

SOUELCHI TALES

JUN 93

THE MONTHLY NEWS LETTER OF THE
NORTH FULTON AMATEUR RADIO LEAGUE

P. O. BOX 1741

ROSWELL GEORGIA 30077

Editor - David Fellows KD4APK
HOME 404 889-2677 FAX 404 889-5199 DIGITAL PAGER 533-4729

President Jeff Weinber AA4RC
Vice-President David Fellows KD4APK
Treasurer Fred Moore NA4CLA
Secretary Steve Knittel KC4YBO

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

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REPEATERS

145.475 MHz out (- 0.6 MHz)
147.868 MHz out (+ 0.6 MHz)
144.475 MHz out (+ 5.0 MHz)

NFARL BBS 552-8668 (1800-2400-9688 8 H 1) Don Turner WA4BRO BY3OP

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NORTH FULTON AMATEUR RADIO LEAGUE REPEATER GUIDE
145.47 - 147.86

OPEN COMMANDS	USER COMMANDS
1 ECHO MODE	~*0*H EMERGENCY PATCH
2 DEVIATION TEST	~*1*H USER PATCH
*3 DTMF TEST	~*2 PATCH REDIAL
*4 TUNE	~*7 MAILBOX
*5 SINAD TEST	~*6 OPEN MAIL
*6 FREQUENCY TEST	~*18 CHANGE PASSWORD
*7 DISPLAY MAIL	~*12 RECORD USER NAME
*8 SEND COMMAND OUT LINK	~*15 USER PROFILE
*9 PLAY ANNOUNCEMENT	~*28 SPEEDIAL MAINT
	~*25 USER HANGUP CODE
	~*38 CTCSS COMMAND
	- * USER* + PASSWORD

H = NUMBER TO DIAL * = VOICE INPUT
* - CANCELS FUNCTION

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- From the President's Corner -

I hope everyone has had a great April and May. Looks like we are just about to go into Summer. At this rate, Fall will be here soon, and I'll be trying to get the yard ready for another Winter. Where do the months go?

From what people have told me, the April newsletter was very well received. It seems that the every-other-month concept will indeed work out well for our club.

The 1993 auction is history. It was a tremendous success, and another full-house. SRO in fact. Our auctioneer from last year, Gordon Clement, helped us out again, and did his usual great job. If the auction continues to grow, we may have to consider another place for it. In fact, we may want to consider an evening dedicated entirely to the auction, without dinner. One problem with having the auction after dinner is that people really don't get a good opportunity to look over the merchandise prior to the auction. For next year, the suggestion has been made that the club try to solicit donations from local businesses to improve the variety of items up for bid. This is a great idea. One that bears more examination.

Many of the sellers donated all of the proceeds of their sales to the club. This helped improve the results of the auction for our membership. After all was said and done, the club made \$332.50 on sales of just over \$600. The money will go into the general account to benefit our other activities and maintenance of the repeaters.

At the auction, some of our newer members noted that they are "reluctant" to talk on the repeater because the topics of conversation always seem to be very technical (i.e. computers). Hey, if you're listening to the repeater and want to talk about something else, key-up and let's talk. One of the reasons that the topic of conversation always seems to turn towards computers, or some other technical subject, is that many times the people who are doing the talking run out of other things to talk about. We'd welcome new "turfs" to explore. Don't be shy. We don't bite. At least not much.

Membership in the club continues to grow. I spoke with our secretary, KC4TBO, and we now have 158 members. We picked up 7 new members and 2 renewals at the May meeting. Three of the new members are from one family!

I have decided to handle the distribution of repeater controller manuals, User IDs and passwords differently from now on. In the past, when someone joined the club, we would give them a copy of the latest manual (if available), a User ID number, and immediately assign them a temporary password right there at the meeting. Although this was very convenient for the new user, two things were happening that, in looking back on them, weren't working out very well. First, people had their User ID numbers and temporary passwords way ahead of when their accounts could be set up on either repeater. Second, and more importantly, the temporary passwords were being "easily" hacked, thus

providing an open door for outside people who wanted to get into the repeaters for their own use and entertainment. Neither situation was acceptable.

