



THE COMMUNICATOR



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

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

Incorporated 1984

<http://www.tamiamiarc.org>

December, 2021

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President's message.....NS4P

We are coming to the end of 2021 and I hope that we can agree that Tamiami Amateur Radio Club had a pretty good year. While this year has been challenging for all of us, we have been able to restart our social gatherings and membership meetings and it has been wonderful to see all the familiar and new faces. I hope to see many more of you at our upcoming Holiday Party! (Full information on page 10 in this issue).



In addition to our social events, we had several very successful operating events. TARC participated, both on a virtual and in-person basis, in Winter Field Day, the Shark Tooth 10K, Florida QSO Party, ARRL Field Day, Scouting Jamboree On The Air, a combination Parks On The Air/Lighthouses On The Air/Islands On The Air weekend as well as the fabulous TARC Antenna Expo.

TARC continues to hold three on-air nets weekly, enabling our members near and far to get their rigs fired up every week. It's interesting to see the improvements in signals as our members experiment with new radios, antennas, and hot spots. TARC members have also been a presence at most of the local hamfests (we are easy to pick out in our snazzy green shirts!).

TARC also significantly upgraded our 2 meter analog and 70 cm digital repeater systems for improved performance and reliability. The TARC 2 meter repeater is now poised to be a vital link for emergency communications in southern Sarasota County.

The TARC VE Team was one of the few teams in this area that managed to hold regular license exam sessions through all of 2021 despite losing access to our regular testing site. The TARC VE team has upgraded their processes to streamline the paperwork, enabling candidates to get their license in two working days! The sessions are now back at the Venice Library and are humming along smoothly.

On a sad note, I want to acknowledge the passing of some of our members in the last year. Bill McPartland WA2HGU, Joe Wyatt, K2SQM, Joy Klapp N2WUD, and Jerry Spears W9PB became Silent Keys in 2021. Each was a vital member of our club and we miss them dearly. Our thoughts are with their friends and families during this holiday season. Rest In Peace.

Finally, I am looking forward to a great 2022. Hopefully we have the worst of the pandemic behind us and we can continue to enjoy our club events as well as the big national events such as Hamcation and Hamvention. Happy Holidays to you and yours and Happy New Year to all.

73, Steve

Next Month
Holiday Party
Report

**Next meeting 7:00 PM, Wednesday, December 08, 2021
at the Coast Guard Auxiliary Training Center, 1200
South Harbor Drive**

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 11/10/21 Meeting*

The monthly club meeting was called to order at 7:00 PM by President Phillips, NS4P. The pledge to the flag followed. Introductions were made by name and call sign. The club welcomed new members Jack Rienks, KO4TYJ and Don LaRobardiere, KO4TYM, both newly licensed Technicians from Englewood.

MINUTES: Steve, NS4P, requested a motion to accept the minutes of the October 13, 2021 meeting as published in The Communicator. Motion was made by Chet Fennell, KG4IYS, seconded by Jesse Snyder, KW4IT, and approved.

CORRESPONDENCE: The club received one QSL card, which will be handled by Jack Sproat, W4JS.

TREASURER'S REPORT: Treasurer Frank Wroblewski, W2XYZ, reported a beginning balance of \$14,852.72, receipts of \$307.00, reserve fund contribution of \$167.00, expenses of \$610.02, and an ending balance for the month of October of \$ \$14,716.70. Motion was made by Steve Froggatt, KN4NFX, seconded by Tom Zirolli, N2UD, and the Treasurer's report was approved.

COMMITTEE REPORTS:

SUNSHINE: Jim Shortill, KJ4NDO, reported Paul Nienaber, KN4BAR, is recovering from heart surgery. Recently, Paul and Patty were married by Tom Porada, W4IEE - at the Venice Bayshore Cardio Unit Chapel. The club wishes Paul a speedy recovery and the couple wedded bliss.

VE TESTING: Steve, NS4P, announced the candidates that have signed up for the November VE session were emailed the newly created fillable PDF of the various ARRL forms. The candidates will bring to the session the completed PDF forms making the examiners job easier in deciphering handwriting. Many thanks go out to Tom Shrilla, W8QJF, and Tom Porada, W4IEE, for all their work on the fillable PDF form.

LIAISON TO QCWA: Al Culbert, K0AL, stated that 19 people attended the QCWA lunch where he presented "The History of S.O.S.". Nancy Heinrich, N4ZM, is the newly elected president of the local QCWA that meets at Denny's on Bee Ridge in Sarasota on the first Monday of every month.

