

# Squelch Tales

Volume 4 Issue 1

January, 1997

The Quarterly Newsletter of the North Fulton Amateur Radio League, Inc.

## Editorial Comment

by Pat Patterson, AD4GJ

**H**ope that all of you had a happy holiday season. And hopefully Santa brought that new radio, amplifier or antenna that you've been wanting.

We had our annual holiday gathering at the Chimney Springs subdivision community center and a great time was had by all. We had the installation of the officers of the club for 1997 and the "Amateur of the Year" award was presented to Mike Del Pozzo, KR4TG. The food was great and the friendship was even better.

The officers of the North Fulton Amateur Radio League for 1997 are Steve Mays, KS4KJ, President; Keith Hylton, KE4TEG, Vice-President; Fred Holcomb, W2HIK, Treasurer; and Leah Cook, KE4VFI, Secretary. Join me in congratulating them and wishing them all the best in 1997.

The N.F.A.R.L. World Wide Web Home Page is on line at <http://www.nfarl.org> for those of you who have not visited it yet. Drop on by and leave a message on the visitor's log. If you see a problem with it or have any suggestions to improve it, leave them on the log when you visit. If you would like a link to your home page, e-mail me and I will put a link up to your site.

Hey, everybody, have a fantastic 1997 and let's all work together to make 1997 a great year for NFARL and make NFARL the best amateur radio club in

the Atlanta area, bar none. Don't just pay your dues, make a difference !!!!

73,



## Inside This Issue

Information &  
FUN!!!!!!

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## President's Corner

Steve Mays  
KS4KJ



Well, here it is, the beginning of a new year. At this time of year it's natural to reflect on the year gone by and see what can be done to improve the year ahead.

In the past year

NFARL has tried to bring to the members the things they have wanted to see and do. We've held the meetings where we could have a good meal and have some privacy so that speakers can be heard. We've tried to get people to come and talk about a wide range of aspects of ham radio. We've made Field Day a place to come and see antenna innovation while giving the chance to operate some really nifty radios. We've tried to upgrade and maintain the repeaters. We've tried to make things fun for everyone. We may not have succeeded on doing everything we set out to do, but we tried our best.

So, having looked at what we have done, we turn to what we would like to do in the coming year. We would like to keep offering good topics at meetings to inform and entertain those of you who attend the meetings. We would like to get more of you to come to meetings and see what is happening. We want to keep improving our activities like Field Day and add some new ones, such as some

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**Squelch Tales**  
**North Fulton Amateur Radio**  
**League, Inc.**  
**P.O. Box 1741**  
**Roswell, GA 30077**

Editor - Pat Patterson, AD4GJ  
 770-992-8355  
 ad4gj@worldnet.att.net  
 webmaster@nfarl.org

President - Steve Mays, KS4KJ  
 Vice-President - AJ Fischer, KC4HUB  
 Treasurer - Fred Moore, N4CLA  
 Secretary - Leah Cook, KE4VEI  
 Membership Coordinator - Steve Mays

**CLUB 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 Pat Patterson, 2070 Laurel Mill Way, Roswell, GA, 30076, or uploaded via modem (in ASCII format). Other types of input format include Word for Windows, WordPerfect, MS Works and Windows Write. Acceptable graphics formats include PCX, BMP, HOL, PIC, GIF, TIF, DRW, and PCD.

You may also contact Pat at 770-992-8355 to discuss the submission of an article to the newsletter. No copyrighted material may be submitted to *Squelch Tales* without proper written authority from the copyrighted source.

**NEWS NET EVERY MONDAY**  
 At 8:00 P.M. on 145.470 MHz  
 Alt. Frequency: 147.060 MHz

**Monthly Meetings:**  
 Second Wednesday of Each Month  
 Dinner - 6:30 PM  
 Meeting & Program - 7:30 PM  
 Alpha Soda  
 Alpharetta, GA  
 Talk in on 145.470 MHz

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*North Fulton Amateur Radio*  
*League Quick Repeater Guide*  
 145.470, 147.060, 444.475

Open Commands

- #1 Echo Test
- #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
- Maintenance
- 25 User Hang-up Code
- 30 CTCSS Command

N = Number To Dial

Only from Phone Line

- 1 Reverse Patch
- 2 Monitor Air
- 3 Non-directed Patch Page
- 4 Directed Patch Page

**Additional copies of the repeater manual are available for \$6 each. Contact Fred Moore at 770-992-0877 for details. All checks should be made payable to the N.F.A.R.L.**



**HAMFEST CALENDAR**

*Courtesy of the ARRL*

January 25	Gallatin, TN
February 1-2	Miami, FL
February 1-2	Jackson, MS
February 14-16	Orlando, FL
February 22	Dalton, GA
March 1	Tuscaloosa, AL
March 1	Athens, GA
March 8-9	Charlotte, NC
March 15	Marietta, GA
March 15	Knoxville, TN



I would like to start off by saying hello to all the members of NFARL. "Hello Everyone!"

*V. P. 's Place*

have been a member of NFARL going on three years now. I am looking

forward to working with Steve (KS4KJ) our President, and the rest of the officers and membership. I will work hard to help the membership of NFARL to grow and lead the club toward an enhanced repeater growth.

Fred (N4CLA) has some great ideas in the area of repeater enhancements. Some include the addition of remote receivers, full duplex auto-patch, site improvements and many many more. The first step toward these enhancements was the creation of the Technical Enhancement Group. The TEG was started from a discussion at the Waffle House of my experience with the North Virginia FM Repeater Association and their Technical Advancement Group (TAG). At the next

*(Continued on page 13)*

**FCC License Status**  
**Number:**

**1-800-322-1117**

## Atlanta VEC Schedule

(All days are once a month for  
each notation)

