



## Inside this issue

- Meeting Minutes
- President's Letter
- Field Day Results
- Online Fund-Raising Hoax Targeting Some ARRL Members
- Radio Amateur in Japan Completes Worked All States on 6 Meters
- Repeater Woes
- Calendar

## Meeting Minutes

### Majors Field ARC Meeting Minutes 6/14/2018

- Meeting was called to order at 11:50

## Officer Reports

- Meeting minutes for May meeting are in the latest edition of "Airwaves".
- Treasurer Report delivered by Michael Ketchum.
- President: New club callsign is W5NNI. Some repeaters have been changed to the new call but others still need to be modified.

## Subcommittee Reports

- Licensing class – Approximately 91 participants in the class held at the TSG armory with roughly half of them passing the exam for a license.

## Upcoming Events

- Various club meetings in the area.
- Field Day.

## Old Business

- N/A.

## New Business

- ARRL club affiliation effort completed.
- New 2m repeater purchased, analog only.
- Meeting adjourned at 12:15.
- Field Day plans and discussions followed general meeting.

## Presentations

- N/A.

# AIRWAVES



## Attendees

- Scott Davis (K5PS)
- Scott Joseph (K5BGL)
- Michael Ketchum (K5MDK)
- John Nelson Jr (N0DFW)
- Craig Nichols (KG5MHU)
- John Pizzicaroli (N7CDL)
- Chris Rutz (KG5ZYF)
- Scott Singleton (KM5SJ)
- Larry Smith (K5XB)
- Peter Van Horn (KA5YDC)

*Written by Secretary Scott Davis – K5PS*

## President's Letter

Summer drags on!

At least we have Field Day behind us. The results (score) looks pretty good, but I'm most proud of the participation and the turn-out. We could always use more, but we had enough to make it worthwhile and fun to do.

### Meetings

As always, meetings are the 2nd Thursday of every month in the Kitty Hawk C.R., which this month is Thursday, July 12th. This month's quality program will be something interesting concerning Ham radio that I found on YouTube... unless one of you come up with something better. And I certainly hope you do. Remember you get an extra ticket for the end of year drawings if you present a program. A word about joining and membership renewal: It's still not too late to be counted! With your membership and support, we can continue with projects such as 2-Meter repeater technology refresh we just started, acquisition of a new HF radio for the club, or any other projects we'd like to try.

### Projects

Speaking of projects. I think at this point, everything that I wanted to help the club accomplish either is done or well on its way to working out. As we begin the second half of the year, we need to know what you would like to see your club do. HF station? Contest participation? Kit building? PCS fundraiser? Bring your ideas to the meeting and let's get something started.

### ARRL

As an ARRL Affiliated club, the club gets to keep a whopping \$15 of your initial membership fee to ARRL or \$2 of your ARRL annual membership renewal. See a club officer for a form to join or renew with ARRL.

### License Classes

We need to start thinking about when we can hold a General Class license preparation class and test session. We have many new hams. Let's start a discussion about when we think we can do this.

See you at the meeting Thursday. Bring a friend, and feel free to bring your lunch.

73,

Larry

K5XB

MFARC President

*Written by President Larry Smith – K5XB*

# AIRWAVES



## Field Day Results

This year, we had a stormy beginning, when it started to rain on Saturday morning. However, it wasn't long before the rain ended and never to be seen again for the rest of FIELD DAY. Weather wise, we had cloudy conditions with a steady southerly breeze, which kept things cool; as cool as it can get in July here in Texas July. I was worried about the router, which got a little wet, but after a hair raising hair dryer application, Jae's router came back to life to finish out just nicely.

We had three stations that were active for Field Day: Jae Stutzman - K5JAE, David Rogers - KG5KPU, and Victor Paul - WB0TEV. In addition to the three HF stations, we also had a VHF station setup by Scott Joseph - K5BGL, with a stack of Yagi antennae on a rotor. We also had a special GOTA station setup by Gabe Cook - W5TTX, of which he operated under his own call sign. Altogether, this year's setup was grand, with linked N1MM logging and high-speed internet access.

Here are the scoring results:

Call Used: W5NNI      GOTA Station Call: (none)      ARRL/RAC Section:  
NTX      Class: 3A

Participants: 14      Club/Group Name: Majors Field Amateur Radio Club

Power Source(s): Generator

Power Multiplier: 2X

### Bonus Points:

100% Emergency power	300
Media Publicity	100
Public Location	100
W1AW Field Day Message	100
Youth participation	40
Youth operators=2	
Youth participants=2	
Submitted via the Web	50
Social media	100
Safety officer	100
Total Bonus Points	890

### Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	375	213	267		
Total Points	750	426	267	1443	Claimed Score = 2,886

# AIRWAVES



Band/Mode QSO Breakdown:

Band/Mode	CW		Digital		Phone	
	QSOs	Pwr (W)	QSOs	Pwr (W)	QSOs	Pwr (W)
160m	0		0		0	
80m	0		12	50	1	100
40m	101	100	122	50	110	100
20m	197	100	76	50	77	100
15m	57	100	3	50	16	100
10m	20	100	0		24	100
6m	0		0		39	100
2m	0		0		0	
1.25	0		0		0	
Other	0		0		0	
Satellite	0		0		0	
GOTA	0		0		0	
<b>TOTAL</b>	<b>375</b>		<b>213</b>		<b>267</b>	