REPEATER / TECHNICAL: Frank, W2XYZ, reported the repeaters are working fine. The digital net is held on the club 444.100 DMR repeater using Talk Group TAC 315. The digital net opens Tuesdays at 7:30

PM. The club 2m analog repeater frequency is 146.805 MHz (-) PL 100. The 2m net operates Thursdays at 7:30 PM. Hams can participate on the analog net via EchoLink using a computer, an iPhone, or an Android system-based phone. Click on W4AC-R (Node 513309) on the EchoLink directory screen to establish EchoLink contact. The 10m net is on frequency 28.460 MHz, Upper Side Band, and begins immediately after the conclusion of the 2m net.

Tom Wilson, W1ICU, continues to host via Zoom a Virtual Breakfast gathering on Wednesdays at 10:00 AM. For details, please refer to the Groups.io site.

MEMBERSHIP: There are now 119 regular members, 18 first year members, 5 associate members (no call sign), 10 life members, and 1 comp for a total membership of 153. All members are listed on the Members Only page on the TARC website.

OLD BUSINESS: 1. Repeater Maintenance Team Update. Chet Fennell, KG4IYS, informed the membership the guys will be working on the tower on November 11. They will install 2.4 & 5 GHz AREDN antennas and a solar tower light, replace existing VHF coax with hard line, re-tension the guy wires, and remove the old coax. The lease agreement for the repeater site has been signed and delivered. The club would like to thank Chet for his gracious donation to fund the \$4800 tower work.

2. Remote HF. One Call has been notified to mark out the repeater site so we can dig a trench to install feedline to a new AV680 vertical antenna for the remote HF station.

3. AREDN Link. Radios have been pre-programmed for the AREDN link. Soon you can try to access the network by connecting to the mesh network using a nanostation for about \$89.

4. Boy Scout JOTA. Jim, KJ4NDO, mentioned the Boy Scouts were very appreciative of the support they received for the Boy Scout Jamboree. The second pavilion location was much better and we will use that in the future.

5. Antenna Expo. Tom Babcock, KN4ONE, will send out a note reminding members of the antenna expo on November 13 at noon.

6. Holiday Party. Jim, KJ4NDO, said the holiday party will be on December 14 at Left Coast Seafood. You must pre-order and pay by December 8. Dinner in-

Continued >>>>

TARC Minutes, continued

cludes salad, entrée (Parmesan encrusted tilapia, chicken piccata, prime rib, or vegetable stir-fry), bite-size desserts, non-alcoholic beverages, tax, and gratuity. The cost is \$27 (\$28 if using PayPal) per person.

NEW BUSINESS: 1. San Yoder, K3SY, and Andy Durette, KB1HIP are the Elections Nominating Committee. If you're interested in being an officer or a director, please contact the committee. Elections will take place at the December 8 meeting.

2. Al, K0AL, presented a \$670 donation from Diana Spears, XYL of Jerry W9PB (SK). Diana requested Al and Bob Schneider, W5GJ, to sell Jerry's gear and in return she donated the money back to the club.

3. Frank, W2XYZ, will organize a bus trip to Hamcation on February 12, 2022. More details will come in the upcoming months.

ADJOURNMENT: Steve, KN4NFX, made the motion to adjourn the meeting, Fred Zimmerman, K9WRH, seconded, and the membership adjourned at 8:06 PM. There were 32 members at the meeting. The 50-50 winner was Tom Wilson, W1ICU, who won \$32.00 and graciously donated his winnings back to the club.

Program: Tom Babcock, KN4ONE, organized a club social since our last in person meeting was March 11, 2020.



“Hide not your Talents, they for Use were made. What’s a Sun-Dial in the shade!” - Poor Richard’s Almanack, 1750



MEMBERSHIP RENEWAL
Annual Dues

IT'S TIME TO PAY YOUR DUES

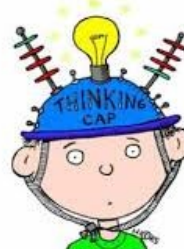
Get the picture?
It's that time of year again. Don't miss out on all the fun at TARC. Please refer to page twelve for all the details of our dues schedule. Regular members have a three-month window to scrape together the \$20.00 to keep their membership current. The grace period for forgetfulness expires at the end of February.



PAY DUES



Midday Madness Toastmasters on Reasons to Pay Your Dues



DX Jack's page

By Jack Sproat, W4JS



MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

| CURRENT and/or SCHEDULED DX ACTIVITY | | | | | | | | | | |
|---|-----------------|------------|---------------------------------------|-------|-------|-------|-------|-------------|-------|-------|
| COUNTRY – CALL SIGN | ACTIVITY PERIOD | BEAR-ING | HF BANDS and BEST OPENING TIMES (UTC) | | | | | | | |
| | | | 80 | 40 | 30 | 20 | 17 | 15 | 12 | 10 |
| Rodriguez Is - 3B9FR, CW & FT8 | Active Resident | 84 | NO | 23-01 | 22-02 | 20-24 | 17-23 | 15-22 | 14-19 | 14-16 |
| Norfolk Is – VK9DX, CW | Active Resident | 250 | NIL | 07-12 | 06-13 | 13-15 | 14-21 | 1400 | 20-23 | NIL |
| Corsica – TK5MH, CW/SSB/RTTY | Active Resident | 50 | 22-07 | 21-09 | 20-01 | 14-18 | 12-17 | 13-16 | 14-15 | NO |
| Nepal – 9N7AA by S53R (ex-T6AA) | Now to ??? | <u>193</u> | NO | NO | NO | NO | NO | <u>1500</u> | NO | NO |
| Egypt – SU9VB by UA4WHX, CW/SSB | Now to ??? | 54 | 00-03 | 21-06 | 20-07 | 20-24 | 12-16 | 13-15 | NO | NO |
| Namibia – V51WH by DK2WH, CW/SSB | Now to 31 Mar | 107 | 01-02 | 22-05 | 21-06 | 19-07 | 18-23 | 16-23 | 12-21 | 13-17 |
| Antarctica – 8J1RL, CW/FT8 | Now to 31 Dec | 158 | NO | NO | 23-04 | 1200 | NO | NO | NO | NO |
| UK Bases in Cyprus – ZC4GR, casual FT8 | Now to 31 Dec | 48 | 00-03 | 21-06 | 20-07 | 1200 | 13-15 | 13-15 | NO | NO |
| South Shetlands – DT8A by DS4NMJ, CW/F | Now to 31 Dec | 169 | NO | 01-07 | 01-08 | 23-06 | 21-05 | 20-23 | 13-22 | 16-21 |
| Bhutan – A52CC by HB9DVG, SSB/FT8 | Now to 16 Dec | <u>189</u> | NO | NO | NO | NO | NO | <u>1300</u> | NO | NO |
| India – VU2ABE by AB1F, SSB | Now to 18 Dec | 21 | NO | NIL | 00-02 | 12-13 | NO | NO | NO | NO |
| Minami Torishima – JG8NQ/JD1, CW | Now to 15 Dec | 308 | 09-11 | 06-13 | 06-14 | 2000 | 20-24 | 21-22 | 21-22 | NO |
| Mali – TZ1CE by DK1CE, CW/SSB/FT8 | Now to 08 Dec | 85 | 23-07 | 21-09 | 20-05 | 17-24 | 14-23 | 12-21 | 13-19 | 14-16 |
| Somalia – 6O1OO by EP3CQ | Now to 07 Dec | 69 | NO | 23-03 | 22-04 | 19-24 | 17-22 | 14-21 | 13-16 | 14-16 |
| Tanzania – 5H3WX by OK2WX, CW/SSB | Now to 06 Dec | 81 | NIL | 23-03 | 22-03 | 20-24 | 18-22 | 18-22 | 13-19 | 14-15 |
| Bahrain – A95ND, Nat'l Day SES, team op | 01 to 16 Dec | 44 | NIL | 22-04 | 22-05 | 1200 | 12-15 | 13-14 | NO | NO |
| Zimbabwe – Z22O & Z21A, CW/SB/FT8 & 4 | 02 to 15 Dec | 99 | NIL | 23-03 | 22-05 | 20-01 | 18-23 | 18-22 | 14-20 | 13-18 |
| Kenya – 5Z4/HB9DSP, SSB, some FT8 | 02 to 16 Dec | 77 | NIL | 23-03 | 22-04 | 19-01 | 16-23 | 13-22 | 13-20 | 17-18 |
| Burkina Faso – XT2AW by DF2WO, all mod | 03 to 20 Dec | 83 | 23-05 | 21-08 | 20-08 | 18-01 | 16-23 | 12-22 | 13-19 | 13-17 |
| Bangladesh – S21DX by 3 ops, SSB | 16 to 22 Dec | <u>188</u> | NO | NO | NO | NO | NO | <u>1300</u> | NO | NO |
| Bouvet Is – 3Y0I, team op (tentative dates) | 25 Dec – 25 Jan | 142 | NIL | 00-04 | 23-05 | 21-06 | 20-23 | 19-22 | 13-15 | NIL |

Prepared 29 November 2021 based on <https://www.ng3k.com/>, *The Weekly DX* 21-42, and the *Ohio/Penn DX Bulletin* No. 1541.

Notes: Times shown are for S-5 or better signals and 50% opening probability. ??? = Call Sign or Date not yet known; ++ = Mostly SSB; ** = Mostly CW; NO = No Opening forecast, NIL = band is open but signals below S-5 threshold. Long Path bearings and opening times are underlined. All forecast opening times are calculated using VOACAP <http://www.voacap.com/hf/>.

-- NOVEMBER SOLAR ACTIVITY --

From 01 through 29 November, the 10.7 cm Solar Flux ranged from 78 to 98, with a mean value of 85.8. The A_p index was ≥ 7 on 18 days during that period. Sunspot regions were visible every day, varying from one to three groups. There were 17 C-class and two M-class solar flares on nine days during the period.

-- DECEMBER FORECAST --

Solar activity is expected to be very low to low throughout December.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 10-12 Dec and 20-23 Dec due to recurrent CH HSS influences. Normal to moderate levels are expected for the remainder of the month.

Geomagnetic field activity is expected to exhibit unsettled to active levels on 03-05 Dec, 12-14 Dec, 17-18 Dec, 26 Dec and 30-31 Dec due to influences from recurrent CH HSS activity. Quiet to unsettled levels are expected for the remainder of the month.

The solar flux should range from 78 to 94, and average 85.1 for the month of December.

(From *NOAA Weekly Highlights and Forecasts*, 29 November 2021, *NOAA 27-day Space Weather Outlook Table*, 29 November 2021, and

45 Day AP Forecast, USAF, 29 November 2021.)

-- NOT DX, BUT DE EQUINE --



Yuli and I observed my 89th Birthday with some great saddle time on the Cross Florida Greenway, and crossing the Land Bridge over I-75.

-- PIRATE ALERT --

A few sources are reporting that Zorro, JH1AT, has contacted the Myanmar Government about the XZ7A station, and was told that the XZ7A has not been given a permit/license. So the XZ7A station is definitely a PIRATE. (From OPDX #1542)

-- DECEMBER CONTESTS --

Lots of December contests, but two of interest: ARRL 10-meter Contest 0000Z, Dec 11 to 2400Z, Dec 12. For FT8ers, there's the FT Roundup 1800Z, Dec 4 to 2359Z, Dec 5. See respective web sites for rules.

Antenna Expo a Big Success

Plenty of equipment assembled, displayed, and tested

There was free stuff, and pretty stuff,

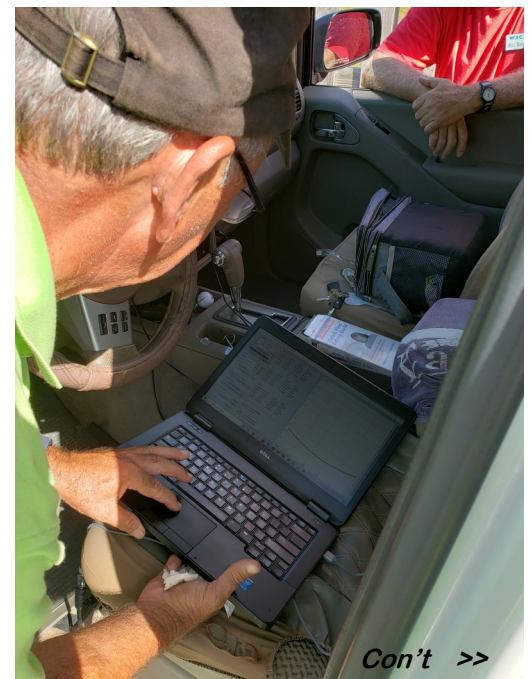


and mag-loops, and verticals and J-poles galore

People watching some real operating stations on the air



And computers on the floor



Antenna Expo, continued

There were quagis and yagis



And home-brews under test



And store-bought contraptions



With everyone hoping theirs turned up the best!



