



# THE COMMUNICATOR



Mailing Address: P. O. Box 976, Nokomis, FL 34274

W4AC Repeaters: 444.100 MHz (DMR) & 146.805 MHz (-) (PL100Analog)

Incorporated 1984

<https://www.tamiamiarc.org>

October, 2023

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## President's message ... KN4BAR

**T**he club has a new repeater! Might someday soon become a Yaesu System Fusion Wires-X digital node. Read the full article inside the Communicator.

Big doins in Venice on October 14th with the first ever Amateur Radio Day at the Library. Thanks to Brian, W1JBD, for organizing this, and I hope club members help him to support the special event station -N4V- operation, and in meeting the public to answer questions about amateur radio. Definitely plan to attend this month's club meeting on October 11th. Al, W0AL, will be presenting a fascinating program after the meeting about old time radio. As they say .... if it doesn't glow in the dark; it's not radio!



It's finally cooling off a little and the normal summer rains have not been bad at all. It's time to POTA! Look for an invite from me later in October to attend a Parks On The Air activity that I will host. I encourage other club members who activate POTA in the area to publish your location and operating times on our Groups.io reflector. I'm sure there are a number of wana-be POTA hams out there who would love to pick you brain and see a station in operation.

I really enjoyed the Route 66 special event in early September. Of the 20 city stations that were operating I managed to make 16 contacts. Not the clean sweep that I had hoped for, but still a respectable performance. Next year I'll get 'em all!

ARRL dues will increase in 2024. Everything costs more today than it did yesterday. ARRL costs of operation are no exception. I know there are some amateurs that positively do not support ARRL, or appreciate anything they do for amateur radio. I am not one of them. I think that we 750,000-plus licensed amateurs absolutely need a national organization that can represent us to the public, the FCC, and the International amateur community. Nothing and no one is perfect. ARRL offers many services to the amateur community, and I think we should all support it with our membership dollars. I personally prefer the digital edition of QST; it arrives early every month and I always have it with me on my phone or tablet. And, it's still free too! I hope you will support ARRL with your continued membership.

Please note our new meeting starting time of **6:30**.

**73, Paul, KN4BAR**

***Next Issue***  
**Guest Editors**  
**Tom, W4IEE &**  
**Jack, W1JJR**

**Next meeting 6:30 PM, Wednesday, October 11, 2023 at Venice Presbyterian Church Fellowship Hall, 825 The Rialto, Venice, 34285**

## TAMIAMI AMATEUR RADIO CLUB Minutes of the 9/13/23 Meeting

Elmer assistance hour from 6 - 7 pm for information and mentoring of interested ham radio operators. So we can be better prepared, tell us what you need help with by email to: askemer@tamiamiarc.org

Meeting called to order at 7pm. By Paul, KN4BAR, followed by flag salute.

### INTRODUCTIONS:

Jack McGuire, AE9I, a new member from Venice

Remaining Introductions - Introductions from all remaining people.

**SECRETARY'S REPORT:** Paul, KN4BAR motioned to accept the minutes of the June 14th meeting as published in the August Communicator, 2nd was made by Steve Froggatt, KN4NFX, and was passed by unanimous voice vote.

**TREASURER'S REPORT:** Frank Wroblewski W2XYZ gave summary for the last three periods

	Beginning	Ending
June	24,512.87	25,877.11
July	25,877.11	25,269.11
August	25,269.11	24,953.43

Motion to approve the treasurer's report was made by Nancy, N4ZM, and seconded by Paul, K1YOU. The motion was passed by unanimous voice vote.

### COMMITTEE REPORTS:

**SUNSHINE;** Jim Shortill, KJ4NDO. Steve, NS4P reported that Gary, N5BLV, was improving.

**VE Testing:** The new tablet/digital system is working well. Tom, W4IEE, and Jack, W1JJR, will run the testing in Steve's, NS4P, absence.

**LIAISON TO QCWA;** by Nancy, N4ZM, next meeting October 2, 11AM at Denny's on Bee Ridge in Sarasota.

**REPEATER / TECHNICAL;** Frank Wroblewski reported that the hum, originating in software has been eliminated. DMR net is on Tuesdays @ 7:30 pm. Analog 2M net is Thursdays @ 7:30pm, with 10M net following on 28.460 MHz USB. This net is working well with recent contacts in Arizona and Brazil.

**REMOTE STATION UPDATE;** Frank Wroblewski, W2XYZ, report it is functioning well.

**PIO INFORMATION AND REPORT:** Dwight, KT4DDS, reported that one year ago we had 170 fol-

lowers on FaceBook and today 370. The library display was a success that we hope to repeat at a different library in the near future.

