



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

April 2007:

- 8-9 Japan Intl. DX Test, CW
- 10 FRC Main Meeting, Phila.**
- 10 Remy Meeting B**
- 19 T.I.T.S. Meeting, Noon**
- 22-23 Florida QSO Party
- 24 Remy Meeting B**
- 29-30 Helvetia Contest

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**

CHANGES

Address

W2OX

Alex Aimette
401N. Blvd
Lake Como, NJ 07719

Deadline for May issue:

Tuesday, April 24, 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 a 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 then got busy with 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 April 10th at the College.

73, Art Hitchens N3DXX

2007/2008 FRC Club Officers

President - Art - N3DXX

Vice President - John - W8FJ

Secretary - John - K3ZV

Treasurer - Bob - KQ2M

MEETINGS

Main Meeting

The main monthly meeting of the **Frankford Radio Club** will be held Philadelphia on Tuesday, April 10 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, March 19 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.

New Mt. Airy VHF Radio Club Web Domain

Please note that The Mount Airy VHF Radio Club, aka Pack Rats has changed their domain to: www.packratvhf.com or you can use www.w3ccx.com. Please adjust you browsers to reflect this change. The new addresses have not yet been picked up by search engines.

TNX, Rick, K1DS, President, Pack Rats.

Russ Martin, W3MFW, SK

W3MFW, Russ Martin, was listed in the April QST Silent Key section. K3ZO, Fred Laun, reports the Social Security Death Database says Russ died on January 10, 2007. Russ was a big time 80 meter CW DXer. The ARRL DXCC records indicate he had 336 countries (including deletes) confirmed on 80 meters! His all mode count was 364 entities.

Reprinted with permission from The Daily DX.

From K3WW:

I worked traffic nets with Russ when I was in High School. He won a few ARRL DX CW contests, I believe operating from Bud Green or Bill Wiend's QTH.. or one of the other **FRC** big stations back then. He concentrated on 80 meter DX from shortly after that time until recently, as far as I know.

From N3RS:

Russ was a super op and operated from the W3ECR station near Lancaster. He did win several ARRL DX contests from there. It was the "Super Station" of the **FRC** in those days. That was back in the 50's and early 60's. W3NOH, now K3CY also won one or two of those contests using the W3CTJ station up near Ambler. They were both excellent operators. Russ had a pair of phased verticals on 80M at his home in Elizabethtown, PA and was a force on that band well into the 60's and early 70's.