Meet the candidates

The TARC December elections are upon us. At the December meeting we will elect officers to guide our club during 2022. The offices of Vice President and Secretary will be vacant. A slate of candidates will be presented, plus nominations from the floor will be accepted, provided those nominated have agreed to serve.

We have a candidate for Vice President, but no one has agreed to be put in nomination for Secretary as of publication time. Anyone willing to serve as Secretary should notify any of the officers or directors.

Candidate for Vice President, Paul Nienaber, KN4BAR

Paul is a new ham having received his Technician license here in Venice in February 2017. His motivation to be a ham was driven by a neighborhood CERT affiliation and the desire to provide emergency communications on V/UHF radio with the local ARES radio stations. It didn't take long for him to get the "ham radio bug" though.

He got his General and Extra licenses later that year, bought an HF rig and jerry-rigged a



functional 4-band OCF dipole in his deed restricted backyard. With that 100 W and a wire he managed to work all 50 states and 83 countries so far. He re-

newed the first year free membership in TARC and has become an active club member; serving on the board of directors for the past two years. Paul is also a member of the Sarasota Emergency Radio Club and the Sarasota Amateur Radio Emergency Service organizations.

Get Twisted to Get Straight

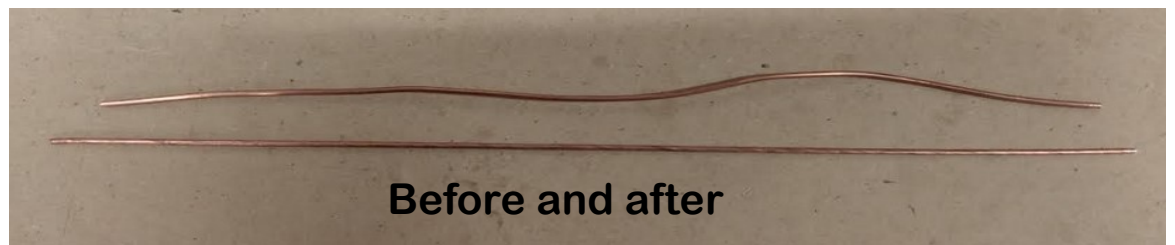
By Tom, KN4ONE

Recently while building a 70cm Quagi antenna I needed some straight 12 gage wire to use for the director elements.

On a recent trip down the YouTube rabbit hole I came across videos showing how to make tracks for marbles to roll on.



Doing the Twist



Before and after

Seriously, there's a video for everything. They showed a technique for straightening wire that came in handy. Simply hold one end of the wire in a vise and chuck the other end in a drill. Apply

a little tension and a few turns of the drill, and you end up with straight wire! This will also work with long lengths for coil winding wire. So get twisted.



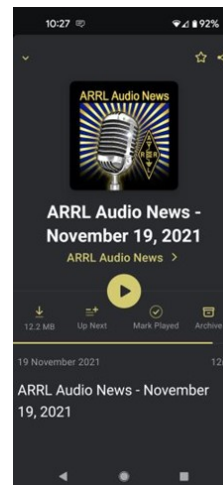
TOM'S TECH TIPS: ARRL Audio News



W8QJF Tom Shrilla

web browser [here](#). As many clubs do, we could play the program during our weekly 2-meter net if there's an interest.

Know what's going on from satellite communications to 160 meter DX, to weekly solar status, to the digital world, to contesting, to licensing, to..... by listening to ARRL [Audio News](#)! It's a weekly summary of the week's top news stories in the world of Amateur Radio, along with interviews and other features. Enjoy ARRL Audio News anywhere: on your smart phone, tablet, computer or stream it on the go. Subscribe to their podcast or just play the shows through your