**MEMBERSHIP;** Paul Nienaber, KN4BAR. Paul reported 168 total club members; 145 full members, 6 associate members, 5 first year free members, and 12 life members.

**ANNOUNCEMENTS:** Our annual Holiday Party will be December 6, Plantation Golf & Country Club 500 Rockley Blvd, Venice, FL. More details are included on the club website. [tamiamiarc.org](http://tamiamiarc.org)

John McEnerney, KQ4ELH, will chair the nominating committee for offices and board member for 2024. Election will be held on December 13, 2023. Please contact John if you have an interest in supporting and serving the club. WE NEED YOU!

### OLD BUSINESS

**TARC Club Ham Reference Library;** Brian Jacobson, W1JBD. Brian was cited for his work of writing a grant proposal for funds to purchase (44) ham radio books that are now being distributed to county libraries.

**October 14, Ham Radio Day in Venice,** Special Event Station N4V. Please look for us on 20 meters on Saturday, October 14, 2023 from 10 am to 5 pm Eastern time.

**Solar Power at repeater station:** no progress, too hot to work outside.

**Scholarship:** Steve, NS4P is waiting to hear from coordinator.

**Budget:** Paul, KN4BAR presented balanced budget for 2024. Steve KN4NFX moved to accept, Steve, NS4P 2nd, accepted by show of hands. Anticipated revenue: \$9657, Anticipated expenses \$9657.

**Business meeting length:** Nancy N4ZM proposed starting the meeting 1/2 hour earlier. It was agreed the club would try this for the next couple of months. Meeting start for October will be 6:30 PM on October 11th.

### NEW BUSINESS:

A motion was made to invite the Englewood ham radio club to our holiday party, Paul, KN4BAR will contact them.

Continued >>>>>

# TARC Minutes, continued

Frank, W2XYZ, will make arrangements for a bus to take club members to HAMCATION in Orlando on February 10th.

A motion made by Paul KN4BAR and seconded by Steve NS4P, TARC will become the repeater trustee in North Port as W4AC. There is a \$1200 fund to pay for maintenance.

Our newsletter editor, San Yoder, K3SY, will be away for the month of October. Any info for the Communicator should be sent to Tom, W4IEE, tom@porada.com or Jack, W1JJR, jjr@email.com.

Other new business: None. Comments: None

**ADJOURNMENT:** Moved by Steve KN4NFX, seconded by Hop, AC8NS, motion was passed by unanimous voice vote at 8: pm.

Attendance: Number of members 44. Number of guests 0.

Tonight's Meeting Program: Steve NS4P, wire beam antennas.

Next Meeting Date: Wednesday, October 11, 2023 @ 6:30PM.

Respectfully Submitted, Art Wester K4NUM, Recording Secretary



The TARC Holiday Party for 2023 will be held at the Plantation Golf and Country Club in Venice on December 6, 2023 from 6 PM to 9 PM. If you plan to attend,

please purchase your tickets early at this URL:

[https://tamiamiarc.org/wp-easycart-parent/store/?model\\_number=xmasparty](https://tamiamiarc.org/wp-easycart-parent/store/?model_number=xmasparty)

Address is:  
Plantation Golf & Country Club  
500 Rockley Blvd, Venice, FL

This is the TARC event of the year! Do not miss out. Mark your calendars!



## TARC SILENT KEY MEMORIAL PLAQUE BEING UPDATED

Prez Paul, KN4BAR, and VP Jim, KJ4NDO, exhibit TARC's Silent Key Memorial Plaque at the September meeting. Jim is updating the plaque to include members who have recently become SKs.



## Upcoming TARC meeting programs . . . . .

- October 11 - Evolution of Ham Radio from the 1930s - Al Culbert, K0AL
- November 8 - "File of Life" - Battalion Chief Steve Worobel, Venice Fire Department
- December 13 - No official program - Holiday events

## CHASING DX CQ DX CQ DX....

October 2023

DX Editor: Tony KX1G  
KX1G@ARRL.NET

### Announced Top 100 Most Wanted DXpeditions in October

Dates	Entity/ ClubLog Most Wanted Ranking	Call Sign	QSL info	Comments
Sept 20 – Oct 4	Lord Howe Is #60	Vk9LAA	Via W7YAQ, LOTW, ClubLog OQRS.	160 - 6m Bands; QRV in CQ WW DX RTTY Contest
Sept 1 – Oct 17	East Kirabati #81	T32AZ	TDDX (Daliy DX)	By KH6QJ; HF
Oct 4- 17	Swains Is #27	W8S	Via M00XO; OQRS	HF; CW SSB FT8 RTTY; 6 stations
Oct 10-23	Niue #96	E6AM	LoTW; ClubLog OQRS; LZ1GC	160-6m; CW SSB FT8;
Oct 10 - 30	Tuvalu #55	T2C	LoTW; via DL4SVA	160-6m CW SSB RTTY FT8
Oct 12 – Nov 6	North Cook #63	E51JAN	ClubLog OQRS	HF
Several times during October and November.	Micronesia #90	V62P , V62S, V63CB, V63AH	Multiple QSL managers. Listen for QSL info. LoTW	Multiple DXpeditions; 40-10m; SSB, some CW FT8; 500w
Oct 26 – Nv 9	Temotu #43	H40WA	LoTW; via M0URX	QRV for CQWW SSB contest