FRC CONTEST SCORES—2006 ARRL DX CW

Station	QSOs	Cntrys	Class	Score	Station	QSOs	Cntrys	Class	Score
AA1K			SO	3,414,798	N3YW	329	144	SOA	142,128
AA3B	2,593	401	SOA	3,119,379	N3ZA	693	301	SOA	624,876
AB2E	326	175	SOA	170,265	NA2U			SOA	22,842
HH7/N3BNA			SOL	633,138	NE3F			MS	1,912,500
<i>Op N3BNA</i>					<i>Ops NE3F K3ATO</i>				
K2AX			M2	2,454,783	NN3Q	1,875	316	SOA	1,765,176
<i>Ops K2AX K3ZV KD2P N2AK</i>					P40W			SOA	5,282,112
<i>N2SR N3RG W2OF W2RDS</i>					<i>Op W2GD</i>				
K2CJ			SOA	82,038	V47KP	3,753	283	SO	2,337,297
K2DM			SOQ	338,436	<i>Op W2OX</i>				
K2NG	2,651	484	SOA	3,849,252	W1GD	1,241	353	SOA	1,314,219
K2PS	1,314	272	SOL	1,068,961	W2CG	1,517	355	M2	1,615,605
K2QPN	414	185	SOA	229,770	<i>Ops W2CG W2EN W2NO</i>				
K2TTT	181	150	SO	79,650	W2IRT	513	257	SOA	395,523
K3GYS			SOL	55,719	W2LE	925	278	SOA	771,450
K3ND	710	303	SOA	645,390	W2NO			SOA	127,512
K3OO	2,546	424	SOA	3,237,240	W2UP	3,083	442	SOA	4,088,058
K3PH	721	237	SOQ	512,631	W2VQ			MS	190,080
K3WW			MM	4,355,307	<i>Ops W2VQ KC2NMZ</i>				
<i>Ops K3WW K3IPK</i>					W2YC			M2	1,500,840
KC2NB			SO	73,248	<i>Ops W2YC AA2WN N2CQ W0MHK</i>				
KF3B			SOA	874,368	W2ZQ	1,904	377	MS	2,153,424
KP2/K3MD			SOL	1,429,947	<i>Ops AB3AH K2QM</i>				
<i>Op K3MD</i>					W3BG	913	317	SOA	868,263
KQ2M	825	194	SO	480,150	W3BGN	3,178	464	MS	4,418,208
KQ3F			SOA	1,218,231	<i>Ops W3BGN K2TW NO2R</i>				
KW3F			SOA	202,800	W3CF	302	177	SOA	159,831
N2LT			SO	2,735,040	W3FV	1,875	375	SOA	2,109,375
N2MR	331	178	SOA	176,754	W3FVT			SO	146,832
N2NT	3,283	419	SO	4,125,474	W3GK			SO	532,650
N2RM	2,201	304	SO	2,006,400	W3NX			MS	861,588
N2VW	383	207	SOA	237,222	<i>Ops KD2HE N3NR</i>				
N3AD	2,849	423	M2	3,611,574	W3TUA	192	120	SO	69,120
<i>Ops N3AD N3DXX</i>					W8FJ	1,906	406	SOA	2,309,328
N3GNW	222	122	SOA	81,252	WA2VYA			SO	403,658
N3MX	818	315	MS	773,010	WE3C			SOA	2,405,364
<i>Ops N3MX K3YD</i>					WP2Z	6,700	317	M2	6,371,700
N3RJ			SO	358,479	<i>Ops K3CT K3TEJ</i>				
N3RW	81	31	40	8,016	Total				87,538,281

FRC CONTEST SCORES—2006 ARRL DX SSB

Station	Class	Score
AA1K	SO	2,369,718
AB2E	SOA	55,770
K2AX	MS	1,277,727
<i>Ops K2AX KD2P N2SR N3RG W2OF</i>		
W2RDS		
K2CJ	SOA	208,800
K2PS	SOA	1,354,644
K2QPN	SOA	47,250
K2SQS	SOA	63,531
K2TTT	SOA	616,938
K2UT	SOA	134,514
K3CT	SOA	236,280
K3GYS	SOL	84,753
K3IPK	SOA	180,576
K3MD	MS	1,160,976
<i>Ops K3MD N3PUR</i>		
K3OO	MS	652,620
<i>Ops K3OO W7TDC</i>		
K3WW	SOA	1,844,832
KC2NB	SO	309,618
KQ3F	SOA	449,232
N1RK	SOA	439,920
N2MR	SOA	193,200
N2NT	SOA	2,329,470
<i>Op W2GD</i>		
N2RM	SOA	1,150,500
N2VM	SOL	13,725
N2VW	SOA	168,165
N3AD	SOA	1,348,584
N3MX	M2	1,320,660
<i>Ops N3MX AB3EI K3YD</i>		
N3RJ	SO	250,632
N3RS	M2	5,126,799
<i>Ops N3RS N3DXX N3ED N3NA N3RD</i>		
W8FJ WA3LRO		

Station	Class	Score
N3YW	SO	281,740
N3ZA	SOA	718,146
NA2U	SOA	669,600
NY3C	SOL	8,772
PJ4G	SOA	5,494,230
<i>Op K2NG</i>		
V47KP	M2	5,074,731
<i>Ops K3NM W2OX</i>		
W1GD	SOA	1,006,080
W2LE	SOA	357,555
W2RD	SOA	261,738
W2YC	SO	117,750
W3AP	20	21,285
W3BGN	MS	4,429,125
<i>Ops W3BGN K2TW NO2R</i>		
W3CC	SOA	542,430
W3CF	SOA	408,918
W3GM	SOA	409,944
<i>Op K3ND</i>		
W3IZ	SO	66,300
W3MF	MS	1,043,247
<i>Ops W3MF K3PH</i>		
W3PP	SOA	1,153,035
W3TT	SOL	3
<i>Op N9GG</i>		
WE3C	M2	4,452,840
<i>Ops WE3C KQ3V N3FTI NM3E NN3Q W3FV</i>		
WP2Z	M2	6,311,700
<i>Ops K8MJZ N2TK</i>		
WT3Q	SOA	411,570
Total		55,479,673

Icom 756 PRO III Loopback Connection

By Alex Aimette, W2OX

For your general info: The 756 PRO III can easily be modified for a loopback connection ala 781, TS950, etc. I will write this up when I get back up north but am including the general info here for those who wish to make the mod.

