

NOV 1992

# SQUELCH TALES

## THE MONTHLY NEWS LETTER OF THE NORTH FULTON AMATEUR RADIO LEAGUE

**P. O. BOX 1741  
ROSWELL GEORGIA 30077**

Editor - David Fellows KD4APK  
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President David Vanderwall KO4SV  
Vice-President David Fellows KD4APK  
Treasurer Fred Moore N4CLA  
Secretary Hal Myers K4JHM

### REPEATERS

145.470 Mhz out ( - 0.6 Mhz)  
147.060 Mhz out ( + 0.6 Mhz)  
444.475 Mhz out ( + 5.0 Mhz)

NFARL BBS 552-0868 (1200-2400-9600 8 N 1) Dan Turner WA4BRO SYSOP

Articles for the NFARL newsletter may be sent on disk (ASCII text format) by mail to David Fellows P. O. Box 1651 Cumming Ga 30130 or upload via modem (in ASCII text format) to the NFARL BBS ATTN: DAVID FELLOWS KD4APK

NEWS NET ON MONDAY NIGHTS AT 8:00 P.M. Jeff, AA4RC Net Control

### NORTH FULTON AMATEUR RADIO LEAGUE REPEATER GUIDE 145.47 - 147.06

#### OPEN COMMANDS

- #1 ECHO MODE\*
- #2 DEVIATION TEST\*
- #3 DTMF TEST
- #4 TIME
- #5 SINAD TEST
- #6 FREQUENCY TEST
- #7 DISPLAY MAIL
- #8 SEND COMMAND OUT LINK
- #9 PLAY ANNOUNCEMENT

#### USER COMMANDS

- \*0\*N EMERGENCY PATCH
- \*1\*N USER PATCH
- \*2 PATCH REDIAL
- \*7 MAILBOX
- \*8 OPEN MAIL
- \*10 CHANGE PASSWORD
- \*12 RECORD USER NAME
- \*15 USER PROFILE
- \*20 SPEEDIAL MAINT
- \*25 USER HANGUP CODE
- \*30 CTCSS COMMAND
- = USER# + PASSWORD

N = NUMBER TO DIAL  
# =

\* = VOICE INPUT  
CANCELS FUNCTION

FROM THE PRES

Well, the end of the year is near. November 11, 1992 is the last true NFARL meeting this year. Traditionally new club officers are announced and final plans are made for the "famous" Christmas party. The meeting once again will be held at the Cherokee Cattle Co., 11208 Alpharetta Hwy., Roswell, Ga., phone (404) 664-0490. You can come for dinner (order your own plate) at 6:00 pm to 7:00 pm and the meeting begins promptly at 7:30 pm. The Christmas party will not be held at Fred Moore's house this year. The new location will be announced soon. In order to plan this years event, your club has graciously accepted Rise (pronounced "Reasa) Witt as the 1992 Christmas party chairman. Rise's phone number is 640-0261. In order for this special event to be successful as it has in the past, we will need volunteers. The following positions are needed and will require only a minimum of your time:

- (1) Telephone calling chairman: This person will co-ordinate three people to call our NFARL members A - Z in thirds, confirm their plans to attend the event and request they bring a dessert, salad or vegetable.
- (2) Set up person: This person will make sure that he or she is at the event location slightly early to co-ordinate incoming food etc.
- (3) Clean up person: This person will be responsible for clean up and can ask for a crew of as many volunteers as needed. The clean up person should reside close to the event location.

PLEASE CALL RISE AT 640-0261 WITH ANY QUESTIONS.

\*\*\*\*\*

I enjoyed being your president for the year 1992. Membership doubled and the club enjoyed many activities and additions to the repeater station. You met many new hams and friends. You assisted the local community in many ways, provided help and assistance to several community residents and helped amateur radio continue to gain respect in today's growing world. Cherokee Cattle Co. enjoyed your presence and they hope you enjoyed their food. It was a very very good year for the NFARL. Please continue to support the NFARL for 1993. The new officers for 1993 need you and your support to continue this great club as so many years in the past. Thank you for allowing me to be your representative for 1992.