1st Saturday 9:00 AM	<b>Jonesboro</b> George White KN4NG 361-6850
1st Sunday 2:00 PM	<b>Lawrenceville</b> Duane Reynolds WB2YAD 962-9582
1st Monday 7:45 PM	<b>Roswell/Marietta</b> Delaine McCarthy KM4FV 993-9758
2nd Sunday 3:00 PM	<b>Carterville</b> Mark Swicord KD4EYF 975-1309
2nd Tuesday 7:00 PM	<b>Snellville</b> Wayne Taylor WD4CCA 498-7759
2nd Saturday 8:30 AM	<b>Stone Mountain</b> Hal Martin K14RD 978-9160
3rd Saturday 9:00 AM	<b>Marietta</b> Larry Huff WA4CQZ 955-3171
4th Sunday 2:30 PM	<b>Atlanta</b> John King AB4GK 381-5291
4th Friday 7:00 PM	<b>Lilburn</b> Howie Gould W4NVE 921-8362

## Metro Atlanta Area Nets and Roundtables

Mon	145.47-	8:00 PM	NFARL Net
Mon	147.21+	8:00 PM	Coryer ARES Net (PL 162.2)
Mon	145.45-	8:00 PM	ARES Net (Decatur)
Mon	3.975	8:00 PM	Swap Net
Mon	145.41-	8:30 PM	MATPARC Net
Tue	147.075+	8:00 PM	Want, Swap, Sell & Info (GARS)
Tue	147.075+	9:00 PM	CW Practice Net (GARS)
Tue	145.47	10:30 PM	Insomniac Net
Wed	145.41-	8:00 PM	QCWA Net
Wed	147.075+	8:00 PM	Packet Net (GARS)
Wed	146.655-	9:00 PM	BSRG Net (PL 188.8)
Wed	146.67-	9:00 PM	LARC Net
Thu	146.88-	8:00 PM	Kenneshoachie ARC
Thu	147.225+	8:00 PM	NE Ga ARC (1st Thu @ 9:30 PM)
Thu	147.15	8:00 PM	Simplex
Thu	145.41-	9:30 PM	AMSAT
Thu	Cable 57	9:30 PM	Amateur Television (ATV)
Fri	3.898	8:00 PM	Ga Traders Net
Fri	146.76-	Midnight	Turnip Truck Net (PL 107.2)
Sat	7.275	8:00 AM	Swap Net
Sat	146.76-	Midnight	Turnip Truck Net (PL 107.2)
Sun	7.275	9:00 AM	Ga Traders Net
Sun	3.963	5:00 PM	GA ARES
Sun	146.76-	7:00 PM	Roundtable AMRC (PL 107.2)
Sun	145.47-	8:00 PM	HamWatch Net
Sun	147.075+	8:00 PM	Gwinnett ARES Net
Sun	146.82-	8:00 PM	ARC Net
Daily	146.76-	Noon	Brown Bag Net (PL 107.2)
Daily	3.975	6:00 PM	WX & Skywarn
Daily	146.79-	8:00 PM	Sassafras Mtn. Net
Daily	146.88-	11:00 PM	Late Nite Owl Net

This is a "living list" which means it will be constantly changing. If you know of any nets or RoundTables that could be listed here, please contact the editor.



We were saddened to learn of the passing of two fellow NFARL members:

*Sam Agos Z97LS passed away in April, 1996*

*Marty Stone ZM4MG passed away in August, 1996*

*If anyone knows a member of the family of either Sam or Marty, please extend the condolences of the North Fulton Amateur Radio League.*

*They will be greatly missed*





# Repeater Emergency Codes

**POLICE**

100 479-5511  
 101 479-2525  
 102 479-5518  
 103 479-5518  
 104 926-7778

**CHEROKEE**

County  
 Canton  
 Little River  
 Oak Grove  
 Woodstock

**FIRE**

110 345-5515  
 111 479-2323  
 112 926-7791  
 113 926-9870  
 114 926-7778

**POLICE**

700 768-8200  
 701 475-5900  
 702 658-6666  
 703 766-3618  
 704 768-8200  
 705 964-1441  
 700 768-8200  
 706 768-8200  
 707 768-8200  
 708 641-3714  
 709 964-1332

**FIRE**

**FULTON**

County 710 768-8200  
 Alpharetta 711 475-5353  
 Atlanta 712 659-2121  
 College Park 713 766-9621  
 East Point 714 768-8200  
 Fairburn 715 964-1441  
 Mountain Park 710 768-8200  
 Palmetto 716 768-8200  
 Red Oak 717 768-8200  
 Roswell 718 993-6677  
 Union City 719 964-1332

200 471-4242  
 201 366-4141  
 202 478-7407  
 203 366-8035  
 204 961-4000  
 205 966-3382

**CLAYTON**

County  
 Forest Park  
 Jonesboro  
 Lake City  
 Morrow  
 Riverdale

210 471-4242  
 211 366-4141  
 212 478-7407  
 213 471-4242  
 214 961-4000  
 215 996-1912

**COBB**

County  
 Acworth  
 Austell  
 Kennesaw  
 Mableton  
 Marietta  
 Powder Spgs.  
 Smyrna

300 499-3911  
 301 974-3111  
 302 948-2514  
 303 422-2505  
 304 422-5420  
 305 429-4300  
 306 943-1616  
 307 434-6666

310 422-2121  
 311 422-2121  
 312 948-6411  
 313 422-2121  
 314 422-2121  
 315 424-8333  
 316 422-2121  
 317 434-6666

800 962-1900  
 801 962-1900  
 802 476-4151  
 803 963-2443  
 804 921-2211  
 805 962-1900  
 806 448-2111  
 807 972-2623  
 808 962-1900  
 809 962-1900

**GWINNETT**

County 810 963-0123  
 Buford 811 963-0123  
 Duluth 812 963-0123  
 Lawrenceville 813 963-0123  
 Lilburn 814 963-0123  
 Mountain Park 815 963-0123  
 Norcross 816 963-0123  
 Snellville 817 963-0123  
 Sugar Hill 818 945-5397  
 Suwanee 819 963-0123

400 294-2911  
 401 458-0121  
 402 294-2911  
 403 373-6551  
 404 458-8561  
 405 768-7171  
 406 294-2911  
 407 469-0101  
 409 294-2911

**DEKALB**

County  
 Chamblee  
 Clarkston  
 Decatur  
 Doraville  
 Hapeville  
 Lithonia  
 Stone Mtn.  
 Tucker

410 294-2911  
 411 294-2911  
 412 294-2911  
 413 373-0600  
 414 294-2911  
 415 768-7171  
 416 294-2911  
 418 294-2911  
 419 294-2911

900 957-9121  
 902 946-4512  
 903 957-5200  
 904 957-1217  
 905 957-9121

**HENRY**

County 910 957-9121  
 Hampton 912 946-4512  
 Locust Grove 913 957-5200  
 McDonough 914 957-1217  
 Stockbridge 915 957-9121

500 949-5656  
 501 942-3211  
 502 942-2121

**DOUGLAS**

County  
 Douglasville  
 Lithia Spgs.

510 949-1212  
 511 942-3171  
 512 949-1212

**911**  
  
**0\*0**  
**0\*1**  
**0\*2**  
**0\*3**  
**0\*4**  
**0\*5**  
**0\*6**  
**0\*7**  
**0\*8**  
**0\*9**

600 461-6353  
 601 461-4111  
 602 487-7977  
 603 487-7977

**FAYETTE**

County  
 Fayetteville  
 Peachtree City  
 Tyrone

610 461-6353  
 611 461-4111  
 612 487-7977  
 613 487-7977

**FULTON COUNTY**

**ATLANTA POLICE**  
**FULTON COUNTY**  
**DEKALB COUNTY**  
**COBB COUNTY**  
**GWINNETT COUNTY**  
**CLAYTON COUNTY**  
**GEORGIA STATE PATROL**  
**ATLANTA FIRE DEPT**  
**MARIETTA POLICE/FIRE**  
**ATLANTA GAS LIGHT**

# Who's Who in the N.F.A.R.L.

(As of December 9th, 1996)

72	AA4EC	Larry	Boden Jr.	43	KD4BIO	John	Brewer
121	AA5NQ	Jack	Brabham	302	KD4RQE	Philip	Zeigler
47	AB6FD	Brad	Freeborn	340	KD4FKX	Dixie	Smith
377	AC4CA	John	Huecksteadt	339	KD4FKY	David	Smith
63	AD4GJ	Pat	Patterson	57	KD4PTE	Ina	Earhart
255	AD4ER	Russell	Akridge	303	KD4FYJ	Bill	Pickens
336	AG6R	Bryan	Carl	320	KD4HFR	Mario	Ruhnke
59	K3PPY	David	McBride	312	KD4HEM	Douglas	Allen
117	K4UB	Bill	Kimes	304	KD4HYX	Donna	Pickens
97	K4AMJ	Tom	Knight	327	KD4IKK	David	Jacoby
260	K4GLE	Everett	Thomas Jr.	326	KD4IIA	David	Mayer
71	K4JHM	Hal	Myers	333	KD4KEY	Martha	Clark
20	K4JMY	Alan	Dages	374	KD4LET	Mark	Fick
252	K4UAF	Don	Rogers	335	KD4LXQ	Chuck	Daley
92	K6KID	Phil	Finkle	1	KD4MC	Doug	Drye
30	KA4GGI	Joseph	Pastuch	21	KD4PEN	Joel	Garrett
376	KA9FJD	Karl	Gray	60	KD4RJK	Rick	Patchin
382	KB2USD	Diane	Stedman	300	KD4RTY	Caroline	Keown
131	KB4KBS	Scott	Straw	148	KD4RUA	Phillip	Butler
317	KB4KHQ	Lane	Watts	351	KD4SGK	Alan	Manning
124	KB4LWS	Diane	Andrus	79	KD4SGR	Bill	Reynolds
125	KB4LWT	Larry	Andrus	53	KD4TPG	Jeff	Medin
64	KB4NUC	John	Hess	371	KD4UUE	Frank	Neubert
91	KB4VBS	Greg	Culpepper	69	KD4YDD	Scott	Brown
256	KC4AER	Kathleen	Foulkes	94	KE4CKA	Wendell	Webb
649	KC4GPH	Monte	Freeman	370	KE4CTS	John	Foster
360	KC4HUM	David	Shively	88	KE4CWG	Ken	Bishop
89	KC4RIB	Al	Fischer	102	KE4DCJ	Nancy	Smith
220	KC4ROW	Kenny	Snyder	101	KE4EGD	Terry	Smith
275	KC4WHE	George	Scott	99	KE4GNH	Adam	Lee
231	KC4YBO	Steve	Knittel	54	KE4EPS	Judie	Medin
262	KC4ETY	Steven	Sheppard	50	KE4KPU	Gregory	Wieland
10	KD4APK	David	Fellows	365	KE4KXQ	Ira	Rappaport
129	KD4APE	Kathleen	Coleman	48	KE4FOS	Edward	Hotchkiss
283	KD4APT	Shiona	Cavaliere	68	KE4FOV	Bert	Bruner
301	KD4ATP	John	Keown	104	KE4HBN	Oliver	Staley

(Continued on page 6)

