

145.47
MHz.

NFARL

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tales

Vol. XCI Issue 2

Roswell, GA

February, 1991

THE PRESIDENT'S CORNER

by Dan Turner, WA4BRO

It was nice to see a packed house for the January meeting. There were some problems with standing room and the noise level. I have addressed the problem of outside noise with the restaurant manager and they will take some measures to try to reduce the level at our future meetings. They were also receptive to other ideas I had on trying to make the room a little more conducive to meetings. Some of these were of a construction nature and they are taking them into consideration.

I asked for volunteers to fill the vacant Activities Chairman's position. I received no response and at this time it remains vacant. I will keep looking for someone to fill this position. I do not want to place the burden of all the club's activities on any one person. This is a chairmanship of a committee: you will have help. I ask that each member give thought to this position.

Thanks to Doug, N3AIA, and Joel, KE4SW, a real newsletter is a reality again. One of my main concerns and reasons for accepting the President's position this year was to revive the club's newsletter. I know from my own past that even if I could not make a meeting, I could stay in touch by reading the newsletter. Publishing a newsletter is not an easy task. The newsletter is only as good as the membership contributing to it's content. I urge each of you to contribute. Please give Joel and Doug your support and thanks for stepping forward and tackling this enormous task.

On January 15th, the repeater codes were changed for the 1991 members. If you found yourself without access, Please check to see if your dues have been paid. The club needs your support.

Please make plans to attend this month's meeting. Come out for dinner and meet some of the people you talk with on the air.

73 for now.
Dan, WA4BRO
NFARL President

NORTH FULTON AMATEUR RADIO LEAGUE MINUTES OF THE REGULAR MEETING: JAN 9, 1991

President Turner called the meeting to order at 1933 hours. All members were introduced.

The Treasurer made a preliminary report: approximately \$2,500 in savings and \$1,000 in the checking account, so that we can pay our insurance and telephone bills.

It was reported that the Christmas party was a huge success, with about 45 present. Ken Waldrop WA4WYD moved that we commend and thank Fred and Kathy for fine Christmas Party at their home. This was approved and followed by a round of applause.

Dan Turner noted that an Activities Chairman had not been elected at the November meeting and asked the membership for help in this area.

The library project approved at the November meeting is moving forward but not yet finalized.

Jim Altman, N4UCK, related that the Cobb County tower ordinance has become effective on Jan. 18, 1991. The old law required a permit for any tower. The new law provides any tower up to 70' is covered by the basic building permit. Above 70' but less than 120' a permit is required. Above 120' there are other requirements. Towers up prior to 1/18/91 are "grandfathered."

DeKalb County requirements are similar to Cobb County. In the City of Atlanta, towers up to 70' are covered by the building permit. Fulton County still has a restrictive ordinance requiring special use permits. Jim will tackle Fulton County also if it is the consensus of Fulton County amateurs that this be done.

Jim Altman, N4UCK, is planning to run for the Georgia SEC this next term since the incumbent has announced that he is not running for reelection.

Brian Gaffney shared a copy of the FCC "no-code license" PR Docket No. 90-55 which was passed around.

President Turner asked for help on the NFARL news letter.

The meeting was turned over to Dan Gustafson to present the program on the new repeater controller. This was an excellent, well received program.

No further business to come before the meeting, it was properly adjourned.

Respectfully submitted,
Harold C. Myers
K4JHM, Secretary

MEETING NOTICE

The February meeting of the NFARL will be held Wednesday, February 13, 1991, at Ryan's Steak House in Roswell. Our scheduled program will feature Jack Conrad, W8SOA, who will speak and show a video on Advanced Weapon Systems. There could hardly be a more timely program topic. I'm sure you won't want to miss this one!

As usual, the 7:30 PM meeting will be preceded by an informal dinner at 6:30PM. Ryan's is located on Highway 9, approximately one mile north of Holcomb Bridge Road.

See You There!!

CHECK YOUR ADDRESS LABEL!

This issue of *Squelch Tales* is also being sent to several recent members of NFARL who have not yet renewed their 1991 dues. The club is in the process of updating and producing an up-to-date membership list, complete with membership number identifications. These I.D.'s are necessary to access many of the functions (mailbox, patch, etc.) available on the new repeater controller.

CHECK YOUR ADDRESS LABEL CAREFULLY.

The three digit number by your callsign is your MEMBERSHIP I.D. If there also appears a "U", it means your 1991 dues have not been received. If you have questions about dues, you should contact one of the club officers, Dan (WA4BRO), Fred (N4CLA), or Hal (K4JHM). Catch them on the repeater or at the February 13th meeting to get current and insure

your inclusion in the directory. If you prefer, you may mail your dues to the PO box number in the return address of *Squelch Tales*.

UR HELP IS NEEDED!!