Dave Vanderwall      KO4SV  
Club President      1992 year

## FIELD DAY FLASH

Ok it is now official. Per the November QST the NFARL station had 934 contacts and a total of 2,636 points. Out of 94 stations in the 5A class we were 55 th. The top winner had 4368 contacts & 13,422 points. Only 2 other stations in Ga. were in this class and they finished 80 & 82.

My THANKS to all of you who came out for the event.

While looking over the results I noticed that some clubs had more points with less contacts. That was accomplished by making more CW contacts. Soooo next year limber up those fast fingers and we will jump up the list.

I asked for and received good suggestions on how to make 1993 FD even better than this years. I still want more ideas..... How about some of the new members who have come in from other parts of the country. What worked in your group and what was FUN. Remember that FD stands for Family Day -- FUN Day -- Field Day.

Oh yes so you can plan your calendars for next summer, FD will be

JUNE, 26 & 27

73's

Steve, KC4YBO

NORTH FULTON AMATEUR RADIO LEAGUE  
Regular Meeting - October 14, 1992

Dave Vanderwall - KO4SV opened the meeting and posed a scrambled word puzzle to the group. Jeff Weinberger - AA4RC was the first to solve it and received the door prize donated by Ham Radio Outlet.

Fred Moore - N4CLA gave the treasurers' report: the Club has a total balance of \$3,122.09 at this time. The report was approved by the membership.

The minutes of the September meeting were approved as published in the Squelch Tails.

Jeff Weinberger - AA4RC handed out certificates of appreciation to the members who have made the Monday evening net a success, these awards were very good looking and nicely framed. The "Top Operator" award went to George Scott - KC4WHZ. This award was also a very nice certificate plus an invitation for him to dine with Jeff and his wife.

Avery Davis - WB4RTP is to be thanked for bringing in two boxes of data books and electronics catalogs. Thanks, Avery.

One of our young members is a student in The Netherlands and would appreciate mail from us. His address is:

Paul Grether  
KC4ZLU/PDORIW  
Bloemhof 47  
1403 NB Bussum  
The Netherlands

1/2 oz. letter postage is \$ 0.39.

Dave appointed AA4RC - Jeff Weinberger as Chairman - Nominating Committee for 1993 officers.

The 1992 Christmas party will be the regular meeting night of December 9, 1992. Rise Witt - N6JEE was appointed Chairman of the committee to organize it. Unfortunately, the Club has grown to the point where we can no longer have it at Fred's home.

Steve Knittel - KC4YBO reviewed the upcoming activities around Roswell for which we need volunteers. He also invited everyone to the Sunday family brunches held the 3rd. Sunday of each month at 9:00 AM at the Southern Skillet. Announcements will be made on the repeater.

Fred Moore reported for the technical committee: the P.A. failed on '07, was returned to the manufacturer and repaired but still does not have the proper gain and is being returned again for repair. In the meantime, '07 is doing quite well on 6 Watts.

Bill Plage - W4DQT listed the three Navy veterans' nets: the Tin Can Sailer's net, the Navy Amateur Radio Club, and the Flying Boat Net. Any interested, contact Bill for more information.

We had several visitors, the only one whose name I caught was Wendell - KK4SR. Sorry 'bout that, but I trust you members made all the guests feel welcome.

Respectfully submitted,

Hal Myers - K4JHM - Secretary

Jeff Medin has received his call, it is: KD4TFG. He was listed in the last Squelch Tails as Member ID = 313. Please change his Member ID to 053.

New members this evening:

Larry Mottley, WB3JAU, Member I.D. - 100

# NORTH FULTON AMATEUR RADIO LEAGUE

P.O. BOX 1741 ROSWELL, GA. 30077 1993 ANNUAL MEMBERSHIP APPLICATION

NEW APPLICATION  RENEWAL APPLICATION  CHANGE INFORMATION

DATE: \_\_\_\_\_

## PERSONAL INFORMATION

First Name: \_\_\_\_\_  
 Last Name: \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_  
 STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE \_\_\_\_\_

## MEMBERSHIP INFORMATION

MEMBER NUMBER \_\_\_\_\_ CALL SIGN \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_  
 LICENSE EXP. DATE \_\_\_\_\_  
 ARE YOU A MEMBER OF ARRL?  YES  NO  LIFE  
 DO YOU WISH TO BECOME A MEMBER?  YES  NO

