



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

March 2002:

- 1** FRC South, 6 PM
- 2-3** ARRL SSB DX Test
- 12** FRC Meeting, K of P, 6 PM
- 12** FRC Meeting "B"
- 16-17 Russian DX Test
- 21** T.I.T.S. meeting, Noon
- 26** Meeting "B", 8 PM
- 30-31 CQ WPX SSB Contest

April 2002:

- 1** April Fool's Day!
- 9** FRC Meeting, Phila, 8 PM
- 9** FRC Meeting "B"
- 18** T.I.T.S. meeting, Noon
- 23** Meeting "B", 8 PM
- 27-28 Florida QSO Party
- 27-28 Helvetia Contest

October 2002:

- 26-27** CQWW SSB DX Test

November 2002:

- 23-24** CQWW CW DX Test

CHANGES

New Email Address

N3RS

n3rs@comcast.net

W3CF

doug@w3cf.com

or

w3cf@comcast.net

Important March Meeting Info! NOMINEES for FRC OFFICERS

PRESIDENT W3CF
VICE PRESIDENT N3BNA
SECRETARY K3ZV
TREASURER K2QM

Nominations will be accepted from the floor, then elections will be held at the March Meetings.

FRC New York City Club Meeting

Date: March 7th

Time: 7:30pm

Location:

Jerusalem II Pizza

1375 Broadway (Between 37th/38th street)

New York, NY

212-398-1475

FRC NYC Meeting. Fulfill your meeting credit and discuss results of ARRL CW/SSB Contest. The meeting location is within walking distance from Grand Central, Penn Station, Port Authority, NJ Path, Subway lines 1,2,3,4,5,6,A,C,E,B,D,F,Q,W,N,R,S,7. Contact Zev, n2wks@arrl.net 212-419-3052 for directions.

FRC CQWW 160m CW Claimed Scores

<u>Call</u>	<u>QSO</u>	<u>W/VE</u>	<u>DX</u>	<u>Score</u>	<u>Class</u>
N2NT	954	54	42	290,400	SOHP
N3RJ	270	48	8	57,365	SOHP
N4XU	269	45		30,285	SOLP
NE3F	359	48	19	65,995	MULTI
<i>Ops. NE3F, KS3F, NT3V</i>					
NO2R	857	54	48	350,676	PACKET
V47KP	570	52	36	277,376	SOHP
W2GD	1201	58	58	551,000	Multi
<i>Ops. W2GD, N2NC, N2NU, N2OO, W1GD, W2CG W2NO W2RQ</i>					
W3BGN	813	56	38	270,626	SOHP
W3CF	22	13		689	PACKET
W3OV	321	44	7	37,638	PACKET
W3RJ	228	39	23	46,686	SOHP

From the President



48 HOURS TO GO!

This is it! The end of the 2001-2002 Contest season is here. 48 hours of enduring the SSB squawking and we can take the summer off to fix what needs fixin' and plan for next year's battles. Conditions on the CW weekend were fantastic and the scores you guys and gals made have us neck and neck with our neighbors to the north. It is a UBN horse race so be extremely careful logging questionable contacts. If in doubt at all better to wipe the QSO than guess or THINK you had the call or exchange right.

I want you all to know that I am proud of all of you and the job WE have done this year. They out number us almost 2.5 to one and we have the chance to walk into Dayton with a grin on our face and an Unlimited Club class victory in our clutches. Think about that when it's just after 0700 and you are nodding off. Splash some water on your face and get back in the game for another 5 mults or 50 Q's or whatever goal you decide to set. Try and give the little extra effort that will help us collectively. Make it a point to spot our DXpeditions EVERY time you cross paths with them.

The February meeting at the Firehouse in King of Prussia had 26 attendee's and I think we all had a great time. The March meeting will be held at the same place on Tuesday March 12, 2002 at 6 PM. **K3WW** will be doing a score presentation for the ARRL tests. The election of officers for the 2002-2003 contest season is also on the agenda. The meeting will begin with dinner at 6 PM followed by the business meeting about 7:30 PM. Please try and make this meeting and join us in celebrating a great season. Bring a guest, too.

Good Luck in the test!

73, **Doug W3CF @ V26S for SSB**

FRC ARRL Contest DXpeditions

Tony, **N2TK** will be using **WP2Z** single op for ARRL SSB test. He will use **N2TK/NP2** before and after the test.

Zev, **N2WKS** has reserved the **V26B** site for ARRL Phone

WE3C, **N3FTI** and **KQ3V** will be on as **VP5A** during the ARRL phone

For Sale

IC-751A \$650 includes. external power supply/filters/external speakers.
This is a good contest/dxpedition radio. Check out the reviews on www.eham.net
Contact Rick K3OO at rsaeger@fast.net

Salt water and a fiery CQ WPX or.....you think contesting is easy?

By Yuri Blanarovich K3BU, VE1BY, VE3BMV

As a part of a real life investigation of an ocean front QTH effect on antennas, propagation and contest scores, I have been testing waters at Cape Hatteras, NC. First I tried simple verticals to see the sea water magic. I was impressed; it looks like about 10 - 15 db advantage. The next step was to come up with better antennas to take advantage of the phenomena and model some stuff for low bands using 10m setup in the contests.

