



Bi- Monthly  
 May  
 June

**JARSinc NEWS 1996**

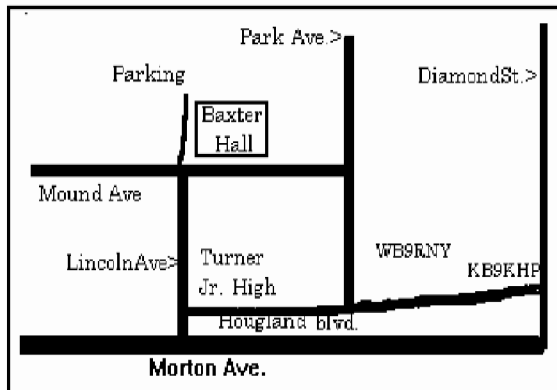
**Jacksonville Amateur  
 Radio Society Inc.  
NEWS**

**Next J.A.R.S. Meetings on  
 May 7, 1996, 7p.m. at Illinois College,  
 Baxter Hall & June 4, 1996  
 7p.m. at Wareco on E. Morton Ave.**

**Internet, By NetJax.**

The next JARS meeting will be held at Illinois College, Baxter Hall, starting with a short meeting for the election of officers in Baxter 19 at 7p.m. 19 is a room downstairs on the south side of the building. For those of you who are not familiar with where Baxter Hall is, I will have a map in this issue. Following the elections, at 8p.m. we will move upstairs to the computer lab for a demonstration of the internet, by Sean Meek & Chris Herington of NetJax the local Internet Service Provider (ISP).

*The Jacksonville Amateur Radio Society Inc. is a not-for-profit organization that provides support for members in all aspects of Amateur Radio which is regulated in the United States of America by the Federal Communications Commission (FCC). We conduct monthly meetings, publish a bi-monthly newsletter, and establish communications in emergencies, disasters, and various drills.*



**OFFICERS**

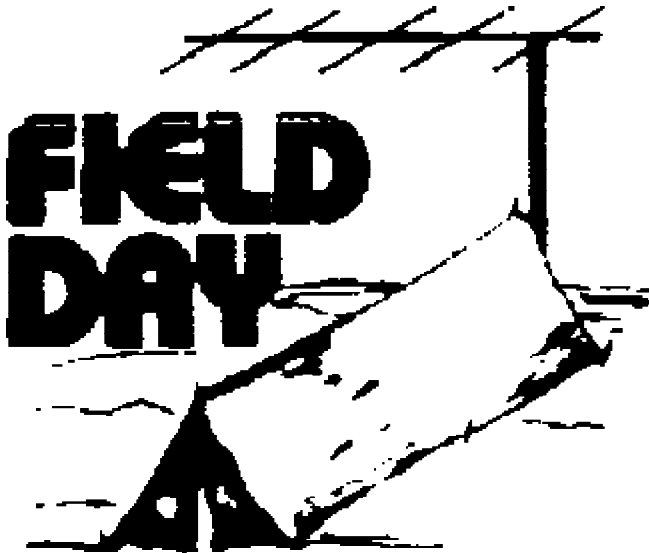
<b>President</b>	<b>Mike Mayberry</b> WB9RNY
<b>Vice-President</b>	<b>Tim Childers</b> KB9FBI
<b>Secretary</b>	<b>Claude Curry</b> N9PCT
<b>Treasurer</b>	<b>Rich Tavender</b> KB9IXO

**Newsletter Editors & Publishers**

<b>Tim Childers</b>	<b>KB9FBI</b>
<b>John Adcock</b>	<b>N9WJL</b>
<b>Mike Mayberry</b>	<b>WB9RNY</b>

# Field Day 1996

This year Field Day will be held in conjunction with the Illinois Valley Amateur Radio Club at the old C.B. Club Building on Lake Road (end of E. Vandalia Ave.) at the end of Nichols Park on June 22 & 23, 1996.



# The President



*An example of late in the Field Day Competition*

# Field Day Operating

If you have information about equipment you are going to bring, or any other information concerning Field Day please contact the person in charge of that area.

