

AIRWAVES



Radio Museum

By Scott Davis, KK7JS- While I was in NY I happened across the Antique Wireless Association Museum and took a tour of it. From the outside the building doesn't look that impressive, but inside there is an amazing collection that highlights the development of radio and television from its earliest days. Want to know what it was like to operate a spark-gap transmitter? They have two in working order, and are the only ones legally allowed by the FCC to transmit. How about checking out the very first transistor radio? They have it straight out of Bell Labs. How about one of the earliest examples of a remote control? Check out one from a high-end AM radio system built in 1939 – complete with a rotary dial selection of programmed channels and volume control.

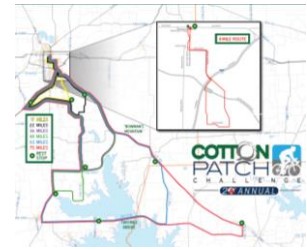
The location of the museum is East Bloomfield, NY which is close to Rochester. It is a bit of a distance from Texas, but you could combine it with a trip to Niagara Falls or the Finger Lakes. Hours are extremely limited though, so be sure to check ahead of time to make sure it's open when you're planning to go. Friendly volunteers, all hams, will be happy to show you around and explain everything you're seeing.



Cotton Patch Bike Ride

The 20th annual Cotton Patch Challenge Bike Rally will be Saturday, September 17th. We need Amateur Radio Operators to volunteer for communications at the Rest Stops, SAG vehicles, and Rovers.

This year the route will go south, starting at the Hunt County Courthouse with routes going through Greenville, Cash, Quinlan, West and East Tawakoni, Emory, and Lone Oak.



Radio Operators will need a VHF or VHF/UHF capable radio (VHF handhelds will work for rest stops within Greenville, operators will need higher power VHF/ UHF mobiles for the other rest stops). There will be crossband repeaters in both Quinlan and Emory to make the hop to the repeater in Greenville.



Anyone interested in helping should contact Stephen Denison (stephen.denison@l-3com.com) to sign up.

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Special points of interest:

We need volunteers to help with the Cotton Patch Bike Ride

We need people to present a topic at our club meetings

You can now order hats and shirts with the club logo!

June Club Meeting Minutes

Stephen Denison – President, opened the meeting at 11:45.

Announcements made by club President:

- Repeater moving from L3 Fire Station to MSTF.
 - o Work day scheduled for 7/9 to finish the move.
- SVARA Meeting on 7/14 on second floor of Hunt Regional Hospital in Greenville.

Repeater Update:

- Two projects to be completed on 7/9:
 - o VHF Repeater programming.
 - o UHF Repeater relocation to MSTF.

Cotton Patch Challenge Bike Rally:

- Rally will be in southern Hunt County this year. Start in downtown go south on 69 to Emory, over two-mile bridge over Tawakoni to 34 in Quinlan, then back north to Greenville.
- Operators will be needed to support all rest stops at a minimum.
- If there are enough operators, we need one in each SAG mobile vehicle.

Presentation by Stephen Denison: 2016 Field Day Report.

- 900 QSO: 300+ CW, 250+ Digital, 350+ Phone
- 9 participants (3 youth which qualified the club for the youth bonus).
- 3824 points placing us in the top 100.
- Dignitaries included the Greenville Mayor, Airport Manager, and Herald Banner.
- Article and pictures were published in the Greenville Herald Banner after the event.
- Stephen showed pictures from Field Day during the presentation.
- Location was discussed and agreed that it was good for the club but not conducive to recruiting new club members (especially youth).

Victor reported that all of the old club ham gear was sold at the recent Ham Con in Irving.

Stephen discussed getting our club logo digitized so that member could purchase caps and T-shirts with the club logo. Members would purchase the products on their own from a website once the logo has been digitized. The club agreed to pay \$35 to get the logo digitized by the company that Stephen recommended. A check for \$35 was issued to Stephen who will use his personal credit card to make the transaction.

Michael Ketchum asked that anyone not receiving club e-mails to get their information to him.

June Meeting Presentation– Field Day

The Majors Field Amateur Radio Club has an excellent time at Field Day this year. After several years of not having an active Field Day operation, our club was out in force. We had 9 active participants on the air: K5JAE, K5CES, K5EJS, K5NJS, K5MDK, KK7JS, WB0TEV, and W5SMD, including 3 youth.