## AMATEUR RADIO ACTIVITIES

WHICH BANDS ARE WE MOST LIKELY TO FIND YOU "ON THE AIR"?  
 PACKET  FM  CW  RTTY  AMTOR  SSB  
 ATV  OSCAR  HF  2M  220  440  
 COMPUTERS  TRAFFIC  PUBLIC SERVICE

WHICH DAYS AND TIMES ARE WE MOST LIKELY TO FIND YOU "ON THE AIR"?  
 DAYS: \_\_\_\_\_ TIMES: \_\_\_\_\_

## PERSONAL OPINIONS

What aspects of Amateur Radio gets most of your attention?  
 \_\_\_\_\_

What is your primary reason for joining an Amateur Radio club?  
 \_\_\_\_\_

## CONTACT INFORMATION

HOME TELEPHONE NUMBER: \_\_\_\_\_ OFFICE PHONE NUMBER: \_\_\_\_\_  
 MAY WE CONTACT YOU AT HOME?  YES  NO BEST TIMES: \_\_\_\_\_  
 MAY WE CONTACT YOU AT WORK?  YES  NO BEST TIMES: \_\_\_\_\_  
 PLEASE RESTRICT CALLS TO *EMERGENCY SITUATIONS*  YES  NO

## MEMBERSHIP DUES

### DUES SCHEDULE FOR CALENDAR YEAR

STUDENT / RETIRED \$15.00  STANDARD MEMBER DUES \$30.00  
 ADD'L HAM IN SAME FAMILY \$ 5.00  DONATION

PLEASE DO NOT WRITE BELOW THIS LINE

DUES RECEIVED: DATE \_\_\_\_\_ AMOUNT \$ \_\_\_\_\_ CHECK NO \_\_\_\_\_  
 PRESENTED TO MEMBERSHIP: DATE \_\_\_\_\_  APPROVED  NOT APPROVED  
 MEMBER NUMBER ASSIGNED: \_\_\_\_\_ SPEED DIAL IMPLEMENTED: \_\_\_\_\_  
 ENTERED IN MAILING LIST: DATE \_\_\_\_\_ BY \_\_\_\_\_  
 INFORMATION FORWARDED TO:  ARRL  ARES  HAMWATCH  OTHER \_\_\_\_\_

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From the office of the Treasurer.

From the bottom line of the checking and savings accounts we appear to have fallen short on the Income vs Expenses. We received \$2,989.03 and spent \$3,305.09. As was stated the last time we raised the dues from \$25 to \$30, that probably might cover the expenses. You will notice that we missed the budget by \$316.06 and we still have a few back months of telephone charges that have to be reimbursed and a Christmas party to pay for and maybe a few misc other charges.

What hurt the bottom line, was the expenditure for the VoCom amplifier and Xtal filter.

If we want to stay up with technology, put a little back in the savings, and spend some money for the remote receivers, antennas, power supplies and the misc other little goodies, I suggest that we consider a \$5 increase this year, or making donations in addition to your renewal. \$5 for 100 members = \$500, 200 members = \$1,000.

It is that time again to re-instate your status as an active supporter of the North Fulton Amateur Radio League. You will find enclosed in this newsletter a renewal form. Please show your support.

You will also find a report by category so you can see where we spent our money for the last 11 months.

Please plan to attend the November meeting for elections and socializing with your fellow hams. Your vote and support does count.

Hope to see you at the Cherokee Cattle Co. on 11/11/92

Respectfully submitted,  
Fred L. Moore III, N4CLA  
Treasurer

BALANCE SHEET  
As of 11/ 4/92

NFARL-All Accounts  
1  
11/ 4/92

Page

Account	11/ 4/92 Balance
<b>ASSETS</b>	
CURRENT ASSETS	
NFARL Checking-Checking Acct	1,458.37
Petty Cash-Petty Cash	121.23
Savings Acct-Savings Account	1,437.98
TOTAL CURRENT ASSETS	3,017.58
TOTAL ASSETS	3,017.58
TOTAL LIABILITIES	0.00
<b>EQUITY</b>	
EQUITY ACCOUNTS	
Open Bal Equity-Opening Bal Equity	3,239.50
TOTAL EQUITY ACCOUNTS	3,239.50
CURRENT EARNINGS	-221.92
TOTAL EQUITY	3,017.58
TOTAL LIABILITIES AND EQUITY	3,017.58