Not in the top 100, but still good to work in October – Uganda 5X, Chatham ZL7, Marshall Is V7, and more. Check Announced DX Operations: <https://www.ng3k.com/misc/adxo.html>

### Big month for Chasing DX!!!

#### At least 8 Top-100 and several DX Contests

CW WW DX SSB contest, October 28 and 29.

Oceania CW contest on October 14-15, and Oceania Phone Contest on Oct 7-8.

### Answer to the Question of the Month for September 2023

The question was: If you are operating while visiting another country, one of the two agreements that permit this is called CEPT. What is the other called?

The answer: IARP. which stands for the International Amateur Radio Permit. IARP provides for temporary operation of amateur radio stations in one Member State by persons holding IARP permits issued by another Member State without need for further review. When operating under either CEPT or IARP you must follow the country's rules and regs. What makes this easy for us is that US Hams enjoy both

IARP and CEPT reciprocity. Be certain it is a Member State before you operate.

### Station tip

October is a good time to check that antenna and make preparations for Fall and Winter DX.

### Frequency tip

October also a good time to study and upgrade your license. Lots of good DX in the Extra portions of the bands.

### Question of the Month for October 2021

How many ways are there to QSL? I will give you two. Direct and via a BURO. Never heard that term? Time to check it out.

73 and Good DX! KX1G



# Of Nixies, LEDs, Numitrons, & VFDs

by Tom K70NE

As a kid growing up in the 60's and 70's I was always fascinated by clocks and electronics. Imagine my amazement when LED's and seven segment displays became available! A fascination of display types has stuck with me over 'time'. The first digital clock in my collection was a \$15 kit-built LED clock with giant 0.3" numerals. The year was 1976, and it still works today. For a time base, it uses the 60 Hz line frequency.



My first digital clock - Circa 1977

Numitrons and Nixies – Prior to LED's, numitrons and nixies ruled the digital display world. Numitrons are segmented displays where various segments are lit to display a number or letter. Some numitrons are low voltage devices where segments are an incandescent glowing wire. Others are high voltage neon tubes. Many styles and shapes of neon displays were still used into the 80's and 90's on pinball machines.



Nixie tubes are different in that each numerical digit is a separate metal silhouette stacked within the

tube with some spacing between them. Voltage is applied only to the digit to be displayed. The illuminated digit is easily seen through the stack of digits in front of it.

A major addition to my collection occurred in 1977. During a visit to the electronics junk stores on Canal St. in NYC I spotted some huge neon numitron tubes (B7971). These tubes came off the NY Stock Exchange where they were used to display the moving stock ticker. At the time I paid \$2 each for a batch of them. If you can find one today it will cost you over \$200.



In the June 1973 Playboy magazine there was an advertisement for a "Four-letter Word" clock using these tubes. (It displays four letter words at random. The ad was doctored to show the specific text...) Only 60 units were made.

**FOUR-LETTER WORD**  
 It's the ultimate kinetic sculpture—an 11"x 5" Plexiglas box that blinks out four-letter words at random from a library of 8000 possibilities on readout tubes. And you just sit there, waiting for you-know-what to appear. Viewing speed can be adjusted from one to 120 words per minute, says its creator, Milwaukee artist Raymond Weisling, who heads Polymedia Electron Arts, P. O. Box 5621. The price is \$195 postpaid. Darn dear, that cost.

For several years I was distracted by girls and college and did nothing with my tubes. Then by chance in the 80's I came across a Heathkit clock with neon digits at a flea market. It worked great at driving the big tubes! A couple of revisions have occurred since then and I now have one clock, one four letter word clock.



The remaining single tube was used to make a single tube clock.



The Nixie flood – It seems under communism there is no law of supply and demand to control the market for things. So when the Russians built a factory to produce >>>

## No Nix on Nixies, continued

tubes, it just kept producing and filling up warehouses despite there being no need for them.



When Russia opened up in the 90's, industrious Russians found a market on eBay and flooded it with nixie tubes (among other things). They were very inexpensive and it

caused a resurgence in the "tube hobby". Prices have increased significantly lately as the supply dwindles.