The new procedure is this. When someone joins the NFARL, KC4YBO will give me their name, address, and User ID number. Their accounts will be set up on both the 5.47 and 7.06 machines, and I will prepare a packet of material to be mailed to the new user. This packet will contain a copy of the latest repeater controller manual (if this is a new member), and a letter welcoming the member to the club. The letter will give the member their User ID number, temporary password, and telephone access numbers for both repeaters. The temporary password will NO LONGER be the same as the User ID number, but will instead be randomly generated to be unique to each user. This will make it far harder for outsiders to try and hack into our repeater accounts. And by the time the member gets their packet of materials, their accounts will be active and ready to use. This procedure will work out much better than what we have been doing in the past.

All of the NFARL tickets for the Atlanta Hamfest are gone. He sold 19 tickets prior to the May meeting, and 31 tickets at the meeting. Now that wasn't so bad, was it?

On another note, after recent consultations with the Atlanta Radio Club's Executive Committee, the ARC has determined that they can now fill all Atlanta Hamfest volunteer positions from within their own membership. This includes the Alternate Activities Room. This action is appropriate, since the Atlanta Hamfest is a long-time ARC sponsored event. The President of the ARC has thanked the NFARL for its generous offer of help, and I have been asked to pass this thanks on to each and every member of our club.

I have contributed two articles to this month's newsletter. One article deals with my experiences installing, and using, Microsoft's MS-DOS 6.0 upgrade. And, for you non-computer types, I also wrote an article looking back at some of the more interesting FCC Amateur rule changes that have occurred since 1975. A little something for everyone. I hope.

Next month's meeting program will be given by KC4YBO and deal with our upcoming Field Day activities. Steve has some Field Day articles in this newsletter, so I won't steal any of his thunder. But I will say, that if you're a new amateur, or one that's been around awhile, Field Day at the NFARL is a great deal of fun. So please get in touch with Steve and volunteer to help.

A reminder that the NFARL is an active ARRL Associate Club. This means that you can now join, or renew your membership in the ARRL through the club. For every ARRL membership renewal handled by the club, the NFARL gets \$2. For every new ARRL membership that the club handles, the club gets \$5. This is a great way for us to get badly needed funds to support our repeaters and activities.

If you need to get in touch with me, you can reach me at 746-7939. If

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I'm not there, just leave me a message on my voice mail. And as always, I can probably be reached on 5.47 or 7.86.

Until next time.... 73's.

Jeff Weinberg
AA4RC

The Way Things Were
by Jeff Weinberg, AA4RC

While recently going through some old things on my bookshelves to try and clean the radio "shack" up, I ran across a copy of the 1975 FCC Rules and Regulations that I thought might be of interest to 'old timers' and 'new' Hams alike.

Michelle and I got started in radio in 1976 by buying a Citizens Band radio. It had single-sideband as well as AM capabilities. We soon found that we both liked what was going on, on the sideband far better than what was happening on AM. In those days, Channel 16's lower-sideband was the place to be. In Atlanta, the Georgia Alpha group was a well run radio club with monthly meetings, operating practices not unlike what Hams follow, and "calls". Our FCC CB call was KY05176, but our Georgia Alpha call was 1406 and 1406 and a half.

Both Michelle and I were serious into CB. At one point, we had a SSB unit in both my car and hers, as well as a SSB base station and a set of Moonraker quads on the roof. From our vantage point just east of Acworth, we could easily work into Atlanta and Rome. Over in Rome, the North Georgia group reigned supreme.

Then in 1977, Michelle and I, and most of our radio friends, decided to make the move to Amateur Radio. We moved as a group, going to class together, and taking our tests together whenever possible. We kept close tabs on each other, conparing our upgrade successes and failures. As we moved further up the upgrade "ladder", we all found that we had different interests, and have since pursued what we wanted to do. Some have gone on to work every DX country in the world. Some have put up repeaters that are still on the air. Some are well into emergency communications. Sound familiar? It seems that the Hams of every generation are remarkably similar.

But, in 1977, the radio world was, in some ways, vastly different than it is today. And, that's what this article is about. I would like to take a look at some of the more 'popular' rules and regulations that Hams had to follow. I'll quote the text as it comes from the 1975 rules manual, that, by-the-way, was published by the FCC only, and not the ARRL. To the 'newer' Hams, the rules will both seem better and worse than what we have today. To the 'older' Hams, what I am about to present here will bring back a lot of memories.