SUMMARY REPORT  
1/ 1/92 Through 11/ 4/92

NFARL-All Accounts  
11/ 4/92

Page 1

Inc/Exp Description	1/ 1/92- 11/ 4/92
<b>INCOME/EXPENSE</b>	
<b>INCOME</b>	
Dues Inc-Membership Dues	2,954.90
Int Inc-Interest Income	34.13
Misc Inc-Miscellaneous Income	0.00
<b>TOTAL INCOME</b>	<b>2,989.03</b>
<b>EXPENSES</b>	
<b>Charges-Charges:</b>	
Bank-Bank Service Charge	9.69
Misc Charges-Misc Charges	7.85
<b>Total Charges-Charges</b>	<b>17.54</b>
Dues-Dues and Subscriptions	-157.50
Equip Purchase-	2,129.16
Field day-Field day expenses	267.14
Parts-	20.90
Postage-Postage	116.00
Printing-Printing and Reproduction	213.52
Rent-Rent	35.00
Shipping-	24.04
<b>T&amp;E-Travel and Entertainment:</b>	
Meals-Meals	43.00
<b>Total T&amp;E-Travel and Entertainment</b>	<b>43.00</b>
Telephone-Telephone	596.29
<b>TOTAL EXPENSES</b>	<b>3,305.09</b>
<b>TOTAL INCOME/EXPENSE</b>	<b>-316.06</b>
<b>TRANSFERS</b>	
TO Savings Acct-Savings Account	-300.00
FROM Petty Cash-Petty Cash	300.00
<b>TOTAL TRANSFERS</b>	<b>0.00</b>
<b>OVERALL TOTAL</b>	<b>-316.06</b>

ITEMIZED INC/EXP ACCOUNT REPORT  
1/ 1/92 Through 11/30/92

Page 1

NFARL-All Accounts

11/ 4/92

Date	Acct	Num	Description	Memo	Clr	Amount
----- Dues Inc-Membership Dues -----						
1/ 9	NFARL C	D0685	Deposit	Dues	X	730.00
1/ 9	NFARL C	D0686	Deposit (cash)	dues	X	257.00
1/ 9	NFARL C	D0687S	Deposit (cash & checks)	Cash	X	50.00
				checks	X	325.00
2/25	NFARL C	D0688	Deposit	Dues	X	582.00
3/20	NFARL C	D0689	Deposit	dues	X	240.00
4/21	NFARL C	D0690S	Deposit	dues	X	457.40
7/ 3	NFARL C	D0691	Deposit	dues	X	95.00
7/20	NFARL C		N4NXI and K4NEL	dues	X	30.00
10/14	NFARL C	S	DEPOSIT	WD4BWP/KD4SHE		30.00
				N4MTA		15.00
				KA0GKK		15.00
				KI4MQ		30.00
				WD4NIT		5.00
				KD4TFG		15.00
10/14	Petty C		receipts	dues		67.50
1/10	Savings		Deposit		X	11.00
Total Dues Inc-Membership Dues-----						2,954.90
----- Int Inc-Interest Income -----						
3/31	Savings		Interest		X	14.37
6/30	Savings		Interest		X	9.79
7/31	Savings		Interest, July		X	3.16
8/31	Savings		Interest, August		X	3.44
9/30	Savings		Interest, Sept		X	3.37
Total Int Inc-Interest Income-----						34.13
----- Misc Inc-Miscellaneous Income -----						
4/18	NFARL C	00186S	Alan Stern	K4JMX 1 radio	X	-24.00
				W4SHP 1 radio	X	-26.00
				KC4YRW 1 Radio	X	-24.00
4/18	NFARL C	00187S	Alan Stern	KD4FUG 1 Radio	X	-24.00
				WB4RTP 1 Radio	X	-24.00
				KA4DPR 5 Radios	X	-120.00
				KD4APK 2 Radios	X	-48.00
4/21	NFARL C	D0690S	Deposit	Money for WX radio	X	290.00
Total Misc Inc-Miscellaneous Income-----						0.00
TOTAL INCOME-----						2,989.03
----- Bank-Bank Service Charge -----						
1/31	NFARL C		Service Charge		X	-6.11
2/28	NFARL C		Service Charge		X	-0.84
3/31	NFARL C		Service Charge		X	-0.33
4/30	NFARL C		Service charge		X	-0.39
5/29	NFARL C		Service charge		X	-0.44
6/30	NFARL C		Service Charge		X	-0.47
8/12	NFARL C		Service charge		X	-0.43
9/ 9	NFARL C		Service charge		X	-0.36
10/14	NFARL C		Service charge		X	-0.32
Total Bank-Bank Service Charge-----						-9.69