VFD's – Vacuum fluorescent displays (not variable frequency drives) have been used in everything from calculators to car dashboards. They operate at lower voltages than neon, but higher than LED's. Their mode of operation is different from a nixie in that "each tube in a VFD has a phosphor-coated carbon anode that is bombarded by electrons emitted from the cathode filament" similar to a triode vacuum tube. For me, noth-

ing beats the warm orange glow of a neon tube. While I don't like the look of VFD's, I did make a couple of clocks from VFD's reclaimed and rejuvenated from pinball machines.

The look of tube clocks is so popular there are now fake tubes! A relatively new player in the field is tube encased individual OLED displays used to mimic nixies as well as provide a variety of fonts for display. Warning! - If you go shopping after reading this, read descriptions carefully to make sure tubes are included.

Well, my clock says it's Miller time.  
**73, K71.**

## TARC acquires a new repeater

**W**ell, it's really the old North Port Amateur Radio Club's 2 meter repeater; but it is new to TARC as a W4AC repeater.

When the North Port club dissolved in August they canceled their club call sign (K4NPT) and donated all of their cash and equipment to a local, nonprofit, community radio station. At our club meeting in September, members approved becoming the trustee for this repeater. With the help of Steve, NS4P, we have notified the appropriate coordinators and repeater book publishers of the new custodial arrangement for the repeater. The repeater has been reprogrammed and now identifies as W4AC.

The physical location of this repeater is [12737 Tamiami Trl, North Port](#) at the KDWR community radio station. It is currently operating as an analog FM repeater on 147.120 Mhz (+) 136.5 Hz PL tone at an elevation of approximately 80 feet. Some of the former North Port club members have an informal net on this repeater on Monday evenings at 7 pm. I encourage TARC members to join in if in range of this repeater and say hi to our North Port amateur neighbors.



Future plans are to convert this repeater to a C4FM, Wires-X node repeater, and to operate it in dual mode (FM/C4FM) if possible. This will require some new hardware, a computer, and an Internet connection

that are being looked into now. The repeater only operates at 20 W now but is capable of 50 W if some tuning is done on the duplexer. It uses LMR-400 for feedline and really should have hardline for better efficiency. Steve is working on a cost proposal to the radio station for these improvements and for better grounding of the station mast/antennas. There are some funds from the old North Port club available to accomplish some, most, or all of this work. Details should be available by our next club meeting.

Some have suggested linking this new repeater to our current repeater.

That would be a waste of time and resources. Our current .805 repeater has a coverage area of more than double this new repeater, and completely overlaps it. The main attraction of this new repeater is the possibility of adding C4FM mode service and a Wires-X node to our club's services.

**73, Paul, KN4BAR**



# An Unscientific Study of A Magnetic Loop Antenna

by Frank,  
W2XYZ

Prior to Jesse Snyder (KW4IT) becoming a Silent Key, he gave me a couple of items. One of them is a MFJ-1788 Magnetic Loop Antenna. Over the past few weeks I've done some testing with it and I'd like to pass along my results, especially to those of us with HOA antenna restrictions.

First of all, this antenna is made by MFJ Enterprises and sold under the model number of MFJ-1788. It covers 40m, 30m, 20m, 17m, and 15m. It's a twin to the MFJ-1786, which does not work on 40m, but is able to operate on 12m and 10m, which my antenna does not. What is particularly nice about both models is they are rated for 150 watts of rf. That is considerably more than other brands such as Precise RF, Icom, Alpha antennas, etc. which are usually in the low power (20-25 watt) range. It is possible to buy mag loops that work up to 1.5 kw, but you will spend more for it than most would spend for an expensive radio.

A clear disadvantage of all mag loop antennas is its sharp resonance. Because of this characteristic, it's necessary to retune the antenna every time you change frequency. If you think, "The SWR seems a little too high, I'll just knock it down with my tuner." Wrong answer, as that won't help. The tuner will keep your transmitter happy, but it does nothing to improve the quality of your send or receive signal. Bottom line, you must retune very frequently. Because frequent tuning is important when changing frequencies, an easy way to retune is very important. More about that later.

Just how frequently is frequent retuning? I found a calculator online from 66pacific.com that determines values for a mag loop with dimensions of the MFJ-1788. Other data the calculator provides is the efficiency of the antenna at different frequencies. Check out the table below:

Freq	Efficiency	Bandwidth
7.1	13%	4.39 kHz
10.1	34%	6.9 kHz
14.1	63%	14.4 kHz
18.1	80%	30.7 kHz
21.1	87%	51.9 kHz



The first thing that pops out is the antenna seems to be very inefficient on 40m. That is like transmitting

13 watts on 40 meters into a perfect dipole. Admittedly, 13% on 40 meters isn't very impressive. Then again we HOA-Hams use compromised antennas all the time, probably not better than 13% on 40m. Another drawback is the bandwidth on 40m is also so narrow that if you QSY just a couple of kHz you will have to retune the antenna.

