

Nacogdoches Amateur Radio Club

2016 CLUB OFFICERS

Pres: John Cechin - W5FWR

Sec/Treas: Army Curtis - AE5P

Visit our web site at

<http://w5nac.com/>

MISSION STATEMENT

The Mission of the Nacogdoches Amateur Radio Club is to support and promote Amateur Radio by public service, offering training to unlicensed interested parties and licensed Amateurs, mutual support of other Amateurs, engaging events that promote Amateur radio to the general public and other Amateur radio operators, and continuing fellowship by regularly scheduled organized meetings and events and have fun.



JULY MINUTES

The July meeting of the Nacogdoches Amateur Radio Club (NARC) was held as scheduled on July 6th 1st. **President John W5FWR** opened the meeting at 7:00 p.m. in the Parish Hall of Christ Episcopal Church. Fifteen members and two guests were present. Each person present introduced himself. Minutes of the previous meeting were approved as published. The Treasurer's report was read.

President **John W5FWR** had some comments about the Field Day event just

completed. We had a good turnout of club members and members of the public. Overall, an excellent Field Day even if band conditions left something to be desired.

Army AE5P presented a quick review of results and points from Field Day.

This being our annual Ice Cream Social night, everyone was invited to fill their bowls and enjoy their favorite flavor(s) of ice cream. If anyone went home hungry this evening, it was their own fault. Lots of ice cream; wonderful flavors.

Meeting closed at 7:11 p.m. Ice Cream eating and socializing continued until after 8:00.

MY 2 CENTS FOX WILLY ROGER

AUGUST 2016:

August is here already; this year is almost gone but not forgotten. The ice cream social was some of the best tasting social I've been to in a long time, last year I was in the hospital.

Some of the play time events for August are, European HF Championship, North American QSO Party: CW, August UHF Contest, Maryland-DC QSO Party, North American QSO Party: SSB, to name a few, but there are more than enough for all players.

Who is going to, don't be shy, volunteer, keep this club going, be the next winner.

Consider this, what if there were no palatal parties, no conventions, no red or blue, just sit at your computer and enter, how much money would be saved?

My good friend took me to a gun show in Pasadena, he was interested in a rifle and I was interested in the girls, the both of us accomplished our goals.

The NOHA project hasn't given any more information yet, as soon as something develops I will pass it on.

The latest QST has an article on a vertical quad, it looks like a takeoff of the hentenna, and maybe W5TV will write a column on it one day?

I have been informed that AE5P has a wiz-bang program lined out for the club at the next meeting, "how I spent my summer vacation", come one come all, take notes.

The word tree hos decided to go on vacation; maybe it went with AE5P and stayed a bit longer, only a question that Army can answer?

Have a safe and happy rest of the summer, still lots of hot days and nights ahead, enough to go around for

everyone, stay cool and drink plenty of fluids, of your choice of course.

THE CRAZY CAT GUY:

Mother, the one that started all the others, has been gone for a few weeks now. Her last litter is staying around the property more and more, in the past I called them the teenagers. Today I decided to name them; one is Fluffy, because of the fluffy tail. The second one I call Jerome, because of the spot pattern it has.

Tigger Boy has taken the job as the prides CEO. Tigger Girl's litter seems to have disappeared; I haven't seen them in a month.

Tigger Girl and Daisy May have taken over nursing the four kittens. I have named these four, 1, 2, 3, and 4, I may name them later.

The kittens have found out that the red bud tree is more than shade or a great place to sleep, hide, and play. The bent branches are great for

climbing and playing tag with the other kittens.

LG is still gone on his walk-about. I have not gotten a post card, letter, or phone call from him, that's kids for you.

Tigger Boy is the latest to come and let me pet him, the first was Tigger Girl, and then it was Daisy May, Lou comes each time, but doesn't allow me to pet him, but he does sit and talk to me. The kittens are the same way, they come closer every time.