#1 --Look at the BLOCK DIAGRAM SCHEMATIC , A-6377H-6G. Look at the far right hand, upper portion, which shows the CHASSIS, the TUNER-A UNIT the CTRL-A UNIT, and the RF-B UNIT. Start at the CTRL-A UNIT, at the LPF box with the output labeled RX leading from the CTRL-A UNIT to the RF-B UNIT to the RL 101 relay---THIS THE LINE YOU ARE GOING TO BREAK!. Note that the other terminal of the relay comes from the CHASSIS RX ANT through a LPF.

#2 ---Next go to a second SCHEMATIC DIAGRAM , A-6377H-5G. Again go to the right hand end of the schematic and look at the CTRL-A UNIT above and the RF-B UNIT immediately below on the diagram. On the lower left hand side of the CTRL-A UNIT there is a plug labeled J2 RFRX with lead going down to the RF-B UNIT a male plug labeled (CTRLJP2) which plugs into the female J101 RX receptacle on the RF-B UNIT.

#3---The loopback mod consists of removing the male plug (CTRLJP2) from the female J101 RX receptacle and plugging into a similar female receptacle mounted on the end of RG174 coax terminated in a female RCA JACK which comes out of the PROIII. A second cable, also with a RCA female jack on RG174 goes back into the PROIII and has a male plug (same as the (CTRLJP2) which then plugs into the board mounted female J101 RX receptacle.

Thus to use the loopback you plug your K3ND Filter & BEV box into the female RCA plugs which come out of the PROIII. When not using the loopback you need to make a double male RCA jumper. When you want to return the PROIII to its original virginal state you remove the two leads coming from the PROII and replug male (CTRLJP2) into the chassis female J101 RX and everything is back to factory issue.

#4 -What you need is the male and female subminiature male and female set of plug and receptacles. These you order from ICOM as parts: No. 6510007020 for the female chassis mount and part No. 6510003240 for the male plug. Cost about \$4.00 plus shipping. I ordered two of each to be safe. You need RG 174 coax and the female coax mounted RCA jacks from radio shack.

#5--- To find the requisite plug and jack in the PROIII proceed as follows.

a - remove the BOTTOM COVER of the PROIII

b- you then have to remove the bright shiny cover plate on the back right hand side of the PROIII. I am assuming the PROII is on its back showing you the bottom inside of the rig, with the rear/back panel towards you. If I remember correctly this shiny cover plate is held by six screws.

#6 Now look at the PRO III back/rear panel after you take the shiny plate off. At the rear edge of the board you have uncovered, just above the TRANSVERTER & RX ANT RCA female jacks, you will see the cable and (CTRLJP2)plug,(IT HAS A PURPLE BAND), plugged into the female chassis receptacle J101.

Carefully lift off the plug (CTRLJP2) and now plug it into your prepared lead--the one you made up with the female chassis unit from Icom.

Plug the male plug lead you prepared into the J101 chassis receptacle, and carefully lead the both coax leads with their in-line female RCA jacks out of the back of the PROIII. I used a small wire tie to fasten both coax leads in the PROII.

#7- Carefully replace the shiny cover plate as you found it and replace the 756 bottom cover plate.

WARNING: THE SUBMINITURE COAX MALE AND FEMALE UNITS REQUIRE CAREFUL WORK TO

FRC MEMBER SUBMISSION

BE PROPERLY MOUNTED ONTO THE RG174 MINITURE COAX WITHOUT WRECKING THEM.

V44KAI used a magnifying head band, a temperature controlled miniature soldering iron and hot glue and it took him 20 minutes of very careful, accurate work to make the leads.