The good news is, the efficiency of loops increase as you go up in frequency, and the bandwidth also gets wider. Another good characteristic about magnetic loops is they are less susceptible to noise, which is generally electrical in nature. Magnetic loops are said to be directional, but this is barely true. The width of the null is only 15 degrees wide broadside to the loop. The beam of radiation is 165 degrees in either direction of the plane of the loop.

Numbers can be deceiving and actual testing is more meaningful than a page full of numbers. I did testing at my QTH, both indoors with the antenna in my living room, and outdoors with the antenna in a flowerbed behind my house. Outdoors was better than indoors, but using this antenna indoors is not a deal-breaker. For me, it worked nearly as well indoors as it did planted in my flowerbed. In both cases, the bottom of the loop was about 4 feet above the floor/ground. I don't know if it would have been better or worse at different heights. I think if you had it high enough to clear surrounding structures, the signal would be improved.

At home, my regular antenna is an off-center-fed 40m dipole with the center insulator up about 25 feet and one end at 20 feet and the other end about 15 feet. It certainly is not the best antenna in the world, but it works reasonably well for me on all bands (with the help of a tuner in the shack). I used the ARRL code practice session as the source of rf to measure between antennas.

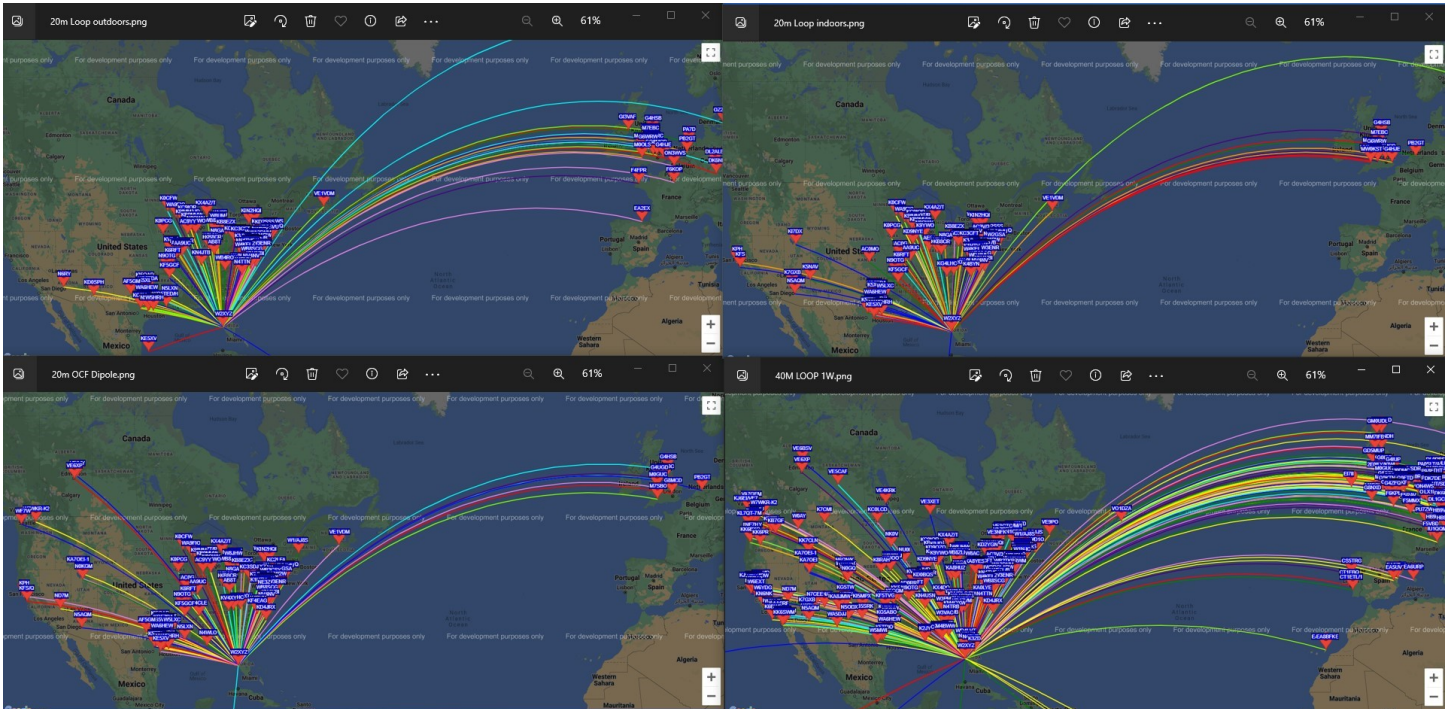
With the loop in the flowerbed, my dipole outperformed the loop on 40 meters in signal strength but was hard to copy the ARRL because of static crashes. The loop had a reading 3-4 S units lower than the dipole, but was perfectly readable due to the lack of atmospheric noise. Twenty meters was different, since atmospheric noise wasn't present. Both antennas received equally well with the same signal strength. The dipole worked a little better on 17m than the loop by about 1 S unit.