"THOUSANDS OF YEARS AGO CATS WERE WORSHIPED AS GODS THEY HAVE NEVER FORGOTEN"

DID YOU HEAR THE ONE?

About the ham that when he finished reading the phone book commented "not much of a plot, but a hell of a cast"?

GREAT INVENTIONS:

"Solitaire card game, what else is there to do on the, not tonight- I have a headache"?

A horse, how else you going to ride into town? Still too tired.

DID YOU EVER THINK?

Why is there a life span on the oil used in our vehicles?

NASA put men on the moon with rovers that didn't require oil changes, these rovers are still up there, some forty five, or so, years ago?

And now that I am on this subject, why weren't there any women astronauts with the Apollo program, were the guys afraid of a little competition?

HMMM

I will now leave a lot more spaces for the others to use, don't be shy, and fill up the pages, you try it sometimes, but you can't use my Word Tree.

LIVE WELL, LAUGH OFTEN, LOVE MUCH!!!

Let me know, what do you think?

KEEP YOUR POWER DRY AND YOUR HEAD BELOW THE HORIZON.

HAPPY TRAILS

John Cechin W5FWR
Carrots4ever2@gmail.com

NOTES FROM OUR EC

The Hudson VFD is having a Search and Rescue exercise this weekend, 30 and 31 July. Mike WD5EFY has sent out a very comprehensive scenario of the events. Just like in real life, rain or shine it will happen. Reminds me of a thought from another time: "If it ain't raining, you ain't training." Hopefully the weather will cooperate and it won't be too hot for the people in the field.

Andy put together a very good list of things he did in preparation for this exercise. Go back through your email and look it over

again. Check out your Ham Go-bag, orange box or whatever you take technically and then that personal Go-bag of socks, water, food etc. Some of us, myself included, probably need to replace the battery in the hand-held if for nothing more that it has been around a good long time and getting old. I can still raise the repeaters with my original stock battery in my VX-5, but you never know.

The nets have been going well considering this is vacation season. I know many of you are taking a little vacation or perhaps a big one and traveling. Hope you're having/had a good time.

Net Control operators please remember our weekly nets are published on our website and in other locations. Hams and others will look to our web page or the repeater directory to get the information about our repeaters and nets. If we deviate from that schedule to either of the other repeaters, then they

may miss us. Net Controls if you wish to use the 70 cm repeater, then by all means do, BUT after the regular net is finished. You can then call up an informal net there or practice talk around or simplex, always a good thing to know how to do. Please, please do not deviate from the published schedule if at all possible.

Hope everyone has a great weekend. I miss not being able to be at the club meetings, but that 4 letter word W O R K seems to get in the way

73 de John Chapman
KC5MIB
jlchapman2@juno.com

VE TESTING

Our next VE testing is scheduled for Wednesday, August 17 at 7:00 p.m. in the Parish Hall of Christ Episcopal Church. Applicants should bring a picture ID, the original and a copy of their current Amateur license, the

original of any CSCE's and \$15 to cover the cost of the exam(s). Correct change is always very much appreciated. 73 de AE5P
email: ae5p@arrl.net

CLUB NETS

Remember to join us each week for the nets sponsored by NARC. Each **MONDAY** is the **NARC ARES/RACES** net, at 8:00 p.m. on the club's 146.84 repeater (PL 141.3). Second, on **THURSDAY** evenings at 8:00 p.m. is the **Deep East Texas Skywarn Emergency Weather Net** on the 147.32 repeater (PL 141.3). Please join us for one or both.

NEXT MEETING

The next meeting will be **Wednesday August 3rd at 7:00 p.m.** in the Parish Hall of Christ Episcopal Church.

NEW CALLSIGNS

Several members have recently changed callsigns. Keep an ear open for:

Dale K5BDD (ex WD5HFD),

RM K5AGE (ex KF5ZPV)

Jim W5QI (ex AG5EH) and

Bill KT5TE (ex KG5LFR).