In all, these passages are presented to remind us all of where we have been, in a hope that we may better understand where we are all going.

April 1975

97.5 Classes of operator licenses.

- Anateur Extra class.
- Advanced class (previously class A).
- General class (previously class B).
- Conditional class (previously class C).
- Technician class.
- Novice class.

97.7 Privileges of operator licenses.

- (a) Anateur Extra class and Advanced Class. All authorized anateur privileges including exclusive frequency operating authority in accordance with the following table (table included in original document).
- (b) General class and Conditional class. All authorized anateur privileges except those exclusive frequency operating privileges which are reserved to the Advanced class and/or Anateur Extra class.
- (c) Technician class. All authorized anateur privileges on the frequencies 58.1-58.4 MHz and 145-148MHz and in the anateur frequency bands above 220 MHz.
- (d) Novice class. Those anateur privileges designated and limited as follows:
 - (1) The power input to the transmitter final amplifying stage supplying radio frequency energy to the antenna shall not exceed 75 watts, exclusive of power for heating the cathode of a vacuum tube(s).
 - (2) Radio telegraphy is authorized in the frequency bands 3700-3750 kHz, 7100-7150 kHz (7050-7075 kHz when the terrestrial location of the station is not within Region 2), 21,100-21,200 kHz, and 28,100-28,200 kHz, using only Type A-1 emission.

97.51 Assignment of call signs.

- (a) The call signs of anateur stations will be assigned systematically by the Commission with the following exceptions:
 - (1) A specific unassigned call sign may be reassigned to the most recent holder thereof;
 - (2) A specific unassigned call sign may be assigned to a previous holder if not under license during the past 5 years;
 - (3) A specific unassigned call sign may be assigned to an anateur organization in honor of a deceased member and former holder thereof;
 - (4) A specific call sign may be temporarily assigned to a station connected with an event, or events, of general public interest;
 - (5) (a) One unassigned two-letter call sign (a call sign having two letters following the numeral) may be assigned to a previous holder of a two-letter call sign, the prefix of which consisted of not more than a single letter. Additionally, a two-letter call sign may be assigned to an Anateur Extra Class licensee who submits evidence that he held any anateur radio operator of station license, issued by any agency of the U.S. Government or by any foreign government, 25 years or more prior to the receipt date of an application for such

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assignment. Applicants for two-letter call signs are not permitted to select a specific assignment except in accordance with subparagraphs (1) and (2) of this paragraph.

(b) An amateur call sign will consist of a sequence of one or two letters, a numeral designating the call sign area, and two or three letters.

97.29 Manner of conducting examinations.

(a) Except as provided by 97.28, the examination for Amateur Extra, Advanced and General classes of amateur operator licenses will be conducted by an authorized Commission employee or representative at locations and at times specified by the Commission.

97.59 License term.

(a) Amateur operator licenses are normally valid for a period of 5 years from the date of issuance of a new or renewed license, except the Novice class which is normally valid for a period of 2 years from the date of issuance.

97.87 Station identification.

(a) An amateur station shall be identified by the transmission of its call sign at the beginning and end of each single transmission or exchange of transmissions and at intervals not to exceed 10 minutes during any single transmission or exchange of transmissions of more than 10 minutes duration.

(b) A repeater station shall be identified by radiotelephony or by radio telegraphy when in service at intervals not to exceed 5 minutes at a level of modulation sufficient to be intelligible through the repeated transmissions.

97.103 Station log requirements.

An accurate legible account of station operation shall be entered into a log for each amateur radio station. The following items shall be entered as a minimum:

(a) The call sign of the station, the signature of the station licensee, or a photocopy of the station license.

(b) The locations and dates upon which fixed operation of the station was initiated or terminated.

(1) The date and time periods the duty control operator for the station was other than the station licensee, and the signature and primary station call sign of that duty control operator.

(2) A notation of third party traffic sent and received, including names of all third parties, and a brief description of the traffic content.

97.105 Retention of logs.

The station log shall be preserved for a period of at least 1 year following the last date of entry and retained in the possession of the licensee.

Appendix 1 Examination points.

Examinations for amateur radio operator licenses are conducted at the Commission's office in Washington, D.C., and at each field office of the Commission on the days designated by the Engineer in Charge of the office. (Note: Atlanta was the Southeastern field office where weekly tests were given.)

Examinations are also given frequently, by appointment, at the Commission's offices at the following points: Anchorage, Alaska; Beaumont, Texas; Mobile, Alabama; San Diego, California; Savannah, Georgia; Tampa, Florida.

Examinations are also given at greater intervals at the places named below, which are visited for that purpose by Commission examiners from the field offices for such locations. (Cities are noted for quarterly, semi-annual, and annual examinations).

This, by no means, is all of the rules and regs as they were in 1975. Just the some of the more interesting ones.

73's.

AA4RC

Perspective

DOS 6.0 - A Users

by Jeff Weinberg

AA4RC

With all the pros and cons about DOS 6.0 coming out in the press lately, I thought that I would take a few minutes to pass along my experiences with this latest operating system upgrade release from Microsoft.

In reality, the opportunity to load DOS 6.0 was really a stroke of luck for me. An older computer had just been repaired, and someone gave me a copy of DOS 6.0 and asked for me to do an evaluation. The instructions were to be sure that I tried out "everything", at least once! This is the kind of opportunity that simply can't be overlooked.

So, with the expert warnings of KD4PK and KD4TFG echoing in my ears, I set off to do what has been reported to have caused people a great deal of time, trouble and aggravation. Load and use DOS 6.0.

My first task was to back up the computer. Since the primary operating system on this system was OS/2 2.0, (I now use OS/2 2.1), and I wanted this to be a strictly DOS machine, I backed up all of the programs and data files I wanted to save. Next, because the computer had two drives that had been stored out of the system for over 10 months, I ran complete diagnostics on each drive, which included a full reformat. Next, I loaded DOS 5.0 from scratch, carefully ensuring that all system files were on the first drive only. I had designated this first drive, Drive C, to be the system resource drive. The second drive, Drive D, was designated to be the program and data drive, and the ONLY drive I planned to compress with DOUBLESPEACE. You can achieve the same end result by partitioning a single, physical drive into two logical drive partitions.

After DOS 5.0 was loaded, I proceeded to load Windows 3.1 on Drive C. This is because the upgrade for DOS 6.0 gives the user the option to load the DOS and/or Windows versions of three of its most popular utilities, including disk optimizer, virus checker, and file undelete. But, in order to load the Windows version of these utilities during the DOS 6.0 install process, Windows must already be loaded on the system. Hint: if Windows is not yet loaded, you can load the Windows versions of these DOS 6.0 utilities at a later time if you wish.

Please note that I loaded Windows, and the accompanying SMARTDRIVE program and its disk cache buffer file on Drive C. This is important since the SMARTDRIVE buffer does not work on a DOUBLESPEACE compressed disk. Another word of advice, turn OFF the write cache feature of SMARTDRIVE for all drives on your system, not matter if you decide to use DOUBLESPEACE or not. This is one area where many system problems have arisen, even under DOS 5.0. If power is lost to your system before SMARTDRIVE can clear its write cache buffer, valuable data can be lost, and files can become corrupted. Instructions for turning the write cache of SMARTDRIVE on and off can be obtained by typing 'SMARTDRV /?' at the DOS prompt.

Next, I loaded the DOS 6.0 upgrade. I was careful to follow the loading procedures, and not to continue on with the installation until I was able to fully understand each step I was about to take. Hint: I used 'HELP' a lot. The installation went smoothly, and my next job was to load the DOUBLESPEACE feature on Drive D. Since Drive D was TOTALLY EMPTY, I could be absolutely sure that no current files would be effected by the space compression algorithm used by DOS 6.0. (Full instructions for loading DOUBLESPEACE on a drive can be found in the DOS 6.0 manual). I let DOUBLESPEACE create the recommended default 2 megabyte uncompressed disk (Drive E), and then watched as DOS 6.0 proceeded to compress the remaining 68 megabytes of Drive D. The result was a reported 136 megabyte Drive D. I then reloaded my programs and data files back onto Drive D. So far, so good. All programs started fine, and they could properly access all of their data files.

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Next up was memory optimization. Once again, I had heard good and bad things about the memory optimizer in DOS 6.0. So I thought that I would put it to the test. First, I made a backup copy of both of the CONFIG.SYS and AUTOEXEC.BAT files, and placed these copies into another, empty directory on Drive C that I had created for this purpose. You can name this directory anything that you want to. Once done, I ran a memory optimizer that has worked well for me in the past, and that I have used many times successfully with DOS 5.0. Before optimization, I had 588,000 bytes (588 kb) of lower (640 kb) memory available. After this first optimization, and a system reboot to engage all of my changes, I had 621 kb available for use.

Now for the DOS 6.0 test. I restored the CONFIG.SYS and AUTOEXEC.BAT files to their original state from the copies I had made earlier and rebooted the system. I then ran the DOS 6.0 memory optimizer program, telling it to be as aggressive as possible in locating every bit of usable high memory. After some time, the process was through. The result was 632 kb of lower memory free to use. An increase of 11 kb!

I then ran the disk optimizer utility that comes with DOS 6.0. Though my disk was not yet fragmented, the utility did make some minor changes to the order the files appeared on each hard disk, and seemed to work OK. It's not the most full featured disk defragmentation utility I have ever used, but Microsoft does guarantee that it will work with any DOUBLESPEACE compressed disk.

Finally, I ran the VIRUS CHECKER on all files on the system, and the result was that everything, at least for now, was "clean".

I have yet to run the UNDELETE utility, though PC Week reports that there can be file name corruption using the Windows version of this utility.

Thus far, I have not yet been able to attribute any system problem to DOS 6.0. On the plus side, I now have a hard disk with 136 megabytes available for my resource hungry Windows programs, and I have 11,000 more bytes available of the precious 640 kb lower memory available to run my programs. Disk performance does not seem to be a problem for files read or written to the DOUBLESPEACE drive, and programs load and unload in about the same amount of time.

On the minus side, I had to have a very unique situation to justify the time, trouble, and effort that I went through to load DOS 6.0 with all of its bells and whistles. The average user won't, or can't, do the "start from scratch" procedure that I did to get this operating system to work properly across the board.

Whether DOS 6.0 is for you, is something that each of you will have to answer for yourselves. If you already have disk compression, and a virus checker, an undelete utility, and a disk optimizer, then why get DOS 6.0 at all? However, if you don't have any of these features, and they are important to you, AND you are willing to take many of the steps and precautions that I have outlined here, as well as keep good backups of your system at all times, then the cost of upgrading to

Microsoft's DOS 6.0 may be well worth it. However, I can not stress enough that any time you try a new operating system, that you keep multiple backups of your valuable data handy, just in case.

Keep in mind that IBM will be releasing their version of DOS 6.0 with Stacker as their disk compression utility within the next month or two. Early reports are that this upgrade will be "aggressively" priced to compete directly with Microsoft's DOS 6.0. Again, is it worth the wait, will IBM's version be any better than Microsoft's version, and is Microsoft's MS-DOS 6.0 upgrade right for you? These are questions that only you can answer for yourself.

In any event, good luck, and happy computing.

FROM THE SECRETARY

APRIL MINUETS

Jeff called the meeting to order at 7:30. The secretary and treasurer reports were read and approved.

Jeff mentioned the ARC banfest tickets are available for the bargain price of only \$5.00. Also reminded everyone that the May meeting will be the auction.

The program was presented by W8BLA, Vern Fowler. Vern gave us a super presentation on DX. How to use OSI managers and how to use the ARRL to get those countries confirmed. After a good discussion on the topic the meeting was adjourned.

Congratulations to Daniel, K04IF ON his upgrade to EXTRA.
Steve, KC4Y50

FROM THE SECRETARY

MAY MINUETS

The May meeting was a BLAST.....Yes it was auction night. Jeff opened the evening at 7:30 with a few announcements.

June meeting will be discussion of field day. The 444.475 machine is fixed and will soon be on the air. You can renew or join ARRL through the club and the club picks up some funds for our treasury.

The auction started at 7:45 as per scheduled and the fun began. If you missed it you should plan now for next year which will be even better.

REMINDER !!!!!!! Your club has converted to a new fiscal year for memberships. The new year will run JULY 1 through JUNE 30. Those of you who paid through Dec. 31, 1993 are still ok. IF you want to

you can pay \$15.00 anytime before the end of the year. This will put you on the new schedule. THIS IS ONLY FOR INFORMATION as some people have asked me how the change over will work.

At the end of JUNE I will be flushing the system of all ID #'s that still show a 1992 date. If you know someone who has not renewed and they want to be sure of keeping their old ID give them a call. Hey, why not call them anyway and see where they have been hiding.

As of May 15 we are up to 178 members.

Steve, KC4YBO

THE CHAIRMAN'S CHALLENGE

OK WFAA, F D persons. At the request and/or suggestion of some of the membership I have been asked to give some background numbers on past FD totals.

As you may or may not know we get 2 points for each CW contact and 1 point for each voice contact. In addition we obtain bonus points for publicity, using non commercial power, and other activities.

	1991	1992
Total Points	856	2236
CW Contacts	8	184
SSB Contacts	428	743

Last year per the Nov. QST the top club had 13,422 points and the bottom was 1,074 points. This was in the 5A class.

It has ALWAYS been my personal feeling that FD should be FUN & for the FAMILY. Now to some people; the contesting part of field day IS THE THING. Being very proud of the best radio club in the USA I naturally want to see us move up in the standings.

With that in mind lets TRY for at least 6500 points.

CQ CQ CQ ALL CW OPERATORS ... — ... — ...
...—... Bring your favorite key, bug, etc.

73's

Steve KC4YBO

FIELD DAY FLASH.....KC4YB0
ONLY 18 DAYS TO F. D.

CQ FIELD DAY CQ FIELD DAY THIS IS H D 4 D GAH GAH. QSL
YOUR 3A ALA. YOU ARE 5A GAH GAH. GOOD-LUCK...

For 24 wonderful hours this is a sample of what will be on
the air from our FD site. Family Day / Fun Day / Field Day is
looking great. The pre planning has been completed. The antenna
lay out is complete. Publicity is well under way.

If you want to help and especially if you WANT TO OPERATE be sure
to contact me ASAP. This year we are trying to schedule operating
times so all who want to: can get a chance ON THE AIR.

Below is a general outline of FIELD DAY.

SAT. JUNE 26

1. 8:30 AM Start set up of antennas.
2. 10:00 AM Check out generators and run power lines.
3. 11:00 AM Tables up: Radio, tuners, computers ready.
Log sheets, pencils, scripts ready.
4. 1:30 PM All rigs tuned up and ready to go.
5. 2:00 PM START THE FIELD DAY.....
6. 5:30 PM Pic Nic FOOD TIME !!!!!!!!!
7. All Night Got those contacts. HAVE FUN...

SUN. JUNE 27

1. More contacts..
2. 2:00 PM Close down the stations. ALL LOGS to STEVE
KC4YB0. Includes computer disks, hand
written LOGS, and notes.
3. 2:05 PM Take down antennas & roll them up.
4. 4:30 PM Final clean up of the area.

All we need is Y O U; your family, and friends to make this a real
party.

SEE MAP LOCATED SOMEWHERE HERE IN SQUELCH TALES

TALK IN ONLY will be 147.860. Alternate is 145.47. Field site
147.535 SIMPLEX.

SEE YOU ALL AT FIELD DAY.

73's

STEVE

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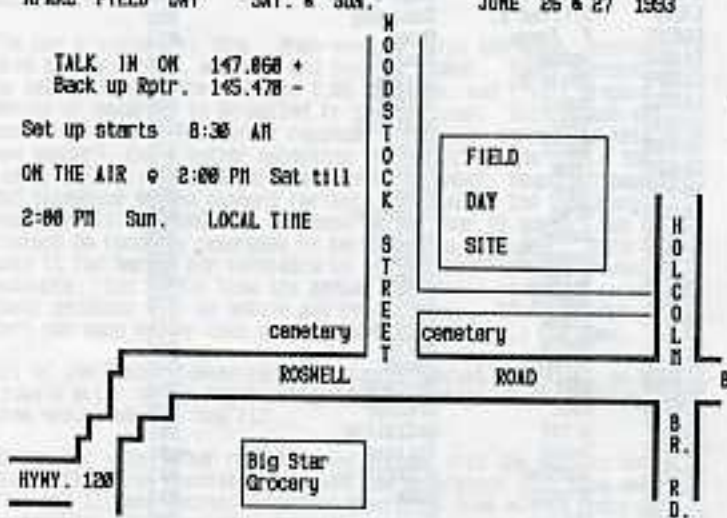
HFARL FIELD DAY SAT. & SUN. JUNE 26 & 27 1993

TALK IN ON 147.868 +
Back up Rptr. 145.478 -

Set up starts 8:30 AM

ON THE AIR @ 2:00 PM Sat till

2:00 PM Sun. LOCAL TIME



INFORMATION

CLASS: 5 A plus Novice/Tech. CALL SIGN N D 4 D

OPERATIONS: VHF & HF Packet CH 99B QRP ?????

ANTENNAS: DIPOLES LOOPS VERTICALS BEAMS

POWER: GENERATORS BATTERY SOLAR ????

TO GIVE ALL A CHANCE TO WORK ON THE AIR PLEASE CONTACT KC4YBO FOR A
TIME SLOT. Digital BEEPER 533-6195 HOME • 396-1555 Voice Mail #231

CALL	FNAME	LNAME	MEMBR_ID
AA4RC	Jeff	Weinberg	884
AA4ZC	Lawrence D	Boden, Jr.	872
AG6R	Bryan	Carl	336
K3PPY	David	McBride	859
K4AHJ	Ton	Knight	897
K4FLS	San	Agee	846
K4IHP	Joe	Dehaffey	832
K4JHH	Harold C.	Nyers	871

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K4JHX	Alan	Dages	828
K4KHE	Richard	Haigand	254
K4KAF	Don	Rogers	252
K4KJF	William A.	Sandusky	852
K48GKX	F. James	Gray	827
K44GGI	Joseph	Pestuch	830
K48DPR	David H.	Driggs	851
K49HYJ	Nancy	Gliner	250
K34KAY	Todd	McGinnis	272
K34KBS	Scott	Strav	131
K34KHQ	Lano	Hatts	317
K34KUC	John I.	Hess	864
K34VSS	Greg	Culpepper	826
KC4KJA	Russell	Akridge	255
KC4ROM	Keoneth	Snyder	220
KC4VZD	Brian	Duggar	357
KC4WHZ	George A.	Scott	275
KC4YBD	Steve	Knittel	231
KC4YBT	David	Wells	842
KC4YCF	Nichael	Hough	248
KC4YBN	BILL	Slatton	268
KC4ZLJ	Paul	Grether	289
KD4APF	Brint	McClellan	281
KD4APK	David	Fellows	151
KD4APT	Charles	D'Englere	887
KD4APN	Brenda	Hunk	251
KD4APO	Pat	Hunk	289
KD4APP	Don	Woodvard, Jr.	259
KD4APT	Shiona	Cavallara	283
KD4ATP	John	Keown	381
KD4DLV	Brian	Greer	325
KD4EQE	Phillip	Zeligler	382
KD4FKX	Dixie	Smith	348
KD4FKY	David	Smith	339
KD4FYJ	Bill	Pickens	383
KD4HDE	Chris	Craig	292
KD4HFR	Merio	Ruhnke	328
KD4HLLJ	Douglas	Allen	312
KD4HNO	Bob	Underwood	322
KD4HYX	Donna	Pickens	384
KD4IKZ	David	Jacoby	327
KD4ILA	David	Hayer	325
KD4KEY	Martha	Clark	333
KD4LJO	Chris	Cannons	165
KD4LJI	Richard	Cannons	169
KD4LXO	Charles	Daley	335
KD4LXT	Joshua	Arensberg	349
KD4QZD	Ronald	Greer	313
KD4QC	Douglas B.	Drye	881
KD4QHR	Jin	Lynch	866
KD4QRI	Bo	Harrell	858
KD4QRI	Nichael P.	Del Pozzo	328
KD4PEH	Joel	Gerrett	821
KD4QOLJ	Donald	Rood	342