Continued >>>



## More Mag Loop de Loop

I would have thought the loop would be better or at least equal, but the dipole won this time. Why that is that way, I don't know. Another tie on 15 meters, both antennas yielded the same results. I conclude, for 20m and above, the loop worked as well as my OCF dipole.



Someone, a long time ago said (possibly said by Alley Oop) that a picture is worth a thousand words. Shown above is a composite picture worth approximately 4 thousand words in today's economy. Using the mode WSPR, I transmitted with 1 watt on 20 meters for 30 minutes each time. The transmissions are separated by about 45 minutes each time. They show who is hearing me or being heard by me with the MFJ loop antenna in my flowerbed, living room, and my 40m OCF dipole up in a tree.

The differences between all three are not that great and some things like who is listening at the time and propagation conditions vary from test to test. What the picture truly represents is not which antenna or location is best, but rather the loop is a formidable challenger to my dipole antenna. As a bonus (no extra charge) I also included a screenshot of how the loop did outdoors overnight on 40 meters. Incidentally, don't get excited thinking with this antenna and 1 watt you'll be working the world. Remember, I was using WSPR and not CW, or SSB, or even FT8. For these other modes, 100 watts would be a much better

choice.

As promised, now to discuss tuning a magnetic loop antenna. I have experience using a Precise RF mag loop and an Alex loop. Both antennas worked very well and are good for portable (POTA) operation. The

MFJ models are not easily transportable and are designed for a more permanent placing. The Precise and Alex loops I used had a power limit of 45 watts SSB and 20 watts respectively and both were tuned manually by turning a knob on the bottom of the loop until you hit the 'sweet-spot' giving minimal reflected power. This works fine if the antenna is near your radio but is virtually impossible to do if the radio is indoors and the antenna outside.

MFJ models work differently, as they are tuned remotely. A control box with a meter, LEDs, and buttons are placed near the radio. It applies 12 volts to the coax which drives a stepper motor in the antenna assembly. You generate a little rf (like a watt or so) and press either the UP or DOWN fast button. A yellow LED illuminates and extinguishes when you are very near the 'sweet-spot'. You release the fast button and either a red or green light directs you to use either the slow UP or slow DOWN button while you watch the reflected power on the meter. It's not hard to do, but takes a minute or two to accomplish. Not exactly a fun thing if you like to hop around bands >>>>>



## Mag Loop Study, conclusion

or frequencies. However...if you often use the FT8 mode, retuning is only necessary when changing bands.

In conclusion, if you live in a HOA community, you should move (you might want to check with your spouse about moving before you sell the house). If moving is not possible, using a magnetic loop anten-

na is a good alternative, especially if you often operate digital modes. A mag loop will not work as well as a resonate dipole mounted the recommended height about a good conductive ground but it's a better choice than attic antennas and similar compromised radiators.

*Frank Wroblewski, W2XYZ*



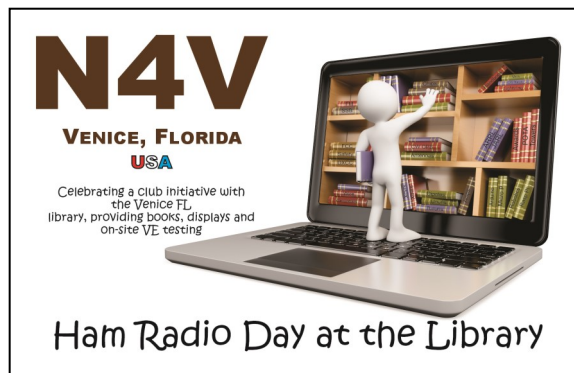
# Ham Radio Day at the Library by Brian W1JBD

## To All TARC Members:

Ham Radio Day At the Library will be held on Saturday, October 14 at The William H. Jervy, Jr. Library (Venice Public Library). TARC will be operating a Special Events Station (N4V) commemorating our donation of ham radio related books to the Sarasota County Library System. We will have two stations, one working SSB and the other on CW.

Thanks to all who have volunteered to help with the setup, station operation, and teardown and repacking. Set-up will begin at 7:30 AM and must be completed by 10 AM. Operation is scheduled from 10 AM to 3 PM after which we will tear down and repack. A copy of

the sign-in sheet that was initiated at the September meeting has been placed on the TARC website at <https://tamiamiarc.org/events/event/3542/>.