Here comes NT1E in WPX - What an adventurous contest! I tested 4 square and 3 el quad at the home QTH and was looking forward to planting them next to ocean. I couldn't fall asleep Thursday night I was so excited. I got up at 2 AM and took off for a Cape Hatteras, NC beach adventure. Had car problems (F\$%^# fuel filter), got there late, barely managed to set up antennas. Rig problems, amplifier relay quit, no spare, two radio switching doesn't work (labels faded, I forgot how I wired it :-). The contest starts and I'm trying to figure out this mess. I finally gave up, and wired it all for straight 1 radio, 1 foot switch, two antennas, single band 10m. Made a few QSOs Friday night. After the band died, I was still trying to figure out two radio switching. No luck. At 3 AM and dead tired, I hit the bed. Set the alarm for 5:30 AM. Usually I don't need an alarm. I usually wake up 5 min before the alarm goes off. Not this time.

When I wake up, there is bright sunshine, it's 8:30 AM, the band is in full swing and I am like a moth next to the lamp. Oh well, just have to do my best. Limping on one radio, low power. Maybe I will have more time to test the antennas. For the first time I am trying a 4 square and 3 el. dual polarized quad on the beach. It is a half wave up (16') mounted on the boat ramp over the salt water. The quad seems to have an advantage most of the time, but there are a few cases when three calls on the quad would not get any attention, while one call on 4 sq would get immediate response. Hmmm!

There's ugly weather, with strong winds, horizontal rain, antennas dancing in the wind. The quad shifts on the mast, and I need to check the headings from the window. Hope for LP US record? Not a chance when closing bell rings. I disassemble the antennas in the wind and dark and get ready to leave in the morning. I wake up to a beautiful calm sunny day. At least the drive home will be more pleasant. I decide to make a few mobile QSOs on 10m to check the effect of the salt water. Sure enough, it works like an amp. If I get away from it, signals drop. What magic! Past Richmond, VA I figured I had time to reward myself with a fine cigar. Stop the car, to check on fluids. I try to light the cigar,

but have no lighter. Just remembered I have a pencil soldering gun, get it from the trunk, light up cigar, put the soldering gun on the cassette tray and fasten the seatbelt to leave. I take a puff only to notice black smoke (from the cigar?), look down and see my cassette tray on fire. I quickly throw it out, sprinkle club soda on rest of fire, and extinguish burning cables under the dashboard with my bare fingers. Ouch! I have blisters on my fingers already. Bye, bye cigar. I'm lucky that fire didn't spread under the dashboard. I have seen cars burning on the highway, not a pretty sight. Never mind the car, but the radio stuff was worth many times more than my trusty 72 Buick LeSabre Radiomobile. The rest of the trip was uneventful :-). That soldering gun had some defect, as it would not always shut off immediately, and kept going for few seconds. That's what caused the fire. I was happy with results of antenna tests. The 4 square performed much better than triangular parasitic array with Stackmatch, and the 3 el. quad performed much better than parasitic vertical arrays I have tried in the fall.

Recent operation in CQ WW SSB with the same antennas and setup, but from my home land locked QTH appears to indicate that ocean front has about a 50%. The 4 square (elevated one radial, no ground screen) seems to be down about 2 - 3 S-units from the quad when over land, while at the ocean they were very close. It was striking to see by the ocean weak DX stations calling CQs with no takers at the band openings and closings and no problems getting them at first call (!), while from the home QTH I could not hear some stuff neighbors were working. At the salt water QTH the bands are dead quiet. I could hear Sun noise coming over salt water. It's a very eerie experience. First I thought it was a line noise, only to realize that there were no power lines or anything but salt water for some 100 miles in that direction. When moving the quad around I realized that the noise was peaking exactly where the sun was. No mistake there, the Sun's reflection in the water was a perfect indicator.

So I concluded that at the salt water front, there is no need for high towers. Half wave high dual polarized arrays and vertical arrays can outdo high horizontal stacks plus you get about 10 - 15 dB "amplification" provided by the salt water "ground" and the horizon. I am looking forward to doing more of the ocean front operating. An airstream trailer and a bunch of "fishing pole" antennas can do miracles.

ARRL ANNOUNCES ON-LINE "CONTEST SOAPBOX"

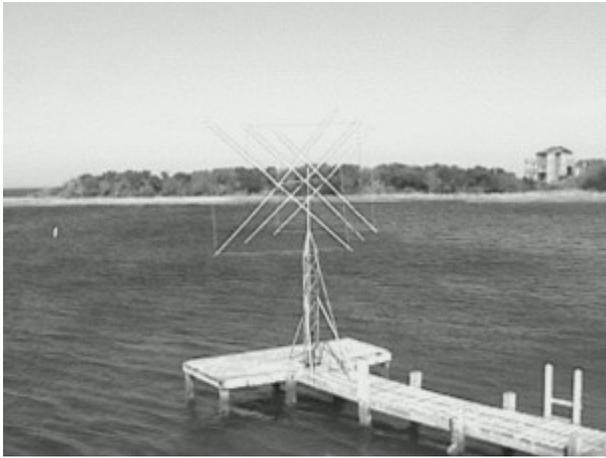


Photo of 3 el oceanfront quad, courtesy **K3BU**

Notes from the Editor

I'd like to take a little space to thank Norm, **K3NZ**, for his help in publishing this newsletter. I don't know when Norm took over the job, but he was certainly on call when I started editing. From the beginning, Norm has been patient beyond reason, willing to assist in any way he could. Every month I'd send him the newsletter, and sit back with the faith that Norm would do whatever magic he did to get the printed newsletter out. Thanks, Norm, you'll be missed!!

Next month, John, **K3ZV**, will assume the duties of publisher. I look forward to working with John, and know that Norm will help with a smooth transition.

On another note, my goal with this newsletter is still to make it more colorful and interesting to read. It's bad enough that my artistic talent is limited, but I haven't really had time to explore various color and font possibilities to make this an easier read. I'll keep trying to find the time. Meanwhile, suggestions are welcome.