Misc Charges-Misc Charges

9/ 9 NFARL C	Check Printing Charge	Deposit slips	X	-7.85
Total Misc Charges-Misc Charges				-7.85
Total Charges-Charges-----				-17.54
Dues-Dues and Subscriptions				
8/13 NFARL C	Deposit	Dues- Alan Manning	X	15.00
7/31 Petty C	receipts	DUES		60.00
8/12 Petty C	receipts	8/12/92 meeting		82.50
Total Dues-Dues and Subscriptions-----				157.50
Equip Purchase-				
5/27 NFARL C 00189	A/D Technologies	Disk Drive 5T251-1	X	-222.60
7/ 3 NFARL C 00194	A/D Technologies	Rpl ctrl on 147.06	X	-258.30
9/ 9 NFARL C 00198	Steve Barrett	1-BXECII VHF, 2-GE	X	-150.00
9/14 NFARL C 00200	Fred Moore	600' Poly Rope	X	-50.88
10/15 NFARL C 00205	Ace Hardware	Extension cord & E		-19.93
10/24 NFARL C 00207	David Walls KC4YBT	Steel & Misc Hdw f		-69.45
1/21 Savings	Withdrawl	Amplifier & Xtal f	X	-1,358.00
Total Equip Purchase-----				-2,129.16
Field day-Field day expenses				
6/27 NFARL C 00190	Dana Samples (KD4PUG)	Field Day	X	-8.15
6/27 NFARL C 00191	Patty Smith (N4VTH)	Field day food	X	-145.80
6/27 NFARL C 00192	Ann Slatton	Field day food	X	-6.32
6/28 NFARL C 00193	Steve Knittle (KC4YBO)	Field day misc	X	-102.87
6/27 Petty C	Gasoline	field day		-4.00
Total Field day-Field day expenses-----				-267.14
Parts-				
10/ 2 NFARL C 00204	Delta Electronics	2-SSR's		-20.90
Total Parts-----				-20.90
Postage-Postage				
5/13 NFARL C 00188	David Fellows (KD4APK)	Newsletters postag	X	-58.00
8/12 NFARL C 00197	David Fellows	Postage	X	-58.00
Total Postage-Postage-----				-116.00
Printing-Printing and Reproduction				
7/ 5 NFARL C 00195	KINKO's	copies of user's g	X	-114.48
9/ 9 NFARL C 00199	Kinko's	Copy Card	X	-10.00
9/15 NFARL C 00201	Kinko's	25 copies of User	X	-89.04
Total Printing-Printing and Reproduction-----				-213.52
Rent-Rent				
1/29 NFARL C 00182	US Postal Service	POBox Rental #1741	X	-35.00
Total Rent-Rent-----				-35.00
Shipping-				
9/29 NFARL C 00203	U.P.S.	Return VoCom for r		-8.91
10/16 NFARL C 00206	UPS	Return Amp to VoCo		-8.19
11/ 3 NFARL C 00208	A/D Technologies	UPS Shipment to Vo		-6.94
Total Shipping-----				-24.04

T&E-Travel and Entertainment:

-----  
Meals-Meals  
-----

4/ 8 NFARL C 00184	Ken Waldrop	Dinner Reimb for S	X	-8.00
4/ 8 NFARL C 00185	Dave Vanderwall	Dinner Reimb for A	X	-35.00

