



THE LOCAL OSCILLATOR



THE PUBLICATION OF THE PANHANDLE AMATEUR RADIO CLUB

PRESIDENTS MESSAGE

Sorry this issue is a little later than normal. A new editor is needed to replace KM5ER. KM5ER is ready and willing to work with the next editor so please give me a call if interested!
DON, KC5EZO

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Need Info, Have
Comments: Call
Don, KC5EZO @
381-2775

SATELLITE STATION - \$300 ?? Part 4

Satellite Series --- Final. The other day while driving to the library I worked Utah and Rhode Island on FM voice from my car. How did I do that? EZSats, AO-27 and SAFEX (on board Mir). Last month I mentioned AO-27, but I didn't make it clear how easy it can work. Just listen then talk. Listen on 436 MHZ and talk on 145 MHZ. Last month I mentioned 436.800 MHZ as the downlink. This was the original downlink. 436.792 MHZ is now probably closer to right. For best performance I like to start listening on 436.795 MHZ and about half way
(Continued on Page 4)

Simple (And CHEAP) Antenna Project

One of the simplest and most inexpensive antennas you can build is a quarter-wave ground plane antenna. The only part you need to buy (or dig one out of your junk box) is a SO-239 panel mount connector. An old wire hanger can be used for the radiator and radials. Use a soldering iron to attach the radiator to the center post of the SO-239. Attach the radials by soldering or screws. Cutting the radials to size can be done after construction is complete. The radials should be bent to an angle of 45 degrees for 52 ohm impedance. For decent performance on the 146.66 and 146.94 repeaters cut the radiator to about 19.13 inches. Cut the radials to about 20.09 inches. Experiment and Enjoy!

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I MIGHT NEED THE RADIO!

By: W5UGR, Betty Sproul

This article was published in the February 1993 issue of "The Larc Spark", the quarterly newsletter of the Huntsville Area Young Ladies Amateur Radio Club, in Huntsville, Alabama.

I travel alone a lot, and always carry my 2-meter hand held radio with me. I also have at my side a copy of the repeater directory and an extra battery pack. I have been lucky to not need to call for help during these travels alone, but it certainly is good to know that I have the radio and the book to look up the frequencies of the area that I am in, if I do need it.

In early November 1992, while Maurice, W5UGQ, was working in Huntsville, AL, I scouted alone, the Deer Hunting Club in central Arkansas where we are members. This is a wooded area with dirt roads, 28 miles from our home in Pine Bluff, Arkansas. I took my 2-meter hand held radio with me. I scouted the area three times before deer season opened for a place to hunt. I found a place that looked good to me, and marked it on my Deer Club map. To prepare for opening day, I went to the shooting club, which is located in a different place, closer to our home in Pine Bluff. I sighted in my rifle, again alone. I do know several people who shoot there, but no one was there when I went to practice. I did well with the rifle, my first time to ever sight in a rifle alone.

Even though the weather was mild at that time, it is cold at 4:00 AM. I gathered the gear I thought I would need, and the orange vest and cap, and loaded my truck. Notice I said "my truck". Maurice got a new truck in the summer of '92 and the old truck became "my truck". It sure is fun to have my very own truck, even though I have a car at home in the garage. One of the advantages of using a pick-up truck with a topper on it is that I can take as many things as I want to go deer hunting. A chair, camouflage blankets to drape over me while I sit out in the woods, and a good pair of boots. The rifle and other shooting gear in its case. My license. Most important of all, I take my 2-meter hand held radio on each of those scouting trips and the actual deer hunting day.

On the morning of the opening day of deer season (November 14, 1992) I went deer hunting at the Deer Club by myself. Members do have to sign in at the club house (shack), so some of those men did know that I was out there.

Our two sons and Maurice were out there cheering me on from afar all this time. "Of course, Mother, you can do this all by yourself!" So I did. I arrived at my chosen place, being as quiet as I could be, getting all ready in the dark. I know some of the rules are to be very quiet and sometimes that is very hard. But I was ready and watching before daylight. However, all my readiness and watching were in vain, because I did not see a single deer at all during my trips to the area.

Maurice, our son Mark, and his wife Carol arrived the next week for a ten day stay. Maurice, Mark, and I went deer hunting six times during those days and never saw a deer. Was it fun? Yes!! Also, we had our radios to communicate with each other while we were out hunting.