More importantly, I'd like to make this newsletter truly worth reading. For that, I need your help. Everyone's help. If you have some interesting article ideas, run them by me. I have a few left to publish, but I could use a whole lot more. So give it a shot. Proper grammar, punctuation and coherent sentences are not required.....that's my job. Article ideas.....that's your job.

73, Joe, KQ3F

The ARRL Contest Branch has opened a new on-line Contest Soapbox page <<http://www.arrl.org/contests/soapbox>> for ARRL Contests. The site officially opened February 17, just in time for participants in the ARRL International DX Contest (CW) to take advantage.

"Our goal is to provide an entertaining and educational resource that can help attract interest in the contesting area of our hobby," said ARRL Contest Branch Manager Dan Henderson, N1ND. The ARRL Contest Soapbox is open to all--ARRL members and non-members.

Henderson said the new site will offer participants an on-line home to share soapbox comments, photographs and narratives related to ARRL-sponsored operating events. "We encourage you to visit the site and post comments," Henderson said. "Focus your comments on your involvement in the contest--funny things that happened, new experiences for you in the contest, stories that may help others to learn from your efforts, or simply your general impression of the event."

Henderson reminded participants that the potential audience to view postings is broad. "We encourage you to exercise decorum in your postings," Henderson added. The ARRL reserves the right to edit or decline posts that may be inappropriate. Responsibility for content of all posts rests exclusively with the item's author. ARRL staff assumes no responsibility for errors, omissions, and accuracy. All questions and comments should be directed to the person originating the item.

The ARRL Contest Soapbox is a work-in-progress, Henderson said. "Over the next several months and contests, we will be making additions and changes to the site." He welcomed suggestions for improvements via e-mail <n1nd@arrl.org>.

FRC 75th Anniversary

2002 marks the 75th anniversary of the **Frankford Radio Club**. To commemorate the occasion, the **FRC** is making available an award to anyone who contacts 75 or more **FRC** members in contests during 2002. The award is also available to SWLs. QSLs are not required. For more information on this award, please check the **FRC** web site:

<http://www.frc-contest.org/anniva.htm>

On the web site you will find a roster of active **FRC** members that can be downloaded. The file is in .DIF format which can be read by a variety of spreadsheet programs. The award is free to DX stations while an SASE is required for domestic stations. Also, an **FRC** tee shirt is available instead of the award for a fee of \$22.00.

During the 2002 Pennsylvania QSO Party, the **FRC** will serve as the "Bonus Point Station". The call used will be **W3FRC**. All contacts with **W3FRC** during the PAQP are worth 200 bonus points in the contest. A special, limited edition of the classic **FRC** QSL card will be used to confirm QSOs for this operation. QSLs will go via the bureau to all DX stations. Requests for domestic QSLs will need an SASE. The operation will be on 160 meters through 2 meters from the QTH of Bill - **K3ANS**. Hope to see lots of you on this weekend. Have a great 2002 contest year and good luck to all.

73s - John - **K3ZV**

Latest on ARRL Contest result publication

Recently the ARRL floated a proposal to remove contest line scores and Section News from QST and publish them on the ARRL Web site. This met with considerable response from the contesting community.

The issue was to be discussed at an ARRL Board meeting last month. However, below are excerpts from the minutes stating that the decision will be tabled until July 2002 so that ARRL membership can be made aware of the reasons for the change. (*thanks to Zev, N2WKS*)

ARRL Board minutes (cont.)

41. On motion of Mr. Stinson, seconded by Mr. Isely, it was MOVED that the 2002 budget submission is approved. On motion of Mr. Bellows, seconded by Mr. Maxwell, it was VOTED to amend the motion by adding the following resolution:

WHEREAS, the ARRL management and ARRL Board of Directors are committed to effectively and efficiently providing information of interest to all ARRL members;

and WHEREAS, the two primary means of providing information to members are QST magazine and the ARRL Web site;

and WHEREAS, ARRL management and the ARRL Administration & Finance Committee have proposed moving Section News and Contest Result line scores to the enhanced ARRL Web site in an effort to reduce ARRL operating losses while still affording a means of providing that information to ARRL members;

and WHEREAS, prior to deciding to relocate QST content from QST to the Web site it is desirable that members are aware of the reasons for the proposed relocation and the enhanced capabilities available on the Web site;

and WHEREAS, deferring the decision to relocate QST content will afford an opportunity to better understand the effect of such an action and investigate how best to provide this information and expanded content to members while being mindful of our fiscal responsibilities;

and WHEREAS, deferring the decision to relocate Section News and Contest Result line scores will afford an opportunity to evaluate variations and alternatives to the proposal.

NOW, THEREFORE, BE IT RESOLVED, that the determination of whether to relocate Section News and Contest Line scores from QST to the ARRL Web shall be deferred until the July, 2002 Board meeting.