Equipment: N9OVB Mickey Jones (217)243-2201  
internet: mjones@netjax.com

Public Relations (media): KD9UL Bruce Boston  
(217) 323-2611

internet: spaceage@inx.net

Public Relations (on site): KA9UFJ Jim Dunham  
(309) 329-2628

Food: K9LTI Gene Glossop (217) 886-2537

Signs & Operations: KB9FBI Tim Childers (217) 245-2061  
internet: kb9fbi@netjax.com

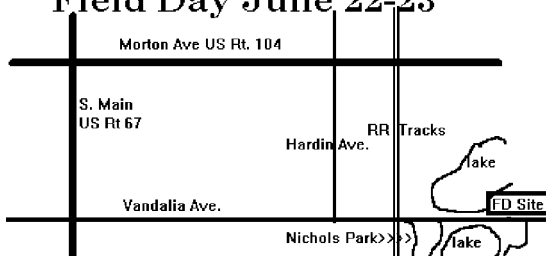
## Needed Equipment for Field Day

Good HF Radio Gear  
A Novice/Tech plus Station  
Feedline, Feedline, Feedline!!  
Antennas, Antennas!!  
Heavy Drop Cords

**OPERATORS, and most of all HELPERS!!!**

For info on exact needs contact committee chairman listed above.

## Field Day June 22-23



#1 - Always keep neat logs that are easy to read. You may not be the one entering them into the computer so make sure that they are legible! Your information to TX is "W9ACU 5A Illinois", RX info should be "callsign,report,and Section"

#2 - When changing bands/modes, draw a horizontal line on the logbook. Or better yet use a different page. This will help the person logging in the computer know that you have switched bands/modes.

#3 - Always be courteous, on the air and off.

#4 - It is better to try to find an open frequency and call CQ Field Day, than to hunt up and down the band for contacts. The QSO rate will probably double if you observe #4.

#5 - If you are unfamiliar with FD operating procedures have an experienced operator help you get on the air.

#6 - Anyone, I mean anyone, can get on and experience the thrill of HF Field Day operations. Even non-hams can get on with the control operators on hand.

#7 - We will operate through Saturday night ( propagation allowing ) so it you can be available in the wee morning hours on Sunday, please let someone know.

Our hours of operation will be from 1 PM local time on Saturday through 1 PM local time on Sunday. Setup will take place on Saturday morning at about 9 AM. We will meet for breakfast at Hardees in Jacksonville at 8 AM Saturday morning. Supper gathering at the FD site will be at about 6 PM on Saturday. Breakfast will be served at the site on Sunday morning for the operators. Help will also be needed to take down all the equipment on Sunday after the operations are over.

#8 - You are encouraged to bring friends, family, and prospective hams to Field Day.

#9 - HAVE FUN!!!!!!!

This Article was taken from the MCARC May 1996 newsletter. I just couldn't resist!!!

### Basic Electrical Exam

Just a short exam to test your basic knowledge of electrical installations.

1. What color is a green ground screw? \_\_\_\_\_
2. When hooking up a 200 volt heater, you must use 200 volt wire. True\_\_\_\_\_ False\_\_\_\_\_
3. Electricity will leak out of pipes if they are not connected with rain tight fittings.  
True\_\_\_\_\_ False\_\_\_\_\_
4. To trip a breaker, you must stick your foot out as it walks by. True\_\_\_\_\_ False\_\_\_\_\_
5. When dealing with conduit, the O.D. must exceed the I.D. or the holes will be on the outside  
True\_\_\_\_\_ False\_\_\_\_\_
6. A keyless fixture cannot be unlocked.  
True\_\_\_\_\_ False\_\_\_\_\_
7. A curcuit breaker reads 20 on the handle. This means it can only trip 20 times before it is worn out and replaced.  
True\_\_\_\_\_ False\_\_\_\_\_
8. If you plug something 100 volts into a 120 volt outlet, 10 volts will leak out and make a mess.  
True\_\_\_\_\_ False\_\_\_\_\_
9. The gauge of wire tells you how many plugs you can hook to it. True\_\_\_\_\_ False\_\_\_\_\_
10. When pulling two 4/0 wires into a 1/2" PVC conduit, the PVC stands for "Pipe Very Crowded"  
True\_\_\_\_\_ False \_\_\_\_\_
11. A flush mount device may only be hooked up to a toilet.  
True \_\_\_\_\_ False \_\_\_\_\_
12. An OHM is a Hindu measurement of voltage.  
True \_\_\_\_\_ False \_\_\_\_\_
13. Electrical inspectors are also known as \_\_\_\_\_.
14. Service entrance conductors purchased from an electrical parts house with current already in them are very dangerous to install.  
True\_\_\_\_\_ False \_\_\_\_\_
15. High voltage wire is used in the upper levels of tall buildings, where as low voltage wire is usually found in basements or underground.  
True \_\_\_\_\_ False \_\_\_\_\_
16. If you have a molded case circuit breaker, the mold can be washed off with warm soapy water.  
True \_\_\_\_\_ False \_\_\_\_\_