Joel, KE4SW and I both look forward to editing and producing a newsletter that is both informative and interesting for the members of the North Fulton Amateur Radio League. In order for us to do this, we need the help and support of the members. Remember, this is YOUR newsletter, and the information contained herein can be as interesting or as boring as you wish to make it.

In order to provide you with the topics and information that you want to hear about, the newsletter needs "reporters" to cover some regular "beats".

Topics to be regularly covered should include the following:

- A. Guest Editorials
- B. Club Activities
- C. VHF, UHF and HF News and Reports
- D. Special Reports on:
 1. FCC/ARRL/Legislative
 2. Construction/Operation
 3. Contests/Awards
 4. Other News

I'm sure there are lots of other areas that can also be covered in order that we may present a variety of topics each month. In any case, we need YOU! You need not contribute every month, however, we do need a regular influx of information. Please contact Doug, N3AIA or Joel, KE4SW ... or any of the club officers NOW and let yourself be known. We NEED your articles, information and support to make this newsletter successful.

73,
Doug, N3AIA

Treasurer's Report

by Fred Moore, N4CLA - Treasurer

This is the first formal treasurers report for 1991.

When we started the 1991 year, we had \$319.16 in the checking account and \$2,322.46 in the savings account.

We returned 17 checks at a total of \$374.00 to the members that wrote these checks for the following reasons.

A. Their checks were dated in 1989 for their 1990 dues and the likelihood of the banks processing them was remote.

B. They were owed an explanation why their checks were never cashed.

	CHECKING	SAVINGS	PETTY CASH
12/01/90 Balance	319.16	2,322.46	75.00
12/12/90 21 renewals	356.00		
12/17/90 7 renewals	138.00		
12/22/90 6 renewals	94.00		
12/31/90 4 renewals	88.00	9.52	
01/09/91 17 renewals	388.00		72.00
01/10/91 16 renewals	316.00		
01/24/91 13 renewals	188.00		
12/31/90 News Letter	-47.49		
12/31/90 Liability Ins	-254.00		
12/31/90 Postage/hl/xmas	-172.12		
01/03/91 Postage	-53.90		
01/08/91 User Guide	-41.55		
01/09/91 Tel Bills	-164.68		
01/12/91 Dues Refund	-24.00		
01/24/91 Postage	-15.30		
01/27/91 P.O.B rental fee	-28.00		
	1,086.15	2,332.34	147.00

01/29/91 Total **** 3,565.49 ****

We currently have 88 renewals to date, of which 13 are family members, 10 are retired and 5 are non Autopatch members. We even got a renewal from Columbus, Ga. The renewal rate for the first month of 1991 is excellent. Lets talk it up.

NEW MEMBERS IN 1991

Judging by the number of new members thus far in 1991, this is going to be a banner year for club growth. Four new members in January are just the beginning. Of course there is always room for more, so mention the club whenever you QSO with area hams. Here's a formal welcome to our new members in January:

K5ROR
N3AIA
W4LKL
W9OFV

Carl Manning
Douglas J. Reed
Neal Blochinger
William A. Ohrenberger

Welcome aboard!

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Squelch Tales is edited by Joel Ackerman, KE4SW, and Doug Reed, N3AIA.

Copy was transferred from contributors by packet or modem, edited using WordPerfect 5.0 or Multi-Mate, and produced camera ready with Ventura Desktop Publisher and an NEC 890 Laser Printer.

Repeater User's Directory

The new repeater controller gives us the ability to send voice mail and autopatches to our fellow members. Of course, you need to know two

things: 1) the other member's ID number, and 2) how to send the mail or initiate the patch.

The solution to the first problem is below, an alphabetical (by call) list of members. See Page Four for quick

VMail instructions. And if you'd like additional tips on using the new controller, plan to stick around after the meeting when Fred, N4CLA, (also voice-mail number 003) will conduct a Q&A session.