369	KE4HMS	James	James	373	KF4KFE	Lisa	Butler
106	KE4HBN	Sue	Gutkes	379	KF4KTA	John	Hines
105	KE4HNP	Mike	Langley	380	KF4KUG	Steven	Ziskind
364	KE4HNQ	Mary Anne	Moore	170	KF4ZZ	Judd	Converse
113	KE4IGA	Sam	Freeman Jr.	96	KG8EN	Dave	Vanderwall
112	KE4JKN	Susan	Mays	41	KI6CQ	Paul	Brewer
116	KE4JKR	Creed	Crutchfield	128	KJ4YM	Mark	Coleman
119	KE4JTX	John	Vlad Jr.	266	KM4FV	Delaine	McCarthy
127	KE4MCW	Rose	Daley	56	KM4KB	Charles	Barhart
75	KE4MLU	Elaine	Sanders	337	KQ4BG	Richard	Seay
135	KE4NPE	Jerry	McKibben	342	KQ4WE	Donald	Reed
27	KE4NPF	Nicole	Reynolds	33	KR4MM	Bryan	Gay
133	KE4NPG	Bo	Tomlinson	328	KR4TG	Michael	Del Pozzo
58	KE4OCP	Steve	Howard	103	KS4CC	David	Hunt
42	KE4QFQ	William	Chenault	268	KS4CM	Bill	Slatton
375	KE4QLH	David	Ziskind	134	KS4GT	Ruth	Clemens
83	KE4SJM	Wesley	Shultz	2	KS4KJ	Steve	Mays
52	KE4SWX	Michael	Gresham	108	KS4OP	Steve	Potter
51	KE4TEG	Keith	Hylton	25	NI4RM	James	Alderdice
46	KE4UTT	Jonathan	Reich	381	N2OJQ	Ernie	Stedman
331	KE4VFI	Leah	Cook	330	N3PDT	Michelle	Bonelli
95	KE4VGW	Daniel	Lawrence	329	N3PDU	Mike	Bonelli
80	KE4WLQ	Steve	Cook	130	N4BNC	Dave	Isom
67	KE4WLR	Robin	Cook	383	N4CIW	Larry	Underwood
66	KE4WOC	Mike	Cook	3	N4CLA	Fred	Moore III
78	KE4WYV	Daniel	Reader	85	N4GFF	Carl	McKinney
84	KE4ZAA	Jared	Baker	11	N4HRA	Lew	Cason
385	KF4BUW	Sandy	Harris	77	N4JDO	Marty	Olson
86	KF4DAO	Mark	Liakos	70	N4JJH	Tony	Boden Sr.
87	KF4DMU	John	Dallas	34	N4KUF	Ernest	Massingill
358	KF4DVM	John	Galbraith	74	N4LPU	Cliff	Walker
359	KF4DVN	Pen	Anderson	185	N4PEA	Patton	McKinney
362	KF4DZV	Cliff	Segar	251	N4QVP	Robert	Stam
361	KF4ECD	William	Cassanova	16	N4QKH	Alan	Stern
346	KF4EOM	Ken	Kizree	265	N4SE	George (Mac) McCarthy	
345	KF4EYL	Clayton	Juckett	44	N4SHO	Chuck	Rann
368	KF4FBK	Steven	Vore	203	N4UAY	Hamp	Smith
366	KF4FID	Ellen	Rappaport	202	N4UJO	Larry	Richardson
363	KF4GPG	Cynthia	Follette	207	N4UUD	Walter	Wilson
372	KF4IPQ	Lee	Juckett	205	N4VTH	Patty	Smith
378	KF4KFD	Gerald	Rappaport				

(Continued on page 7)

285	N4VYP	Dorothy	McKinney
157	N4WJI	Marilyn	Stafford
280	N4YIE	David	Gibson
261	N4ZCX	George	Price
282	N4ZUQ	David	Cavaliere
73	NC4EK	Jack	Sanders
90	ND4D	Chuck	McGinnis Jr.
120	NK4U	Nancy	Draheim
384	VE2NQ	Dave	Hannah
4	W0QO	Jeffrey	Weinberg
247	W2HIK	Fred	Holcomb III
181	W4DQT	Bill	Flage
18	W4EJF	Forrest	Shelton
253	W4IRZ	Bill	Reynolds
334	W4HAR	George	Ryan
19	W4QO	Jim	Stafford
35	W4SHD	Jack	Van Hutton
49	W4UXJ	Marvin	Moss
321	W4WKP	Johnny	Faron
152	W4YEV	Terry	Joyner
400	W8RLA	Vern	Fowler
55	W8SOA	Jack	Conrad
61	WA4BNV	Mike	Henry
5	WA4BRO	Dan	Turner
230	WA4BVI	Marvin	Ramos
6	WA4BNJ	Mike	Connell
347	WA4POU	Gilbert	Butler
276	WA4WSP	Michelle	Weinberg
82	WB2HMZ	Frank	Lombardi
100	WB3JAU	Larry	Mottley
81	WB4GTL	Duane	Farmer
28	WB4PTL	Dan	Gustafson
192	WB4RTP	Avery	Davis
45	WB4EBV	Kim	Clough
145	WB4ETA	Ginny	Clough
319	WB5ZDH	Don	French
367	WB9GHO	Michael	Hammel
29	WD4HIT	Warren	Coleman
39	WV5R	Cameron	Clayson

## DID YOU FORGET?

If you haven't paid your dues yet and they are past due, please do so now. Keep your repeater privileges intact.

Thanks .....



**For Sale: Ranger RCI-2950** 10meter all-mode with all mods and enhancements, plus a special 45 watt FM capability. Remember: Cycle 23 has started and 10 meters will be jumping soon. The first \$265.00 gets to take it home. Page KE4TEG at 404-701-3925.

**For Sale: Icom 706** in great condition with MARS/CAP mods, all papers, manuals, and boxes. Will take first offer of \$925.00. Page KE4TEG at 404-701-3925.

Got something that you want to buy, sell or trade? List it here in the "Swap Shop" by sending it via snail mail to Squelch Tales Editor, P.O.Box 1741, Roswell, GA, 30077 or by E-mail to [ad4gj@worldnet.att.net](mailto:ad4gj@worldnet.att.net). It stays here until it sells. When it does you donate 5% of the asking price to NFARL. Try to keep each ad as short as possible, but put in as many as you want. If you sell the item or just want the ad out, contact the editor and have it removed. We'll leave it to each individual's integrity, as to whether or not they sold the item. Item does **not** have to be "Ham related."