Total Meals-Meals ----- -43.00

Total T&E-Travel and Entertainment----- -43.00

Telephone-Telephone  
-----

2/28 NFARL C 00183	M. Catherine Moore	Tel reimb(Nov,Dec,	X	-210.77
7/17 NFARL C 00196	M. Catherine Moore	APR MAY JUN JULY 1	X	-220.18
9/29 NFARL C 00202	M. Catherine Moore	July, Aug, Sept		-165.34

Total Telephone-Telephone----- -596.29

TOTAL EXPENSES ----- -3,305.09

TOTAL INCOME/EXPENSE ----- -316.06  
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The Netherlands, September 13,  
1992

Hello, Everybody,

Everything here is going great. School has started and I'm getting computer class for the first time ever. It's pretty easy. English literature however is very Hard! It is taught by a British lady who has read every piece of literature on the planet and loves homework.

As far as amateur radio is concerned, I went on a foxhunt -- my first ever. The area where the transmitter might be located was over 25 km! I went with two guys from the local amateur radio club. The beacon was on 144.9900 MHz and played computer generated music! This is perfectly legal during foxhunts! It started at 8:00 PM and we found the transmitter at 1:30 AM! It was great. We were stuck on a huge farm field at 12:45 with only moonlight and back-lid LCD displays on H-Ts as light sources. Using a small 2-element beam and a HT we were the second out of five to find the "fox". The "fox" had a horizontal 15 element beam tilted 45 degrees to confuse people. When we got close it was hard because the signal was so strong. And don't think that since the Netherlands is so flat that DFing is easy. Trees, buildings, and even cars reflect signals causing false readings. There are also few high spots to get above ground clutter. But, it was a lot of fun. I hope everyone is okay and I hope the repeaters are doing fine and that N4QXH got his voicemail on 147060+. My address is on the back. Please send all mail airmail or it will take 2-3-4 months before I get it. It takes 1-2 WEEKS with airmail. Packet is much faster (1-2 DAYS!) but I'm not authorized yet to use that. I will get my packet address ASAP to y'all.

BEST OF 73's  
DE  
PAUL GREETHER  
KC4ZLU/PDORIW

Bussum, October 4, 1992

Dear NFARL,

Hi, guys, I hope all is OK. Everything here is going well, but I hat not being able to pick up my HT, dial in 145470- or 147060-, and drop in KC4ZLU and start talking to y'all. I miss the NFARL and Hamwatch a lot. But I may be able to 'make contact' with you all after all. As David Fellows KD4APK probably already knows, the phone booths here, like in the US use a DTMF dialing system. I noticed this while making a local call from my neighborhood train station. Anyway, an idea hit. I went inside the train station and changed the equivalent of \$5 US into quarters and went back to the phone booth and dialed international access US area code 404 and the phone # to 145470. I heard the familiar beep-beep. I entered in some numbers and the response came -- User 209 ... patch to air. I heard what I thought was APK talking with (I think) KC4YBT. I dropped my call in and surprised APK with my QTH. However, the QSO was short because I watched the little LCD display on the phone count away all my money. I was just able to sign off before it hung up on me. I am going to attempt this again when I find a cheaper way to call the US. I think that I have. AT&T has a commercial on CNN (yes, we get CNN and MTV here) to call the US via AT&T and it is 75% cheaper. HmMMM. A second attempt might be made! What a way to get DXCC on 2 meter FM repeater. 145470- was booming in that phone booth at 59+60 db Full quieting! What other repeater has made it into Europe (at all) with such a signal!?!?!

2 COUNTRIES CONFIRMED                      98 TO GO!

US    Look at your  
Netherlands                                  DXCC list!

Looks like the 100 watt amp is doing its job well! Anyway, as far as amateur radio is concerned here, it is very boring because of all the restrictive rules. I have rarely touched my 2m HT at all while I have been here. Oh yes, I will most likely be back sometime next summer so N4QXH, sign me up for some Public Service events! KD4IKZ -- hope that packet is fun! Anyway, I gotta run now, I've got homework to do! Good luck to all of you and stay in good health.

73 he

KC4ZLU/PDORIW

P.S. PLEASE WRITE (I'm desperate)

Airmail is \$ .39 and the address is:

Paul Grether  
Bloemhof 47  
1403 NB Bussum  
The Netherlands

P.P.S. THAT MEANS YOU!!!!