WARNING: UNLESS YOU ARE WILLING TO TAKE THE TIME AND EFFORT AND HAVE THE SKILL TO DO THIS WORK GET SOMEONE IN THE FRC FAMILY WHO CAN DO THIS TO HELP.

Later on I will write this up with pictures and use a PROIII service manual picture to show you the places I have talked about here.

If you are desperate and have to get this done and want the copies of the service manual, send me a SASE request to my Florida address:

Alex. Aimette, 1426 Thrasher Dr, Punta Gorda, FL 33950

73, Alex, W20X

K3NZ's Station sale

K3NZ and Nancy have decided to sell Norm's complete station. The following is a list of all of the major equipment. The towers and antenna are all on the ground. I was involve in the antenna and tower tear down. If you have any questions about the towers or antennas, I may be able to answer your questions. **ONLY EMAIL** me at, "bgkx@ptd.net" with your questions.

As for contacting Norm's wife Nancy, she is requesting that you only call between the hours of 7 am to 12 noon. Evening hours between 4pm and 8 pm. Please **DO NOT** call on off hours! Phone: 610-799-4044

The last time the station was on the air was one year ago. All equipment was in fine working order at that time. All equipment is sold, "As Is."

- ◆ Hy Gain Yagi,20 meter four element = \$250
- ◆ 60 plus foot Rohn 45 fold over tower = \$1000 including all the hardware, thrust bearing, coax, guy cables and lightning arrestors.
- ◆ Two TX2 rotors with the automatic control boxes. \$600 each
- ◆ Icom 756 PRO II with an Astron SS30M metered power supply, CW computer interface and a contest remote voice keypad. Icom package is selling for \$1600
- ◆ Kenwood TM D700A dual band 144/440 MHz = \$400
- ◆ Top Ten Device, Inc remote antenna relay package for Icom = \$100
- ◆ Drake TV1000 low pass RFI filter = \$10
- ◆ Heathkit KW Cantenna = \$5
- ◆ Home Brew 13.8 volt regulated power supply with meters = \$35
- ◆ Daiwa CN 101L 1.8 to 150 mhz wattmeter. Three scales 15, 150 and 1500 watts. = \$70
- ◆ Daiwa CN 801 VHF/UHF wattmeter = \$90
- ◆ Cushcraft A2706S beam 144 and 440 MHz, elements per band = \$ 45.00

Barry G. Kery, KU3X,
bgkx@ptd.net

Reprinted with permission from the March 7, 2007 Contest Rate Sheet

The 2007 Dayton Hamvention RTTY Forum will be held on Sunday, May 20 from 10:15 AM-12:00 in Room 2 of the Hara Arena. Speakers include Ken K1EA and Ed W0YK. Ken will discuss log checking, distinguish between myth and reality, busted/unique calls, serial numbers, and packet poaching. Ed will discuss ideas for efficiently improving RTTY contesting. Time permitting, there will be a question-and-answer session, following the presentations. (Thanks, Shelby K4WW)

Have you had any special insights into how to operate your digital battle station in RTTY contests? Technical papers are solicited for presentation at the 26th Annual ARRL and TAPR Digital Communications Conference to be held September 28-30, 2007 in Hartford, Connecticut. These papers will also be published in the Conference Proceedings (you do NOT need to attend the conference to have your paper included in the Proceedings). The submission deadline is July 31 - . Please send papers to Maty Weinberg, ARRL, 225 Main St, Newington, CT 06111 or you can make your submission via e-mail to: maty@arrl.org. Papers will be published exactly as submitted and authors will retain all rights.

Martin LU5DX has just posted a new entry in his blog about the 2007 ARRL DX CW contest from LU4DX. It is a three-part article available for viewing at <http://www.lu5dx.blogspot.com/> He recorded the whole contest, so as soon as he gets the audio clips from LU4DX, they'll be uploaded.

Who uploads all of their contest logs to Logbook Of the World? While you can query the LOTW system for a specific call, there is no "LOTW Directory". If someone is up for hosting a Web page to which contesters could post their calls as being LOTW-savvy, it might serve to spur additional interest in the online-QSLing service. It might also attract more casual contesters looking for WAS, DXCC, IOTA or other awards programs interfaced with LOTW. No need to pester me about it - just put your Web site up and let us know!