# N.F.A.R.L. Treasurer's Quarterly Report

**HamWatch**  
by  
Nicole, KE4NPF

N.F.A.R.L.  
Profit and Loss  
January 1 through December 8, 1996

**Income**

Avrl Renewal	96.00	
Auction Income	45.40	
Contribution Income		
Unresrv	30.00	
Total Contribution Income	30.00	
Don Income	4323.00	
Int Income	70.00	
<b>Total Income</b>		<b>4566.40</b>

**Expense**

ARRL Expense	31.00	
Auction Expense	40.00	
Charges		
Bank	62.50	
Total Bank Charges	62.50	
Contributions	100.00	
Equipment Purchase	335.94	
Field Day	116.37	
Internet	100.00	
Misc Expenses		
Lock Hardware	105.00	
Total Misc Expenses	105.00	
Newsletter		
Postage	165.00	
Printing	296.10	
Total Newsletter	461.10	
Office		
Postage	98.54	
Printing	271.72	
Manual Repro	94.00	
Printing - Other	14.00	
Total Printing	112.00	
Rent		
POB	40.00	
Rent - Other	-150.00	
Total Rent	-110.00	
T&E		
Security Deposits	150.00	
Total T&E	150.00	
Tax		
Georgia Dept of ...	12.62	
IRS	35.00	
Tax - Other	6.74	
Total Tax	55.36	
Telephone		
Socrel Mtn	448.55	
Water Tower	374.25	
Total Telephone	822.80	
<b>Total Expense</b>		<b>2,753.33</b>
<b>Net Income</b>		<b>1,813.07</b>

Another year has passed and I hope everyone had a good one. Elections were held at the November meeting. Hamwatch, the new officers are:

John Galbraith - KF4DVM - President

Susan Mays - KE4JKN - Vice President

Chuck Daly - KD4LXQ - Training Coordinator

Nicole Reynolds - KE4NPF - Secretary

I would like to thank everyone for their support this last year. I enjoyed taking on the challenge of leading a group and learned a great deal about people and ham radio. We are looking forward to another great year of Hamwatch.

As we head into the winter months the Public Service Event list is very light, but should start to pick up in March. All upcoming events will be announced on our Sunday night net. We meet on the first Wednesday of every month at the Alpha Soda restaurant in Alpharetta, dinner at 6:30PM and the meeting starts at 7:30PM.

We hold a net every Sunday at 8:00PM on the NFARL 145.470mhz repeater and on the third Sunday of the month we meet at the Shoneys on Holcomb Bridge road for breakfast and training. Please come out and join us.

73

KE4NPF

Nicole Reynolds





# Quarterly Secretary's Report

October 9, 1996

Steve Mayes began the meeting @ 7:50 p.m.

We had one visitor tonight, Judy, KE4EPS.

Keith Hylton, KE4TEG, announced that a new internet service will begin running November 1. It is called Radia ISP Systems, Inc. The charge for this service is \$13.95 (for amateurs -Ed) per month for unlimited access. If you would like more information or to get on-line call 770-552-6993.

Pat, AD4GJ, is finishing up our club's websight. The club needs to register for a name. Fred checked to see if NFARL.ORG was available and it is. The cost for having this is \$100.00 for registration for 2 years. The cost after 2 years will be \$50.00 for every year thereafter. There was a motion for the club to spend money on this. The result was 16 for and none opposed. Looks like we'll have the websight up in no time.

Jeff, AA4RC, took over the "Amateur Radio World web page". The address for that page is: <http://www.mindspring.com/~jweinb/arworld/arwindex.html>. Cliff, KE4DZV, says this is a good sight and suggest checking it out.

The November meeting will be election time. An election committee was made up to get nominations together, the volunteers for this committee were: Jeff, AA4RC; Keith, KE4TEG; and Cliff, KE4DZV.

Jack, W4HSV, will be doing the program

for November, he will be speaking about Packet Programs.

There has been a problem getting people to pay their dues. If you have dues to pay, and you know who you are, please pay them promptly. If you do not pay your dues your control privileges will be cut off after one month of your expiration date. If you want to keep your privileges, PAY YOUR DUES.

Field Day 97' is 9 months away. It would be good to get plans started now so we need people to volunteer to help coordinate this wonderful event. We have gotten a suggestion from Kathy, N4CLA's wife, to have tailgating. If you have any suggestions at all or would like to volunteer to help, please let one of the officers know. Any help would be appreciated.

John, KF4DVM, announced that Steve Cook, KE4WLQ, is having a training class for weather spotting in a few weeks. If anyone is interested, contact Mike Cook, KE4WOC.

We need nominations for amateur of the year. The amateur of the year will get a plaque at the Christmas party. Nominations need to be made by the November meeting. You can get Steve by e-mail, regular mail or tell any of the other officers who you would like to nominate.

Our speaker for the evening took over. Steve Hudson, AA4BW, talked about QRP and showed some interesting slides of QRP equipment.

Meeting ends @ 8:50 p.m.

November 13, 1996

Steve Mayes began @ 7:38 p.m.

December 11th is the Christmas party @ Chimney Springs Club House. (in Jeff's used to be AA4RC, now W0QO, neighborhood). Steve forgot to bring maps so for directions there will be talk-in on 54 and 706. Steve asked for volunteers to make phone call to members to bring food items. John, KF4DVM, Pen, KF4DVM and I (KE4VFI) volunteered. The club will provide the meat and drinks. Amateur of the Year will be awarded a plaque at the party, we could use more nominations so contact a officer for nominations. Need to know by the following Wednesday.

Keith, KE4TEG, Mr. internet provider has his service on-line now. Once again the cost is \$13.95 per month. We will have our websight up soon so sign up now to get on-line. Check out [radia.com](http://www.mindspring.com/~jweinb/arworld/arwindex.html). Keith is donating space for NFARL. Thanks Keith.

Keith is also working on getting up a meter repeater. We will have a motion during January's meeting for club funding on this project.

Fred brought up that 8 people have still not paid dues since September. If you are looking to renew or join the ARRL go through the club and we will get a profit.

Once again, check out Jeff's websight @ [HTTP://www.mindspring.com/~jweinb/arworld/arwindex.html](http://www.mindspring.com/~jweinb/arworld/arwindex.html)

Jeff passed around this address considering it's so long for people to remember.

Steve passed around TEN-TEC booklets.

*(Continued on page 10)*

(Continued from page 9)

HRO had a lot of old QST, CQ, and Ham Radio magazines that our president would like to get rid of to anyone who will take care of them. Needless to say Mike, KR4TG, took them off his hands, a number of boxes, and proceeded to stock the trunk of my car. Who would have known?

## ELECTION TIME!!!

Just a reminder that our election committee was made up of Keith, Jeff, and Cliff. Thank you gentlemen.

Here were the nominations and voting results:

President - Steve, KS4KJ

13  
George, N4ZCX

10

Vice President - Keith, KE4TEG

13  
Al, KC4RIB

07

Treasurer - Fred, W2HIK

22+

Secretary - Cynthia, KF4GFG

03  
Leah, KE4VFI

18

Congratulations to all the 1997 officers!