If you would like to add your name as a last-minute participant on that day please contact me via email at [Librarian@tamiamiarc.org](mailto:Librarian@tamiamiarc.org) and let me know what you can do. I will confirm via email to you.

Dwight Sullivan, KT4DDS, the club's public information officer, has done a great job of promoting this event in the media, and

we are hoping to have a good turnout of those who want to learn about ham radio using books that we have donated to the library system.

*73, Brian, W1JBD*

## Tom, W4IEE and Jack, W1JJR to co-edit the November issue of "The Communicator".

If you check the TARC website and count the number of issues of "The Communicator" churned out by your current editor, you will find this is the 75<sup>th</sup> consecutive issue without a break. That string is about to be broken. [Plus, there is no way I will be able to break Jack, W4JS's record of 16 or 17 years as editor.]

Since I will be on an extended road trip from September 29<sup>th</sup> until October 24<sup>th</sup>, and will be hard-pressed to put together an issue while driv-

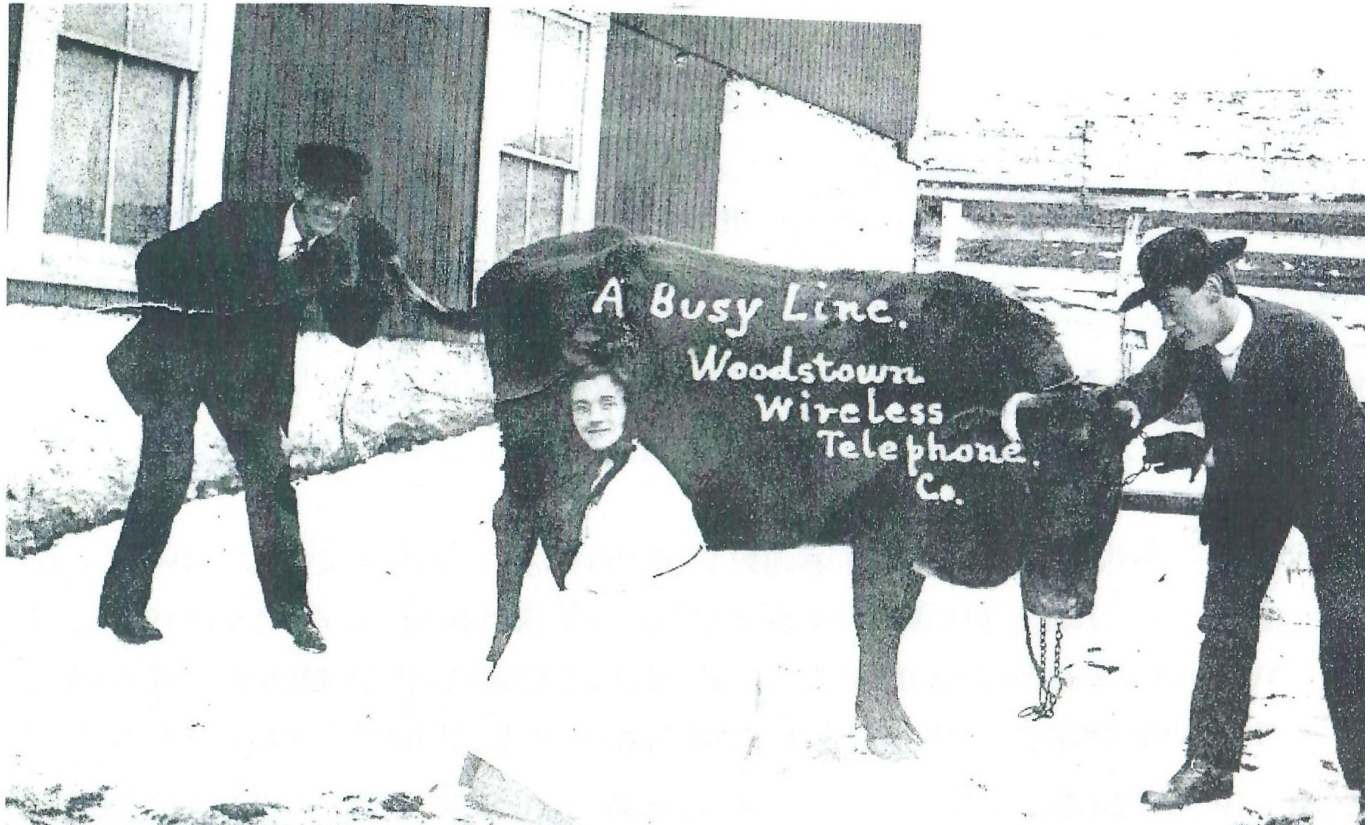


ing, I have prevailed upon Tom, W4IEE, and Jack, W1JJR to co-edit the November issue. I'm sure they will do an exemplary job.