FRC Fashions

After several weeks of investigation I have had to settle on a new supplier for FRC duds. Luckily I found one in the back yard so I can keep a watch on quality control. Here are the details:

FRC Hat...embroidered with the OLD FRC logo. One size fits all. In white or Navy. \$15.00

Jerzee's or equivalent 50/50 Cotton Polo. Medium weight so not too hot on the islands. OLD FRC logo embroidered over left breast pocket. These are the ones we bought for Team Antigua. The first 100% cotton shirts were too hot! Name and call over right breast. Navy or White
S-XL - \$29.50 add \$1.50 for each X up to 4 XL

Lined Satin Baseball Jacket w/ zippered front (sample was NICE!)
LARGE (over 400K stitches) FRC logo embroidered on back with an arcing Frankford Radio Club over the top in text. Name and call on front in Navy only.
S-XL - \$147.25 add \$2.00 each additional X to 4 XL

5.5 ounce T-shirt.. Silk screened with logo and 75th Anniversary text.
\$15.00 S-XL add \$1.00 per X and no pocket over 3 XL White or Navy

I will collect and bring to meetings or ship for around five dollars (it will probably be a little less)

Item	Quantity	Net	Size	Surcharge	Color	Total
Hats	_____ @	\$15.00 each	___	n/a	_____	_____
Polo's	_____ @	\$29.50 each	add \$1.50 per X over XL w/	Max 4X	_____	_____
Jackets	_____ @	\$147.25 each	Add \$2.00 per X over XL w/	Max 4X	_____	_____
T-Shirts	_____ @	\$15.00 each	75th Anniversary FRC T-Shirts.	Add \$1.00 per X over XL w/4 X max	_____	_____
Subtotal	-----					_____
6% PA sales tax....						_____
I'll bring to meetings or will find a box and ship for	\$5.00					_____
Total	-----					_____

Name _____
 Address _____
 Telephone or e-mail _____
 Call on shirt / Jacket _____
 Name on shirt/Jacket _____

PLEASE PRINT

SIZE _____

Money order or certified check please (last order I had some rubber checks ☺)
 Mail this form and address check to: Doug Priest
 1360 Providence Lane
 Hatfield, Pa. 19440

FRC QSL ORDER BLANK

Please print _____ FRC style QSL Cards using the printing information shown on the reverse side of this sheet and I have included \$_____ payment. Indicate below the style card you desire. In lieu of furnishing new information when having an exact or slightly changed version of a previous card done, you can simply attach an old card with any changes and we will use that for printing information.

The price per 1000 is as follows:

1000 single side (blank backside) = \$\$54.95

1000 two side (Standard back report) = \$69.95

For quantities of 5000 thru 9000, you may deduct 5% from the total cost.
For quantities of 10,000 or more, you may deduct 10% from the total cost.

We do accept Master Card, Visa, Discover and American Express Cards if you prefer.