Al, KC4RIB, got a round of applause for his great job as vice president, stepping up in Cam's position.

Jerod, KE4ZAA, passed around a key-chain that the club is considering having made with our logo. The price is around \$5.00 and \$7.00. Dave, KD4ILA is looking into getting some club jackets made up. He is checking prices on that.

We had a few visitors tonight:

Dan - KA2WNN, Dan has just moved in the area about 2 months ago.

Jay - KF4IIV  
Paul - KE4TZV

Wes, KF4GFG's husband, passed his novice portion of the test. One hulf to go and we'll have a new ham. Good luck Wes.

Cliff, KF4DZV passed his 5 wpm with 52 characters in a row, way to go Cliff! Have fun on 10 meters.

Everyone introduced themselves.

Meeting was turned over to Jack Van Hutton, W4HSV, who talked about Packet programs.

73,

Leah, KE4VFI

December 11, 1996

The annual Holiday Party was held at the Chimney Springs subdivision clubhouse. Approximately 35 members attended and each were asked to bring a covered dish. The club furnished the meat trays and drinks. After everyone had stuffed themselves, Steve, KS4KJ, had a short meeting where he introduced the 1997 executive board for NFARL. Since it's shown several times in this newsletter, I won't show it again. After that, the "Amateur of the Year" award was presented to Mike Del Pozzo, KR4TG. It was also mentioned that Mike, KE4WOC, had been upgraded to General and that Sandy, KF4BUW, was the newest member in the NFARL.

Happy 1997 to everyone.....

Pat AD4GJ

Field Day - 1997

(Editorial)

Ok, I know it's just January and Field Day is not until the end of June, but there's no reason that we can't start thinking about it and maybe doing some planning.

Mike, KR4TG, has accepted the challenge again this year to be the Field Day Coordinator and he did a fine job last year. But it's almost impossible for one person to do everything. Sure, we had the same people out setting up the towers, antennas, tents and equipment and they did a fine job, but all in all, Mike had to run the show. And when you have to coordinate everything like he had to do, something's going to slip. And the most important thing slipped. Keeping operators on the radios. If it hadn't been for a couple of kids (that I don't even think had their license), we wouldn't have got as many points as we did, which was way down from other years. At one point in time Sunday morning, we had so few operators that none of the radios were being manned.

Ok, I know that somebody coined a phrase, "Fun Day, Family Day, Field Day" and perhaps it should be in that order, but Field Day was originally set up for hams to practice their emergency message handling capability in a non-emergency situation and there's no reason that we can't concentrate on that and still keep it a Fun Day and a Family Day.

I would like to see Mike as the overall coordinator this year, with at least 15 to 20 people coordinating activities under him. And each of those people having 5 or 6 under them.

Unrealistic! Maybe, but we've got 193 members in this club and I have yet to meet probably 125 of them. I challenge all 125 of you (you know who you are), to come out and make a difference. Come out and see some of the friends you haven't seen in years. Think about it.....

Pat  
AD4GJ

# Amateur News From The ARRL

## Vanity Call Update

As FCC personnel in Gettysburg work their way through the vanity applications that arrived after the September 23 opening day for Gate 2, more new call signs have begun to show up on the airwaves.

As of this week, vanity applications received in mid to late October were being processed and another 1700 or so new call signs issued as of December 4. The FCC is still working through several hundred applications set aside in the WIPS ("works in process") stack for special handling, although Gettysburg reports WIPS have been processed for applications received up through September 27. WIPS includes applications containing inconsistencies as well as those for which the FCC was unable to issue any of the applicants' choices. An FCC spokesman in Gettysburg said he didn't know how long it would take to process the current WIPS stack.

The FCC received another 955 vanity applications between November 8 and November 25. It appears that slightly more vanity applicants now file electronically than on paper.

Club station trustees who recently received a new call sign might have noticed that FCC records for their club stations are not automatically updated to reflect the change in the trustee's call sign. This will not happen until the club files a Form 610 for change of address or renewal (within 90 days of club license expiration). The FCC does not intend to replace club station license documents that show a non-current trustee call sign.

## Oscar 13 Re-entry

It's very likely that OSCAR 13 has already burned up in the Earth's atmosphere, but James Miller, G3RUH, reports he has not

received confirmation to that effect from NORAD or other sources. On Tuesday, NORAD placed AO-13 on its "re-entry imminent, track closely" list. Bot Miller said today that his projections indicated the satellite, which stopped functioning about a week ago, should have re-entered the atmosphere over the US on Thursday, December 5, at approximately 0858 UTC. Stay tuned!

## Third-party QSOs Approved With KC5TZO Aboard MIR

The FCC has honored the ARRL's request to permit third-party communication with John Blaha, KC5TZO, aboard the Russian *Mir* space station. Until recently, only US-licensed Amateur Radio operators could talk to Blaha via ham radio. The FCC ruling now extends that privilege to students as well as Blaha's family and friends. With this approval in place, the SAREX Working Group and MIREX (the group that has scheduled *Mir* school QSOs for the past few years) will begin plans to schedule school QSOs with Blaha—an effort that will gain in significance as the shuttle program transitions to the International Space Station, and as ham radio is manifested on fewer US shuttle missions. The FCC permits a US-licensed control operator (who must be present during the QSO) to allow unlicensed students or friends to talk to Blaha. The grant does *not* include conversations with other *Mir* crew members, where standard third-party traffic rules apply.

Schools wishing to get an application for QSOs with ham/astronauts aboard *Mir* should send an SASE to the Educational Activities Department, ARRL, 225 Main, Newington CT 06111.

*Mir* crews make random voice QSOs during their off-hours. Anyone contacting the *Mir* crew should refrain from asking to

schedule QSOs, however, as they do not have a long-term calendar. Incidentally, the 2-meter *Mir* FM frequencies have changed from 145.55 MHz simplex, to a combination of 145.800 MHz simplex packet and 145.200 MHz downlink/145.800 MHz uplink for FM voice. This change was due to a recommendation from IARU Region 1 (Europe), and was not the crew's idea. The frequency change has caused some problems in Region 3 (North America, where the recommendation would not apply anyway) and resulted in some interference between those attempting to contact *Mir* and repeater and APRS users on that part of the band.

As this report was filed, it was reported that the *Mir* ham radio antenna was damaged during the recent space walk, putting the ham station off the air. The antenna system is expected to be repaired this weekend. —Rosalie White, WA1STO

## Phase 3D Passes Initial Power-On Tests

Phase 3D passed its first power-on testing in mid-November. The prototype integrated housekeeping unit (IHU) was installed in the spaceframe and attached to the wiring harness and powered by two bench supplies. The team used a series of tests to check out the G3RUH modem and the ground test umbilical cable, which connects the spacecraft to the control computer. The test simulated the data path that ground stations will use to communicate with Phase 3D when it is in orbit.

Phase 3D integration manager Lou McFadin, W5DID, called the tests "an extremely important milestone in the Phase 3D integration process". McFadin said that all of the flight electronic modules will be hooked up to the spacecraft's wiring harness over the next couple of

*(Continued on page 12)*



(Continued from page 11)

months. Next on the testing roster are the battery charge regulators—the first European-made modules to be “brought to life.” The P3D spacecraft has three BCRs, as compared to one in phase 3C (OSCAR-13).

*QST* will publish a multi-part series on Phase 3D starting with an article in the January issue. —*AMSAT News Service*

### Solar Roller Coaster Zooms Downhill

Sun watcher Tad Cook, KT7H, in Seattle, Washington, reports: Solar activity surely declined this week compared to last. The past couple of days have had a sunspot number of zero, the average sunspot number declined over 38 points, and the average solar flux dropped over 11 points when compared to the previous week, when solar activity took an unexpected leap to levels not observed in more than two years. We have not seen solar flux at 100 since September 3, 1994, and when it reached 104.4 on November 25, the solar flux had not been that high since February 24, 1994. As solar region 7999 crosses over the Sun's west limb, solar flux is declining to the values of a few weeks ago, and is expected to remain around 70 or lower until after the middle of the month. Unless something new materializes and creeps around the Sun's east limb to surprise us, after December 16 the flux should rise to a high around 94 and then drop back below 90 around December 29.

Geomagnetic activity is projected to stay fairly quiet, with some moderately unstable conditions projected around December 17, with an A index around 12. The Boulder A index is currently very low at 1, and the K index—as this is written—is 0. The A index is expected to bump around between 8 and 10 for most of the period from December 8 to 24.

KL1V of Valdez, Alaska, wrote to say that on November 23 from 1926 to 2109 UTC and again on the November 25 from 1954 to 2321 UTC 15 meters was open to the Pacific, South American and the southern US-

-unlike any conditions he had experienced since about two years ago. Signals were booming in on 15 meters at well over S9. He hopes that it is a sign of good things to come. I hope so too, but, in fact, the recent surprising activity was probably a last blast from the previous solar cycle, since it came from low latitudes, which don't usually show much activity until later in a new cycle.

Sunspot numbers for November 21 through 27 were 26, 27, 73, 54, 89, 85 and 63, respectively, with a mean of 59.6. The 10.7-cm flux was 74.4, 82.6, 91, 99.8, 104.4, 103.6 and 102.7, respectively, with a mean of 94.1. The planetary A indices for the same period were 5, 3, 3, 8, 4, 4 and 8, respectively, with a mean of 5.

Sunspot numbers for November 28 through December 4 were 37, 34, 33, 34, 11, 0 and 0, respectively, with a mean of 21.3. The 10.7 cm flux was 98.1, 91, 87.5, 83.1, 78, 72.8 and 70.7, respectively, with a mean of 83. The Planetary A indices for the same period were 5, 4, 2, 2, 8, 5 and 7, respectively, with a mean of 4.7.

### SETI League and AMSAT Join Forces

The SETI League Inc reports that AMSAT has approved its request for the two organizations to affiliate. Each of the nonprofit educational and scientific organizations will become a member of the other, according to a plan endorsed by the SETI League board. The SETI League is involved in coordinating a privately funded search for extraterrestrial intelligence. “The benefit will initially be mostly ours,” conceded SETI League Executive Director H. Paul Schuch, N6TX, in making the announcement. AMSAT has some 7000 members compared to the SETI League's 400. Schuch expressed hopes that his organization can make technical contributions in the area of microwave communication, to further AMSAT's mission.

AMSAT Executive Vice President Keith Baker, KB1SF, said AMSAT and the SETI League “have a common purpose involving the world's radio amateurs in exploration, research and development.” —*The SETI League*

### In Brief

**W1AW schedule change reminder:** Effective January 1, 1997, W1AW will discontinue its Tuesday and Wednesday morning code practice and bulletin schedules. Beginning January 1, 1997, the Tuesday and Wednesday schedule will begin at 2100 UTC. This change affects the Tuesday and Wednesday morning schedules only and being initiated as part of a reallocation of resources for routine station maintenance. (The W1AW schedule will appear in January 1997 *QST* on page 104.)

**DC Section in 10-meter contest:** Thanks to the hospitality of the Voice of America Amateur Radio Club, K3IXD, KD4QV, N3NT, W3GHR and WB3ECU will activate K3VOA for the rare DC section multiplier in the ARRL 10-meter contest the weekend of December 14 and 15. Activity will be on both CW and SSB. QSL to K3IXD, 140 Celbridge Ct, Glenwood, MD 21738, and include an SASE. —*Ed Steeble, K3IXD*

**New ATV altitude record set:** Tom O'Hara, W6ORG, reports: It looks like Mike Henkowski, KC6CCC, owns the AT altitude record after a rocket launch Saturday, November 23, at Black Rock, Nevada. His 2417-MHz ATV signal gave a view of the Earth all the way up to 53 miles—almost 280,000 feet—before dropping back to hit the dry lake bed floor. The video package survived the impact and helped him home in on the signal as the package lay at the crash site, seven miles from the launch site. The transmitter consisted of a FM ATV exciter—originally designed by Mike at his company, Microtek, for Part 15 license-free use—driving a homebrew 1-W amplifier.