The best thing that may happen is we find a replacement editor or editors with new ideas and a new perspective. I am hoping to retire from editing by the end of 2024. All resumes for the job will be welcomed with open arms!

*73, San, K3SY*

# Spurious signals . . . . .



“A BUSY LINE”

CALVIN LAYMAN, MAGGIE LAYMAN, WESLEY YODER

**L**est you think the family of K3SY is a “Johnny-come-lately” in the wireless communication field, here is a photo proving otherwise. The gentleman on the right speaking into the “earpiece” of the Woodstown Wireless Telephone Co. is Wesley Yoder, my grandfather, who was born in 1884. The photo is ca. early 1900.

I think the gentleman on the left listening at the “tail-end” is my great-uncle, and the woman probably my great-aunt. I suspect the signal report was five by nine. *de K3SY*

## Reward Offered!

**A** reward of 500 microfarads is offered for information leading to the arrest of the desperate criminal Hop-A-Long Capacity. This unrectified criminal escaped from a primary cell where he had been clamped in ions, awaiting the gauss chamber. He is charged with the induction of an 18-turn coil named Millihenry, who was found choked and robbed of valuable joules. He is armed with a carbon rod and is a potential killer. Ca-

A blast from the past .....

From the Dec. 2005 Communicator

capacity is also charged with driving a DC motor over a Wheatstone bridge and refusing to let the band pass. If encountered, he may offer resistance. The electro-motive force spent the night searching for him in a magnetic field, where he went to ground. They had no success and believe he returned Ohm via a short circuit. He was last seen riding a megacycle with his friend Eddy Current, who was playing a harmonic.

(Courtesy of Al Bry-W2MEL)



# ~ October, 2023 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 <i>Breakfast @ Peaches 6 - 7 AM</i> # DMR net 7:30 PM	4 ~ Virtual breakfast via ZOOM 10 AM	5 * 2 meter net 7:30 PM followed by + 10 meter net	6 <i>Breakfast @ Perkins 9A</i>	7 <i>Breakfast @ DAV 9:30 A</i>  BOD 1P
8	9 <i>DARN net 11:00 AM Starts on NI4CE/rpt 145.43 pl100</i>	10 <i>Breakfast @ Peaches 6 - 7 AM</i> # DMR net 7:30 PM	11 ~ Virtual breakfast <b>TARC MTG 7:00 PM @ Venice Presbyterian Church</b>	12 * 2 meter net 7:30 PM followed by + 10 meter net	13 <i>Breakfast @ Perkins 9A</i>	14 N4V 10A—3P <b>TARC VE session @ Venice Library 10 A</b>
15	16	17 <i>Breakfast @ Peaches 6 - 7 AM</i> # DMR net 7:30 PM	18 ~ Virtual breakfast via ZOOM 10 AM	19 * 2 meter net 7:30 PM followed by + 10 meter net	20 <i>Breakfast @ Perkins 9A</i>	21 <i>Breakfast @ DAV 9:30 A</i>
22	23	24 <i>Breakfast @ Peaches 6 - 7 AM</i> # DMR net 7:30 PM	25 ~ Virtual breakfast via ZOOM 10 AM	26 * 2 meter net 7:30 PM followed by + 10 meter net	27 <i>Breakfast @ Perkins 9A</i>	28 <i>Breakfast @ DAV 9:30 A</i>
29	30	31  <i>Breakfast @ Peaches 6 - 7 AM</i> # DMR net 7:30 PM	~ See Groups IO for ZOOM sign-on			

# DMR net on W4AC UHF repeater - 444.10 MHz - Talk Group 310442  
 \* 2 meter net on W4AC VHF repeater - 146.805 MHz, (-), PL 100 or W4AC-R EchoLink  
 + 10 meter net on 28.460 MHz +/- 10 MHz (depending on band activity) immediately following 2 M net.



**THE COMMUNICATOR** is a publication of the Tamiami Amateur Radio Club (TARC). It is published monthly; except during the summer months, the July and August issues will be combined. The Communicator is forwarded to all members via e-mail, and is available for viewing on the club's web site - [www.tamiamiarc.org](http://www.tamiamiarc.org) - Webmaster - Paul Nienaber, KN4BAR.

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Articles of general interest to club members are solicited and welcomed. Please submit photos and/or copy (preferably in Word) to : [k3sy@arrl.net](mailto:k3sy@arrl.net). 73, San

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TARC web site: <http://www.tamiamiarc.org>

Contact: Secretary, Art Wester, K4NUM - [secretary@tamiamiarc.org](mailto:secretary@tamiamiarc.org)