BONUS POINTS: 890  
 QSO POINTS: 2886  
 =====  
 TOTAL POINTS: 3776

*Written by Vice-President Michael Ketchum – K5MDK*

## Online Fund-Raising Hoax Targeting Some ARRL Members

**July 2, 2018 – ARRL – Newington, CT** – A poorly worded online solicitation seeking donations to support medical costs for an ill youngster is not from ARRL and is a scam! Some members have reported receiving an email with the subject line “Help Support Dawn,” dated on or about June 30, stating that “Dawn” is the critically ill son of an ARRL member and requires urgent surgery.

“ARRL would never send an unsigned email like this to our members,” said ARRL CEO Barry Shelley, N1VXY. “This is clearly a hoax, and we would never solicit for private causes in this fashion. To prey on the willingness of our members to help other hams in need, is particularly despicable.”

The attempt to solicit funds through GoFundMe and PayPal may be aimed at collecting personal and credit card information. ARRL members are urged not to repost, forward, or respond to this request.

*Reprinted from ARRL with permission*

## Radio Amateur in Japan Completes Worked All States on 6 Meters

Tac Hirama, JA7QVI, has completed all requirements for the Worked All States (WAS) award on 6 meters. New Jersey was the last state he needed to work, and he managed a moonbounce (EME) contact as well as a conventional ionospheric contact.

It's quite possible that JA7QVI is the first radio amateur to earn WAS on 6 meters from Japan, although that cannot be confirmed. Completing WAS on 6 meters was a major goal for him, Hirama said, and an Earth-Moon-Earth contact with Andy Blank, N2NT, on June 17 clinched the deal. He'd been working on achieving WAS on 6 meters since 1977.

JA7QVI now has accomplished WAS on 10 bands, 160 through 6 meters.

*Reprinted from ARRL with permission*

## Repeater Woes

With the anticipated Kenwood TKR-750 2-meter repeater being installed in the near future, we have noticed some poor reception in areas just south along the I-30 corridor in Eastern Greenville. This may be due to topography, but performance has changed since the UHF system joined the VHF system to share the antenna. David Hunter – KC7CEX grabbed an Anritzu antenna analyzer and started to take measurements of the antenna system.

Connecting to the antenna, which includes the 17' cable to the hardline coming out of the floor, the performance was great with 1.5:1 SWR for both our UHF and VHF frequencies.

When including the diplexer/splitter, we had similar results, with no noticeable difference in SWR performance.

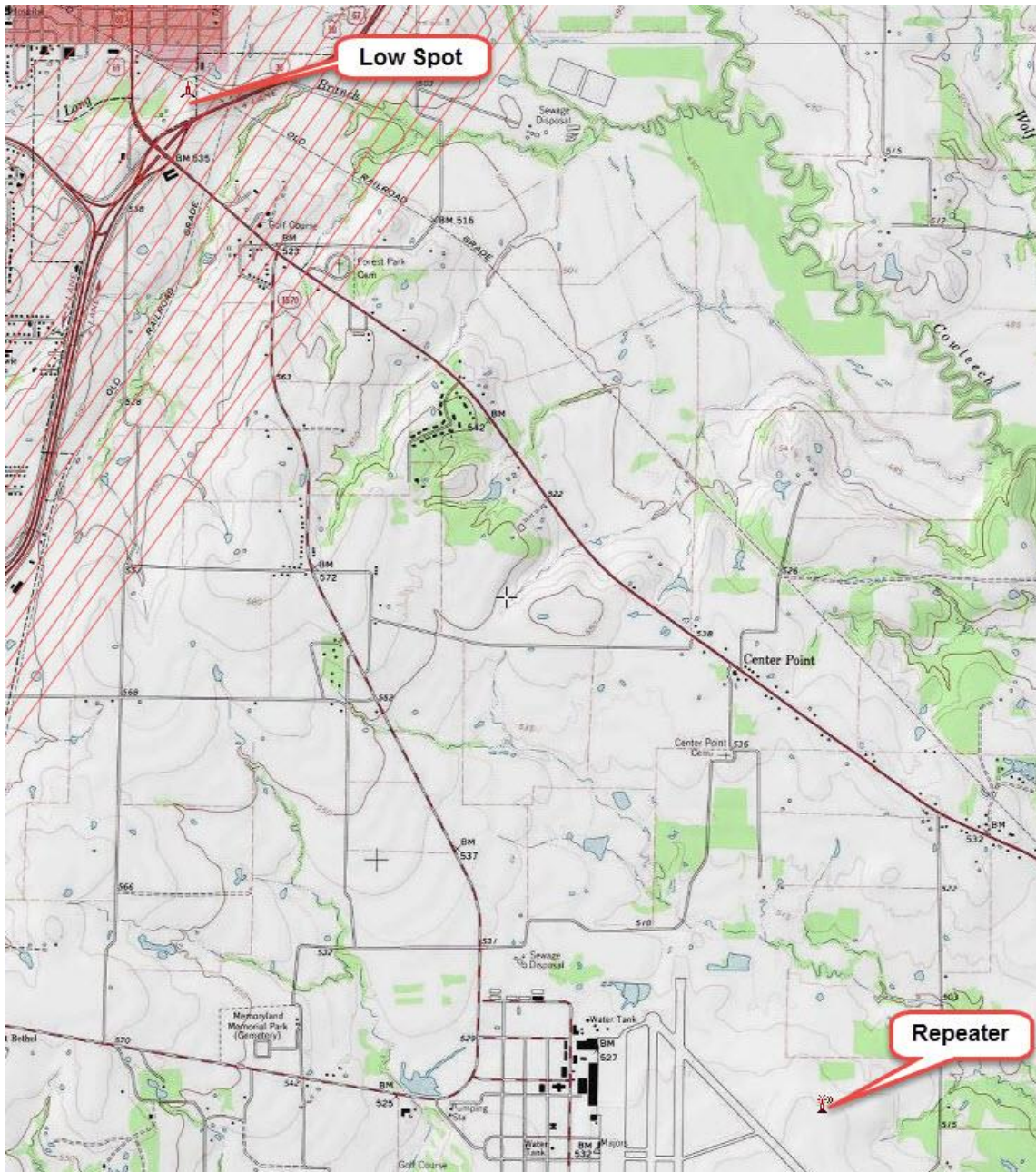
We performed an injection test to see the loss going through the diplexer/splitter. I do not remember any exact specs, but it was determined to be negligible loss going through the diplexer/splitter at low power.