**ScoutRadio has moved:** The ScoutRadio Web site has moved <http://www.ocbsa.org/units/pacifica/troop319/ham.htm> and has been completely redesigned. For more information, contact Mel Goldberg, KO6TF at [scoutradio@scout.net](mailto:scoutradio@scout.net).





*(Continued from page 1)***President's Corner**

visible operating in the community at places that give a larger segment of the public a chance to see what we do and why we do it. We want to get a larger turnout for the annual auction (more great stuff for us to acquire). Most of all, we want to offer the activities and services that the membership wants to see. One member has talked about forming a VE team within North Fulton. He has also suggested having a class to aid people in getting their Technician licenses and a class to upgrade to General (code only). The VE team could test these people at the end of the class. Public service work is out there to be done, and the NFARL could be there to help. There's no end to what our club can do if there are people who can suggest it and people who will do it. There's a lot of speculation about attacks on our frequencies in the coming years. We already see that with the LEO working group formulating a list of candidate frequencies that includes the 2 meter and 70 centimeter bands (as of Dec. 16 they have not finalized this list, but word has it that the amateur frequencies have not been removed). This is not the beginning of the end, just a beginning of the need to use and protect our frequency privileges. But we need to work together to show our government and those who have their eye on our spectrum that we use it well and for the good of ourselves AND our fellow man and deserve to keep what we have. All of these things are what we need to focus on in the next year in our club. I will do what I can to move things ahead, but I can't do it alone. It will take lots of us, and I hope that a lot of you feel the same way and come out to do the work that needs to be done. We have things to help spread the word such as the NFARL World Wide Web page ([www.nfarl.org](http://www.nfarl.org)). But the best things to spread the word are active members. Yes, that's you reading this column now. So, turn on your radios, get on the air, come out to meetings and **GET INVOLVED!**

A few last items. We had the Holiday Party in December and I'm pretty sure

everyone had a good time (you should have been there!). We awarded the annual Amateur of the Year honors to Mike Del Pozzo, KR4TG. He did lots in amateur radio this year by helping people study for tests, practice code, put up antenna's, building antennas, and generally did his best to advance amateur radio. Hats off to Mike and let's try to build on what he has done to help others. Don't forget the January meeting at the Alpha Soda (Jan. 8th). As usual, call or email me if you have questions, comments or want to do something. Please note that the email address below is CORRECT this time, so if you used the one listed previously, toss it. This is the real thing. Stay warm in whatever snow we get (it's the 18th as I write this and they are calling for snow tomorrow!)

Steve KS4KJ

*(Continued from page 2)***V.P.'s Place**

NFARL meeting. Fred made the motion that a TAG be created and nominated me to chair it. The motion was seconded and passed with Steve's (KC4YBO) suggestion to change the acronym to Technical Enhancement Group to match the suffix of my callsign, KE4TEG. After the meeting, Fred (N4CLA), Steve (KS4KJ), Mike (KR4TG), and I agreed to be core members of the TEG. The TEG will handle the planning of which goals are possible and in which order they should be implemented. The TEG will create a plan of action and an estimate of funds needed as well as an explanation of the benefits to the membership of implementing the improvements. The board will vote on all plans that need funding. The main idea of the TEG is to get more members involved with the technical enhancement of our repeaters and get the load of repeater upkeep off the back of just one or two members. Anyone that would like to help or learn more about repeater systems is welcome. The TEG will only work if members are willing to take responsibility for specific finished improvements, such as being in charge of a remote's upkeep.

Well I guess I have taken up enough print

in this issue. Again thanks for the votes of confidence, I will do my best to serve and improve NFARL. See you at the next meeting and next issue will have a separate TEG column. Check out the Website at <http://www.nfarl.org>. Thanks to Fred (AD4GJ).

Keith (KE4TEG)

Vice President, NFARL

E-Mail [ke4teg@radial.com](mailto:ke4teg@radial.com)

**Advertisement**

**Radia One** is sponsoring the NFARL website at <http://www.nfarl.org> on the Radia ISP Systems main server. Pat (AD4GJ) did a great job and this was his first time out. All members of NFARL receive a rate of \$13.95 a month for all the Internet they can use. The \$13.95 per month includes complete Internet access, 3 megs of webspace, two E-Mail boxes, IRC, FTP, 17,000 Newsgroups, etc. For more information or to sign-up please call Radia One at 770-552-6993. E-Mail to [sales@radial.com](mailto:sales@radial.com).

**Advertisement**

**From the Editor:** I would like to appeal to all of the members of the club that we never get to see. A lot of you have a lot of expertise that you could be sharing with the rest of the club. I think the reason that the Lawrenceville club keeps growing is that they have good programs each month to keep the old members coming back and enticing new members. I would like to see some of you that have been around ham radio for awhile come to the meetings and if you don't feel comfortable giving a lecture, just talk about some of your experiences in ham radio. I know it's hard for some of you to make the club meeting each month, but if you could just attend one meeting a year, we could average 1 more members each month.

If you can give of your expertise, give Steve a call and he will schedule you. And if you can find time on the 2nd Wednesday of any month, come on down for some good food and friendship and bring the family.

73 - Pat, AD4GJ Editor (*SquelchTales*)



# NFARL

## Upcoming Programs

### January 8 - No Program

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### February 12 - 6 Meter

1987						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

### March 12 - No Program

1987						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# Our Goal

Our goal is simply to be the best newsletter of its type in Atlanta. The N.F.A.R.L. newsletter should be something people look forward to getting 4 times a year.

In order to meet this challenge, this publication needs the support of its readers. If you have an article or letter of interest, please send them in to be published. The more contributors, the better the newsletter.

Also, if you have any comments or suggestions about this newsletter, please send them to the attention of the *Squelch Tales* Editor, P.O. Box 1741, Roswell, GA 30077.

# Squelch Tales

North Fulton Amateur Radio League, Inc.  
P.O. Box 1741  
Roswell, GA 30077



Membership Expiration: 12/31/88  
Fred Moore III  
11705 King Road  
Roswell, GA 30075

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