I am very proud of the fact that our two sons and their wives are amateur radio operators, and I must add, very good ones!

Do you have a Ham story? Let the other club members know the good and the bad. Did your radio save a life?.....help a friend...help you out of a problem situation?....or as in this one,did it make you feel safer?Send your story to the Editor.

NET SCHEDULE

P.A.I.N

146.94 8:00 PM SUNDAY

CLOUD CHASERS

146.92 8:00 PM MONDAY

PANHANDLE TRAFFIC AND EMERGENCY NET

3933 KHZ LSB 00:00 UTC
DAILY

AMSAT

3840 KHZ 9:00PM TUESDAY

S W LYNX NET

146.56 6:00 PM THURSDAY

PAMPA TOP OF TEXAS NET

146.90 8:00 PM WEDNESDAY

FRITCH SIDEWINDERS NET

147.30 8:00 PM TUESDAY

ARES NET

444.2 or 145.35 (T88.5) 8:00 PM
THURSDAY



I FINALLY GOT OUR NEIGHBOR TO GET RID OF
THAT OLD STYLE TV THAT I'VE BEEN BOTHERING
ON 15 METERS!

HAMS ON THE NET

E-Mail Addresses

Looking for information?, need help? or just want to
e-mail a recent contact...the following is a list of some hams!

WA5CBS, KC5PEG: gtwest@arn.net

KA0YOS: ka0yos@arn.net

KA4MKD: bmwbikecrz@aol.com

KC5JIF: dr.biggs@usa.net

KC5OMK: denney@arn.net

N5ZLU: rkerr@fia.net

KM5ER: bcollyer@fia.net

N4BZ: n4bz@fia.net

W5UGQ: msproul@arn.net

W5FBQ: bobhill@arn.net or bohill@fia.net

KC5KCA: dennisg@fia.net

N5TOY: jcyjr@arn.net

N5AE: jbreimund@juno.com

KK5IH: lams@arn.net

W5CKR: w5ckr@juno.com

K5IS: k5is@arn.net

N5IS: bdoerrie@tenet.edu

W5RXC: jwhilHITE@amomega.actx.edu

KC5UUZ: kylevan@arn.net

WA5UUS: wa5uus@mailhost.net

WZ5C: guypigg@elpasonet.net

N5URN: lcarpen@fia.net

WANTED/FOR SALE/TRADE/ INFO NEEDED

Your free message here!

Contact bcollyer@fia.net

Continued From Page 1

through the pass change to 436.790 MHZ for my downlink. This will help compensate for the Doppler shift. Doppler is not as big of a factor on 2 meters and I typically leave my transmitter on 145.850 MHZ. Anyway I caught the Utah station on AO-27. The Rhode Island station was on SAFEX a German radio carried on Mir. SAFEX is a 430 MHZ FM repeater with a 141.3 Hz tone. Listen to SAFEX on 437.950 and transmit to SAFEX on 435.750. Yes that is a minus 2.2 MHZ offset. Most radios will do this, even my old FT4700 doesn't mind too much. There are a lot of radios on Mir along with some active hams from the U.S. and Russia. If SAFEX is off you may find Mir on several other frequencies. There is a digital voice announcement on 437.925 MHZ sometimes, live simplex QSO's (yes, they all speak English) on 145.550 MHZ, and 145.985 MHZ. Sometimes the crew talks duplex where you would listen to Mir on 145.800 and talk on 145.200. The sometimes have their packet system on the two meter frequencies as well. Anyway, I hope I talked you into trying a little satellite activity. If you would like more information check out Amsat at <http://www.amsat.org>, or ask me the next time you see me. 73, Joe ka0yos

73, Joe
ka0yos@amsat.org

(A Special Thanks To Joe For His Excellent 4 Part Series! - editor)

EDITORS BRAIN FRIED, NEEDS A NEW ONE!

Not a new brain, a new editor! The last issue KM5ER will serve as editor will be the August issue. I have enjoyed the activity; however, within the next few months other activities will be consuming most of my time. These include a grandchild, graduate school and a work schedule change that will force me to work 5 days a week instead of the current 4 days a week. I will do everything possible to help the next editor step into an enjoyable phase of the hobby. If you have always wanted to showcase your talent please let Don (KC5EZO) or me know!