KD4RFK	Richard	Patchin	050
KD4RTY	Caroline	Keown	300
KD4RUA	Phillip	Butler	148
KD4RUC	Charles	Tinsley, Jr.	352
KD4RUK	Alan	Nanning	351
KD4SOR	Willen	Reynolds	879
KD4SHE	Marshall	Nages	837
KD4TFO	Jeffrey	Medin	853
KD4TWN	Ann	Seery	237
KD4UIM	Jim	Moore	865
KD4VTX	Dale	Lovell	878
KD4RLB	George	Niles	857
KD4RLC	James	Booth	833
KD4VCO	Scott	Brown	869
KD4YRA	Luis	Valazquez	830
KD4ZNP	Bill	Agee	876
KE4ATI	Roy	Cannon	163
KE4FT	Sam F.	Osborne	882
KF4ZZ	Justin C.	Converse	170
KG6TW	Jim	Hillis	815
KI490	Dan	St. Andre'	880
KJ4CB	C. Douglas	Jordan	836
KK4EY	Delaine	McCarthy	266
KK4CB	John V.	Vogt III	212
KK4CA	Mac	Brown	278
KK4SV	David	Vandervall	896
KK4XF	William W.	Burnette	316
KK4BO	Richard	Seery	337
KK4IF	Daniel	Ortiz	341
KBAL	Alan	Cassel	884
KIABO	James	Alderdice	825
KLMBG	Joseph	Balch	343
K3AIA	Douglas	Reed	824
K3PDT	Michelle	Bonelli	338
K3FCU	J. Michael	Bonelli	329
K3KSD	Tin	Edge	315
N4CLA	Fred L.	Moore III	883
N4GFF	Carl	McKinney	885
N4HRA	Levis	Cason	811
N4JDO	Narty	Olson	847
N4JTB	Lawrance	Boden	878
N4LPU	Clifford	Walker	874
N4OOR	Janice	Bradley	141
N4OSQ	Diana	Hess	264
N4PUB	Dan B.	Hingate, Sr.	877
N4PZA	Patton	McKinney	185
N4QXH	Alan L.	Stern	816
N4QYD	Harvey	Kaplan	277
N4SE	George W.	McCarthy	265
N4TOL	John D.	Trenontanis	177
N4UAY	Sam	Smith	283
N4UJO	Larry A.	Richardson	282
N4UJO	Kalter	Wilson	287
N4VTH	Patty	Smith	285

H4VYP	Dorothy	McKinney	285
H4WBI	Carolyn	Caldwell	211
H4HTA	Nancy S.	Yogt	213
H4HYD	J. Ward	Peters	246
H4YIE	David	Gibson	280
H4ZM2	Dennis	Boglen	823
H4ZUQ	David	Cavaliere	282
H5JEE	Rise	Witt	285
H5KER	Romlo	Gilmer	190
H5HUT	Rick	Forbes	883
NC4E	John	Sanders	873
ND4D	Charles H.	McGinnis, Jr.	850
NEP5H	Ken	Dickson	249
NE5IK	Fred W.	Holcomb, III	247
H4DOT	William R.	Plage	181
H4EJF	Forrest H.	Shelton	818
H4IRZ	Bill	Reynolds	253
H4LDO	Howard R.	Holley, Jr.	274
H4HAR	George	Ryan	334
H4SHP	Jack	Van Hutten	835
H4UXJ	Narvin	Noss	849
H4HKP	Johnny	Feeron	321
H4YBY	Terry	Jogner	152
H5BQM	Joseph A.	Bautsch	328
H5BLA	Vern	Fowler	480
H5SOA	Jack L.	Conrad	855
HA20TJ	Frank	Grantham	332
HA4BJO	Frank	Peterson	843
HA4BHH	Nike	Henry	861
HA4BR0	Dan W.	Turner	885
HA4BVI	Marvin J.	Ramos	230
HA4FNJ	Michael	Connell	885
HA4FYA	Carlton	McKoy	250
HA4POU	Gilbert	Butler	347
HA4RSP	Michelle	Wainberg	276
HA4RYD	Kenneth A.	Waldrop	173
HA4YHZ	Bill	Hampton	385
HB1CSL	William R.	Codvise	812
HB2RGG	Frank	Lonbardi	882
HB3JAU	Larry	Nottley	188
HB4JBY	Carl	Jackson	890
HB4GTL	Duane	Ferner	881
HB4PTL	Dan A.	Gustafson	828
HB4RTP	Avery	Devis	152
HB4RUI	Harland A.	Orego	245
HB4ZBY	Kinball F.	Clough	845
HB4ZTA	Ginny	Clough	145
WB6DYO	William	Witt	287
WC4X	Ked	Mountain	831
WD0FFJ	John	Bradley	841
WD4BHP	Randal	DePriest	834
WD4FSU	Oven	Adair	848
WD4KIT	G. Warren	Coleman	829
WV5R	Cameron	Clayson	839