Jamie NS3T has done a lot of work using recorded audio files for contesting. You can hear how it sounds at <http://www.jdupree.com/ns3t.wav> and <http://www.jdupree.com/ns3t-1.wav> . Both files are about 500 kbyte each and contain 4 QSOs over about a one minute period.

With a nod to the past, here's the Operating Tip from Issue Number One: Unless the station running the pileup explicitly specifies otherwise, always send your full call sign, even if it's a 2x3 with a portable or upgrade designator. By doing so, you increase the likelihood of good things happening. For example, more of your call is likely to be received by the operator on the other end. This reduces the number of stations that are likely to respond (in competition with you) to the partial call. It will also increase the contact rate for you and for the other guy.



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)

Reprinted with permission from the March 7, 2007 Contest Rate Sheet

Here is Cecil W5DXP's scheme for an adjustable (i.e. - tunable) Top Hat. "I ran a wire down the inside of the vertical. The two ends of the wire were attached to a Dacron cord run through a pulley in a tree. When the wire was inside the vertical's aluminum tubing, there was no top hat. When the wire was pulled outside the tubing, there was a top hat. Resonance at any frequency on the 80 meter band could be had by adjusting the length of the top hat wire that was outside the aluminum tubing. I installed small metal pulleys at the top and bottom of the vertical to avoid wearing out the wire and Dacron cord.

Collars are used to hold tubing, such as a mast, in place against a load or support. They are also used to hold gears or cams in place on a mast. These may be hard to find but Art K6XT and Bruce K0YW have an inexpensive and widely available substitute - use the saddles from two properly-sized muffler clamps and bolt them together around the mast. To hold the gear on his mast, K0YW drilled four small holes to hold 10-32 screws that went through matching holes in the gear. The result was a strong adjustable height gear mounting that had

perfect concentricity with the mast. To hold the mast and antenna weight, stacking 2-3 collars works very well for sizeable vertical loads.

GE feed-through's for coax, available at Home Depot, work great with RG-8X. A long 3/8" drill bit and some caulking are all that is required to feed the coax through the wall in professional style. (Thanks, Brian K7ON)

The question was posed, "Just how straight must a Beverage antenna be?" To which Tom W8JI replied, "Not terribly unless you run pairs. Then the pairs must be reasonably aligned, say within 1/8th wave, or loss of null depth occurs. An arrow straight Beverage makes the owner feel better though, and that is worth several dB."



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- **IC-U82** 70cm UHF HT \$ 99.95
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- **IC-7800** BIG GUN XCVR \$ 9,299.95



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www.HamAv.com

E-mail Inquiries: info@HamAv.com

Advisory to Amateur Radio license/upgrade applicants: Use your FRN!

ARRL Volunteer Examiner Coordinator (ARRL VEC) urges all Amateur Radio license and upgrade applicants to use their FCC Registration Number (FRN) <<<https://svartifoss2.fcc.gov/coresWeb/publicHome.do>>>, if they have one, when completing Form 605, not their Social Security number. The FCC asks applicants to register via the FCC's COMmission REgistration System (CORES), to obtain an FRN, and it requires applicants to use their FRNs when filing Form 605. The FRN uniquely identifies an applicant in all transactions with the FCC and avoids the need to provide a Social Security number on the application form. ARRL VEC Manager Maria Somma, AB1FM, says that if her department submits license data to the FCC using a Social Security number when the applicant already has an FRN, the FCC rejects the data because an FRN already exists. Somma also reminds applicants and Volunteer Examiner teams to attach any Certificate of Successful Completion of Examination (CSCE) for element credit to upgrade applications. Using your FRN and attaching any needed CSCE to your Amateur Radio application in Form 605 will eliminate delays in obtaining your license or upgrade.

Atlantic Division 2007 Awards Nominations

Do you know someone who has really stood out in their service to amateur radio? That service could be in: technical abilities; public service; training; education, you name it. Wouldn't it be an honor for that individual or group to be recognized by their peers for their time and talents spent in good service to others? Why not nominate them for one of the Atlantic Division Awards that they qualify for?