The MFARC operated on all HF bands from 80 meters to 10 meters using digital modes, phone and good old fashioned CW from 3 stations. We completed over 900 QSO's with other stations across the US and Canada, and even had a few DX contacts scattered in.



Our submitted score for the event is 3904 points, including 910 Bonus Points from categories such as setting up in a public place, having youth participation, and having the Mayor visit our operation.



Repeater Workday

Members of the Majors Field Amateur Radio Club successfully completed maintenance on the WD5GSL repeater system last month. The UHF repeater was removed from its temporary home at the fire station and collocated with the VHF repeater at the MSTF. By using a diplexer, both repeaters are now sharing the same dual band antenna.



The VHF repeater had the software reconfigured so that the identification is much shorter, making the repeater more useable. This required building a serial port converter to plug a laptop into the controller card.



The UHF repeater range was tested and found to work along Interstate 30 all the way to the city limits of Sulphur Springs, which is a major improvement over the previous location.



Presentations Wanted

We are looking for presenters to present a short topic on Ham Radio at our monthly club meetings. Presentations may include, but are not limited to:

- Building or Modifying Station Equipment
- Different types of Digital Operation
- Software used for Ham Radios
- Emergency Radio Equipment
- Ham Radio Activities, such as contests or events

If you would like more information on a particular topic, and would like someone to do a presentation on it, you may suggest it as a topic. Please email Stephen Denison or Michael Ketchum to present a topic or to suggest a topic for presentation.

Upcoming Classes and Test Sessions

The Majors Field Amateur Radio Club is planning on having classes on the following Days:

November 4, 5 Technician Class, Test on November 5

If anyone is interested in taking a class, teaching a class, or becoming a volunteer examiner to administer the test, please email classes@wd5gsl.org.

Club Swag

Members of the Majors Field Amateur Radio Club now has a place to purchase shirts, hats, jackets and vests with the club logo embroidered on it. Visit www.hamthreads.com and check it out. As a bonus, by putting the club logo on any item, you will save 20% off the regular price!



**MAJORS FIELD
AMATEUR RADIO
CLUB**

Phone:

(903) 457-4127

E-Mail:

president@wd5gsl.org

**We're on the
Web!**

See us at:

www.wd5gsl.org

Your article submissions
are welcomed. Please
submit to Stephen
Denison

Majors Field
Amateur Radio Club
Greenville, Texas



Club Officers

President Stephen Denison – W5SMD
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John.C.NelsonJr@L-3com.com

Club Station

Club Station: TBD
VHF Repeater: WD5GSL/R
147.160 MHz (+) PL 100.0 Hz
Friday Morning Talk-In Net

UHF Repeater: WD5GSL/R
444.625 MHz (+) PL 151.4 Hz
Temporary Antenna Position Limits Range Currently

- August
- 13 Rockwall Hot Rocks Bike Ride
 - 18 SVARA Meeting at 7:00pm at Greenville Hospital
 - 20-21 [North America QSO Party](#)
 - 21 [ARRL Rookie Roundup, RTTY](#)
 - 25 MFARC Meeting PD North Conference Room at 11:45am
- September
- 15 SVARA Meeting at 7:00pm at Greenville Hospital
 - 17 Cotton Patch Bike Ride
 - 29 MFARC Meeting PD North Conference Room at 11:45am

REGULAR ACTIVITIES

- Daily DFW Early Traffic Net (NTS) at 6:30pm 146.88 – PL 110.9Hz
- Daily DFW Late Traffic Net (NTS) at 8:30pm 146.72 – PL 110.9Hz
- Daily DFW CW Traffic Net (NTS) at 7:00pm and at 10pm on 3541 KHz www.k6jt.com
- Thurs Sabine Valley Amateur Radio Association Net Every Thursday night at 7:00pm on the K5GVL/R 146.780 MHz (+) PL 114.8Hz
- FridayMajors Field Amateur Radio Club Talk-In Net** Every Friday morning on your way in to work on the WD5GSL/R 147.160 MHz (+) PL 100.0Hz

Contest Calendar: <http://www.hornucopia.com/contestcal/weeklycont.php>