MEMBER NUMBER	CALL	NAME	MEMBER NUMBER	CALL	NAME
072	AA4ZC	Larry Boden	207	N4UWO	Walter Wilson
217	K1SSH	Edward Borezo	205	N4VTH	Patty Smith
097	K4AHJ	Tom Knight	285	N4VYP	Dorothy McKinney
032	K4IHP	Joe Mehaffey	157	N4WJI	Marilyn Stafford
071	K4JHM	Hal Myers	213	N4WTA	Nancy Vogt
020	K4JMX	Alan Dages	246	N4WYD	Ward Peters
254	K4KME	Richard Waigand	022	N4YWG	Paul Hause
252	K4UAF	Don Rogers	023	N4ZMZ	Dennis Boylan
052	K4UWJ	Bill Sandusky	190	N9DER	Ronnie Gilmer
101	K5ROR	Carl Manning	090	ND4D	Chuck McGinnis
088	K8EAB	Wey Walker	056	VE3GZS	Zyg Skrobanski
047	KA4MTL	Jim Ferguson	247	W2HIK	Fred Holcomb
021	KA4ZPX	Jack Doerfler	075	W2IQA	Curtis Harris
039	KB4FZU	Mel Drukman	181	W4DOT	William Plage
064	KB4NUC	John Hess	018	W4EJF	Forrest Shelton
198	KC4EMM	Fred Anthony	253	W4IRZ	Bill Reynolds
255	KC4KHA	Russell Akridge	251	W4LKL	Neal Blochinger
102	KC4UKC	Joel Hitt	057	W4QO	Jim Stafford
001	KD4NC	Doug Drye	035	W4SHP	Jack Van Hutten
002	KE4FT	Sam Osborne	054	W4TFL	Bob Beatty
010	KE4SW	Joel Ackerman	049	W4UXJ	Marvin Moss
013	KE4ZV	Gary Coffman	055	W8SOA	Jack Conrad
170	KF4ZZ	Justin Converse	256	W9OFV	Bill Ohrenberger
015	KG6TW	Jim Willis	005	WA4BRO	Dan Turner
014	KJ4YM	Mark Coleman	063	WA4CQZ	Larry Huff
212	KM4OB	John Vogt	006	WA4FNJ	Mike Connell
024	N3AIA	Doug Reed	250	WA4FVA	Carlton McKoy
003	N4CLA	Fred Moore	201	WA4IUL	Joseph Mills
093	N4DK	Don Kasten	046	WA4MEI	Randy Jarrett
085	N4GFF	Carl McKinney	194	WA4NUN	Paul Chapman
011	N4HRA	Lew Cason	206	WA4OYH	Bill Nowicki
070	N4JH	Larry Boden	191	WA4VZW	Brian Gaffney
141	N4ODR	Janice Bradley	025	WA4WAK	Thomas Soulsby
264	N4OSQ	Diana Hess	146	WA4WLM	Suzanne Jarrett
185	N4PZA	Pat McKinney	173	WA4WYD	Ken Waldrop
345	N4QQR	Rusty Clough	012	WB1CSL	Bill Codwise
016	N4QXH	Alan Stern	189	WB4LVA	Ernie Johnston
031	N4RSY	Chuck Hicks	028	WB4PYL	Dan Gustafson
163	N4RTS	Joanne Huff	192	WB4RTP	Avery Davis
169	N4TMW	Larry Flegle	245	WB4RUJ	Hal Orego
177	N4TOL	John Tramontanis	045	WB4ZBV	Kim Clough
269	N4TVL	Janice Flegle	145	WB4ZTA	Ginny Clough
203	N4UAY	Hamp Smith	041	WD0FFJ	John Bradley
193	N4UBZ	Karen Kasten	040	WD4FSU	Owen Adair
202	N4UJO	Larry Richardson	029	WD4NIT	Warren Coleman

Public Repeater Functions

Using the DRC 186 repeater controller currently on the 145.47 machine (and soon to come on 147.06) is a snap. The machine will prompt you (by voice) at many points, and has many sophisticated capabilities.

The chart to the right is designed for you to keep near your rig (along with the directory on the reverse page) for convenient reference of common commands. There are two types of commands: Open Commands and (member) User Commands. To access the open commands, simply ID then touch "#" and the number.

A couple of notes: For #1, #2, #3, and #5, after you enter the code, the system will prompt you with the function name, and then two short beeps. In Echo (#1) mode, you simply make a transmission and the controller will repeat it to you, so you can hear how your signal sounds. Function #2 will measure your deviation when you make a short transmission. The DTMF test will translate your touch tones into numbers, and SINAD test will give you a Signal to Noise Ratio

in db. (Note: If you get 42 db don't worry about trying to improve on it...42 db is the maximum S/N measurement in this system.) Function #9 will play the current announcement (if any). #6 is not active yet.

The emergency autopatch functions as before. Simply touch * and then the emergency phone number. 911 will

reach Fulton County Emergency Services (Roswell Police if you're on 147.06). A few of the over 100 emergency speed dial numbers are shown below. We will publish a complete emergency number listing in a future issue.

For details on the member functions on the right, consult your manual.

Open Commands

- #1 Echo Mode
- #2 Deviation Test
- #3 DTMF Test
- #4 Tell Time
- #5 SINAD Test
- #6 Frequency (future)
- #9 Play announcement

* = Voice input after prompt

NFARL User Commands

- ```

~*0*n Closed Emerg Patch
~*1*n User Autopatch
~*2 User Patch Redial
~*7 Voice Mailbox
~*10 Change Password
~*12 Record User Name
~*15 Maintain User Profile
~*20 Speed Dial Maint.
~= User no. + password
n= Speed, member, tel. no.

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- \* 200 Emerg.--Cherokee Co.  
\* 300 Emerg.--Cobb Co.  
\* 400 Emerg.--DeKalb Co.

- \* 800 Emerg.--Gwinette Co.  
\* 911 Emerg.--Fulton Co.  
# = Cancels any function

NFARL

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K4JHM

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Paid up

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