Nominations are being sought for two awards, Amateur of the Year and Technical Achievement Award. Atlantic Division awards are presented annually to the hams who make us proud to be part of the Amateur Radio Service. Nominations are taken from the ham community. Selection is made by an Awards Committee chaired by the Atlantic Division Vice Director.

The awards are conferred at the annual Division Convention. The nomination period closes April 14, 2007 for this nomination. For more information, go to <http://www.atldiv.org/AtlAwards.htm>

Upcoming Hamfests (Thanks to Glenn, K3SWZ)

April 22	York, PA
April 29	Mountaintop, PA
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

<http://www.lz1jz.com>



Notes From Your Editor

Hard to believe yet another year has gone by. This month marks the beginning of my 24th year of writing this column for you. Lots of changes over all those years!

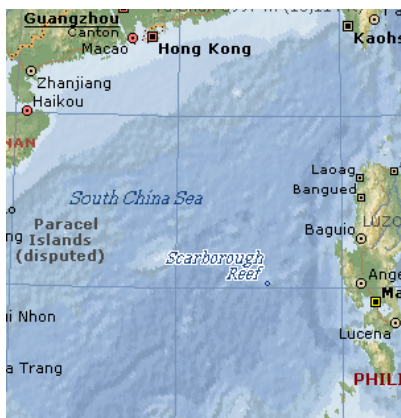
I can recall writing that first on a Radio Shack TRS-80 or “trash 80” as they were affectionately known. An audio cassette recorder for storage and 16K of RAM – wow! What a powerhouse! Then I got my first floppy drive: took 5.25 inch floppies that could store 160K of data and had access time could be measured with an hourglass. But, hey, this was state of the art. And, of course, I had to have state of the art technology in radios: Collins S-Line. For a real radio aficionado of the time the S-Line had to be round emblem –C versions: 75S3C receiver and 32S3C transmitter with the hot accessory at that time: a DX Engineering speech processor.

Technology has certainly come a long way since those days. I don’t know what I would do with that “trash 80” today but sometimes I think it would be nice to play with that now long gone S-Line again. Have to be careful though. The last time the nostalgia bug bit I bought an HQ-180 that has been sitting on my workbench for over a year. Maybe someday I ‘ll get it working.

UPDATE: N2SS SUNSPOT CYCLE PREDICTION

No sooner had I gone out my limb last month declaring October 2006 will mark the end of Cycle 23 (the official end isn’t declared until 12 months after it actually occurs) than I received an email from W2BHK pointing out that NOAA is now predicting the end of Cycle 23 is still

6 months away. Am I really a year off? We won’t know for some time but I will keep you posted. (For those who might be interested, W2BHK, who was an active FRCer, moved out of the area a number of years ago and is now living in Virginia. Joe can be reached at: w2bkh@earthlink.net)



BS7H – SCARBOROUGH REEF

Ready to work that card table sticking out of the South China Sea?? After a number of years of inactivity (the last dpxpedition was threatened by gunboats) a large international dpxpedition team has secured landing rights and hopes to be on the air the last 10 days of April signing as **BS7H**. Plans are for an all band all mode operation with QSL’s handled by KU9C. For the latest info and for post dpxpedition log checking, visit: www.scarboroughreef.com

A5 – BHUTAN

JA8VE begins a two year assignment this month with the Bhutanese telecommunications ministry. He will be active from Thimpu as **A52VE** on 160-6 Meters CW, SSB and digital modes. QSL via JF1OCQ.

KH8/S – SWAINS ISLAND

N8S by K1LZ, K3LP, N3KS, N6TQS, RK3AD, RA3AUU,

RZ3AA, SV2BFN, UA3AB, YT1AD, YZ1BX and YZ7AA should be coming on the air as you read this. Things have been moved up by one day since the last report and they should be on the air, on all bands including 60 Meters for 10 days beginning April 3rd. QSLs will be handled by YT1AD. Don’t forget to update your logging program to identify N8S as Swains Island, otherwise you’ll miss the call out alerts.

ST2 – SUDAN

S57DX, currently active and signing as **ST2R** will be pulling the plug after April 20th. If you need him, better work him soon. His activity is concentrated on CW on the WARC and low frequency bands. QSL via his home call.

CURRENT OFFICIAL ARRL DXCC STATISTICS

Active Count.....	337
Deleted Count.....	58
Last Addition.....	KH8/S
Last Deletion.....	STØ

DX ALERT LEGEND

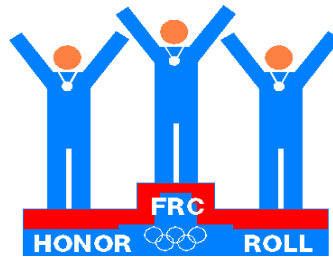
- 160 METER ALERT
- IOTA ALERT
- RTTY ALERT
- WARC BAND ALERT

"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



APRIL **CONDUCTED by N2SS** **2007**

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL.. 335	K2FL...339	N2TK ..329
N2TK333	N2TK 338	K2FL.....327
N2LT324	N2LT 336	N2LT.....321
W3BGN320	W3BGN ... 332	W3BGN ...315
W2YC306	W3CF 332	W3CF303
N2SS294	N2SS 324	N2SS.....302
W8FJ293	W2UP 317	W2YC278
K2PS289	W2YC 309	K2PS.....269
W2UP284	K2PS 308	W2UP265
N3RD268	W8FJ 296	W8FJ.....233
K3II234	N1RK 257	N1RK.....218
W2LE221	K3II 252	K3II.....203
W2IRT212	W2LE 244	W2LE198
W2RQ182	W2IRT 241	N3KN191
AA2WN...174	W2YR 202	W2YR.....187
K3CT134	K2AX 192	NA2U156
AB2E132	W2RQ 192	W2IRT122
W2YR131	N3KN 171	W2RQ119
N2VW126	NA2U 167	W2IRT105
N3KN126	K3CT 126	AB2E92
N1RK116	AA2WN ... 122	K3CT83
NA2U110	AB2E 110	K2AX69
W3CF61	N2VW 85	N2VW33
K3GYS17	K3GYS 85	K3GYS30
K2AX15	AA2WN.....20

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

W3BGN297	AB2E 100
AA1K291	N2VW 95
WT3Q264	W2CG 95
N2LT257	W2IRT 93
N2TK254	NA2U 83
NO2R241	W2YR 81
K3SX237	N2SS 79
W8FJ225	K2AX 77
W2UP204	W3CF 77
K3JIG215	K3NL 70
W2YC191	W2LE 64
W2RQ166	K3CT 63
K3II158	N1RK 51
N3RS156	AA2WN 50
K2FL143	N3KN 34
K2PS109	K3GYS 12

W3BGN continues as the undisputed Top of Top Band.

Digital

W2UP.....340	W2YR 132
N2LT337	KQ3F 132
K2PS295	W2CG 66
W2YC267	N2SS 53
AA2WN187	N1RK 39
N3KN181	K3GYS 15
W2IRT159	W8FJ 12
W2LE141	

MOBILE DX

W2YC276	K3GYS 143
AA1K273	AA2WN 131
N2SS234	W2YR 28

1.5K Club

K2FL..... 1718	K3II1449
W3BGN 1706	W2CG1408
N2TK 1697	W3CF1403
N2LT 1695	AA2WN1379
W2UP 1676	NA2U1365
W2RQ 1645	K2AX1334
N3RS 1626	N1RK1300
W8FJ 1607	N2VW1299
W2YC 1571	W2LE1193
N3RD 1553	AB2E1185
NO2R 1552	K3CT1180
K2PS 1538	W2YR1153
N2SS 1529	N3KN1120
.....	W2IRT1087

Islands On The Air

K2FL..... 1012	N2VW267
N2SS 841	W3CF253
W2YC 645	W2YR244
W8FJ 623	W2IRT232
N1RK 549	K3GYS232
WA3RHW292	AB2E205

6 METER DXCC

N2LT.....107	N3KN52
K2PS 104	W2YR44
AA1K 99	W2YC29
K3OO 80	K2AX18
K3SX 75	AA2WN15
N1RK 57	N2TK12
N2SS 55	K3GYS10



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

The Frankford Radio Club

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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

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