We also ran tests from the repeater inputs going through each set of duplexers, with injection at the antenna input in order to measure their performance and loss. Each duplexer was precisely tuned to their operating frequencies with 60db filtering between TX and RX each way.

Dave could probably give you the more scientific answer to the study. However, it is needless to say, if there are sensitivity issues, the antenna analysis could not detect a reason.

Reception of the repeater is good in all areas of the city. However, be aware that the area North of Colony Drive and Jack Finney Blvd will start to have issues holding the repeater during transmission. You will get fried bacon reports until you reach US-69, where it starts to drop off and have trouble holding the repeater. By the time you get across Moulton on Business-69, the repeater is unreachable, although reception is still good.

Here is a topography map to show areas I have had trouble holding the repeater in:



*Written by Vice-President Michael Ketchum – K5MDK*

## Calendar

- July 12 MFARC Meeting at 11:45am at B136-A Kitty Hawk Conference Room.
- July 14-15 IARU HF Championship <http://www.arri.org/iaru-hf-championship>
- July 19 SVARA Meeting at 7:00pm at Hunt Regional Hospital.

# AIRWAVES



- July 21-22 North American QSO Party RTTY <http://www.nicweb.org>  
July 27 Ham Holiday, Oklahoma City <http://www.hamholiday.org>  
Aug 4-5 222 MHz and Up Distance Contest  
<http://www.arrl.org/222-mhz-and-up-distance-contest>  
Aug 18-19 10 GHz & Up <http://www.arrl.org/10-ghz-up>  
Aug 9 MFARC Meeting at 11:45am at B136-A Kitty Hawk Conference Room.  
Aug 16 SVARA Meeting at 7:00pm at Hunt Regional Hospital.

## 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 <http://www.k6jt.com>  
Thurs SVARA Net Every Thursday night at 7:00pm on the K5GVL/R 146.780 MHz (+) PL 114.8Hz  
Meets every Thursday night except on SVARA meetings 3<sup>rd</sup> Thursday of each month.

## Officers

- President:** Larry Smith – K5XB  
[president@w5nni.net](mailto:president@w5nni.net)  
(254) 644-6465 cell
- Vice President:** Michael Ketchum – K5MDK  
[vice-president@w5nni.net](mailto:vice-president@w5nni.net)  
(972) 408-6573 cell
- Secretary:** Scott Davis – KK7JS  
[secretary@w5nni.net](mailto:secretary@w5nni.net)
- Treasurer:** John Nelson Jr. – N0DFW  
[treasurer@w5nni.net](mailto:treasurer@w5nni.net)  
(903) 454-0911 cell
- VE/Class Team Leader:** Jae Stutzman – K5JAE  
[classes@w5nni.net](mailto:classes@w5nni.net)
- Club Trustee:** Jonathan Brown – WB5KSD  
[trustee@w5nni.net](mailto:trustee@w5nni.net)

## Club Repeaters

- Club Station:** TBD
- VHF Repeater:** W5NNI/R  
147.160 MHz (+) PL 100.0 Hz
- UHF Repeater:** W5NNI/R DMR  
444.625 MHz (+) Rx-SQ PL 151.4 Hz

*AirWaves* is a production of the Majors Field Amateur Radio Club

We're on the Web! Find us at: <http://w5nni.net>

Your article submissions are welcomed. Please submit to [editor@w5nni.net](mailto:editor@w5nni.net).