The MS Wild West 150 Bike tour is looking for LOTS of volunteer HAMS to help with the tour on August 2nd and 3rd. Lots of FUN, good food and a good cause. If you would like to help please contact Joe Mayfield, ka0yos. You can call 359-5884 or E-mail to ka0yos@arn.net. We desperately need someone to head up this effort as I will be riding. Thanks and

73,
Joe

SHOULD WE HAVE A CLUB STATION?

At the June 3 meeting, the subject surfaced again regarding the advisability of the club sponsoring a club station. The one thing decided upon was that this needs to be settled once and for all. Do we? Or don't we?

I have long been in favor of abandoning the idea of keeping a club station for a number of reasons. They are:

1) From personal experience, I have seen that usage is almost nil when we had a functioning station. The most convenient station we ever had was the one at the Red Cross. It had many advantages. It was centrally located, it had a good antenna and it was accessible on Saturdays. I was down there almost every Saturday for four years; teaching ham classes. In all that time, no more than six people ever used it. The station at the old T.S.T.I. got even less use in spite of the good equipment.

2) It costs money to have a club station. It also costs time. Even if the rent is free or minimal, insurance is a must. Also, there are phone bills, light bills and general upkeep. As an old economics professor pointed out to me years ago; "There ain't no such thing as a free lunch." Somebody pays.

3) Harder to get is (excuse the "C" word) COMMITMENT. If it is going to work, the club must have a station manager who will commit to being on site at specified times on a regular basis. This means being there on schedule or arranging for a stand-in. People are needed to care for the equipment and funds will be needed to keep it in peak operating condition. Where do a station manager and the funds come from?

4) The club owns some nice equipment. The longer it sits unused, the more the value lessens. If we decide against the station, we should do it quickly so we can realize some value upon sale.

From past observation, I conclude that it takes a very large club to have the financial and human resources to support a station. It's a fine idea; but I feel it is beyond our resources. And, with a history of little use in the past, I feel it is not something we need.

Attached to this issue of the Oscillator (Page 6) is a coupon you can cut out and mail in so that it is possible to vote on this issue if attendance is not possible.

If you vote YES, if possible please state if you could volunteer for:

Station Manager
Upkeep and Support
Fund Raiser
Holder of the Station License

The choice is yours.

Dick N5AE

DID YOU KNOW?

VE testing is held 11:00 the first Saturday of each month at the southwest branch of the Amarillo Public Library; 4423 SW 45th Street. For more information contact: griley1@arn.net

146.660 New Repeater Donations

KC5DKQ:\$25

KC5PIM:\$25

KC5QVU:\$8

KC5WHB:\$8

KC5HKT:\$20

N5ZLU:\$20

N5SQK:\$50

KC5OMK:\$25

KC5EZO:\$64

KC5YLM:\$64

AC5MP:\$20

Cap Rock Intertie Coverage

Guymon - 147.15+
444.975+ (136.5 tone)

Gruver - 147.04+
442.0 +(146.2 tone)

Spearman - 147.0+(103.5 tone)

Perryton - 146.82-(146.2 tone)

Amarillo - 444.2+ (88.5 tone)

White Deer - 147.38+(88.5 tone)

Miami - 145.110- (88.5 tone)

Boise City - 147.35+ (123 tone)

Beaver - 145.15+ (114.8 tone)

Canyon - 145.35+ (88.5 tone)

Lazbuddie - 444.925- (88.5 tone)

Muleshoe - 444.925 (88.5 tone)

(Submit corrections/additions to editor)

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PO BOX 10221
AMARILLO TX
79116



03703798 - Individual
CARL JEANS N5YXN
6112 CALUMET
AMARILLO, TX 79106

In This Issue...

Using your \$300 Satellite Station, HAMS on the NET and more!

YOUR VOTE COUNTS

I as a *member* of the PARC vote:

- ☐ YES: We Should Have A Club Station
- ☐ NO: We Should NOT Have A Club Station
- ☐ I am available to volunteer my time to support the club station, Please Contact me!

Your Vote is confidential, Please send to:
PARC , P. O. Box 10221, Amarillo TX 79116

Call sign: