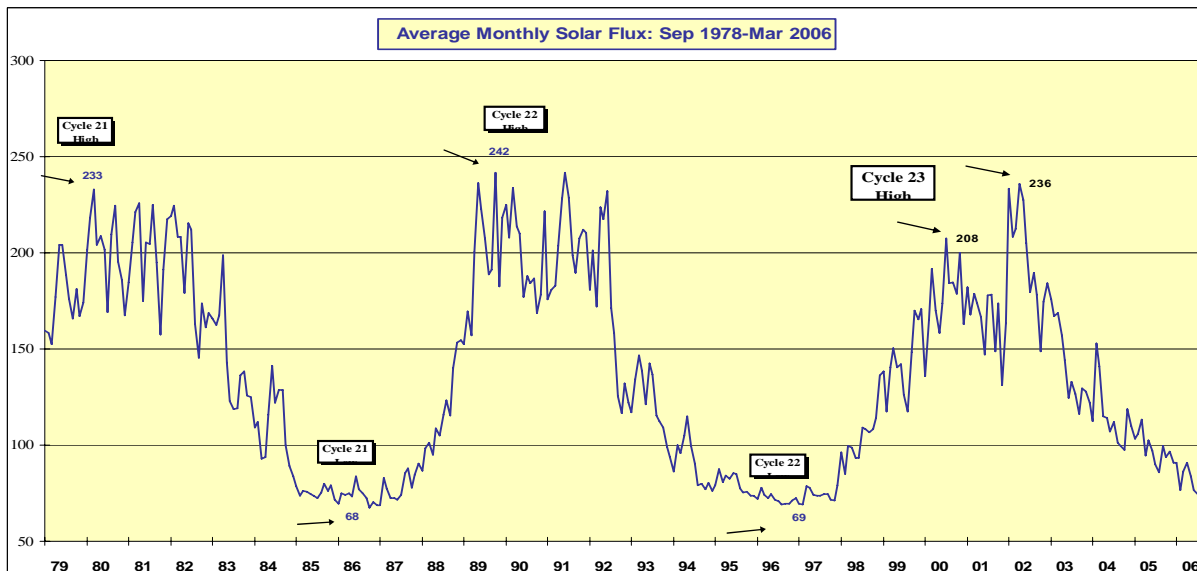
DX ALERT LEGEND

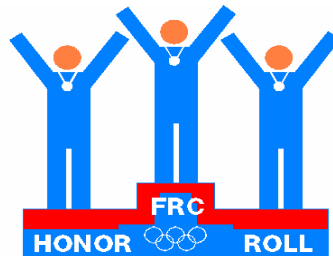
- 160 METER ALERT
- IOTA ALERT
- RTTY ALERT
- WARC BAND ALERT

"S"pecial "S"alute
 "S" "S" this month to N3RS.
 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





APRIL

CONDUCTED BY N2SS

2006

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL .. 331	K2FL...335	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 305	W2YC 274
K2PS284	W2YC 304	K2PS..... 268
W2UP272	K2PS 303	W2UP 258
N3RD256	W8FJ 291	W8FJ..... 228
N2MM233	N2MM..... 268	N1RK..... 218
K3II.....229	N1RK 253	KQ3F 217
W2LE.....220	KQ3F..... 252	K3II..... 202
KQ3F195	K3II 240	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
N3KN.....126	AA2WN ... 122	W2RQ 62
N1RK107	AB2E..... 108	K3GYS 30
K3ND.....85	K3CT..... 91	N2VW..... 28
N2VW.....76	K3GYS..... 85	AA2WN..... 20
W3CF.....61	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

W3BGN293	W2RQ 123
AA1K289	K2PS 106
WT3Q261	W2CG 95
N2TK250	AB2E 94
N2LT248	N2VW 85
K3SX233	W2YR 81
NO2R226	N2SS 79
W8FJ213	W3CF.....77
K3JIG200	K3NL 70
W2UP195	K3CT 63
W2YC.....185	KQ3F 57
N2MM182	N1RK.....51
K3NM.....156	AA2WN 50
N3RS156	N3KN.....34
K3II149	W2LE.....28
K2FL142	K3GYS 12
K3ND136	

W3BGN continues as the undisputed Top of Top Band.

Digital

W2UP.....337	KQ3F 132
N2LT332	W2LE..... 124
K2PS.....288	W2CG..... 66
W2YC.....253	N2SS 53
AA2WN.....187	N1RK..... 39
N3KN181	K3GYS 15
W2YR.....132	W8FJ..... 12



MOBILE DX

W2YC276	K3GYS 143
AA1K271	AA2WN 131
N2SS.....234	W2YR..... 28



1.5K Club

K2FL..... 1708	N2SS.....1521
W3BGN 1696	K3ND1501
N2TK 1689	KQ3F1453
N2LT..... 1684	W2CG.....1408
W2UP 1666	W3CF1403
W2RQ..... 1623	AA2WN.....1379
N3RS..... 1603	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..... 999	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

k2ut.gofrc.org
k3ww.gofrc.org 7300
kf3b-2.gofrc.org 7300
w3frc.gofrc.org 7300