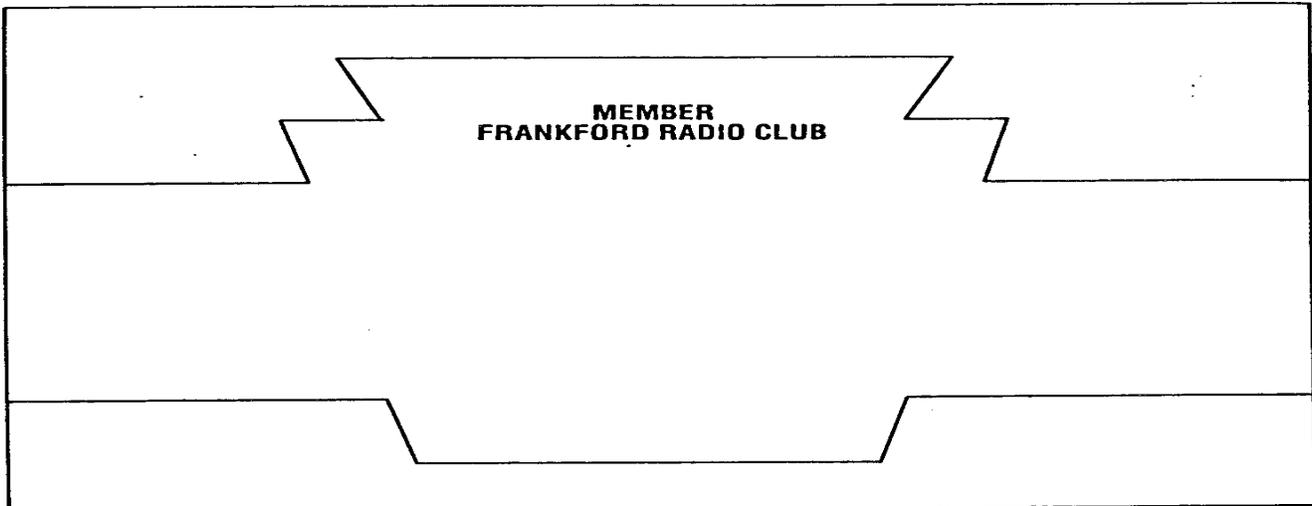
_____ expires _____

Signature _____

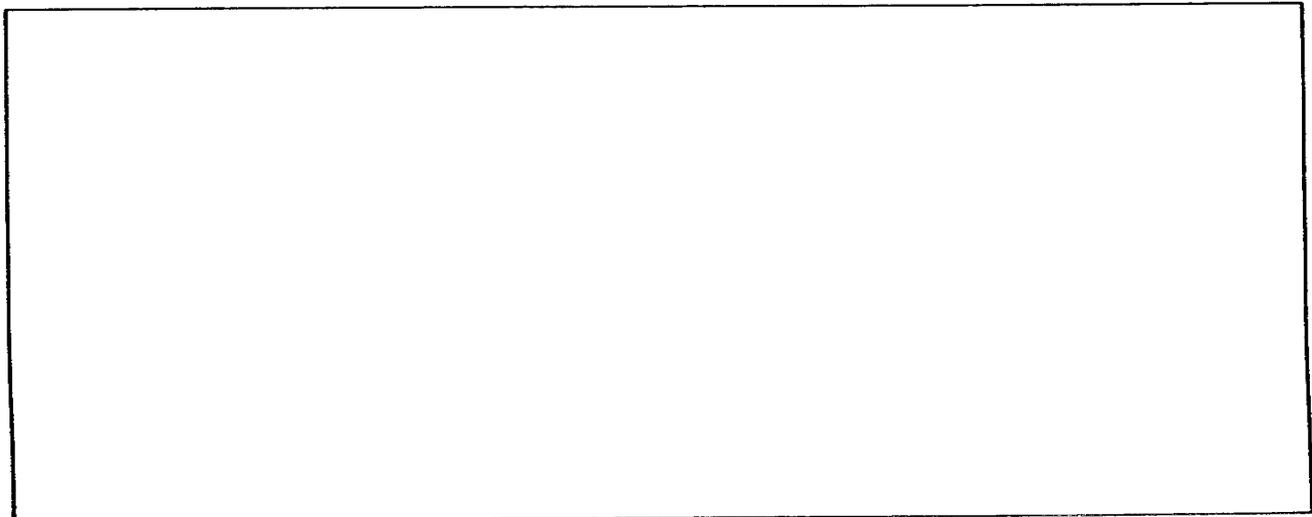
Send your order to: QSLs by W4MPY, P.O. Box 73, Monetta, SC 29105
Allow 2-3 weeks "in house" for printing.....we ship Priority Mail, so the shipping time is minimal.

Special instructions:

FRC QSL PRINTING INSTRUCTIONS



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N2SS
FRC DX NEWS
Editor

MARCH **17TH YEAR** **2002**

Notes From Your Editor

Our Honor Roll listing is now up to date with the inactive listings removed. The cut-off was January 2001; i.e. if I received no update since that time, I removed that particular call. So, if you look at the listings and notice your call is gone, you know what happened. To reinstate your totals, just send me an email or packet message with your latest totals.

6 Meters Anyone

Speaking of the Honor Roll, I've had a suggestion to add a 6 Meter Honor Roll box. If you would like me to do that, please let me hear from you. Several years ago someone had suggested adding 6 Meters to the Honor Roll listings but I had zero responses.

New Contact Information

Please note the changes in my work contact information at the end of the newsletter. The new work phone is my home office and the new email is my new business email address.

FCC RFI Handbook

For some inexplicable reason the FCC has deleted there excellent RFI Handbook from the FCC website. This is an excellent document for the lay person and great to have a copy on hand to pass out to a neighbor, should you get that telephone call or knock on the door during the next DX contest.

I had previously downloaded a copy of this document and converted it into Microsoft Word format. Print it out on a color inkjet printer and you have a perfect handout. Should anyone need a copy, drop me an email and I will be happy to send you a copy. The file, by the way, is just 125K.

! ! ALL TIME NEW ONE ! !
VP6 - Ducie Island

There b-a-a-ck! This month JA1BK and company will make their 2nd attempt to put Ducie on the air. See the details on the next page. Logs will be available at:
<http://www.big.or.jp/~ham/dx.html>.

CURRENT OFFICIAL ARRL DXCC STATISTICS

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

3W - VIETNAM

DL1DA is vacationing in Vietnam until March 15th. Activity is on 40 through 10 Meters, CW only, signing as **3W9KCS**. QSL via the home call.

5R - MADAGASCAR

Bruno, F5DKO will be active on 20 and 15 Meters from March 4th to 17th (call sign will be not be known until arrival). Also, he will operate from Nosy Be (AF-057) from March 4th to 10th and from Sainte Marie Island (AF-090) from March 11th to 17th. QSL via IZ8CCW at:

Antonio Cannataro
P. O. Box 360
87100 Cosenza - CS, Italy

EP - IRAN

Stig, LA7JO, has received his own callsign, **EP3UN** and be on from Teheran by the end of March and will be active for another 3 months. QSL to LA7JO home address.

ET - ETHIOPIA

Paul, W4PFM, is on a 6 month assignment and has just received his callsign, **ET3PMW**. Recently, he

has been active on 10 and 15 Meters. Try 28438 kHz after 1430Z. QSL via W7KEU.

H4Ø - TEMOTU

A Temotu DXpedition will take place from March 28th to April 12th by VK1AA. With past operations having concentrated on the higher bands, the plan is to spend as much time as possible on 40/80/160 Meters and the WARC bands, concentrating on CW and RTTY.

P5 - NORTH KOREA

Hrane, YT1AD, on the upcoming P5 DXpedition says he and Voja, YU7AV are ready for their departure to Pyongyang on March 5th. Their equipment will be as follows: TS-850, FT-100, LPA 400w, dipoles, dipoles 80/40m and a multiband beam for 20/17/15/12/10 meters (which is already in P5). QSL chores will be handled by YU7AV. Parenthetically, I would note that at this writing there has been no documentation submitted to the DXCC desk for accreditation purposes.

PYØS - STS PETER & PAUL ROCKS

Joaquim, PS7JN is active on 40 through 10 Meters now through March 10th signing as **ZYØSAT**. QSL via the operator's instructions.

TA - TURKEY

TA2RC, TA2MW, TA2LE and others will be operating as **TA2KI** on 160 through 10 Meters SSB and RTTY as <homecal>/TA0 from Kefken Island (AS-159) between May and August during weekends. QSI to all via their home calls either direct or through the bureau.

📶 TT – CHAD

Chris, **TT8DX**, is now back in Chad and will be staying there until December. Concentration will be on the low bands and 6 Meters. QSL via F5OGL.