VE TEST RESULTS

Kenneth Mosley from Apple Springs passed his Technician exam at our July VE Test Session. As of today (7/29), Kenneth's new call sign has not yet been issued. Congratulations to Kenneth and welcome to the fraternity.

SILENT KEY

Sad to report the passing of Doug Loughmiller, W5BL on July 22nd. Doug was a member of NARC back in 2008. Doug was the leading force behind ARBONET (Amateur Radio Balloons Over North East

Texas) and one of the nicest individuals I have met. He will definitely be missed by many in the Amateur Radio community.

SHREVEPORT HAMFEST

The Shreveport Hamfest will be held on August 13th at the Louisiana State Fairgrounds. Details at <http://www.k5sar.com/>. More info at our August meeting.

UPCOMING EVENTS OF NOTE

Mark your calendars for the following events coming up in the next few months. Full information on these events and much more can be found at <http://www.hornucopia.com/contestcal/contestcal.html>

North American QSO Party CW

August 6 – 7

<http://www.ncjweb.com/NAQP-Rules.pdf>

North American QSO Party SSB

August 20 – 21

<http://www.ncjweb.com/NAQP-Rules.pdf>

ARRL September VHF Contest

September 10 - 11

<http://www.arrl.org/september-vhf>

Texas QSO Party

September 24 – 25

<http://www.txqp.net/>

CQ WW DX Contest SSB

October 29 – 30

<http://www.cqww.com/rules.htm>

ARRL Sweepstakes CW

November 5 – 7

<http://www.cqww.com/rules.htm>

ARRL Sweepstakes SSB

November 19 -21

<http://www.cqww.com/rules.htm>

CQ WW DX Contest CW

November 26 - 27

<http://www.cqww.com/rules.htm>

ARRL 160 Meter Contest CW

December 2 - 3

<http://www.arrl.org/160-meter>

ARRL 10 Meter Contest CW/SSB

November 10 - 11

<http://www.arrl.org/10-meter>

A Three Element 2 Meter Quad

by

Thomas Atchison, W5TV

In the last article we discussed a two element quad antenna for 2 meters. This consisted of a driven element and a reflector. We can increase the gain if we add an element to the antenna on the opposite side of the driven element that is slightly shorter in circumference than the driven element and spaced an appropriate distance from the driven element. The spacing of this element is such that it will reradiate the signal from the driven element to reinforce the signal that is radiating from the driven element/reflector pair. This added element is usually called a director. See Fig. 1.

EZNEC

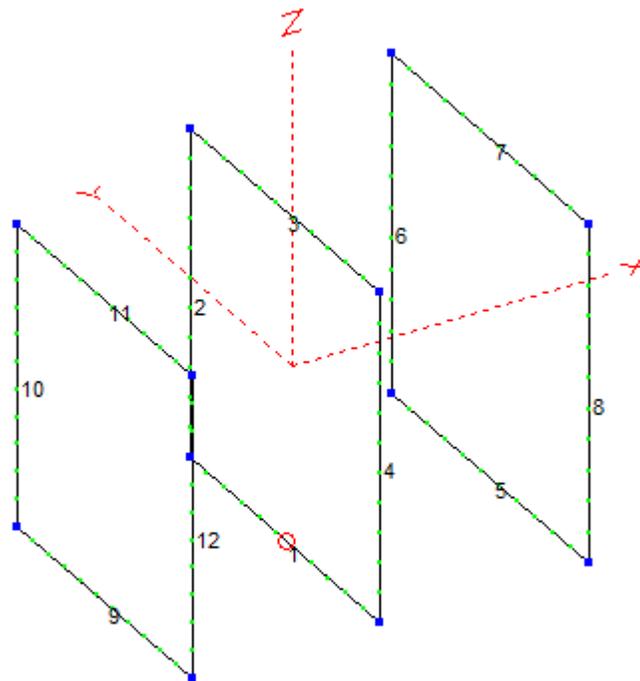


Fig. 1

The director in Fig. 1 consists of wires 9, 10, 11, and 12. Maximum radiation occurs in the direction from the reflector through the driven element toward the director. In

Fig. 1 this is from right to left. In this simulation each side of the director is 1.6 feet long and the distance between the driven element and the director is 1 foot. The azimuth plot is shown in Fig. 2.

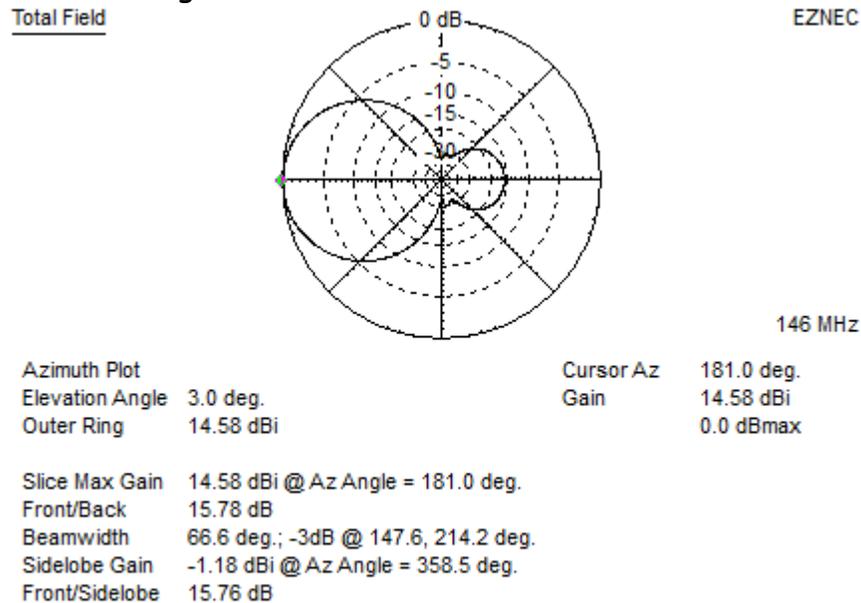


Fig. 2

The SWR plot from 144 MHz to 148 MHz is shown in Fig. 3.

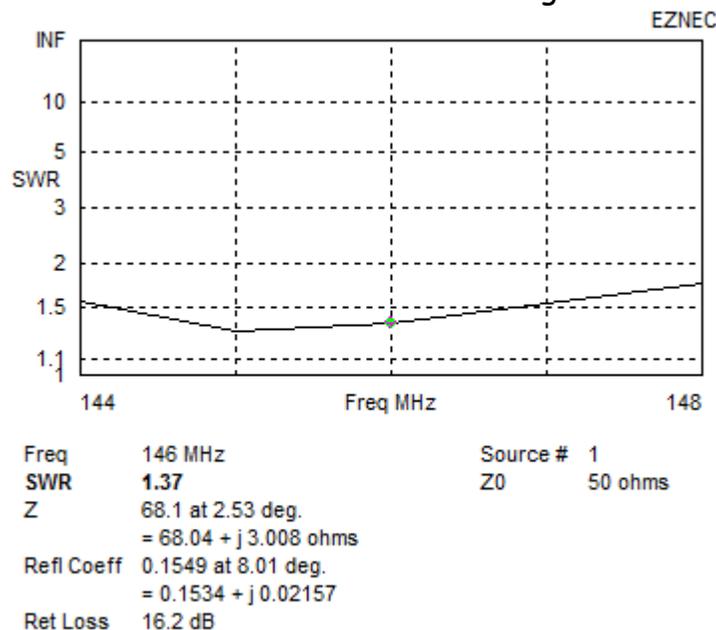


Fig. 3

It is interesting to note that in this simulation $Z_0 = 50$ ohms. This means we should be able to feed this antenna directly with 50 ohm coax.

Remember, if you want vertical polarization you need to feed the antenna on one of the vertical wires. If you want horizontal polarization, feed the antenna on a horizontal wire. Notice that Fig. 1 shows the feed point as the red circle on wire 1. That means we have horizontal polarization.