Jacksonville Amateur Radio Society - Roster

Callsign	Name	Tuma	City
K9AGB	Steven	Tuma	Jacksonville
K9LTI	Thomas E.	Glossop	Ashland
K9LUO	George M.	Strawn	Jacksonville
K9OIC	Samuel	Wallace	Alsey
K9QLL	Paul R.	Engle	Franklin
K9VPX	Coy	Burnett	Jacksonville
KA9HXV	Harry W.	Hunter	Alexander
KA9PHT	Roger	Luthy	Versailles
KA9QLF	Steven K.	Wenger	Jacksonville
KA9UFX	Jim	Dunham	Browning
KA9VXU	Mary L.	Hunter	Alexander
KB0HOO	Charlie	Collier	Quincy
KB4ONU	W. Darrell	Day	Homestead
KB9CEQ	Andrea N.	Funk	Liberty
KB9CES	Melba L.	Funk	Liberty
KB9EYB	Ron	Ward	Riverton
KB9FAY	Guy	Trone	Beardstown
KB9FBI	Timothy C.	Childers	Jacksonville
KB9FLS	Rocky	Mayberry	Hamel
KB9IEW	Danny	Jones	Jacksonville
KB9IXO	Richard E.	Tavender	Jacksonville
KB9JIZ	Charlyn	Funk	Liberty
KB9KHP	Margo A.	Gilmore	Jacksonville
KB9KHQ	Kaye	Green	Jacksonville
KB9KHR	John	Green	Jacksonville
KB9KHS	Oadie	Carter	Jacksonville
KB9KHT	Gary	VanBebber	Jacksonville
KB9KHU	Roy L.	VanBebber	Murrayville
KB9KHV	Wayne	VanBebber	Murrayville
KB9KOT	Jack	Trumbo Sr.	Jacksonville
KB9KOU	Henry	Harris	Jacksonville
KB9KRK	Larry	Spoon	Beardstown
KB9KVE	Bernard F.	Coil	Beardstown
KD9UL	Bruce	Boston	Beardstown
KE9GU	Jim	Chute	Rushville
N2PSG	Bob	Heil	Farmingdale
N9IDN	Joan	Chute	Rushville
N9IQV	Melanie C.	Funk	Liberty
N9JF	Jim	Funk	Liberty
N9MAF	Al	Tabor	Pawnee
N9MTN	Rusty	Wilson	Table Grove
N9MTX	Darren W.	Funk	Liberty
N9MZT	Mary	Wilson	Table Grove
N9OFP	Mike	Myers	Jacksonville
N9OVB	Mickey	Jones	Jacksonville
N9OZM	Robert	Daniel	Virginia
N9PCS	Paul	Zerkel	Mt Sterling
N9PCT	Claude A.	Curry	Jacksonville
N9QJM	Russell	Ward	Jacksonville
N9QOH	Sean M.	Daniel	Virginia
N9QOI	James A.	Daniel	Virginia
N9UHA	Nancy	Trone	Beardstown
N9UPD	Chad	Myers	Jacksonville
N9WJL	John	Adcock	Jacksonville
N9WJM	George	Mellor Sr.	Murrayville
N9WQJ	Ken	Mayner	Jacksonville
N9WQK	Craig R.	Schmitz	Meredosia
N9WRA	Ken	Kolberer	Jacksonville
N9YAY	Richard E.	Ranson	Quincy
N9ZPJ	Timothy D.	Thurston	Jacksonville
N9ZSB	Jerry A.	Wade	Jacksonville
W9OES	Vincent C.	Berkman, EC	Jacksonville
W9UFL	Joseph F.	O'Reilly	Jacksonville
W9ZIT	Williard A.	Prewitt	Jacksonville
WA7AVC	Gordon L.	Cady	Seattle
WA9GMM	Donald E.	Mayberry	Jacksonville
WA9GUJ	Helen M.	Mayberry	Jacksonville
WA9UAA	Rob	Meyer	Quincy
WA9UQC	Ernest	Launer	Virginia
WB9O EZ	Bob	Dinsmore	Jacksonville
WB9RNY	Mike D.	Mayberry	Jacksonville
WB9ZPY	Wayne	Childers	Athens
WD9FYZ	John W.	Corder	Jacksonville