📶 🌐 📶 📶 VK9M – MELLISH REEF

Look for **VK9ML** from April 12th to 22nd. The team, G4EDG, JH7OHF, JJ1LIB, JP1TRJ, K3NA, VK4DH, VK4GL, VK4WR, VK4APG and ZL4PO, will have five stations operating on 160 through 6 Meters on CW, SSB and RTTY. You can visit the web site for the operation at www.qsl.net/vk9ml/2002/.

📶 🌐 📶 📶 VP6D – DUCIE

The plans for the Ducie Island DXpedition of 2002 are now complete and the group is in the final countdown phase. Expected departure date from Mangareva, French Polynesia is March 12. They will go to Pitcairn first to pick up supplies and equipment left there from the first attempt and then on to Ducie for a week's operation.

21.020 MHz (CW) and 21.295 Mhz (SSB) will be QRV 24 hours each day. This is to allow more individuals to find and work the group, depending upon propagation to their area. The CW site will use a Yaesu FT-1000MP with Alpha amplifier, manned primarily by Vince, K5VT and Mike, K9AJ. The antenna will be a 2 element HB9CV. The SSB station will be a Yaesu FT-100D with Acom amp, with primary operators Jin, JF1IST and Jim, N9TK. This 21 MHz priority operation will take place with two stations active until demand falls.

Two other stations will activate other bands, a Yaesu FT-1000MP+ FL2100Z primarily on 20 meters with a 4 Square vertical and a Yaesu FT 100D on 28 MHz. An additional FT 100D will be active on 50 MHz. All other operators will man these stations on a rotating basis. Any lower band operation will take place on the later days of the DXpedition.

28.495 MHz, and 14.195 MHz will be the prime SSB frequencies and 14.020 MHz will be

the prime CW frequency other than 15 meters.

It is planned that there will be some operation on all bands, 160 through 6 Meters, and RTTY in addition to SSB and CW operations. It is expected that low band and WARC operations are more likely to take place in the last days of the operation, as concentration from the beginning will be to allow as many operators as possible to work this rare IOTA and new DXCC Entity.

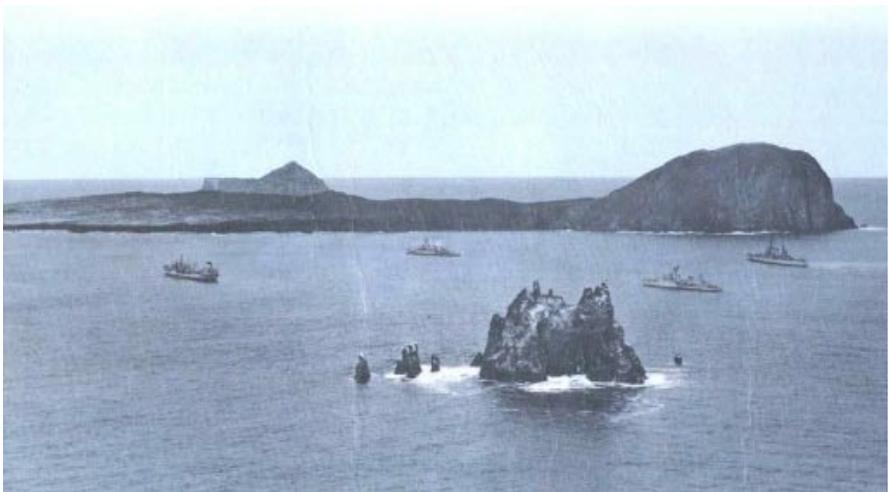
The Braveheart has been contacted in Port Stanley, Falkland Islands by sat phone. They are currently enroute on a 24 day voyage to Gambier, arriving on March 11. The charter will be \$68,000 US and support is being requested. Donations may go to the group's treasurer:

Kan Mizoguchi
5-3 Sakuragaoka 4 Chome
Tama-city, Tokyo 206
JAPAN

QSL Manager is VE3HO for all bands except 6 meters. 6 Meter cards go to JA1BK. Pilot stations will be WA2MOE and JE2EHP.

📶 🌐 📶 📶 XRØ (CEØX) – SAN FELIX

Look for **XRØX** from March 12th to 30th.



San Felix

Lying in the Pacific northwest of Valparaiso, San Felix is a barren rocky island about 3 km across, with two small islets nearby. Access to the site is restricted, due to the presence of a military garrison there. Little is known of the natural history of the

island or of its possible prehistoric importance.

The major goal of this expedition is provide radio contact with this remote and seldom-activated island. Secondary goals include documenting indigenous species and searching for evidence of ancient occupation.

The expedition is being organized and led by Carlos Nascimento NP4IW. The project is being carried out in conjunction with Cordell Expeditions, a nonprofit organization that has carried out expeditions to remote sites for more than 20 years. Recent activities of this group include the 1995 Easter Island/Salas y Gomez (XRØX/Y) and the 1997 Heard Island (VKØIR) expeditions, for which Carlos was a principal contributor and strategist. All permits, including landing, radio operation, and specimen collections have been obtained.

The 14-member team includes: NP4IW, K5AB, I8NHJ, N7CQQ, DJ9ZB, CEØYWS, N6MZ, KO4RR, KK6EK, W6KK, HB9AHL, K5AND, N6TQS, and marine biologist Marcel Duhart. The team and a 24-ft. container of gear will travel from Valparaiso (Chile) to San Felix aboard the Chilean Navy vessel

CHACACBUCO, and be airlifted on the island by Chilean Navy helicopter. The vessel will then proceed on to Easter Island, leaving the team on San Felix. Returning 2 weeks later, the vessel will retrieve the crew and gear, and then return to Valparaiso.

The expedition is being financed by the participants, supplemented by donations from DX associations, radio clubs, and individuals. Contributions made to the expedition through Cordell Expeditions are eligible for U. S. tax deduction as a donation to a 501(c)(3) nonprofit organization. Scientists interested in specimens from San Felix are invited to inquire.

The San Felix Expedition website is: www.cordell.org/SFX

DX ALERT LEGEND

 **160 METER ALERT**

 **IOTA ALERT**

 **Prefix Collector ALERT**

 **RITY ALERT**

 **WARC BAND ALERT**



QSL DEPT.

- 4J1ØTX..... via UT3UY
- 5A1A..... Abubaker Assid
..... Max Strasse 58
..... Bonn 53111
..... GERMANY
- 5T5CQT via JA1CQT
- 5T5GCW..... via 7M2GCW
- 5T5PBV via JA1PBV
- 9N7RB via W4FOA
- A52DU via KW4DA
- A52UL via I7JFQ
- BI4F P. O. Box 538
..... Nanjing 210005
..... P.R. CHINA
- BI5P via BD5RI
..... (not W3HC)
- BY4BSN P. O. Box 126-017
..... Shanghai 200126
..... P.R. CHINA
- D9Ø2WSF... via DS5UCP
- EK8WA..... via SP9ERV
- EM1ØUCC . via UY5ZZ
- EP3HR via I2MQP
- EP3UN via LA7JO
- HG8ØST via HA6KNB
- HSØZDJ..... via W2YR
- RW9C via UA9CGA
- T32Z..... via N7YL
- TE8AT via TI3MCY

- XR2D..... P. O. Box 128
..... Talca CHILE
- ZD7VC Bruce Salt
..... P. O. Box 58
..... Half Tree Hollow
..... St Helena Island
..... South Atlantic Ocean
- ZD7WT..... Tom Moyce
..... P. O. Box 33
..... Jamestown, STHL 1ZZ
..... St. Helena Island
..... South Atlantic Ocean

**S O F T W A R E /
C O M P U T E R S
D E P T**

Guernsey Callbook available at:
www.gars.org/gg/calls.html

This site contains an updated callbook listing for all known GU/MU calls. The list also includes known operations by visitors and as much QSL info as possible.

Here's the site you have all been looking for! DX Holidays is an incredible resource for finding ready made DXpedition locations any where in the world. Take a look at:

www.dxholiday.com

Log Check: The XR5SM DXpeditions' logs for January and February are now on-line at:

www.qsl.net/xr5sm

Log Check: The logs for YA5T are available at:

www.ve9dx.com/ya5t/ya5t.html

If you do not find your call associated with a band or mode you were expecting, QSL manager KU9C suggests you contact him at:

ku9cqslmanager@ku9c.com

FROM THE DXCC DESK

9QØAR (Democratic Republic of Congo) has been on hold awaiting supporting documentation. This has been received and upon review it is now being accepted for DXCC credit. Anyone who had this rejected during a recent submission can contact DXCC at: dxcc@arrl.org for an update to their record. Or, it can be sent with the next submission for credit.

Bill Moore NCIL, DXCC Manager



For tracking purposes the top IOTA numbers currently are as follows (Note: 1 addition each to North America, South America and Oceania):

- Africa..... AF-091
- Antarctica AN-018
- Asia..... AS-160
- Europe EU-188
- North America NA-221
- Oceania..... OC-248
- South America SA-091
- Total IOTA's 1017

Information

- ***NA-221** XE1-Veracruz State North group.
- ***OC-248** T8-South Palau group was activated as T88SI.
- ***SA-091** CE8-Magallanes & Antartica Chilena Province South group.

Upcoming

OC-248 T88BA will be active for a few days from March 4th. QSL to: Rev. William Burton
P. O. Box 10225
Koror, Palau, PW 96940 USA
* **Keep the lists I supplied recently with the Newsletter up to date by adding asterisked IOTA's to the appropriate sections.)**

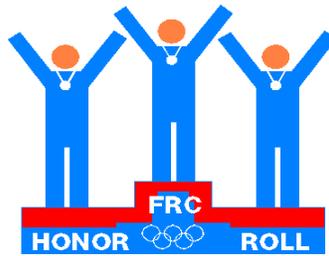
"S"pecial "S"alute

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 W:856-227-1298
n2ss@n2ss.com
argargano@comcast.net



MARCH

conducted by N2SS

2002

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
N2TK.. 323	K2FL...332	K2FL...322
K2FL..... 319	N2TK..... 329	N2TK ..322
N2LT..... 308	K2JLA..... 328	N2LT 314
W8FJ..... 284	N2LT..... 327	W3BGN... 293
K2RW 281	W3CF..... 323	K2JLA 284
W3BGN... 271	K2RW 316	K2RW 280
W2YC..... 253	W3BGN... 313	N2SS 280
WA2VYA. 253	N2SS..... 304	W3SOH... 253
K2PS..... 251	W8FJ..... 284	WT3W 246
N2SS..... 245	WA2VYA. 277	WA2VYA. 243
K2JLA..... 237	W2YC..... 270	K2PS 240
K3II..... 222	K2PS..... 266	W2YC 235
W3SOH... 211	W3SOH... 260	KS3F 217
W2LE..... 205	WT3W..... 259	W8FJ 214
KS3F..... 166	W3OV 234	K3II 195
AA2WN... 164	K3II..... 233	W3CF 192
WT3W 151	N1RK..... 220	N1RK 191
W3OV..... 150	KQ3F 217	KQ3F 172
W2YR..... 120	KS3F..... 206	W2YR 170
K2JF 111	W2LE..... 196	W2LE 161
NA2U 103	W2YR 184	W3OV 160
KQ3F 96	K2JF..... 168	NA2U 138
K2NJ..... 76	NA2U..... 155	K2JF 135
N2VW..... 67	AA2WN... 102	K2NJ 37
K2BU..... 65	K2NJ 80	N2VW 25
K2WJ..... 28	K3GYS... 69	K3GYS... 26
W3CF 27	N2VW..... 63	AA2WN... 19
N2MT 15	K2WJ 40	K2WJ..... 17
K3GYS 8	N2MT 26	N2MT..... 6
N1RK..... 3	KB3FEE... 3
KB3FEE..... 1

Still looking for that 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 or your total for 80,40,20, 15 and 10 for 1.5K Club. Countries do not count until HQ Awards Committee takes official action and announces a start date for a new country.