# Hamfest Calendar

- May 4 Kansas City, Mo. PHDARA  
Chuck Miller, WA0KUH  
(816) 781-7313
- May 5 Decatur, IL. Cenois ARC  
Bert Ruble, N9ULQ  
(217) 423-0314
- May 5 Walbash, IN. Walbash County RC  
Donald Spangler, W9HNO  
(219) 563-5564
- May 11 Peotone, IL. KankakeeAreaRadioSociety  
Willis Bowser, K9IFO  
(815) 472-2079
- June 2 Princeton, IL. Starved Rock RC  
Debbie Burton, N9DRU  
(815) 795-2201
- June 9- Was the date of Six meter Club of Chicago - location  
and date has been changed to June 30
- June22-23 FIELD DAY!!!!!!!
- June 30 Wheaton,IL Six Meter Club of Chicago  
Tickets Mike Corbett K9ENZ  
606 South Fenton Ave.  
Romeoville, IL. 60446  
Info: (708) 442-4961

## Elections

As was mentioned earlier elections for club officers will be held at the May club meeting. The slate of candidates are as follows:

- President: Tim Childers KB9FBI
- Vice Pres: Mike Mayberry WB9RNY  
John Adcock N9WJL
- Treasurer: Kaye Green KB9KHQ
- Secretary: Margo Gilmore KB9KHP
- Directors: Rich Tavender KB9IXO  
(3 required) Hellen Mayberry WA9GUJ  
Claude Curry N9PCT  
Doc Prewitt W9ZIT

**Dues** will be due by July 1st. We will be entering our sixth year since the reorganization of the club!

## Internet Addresses:

- KB9FBI** kb9fbi@netjax.com  
**N9JF** jfunk@adams.net  
**N9OVB** mjones@netjax.com  
**KB9IEW** danster@netjax.com  
**K9AGB** stuma@netjax.com  
**K9VPX** burnett@netjax.com  
**N9WJL** lakjax@netjax.com  
**WA7AVC** glcady@netjax.com  
**KD9UL** spaceage@inx.net  
**N9OZM** daniel@casscomm.com  
**N9PCS** pzerkel@adams.net  
**N9ZPJ** tturst@heartland.bradley.edu  
**KE9GU** jim@inx.net  
**N9OZM** daniel@casscomm.com

## Other area hams not members of JARS:

- K9YDG** smccart1@directnet.net  
**KB9GEE** xnnx@netjax.com  
**KA9CFD** msjth@uxa.ecn.bgu.edu  
**KB9FIN** davew@bcl.net

**If you have an Email address please let me know so it can be included in the next newsletter. de kb9fbi@netjax.com**

## Amateur Satellite Communications

On RS-12 a new transponder has been turned on for mode KT. This is a low earth orbit bird that does not require much in the way of specialized antennas or radio gear. As a matter of fact I have worked many passes of RS-12 in mode K, with an uplink on 15 meters and downlink on 10 meters using a normal HF rig and a triband antenna. RS-12 in mode KT has the same uplink frequencies as in mode K.

- Uplink: 21.210Mhz - 21.250Mhz  
Downlink mode KT: 145.910Mhz-145.950Mhz  
Downlink mode K: 29.410Mhz - 29.450Mhz

RS-12 like all the birds uses a linear transponder, so a signal input on 21.220Mhz should give you an output somewhere near 145.920Mhz, depending on the Doppler effect. The transponder can be used in single sideband or cw. I should also caution you that the input on 15 meters is in the Advanced part of the 15 meter phone band.

**73s and happy hunting de KB9FBI**