160 Meters

W3BGN287	KS3F..... 124
AA1K 279	K2PS 97
K2BU..... 256	K2RW 82
WT3Q..... 245	W2YR..... 80
N2TK..... 234	N2VW 74
N2LT 232	NA2U 73
K3NW 228	W3CF..... 69
K3SX 210	N2SS 67
W8FJ 184	K3NL 62
K3NZ..... 166	K2NJ 49
W3OV 163	K2JLA 35
N3RS 156	KB3FEE... 38
K3JJG 154	N1RK 36
K3II 149	KQ3F 34
NO2R..... 144	W2LE..... 27
WA2VYA... 140	AA2WN 25
K3NM..... 140	K2JF 20
K2FL..... 135	N2MT 14
W2YC..... 135	K3GYS 12
WT3W 125	W3SOH... 10
.....	K2WJ 3

W3BGN continues as the undisputed
Top of Top Band.

Digital

W2UP.....332	W2LE..... 81
N2LT 325	K2JF..... 57
W3SB 245	WA2VYA ... 50
K2PS..... 240	N1RK..... 43
K2RW 222	N2SS 42
K2NJ..... 196	N2MR 28
AA2WN... 162	KQ3F 23
WT3W 151	K3GYS 15
W2YC..... 136	K2WJ 12
W2YR..... 121	W8FJ..... 12
W3CF 100	N2VW 7



1.5K Club

K2FL..... 1699	N3RD..... 1375
W3BGN 1680	WT3W 1361
N2TK..... 1671	K2JF 1350
N2LT..... 1658	K2NJ..... 1345
W2UP 1626	W3SOH ... 1339
W8FJ 1568	AA2WN... 1295
K2RW 1566	NA2U 1295
K2BU 1550	N2VW 1240
N3RS 1493	N1RK..... 1225
N2SS 1487	WT3Q..... 1162
K2PS 1468	K2WJ..... 1161
W2YC 1450	W2LE 1115
NO2R 1429	K3NM..... 1107
K2JLA 1428	W2YR..... 1098
WA2VYA... 1399	W3CF 1077
KQ3F..... 1384	N2MT 719
KS3F 1375	KB3FEE 231



MOBILE DX

W2YC 257	K3GYS 135
N2SS 231	AA2WN... 108
AA1K 224	WT3Q..... 107
N2MR..... 180	KB3FEE 48
K2JF 150	W2YR..... 19

W2YC is safely ensconced **MOBILE #1**



Islands On The Air

K2FL..... 918	KS3F..... 263
K2JLA 854	N2VW 250
W3SOH 740	K2WJ..... 223
N2SS 676	WT3W 203
W8FJ 526	W3CF 200
N1RK 462	K3GYS 110
W2YC 456	KB3FEE 23



THE FRANKFORD RADIO CLUB NEWSLETTER

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



Affiliated Club

The Frankford Radio Club

In This Issue

FRC OFFICER
NOMINATIONS

SALT WATER AND WPX

CONTEST SOAPBOX

FRC 75TH ANNIVERSARY

FRC FASHIONS

AND MORE!!!

**Deadline for April issue:
Sunday, March 24, 2002**

Club Officers

President, **W3CF**, Doug Priest..... 215-361-9989
Vice Pres, **N3BNA**, Dale Long 717-626-8794
Secretary, **K3NZ**, Norm Zoltack 610-799-4044
Treasurer, **K2TW**, Tom Wall k2tw@arrl.net

Committee Chairman

Repeater, **K3NL**, Nick Leipold 610-449-8910
Packet, **N3RD**, Dave Hawes 610-935-2684
Activities, **W2OX**, Alex Aimette 215-721-1453
Awards, **W3IZ**, Norm Fusaro 215-795-0390
Membership, **K3ANS**, Bill Goodman..... 610-258-5063

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Editor, **KQ3F**, Joe Stepansky 717-657-9792
Email: joe@microserve.net
Printing, **K3NZ**, Norm Zoltack 610-799-4044

Repeater

2 meters, 147.27/147.87
Output PL tone, 114.8

Home Page

www.frc-contest.org

Meetings

Meetings are held on the 2nd Tuesday of each month (Sep through May) at 8 PM at the Philadelphia College of Pharmacy and Science, 43rd and Kingsessing Street, Philadelphia. Summer meetings are held at member homes (one Saturday/ Sunday per month).

Packet Cluster Contest/DX System

144.910 N2MT
144.930 W3FRC
145.650 K2TD
144.950 KD3CN
145.530 K3WW
145.530 AA1K
145.530 K2SG
145.570 WT3Q
145.570 K2TW
145.590 N2NT
144.950 K3GYS
145.710 W3EA
145.730 N2BIM
147.495 W3MM
145.670 W3PP
441.050 W3MM
445.525 K3GYS
445.525 W3EA
445.850 N3BNA
..TBA N3ED