Repeater tower work nearly completed

Here's the latest update on recent improvements

1. Checked the new guy wires tensioning and made adjustments where necessary. Also checked vertical alignment of tower; it was ok.
2. Installed a new cable up the tower from the shack downstairs to replace the old vhf LMR400 cable. The new cable is 5/16 in, hollow center conductor, made to last years. Steve installed the special connectors at both ends. It is now working quite well.
3. The plan was to install a new 220 MHz radio for trunking to the Laurel tower using the old LMR400 cable from the original vhf connection. But that cable would not work because of a connector problem at the top. It apparently came apart when it was disconnected from the vhf antenna. We discovered another hardline cable near the top that still worked well; so it was used for the 220 MHz antenna by bringing the antenna down about 20 ft. We brought the old LMR400 cable down from the tower completely. The radio checked out in testing; but it remains to connect it through the repeater equipment before we can use it properly.
4. The AREDN sector 2.4G antennas(3) were installed near the tower top; and the



external cat5 cables were affixed to the tower. The used 5G radio was prepared the day before, but the radio's RJ-45 jack has a problem and will not hold the cable in place, even with jury rigging. We still have the new 5G radio coming in December, currently on backorder. So the used 5G radio and antenna was not installed. That will have to wait for future tower climbers (tbd).

5. All of the new cables were appropriately fixed to the tower.
6. A radio beacon light system was installed at the top of the tower for safety and FAA regulations covering aircraft. It will be powered from below with a timer.
7. The AREDN omni-directional antenna was not installed and will be re-purposed (tbd).
8. A pulley and rope system was installed to allow bringing the inverted vertical multi-band antenna down for any required repairs or alterations.
9. Remaining work: run all cables into the shack and set up the internal router switch and lightning protection installation for AREDN; and install the power cables and timer switch for the beacon light. The VHF cable is already installed and functioning.



Random Dits & Dahs



Nineteen members and spouses attended the ^^^ November meeting of QCWA. AI, K0AL, spoke of the origins of the SOS distress call.

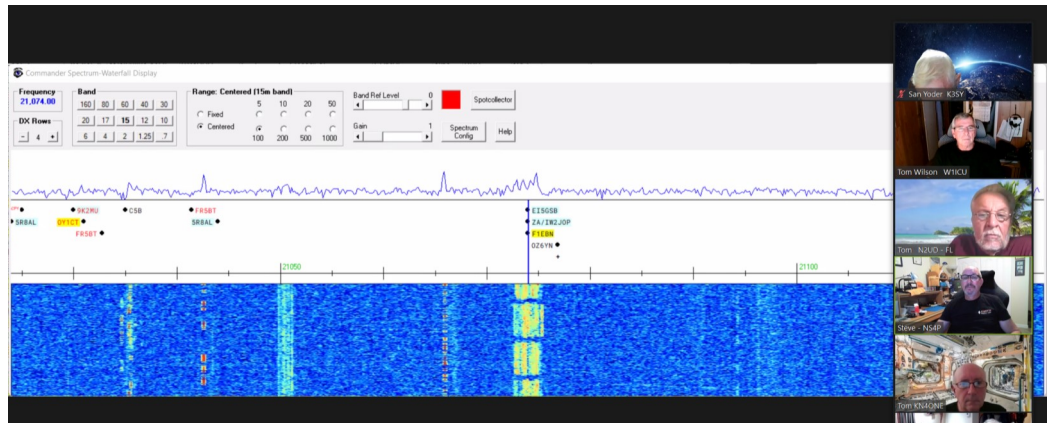


^^^ Tom, W4IEE, comforts his pet sea horse who must wait in front of the Venice library while he performs his duties as a VE at the November exam session.

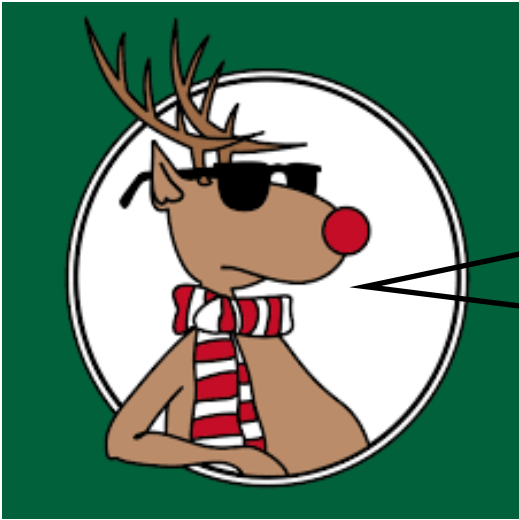


<<< AI, K0AL, Presents a donation of \$670 to TARC from proceeds of sale of donated equipment from the estate of SK Jerry Spears, W9PB. Thanks Diana!

If you don't attend the >> Wednesday virtual breakfasts, you are missing some good information. Here is a screen shot of Steve, NS4P's shared screen as he explains how he uses the waterfall to determine where to transmit to work a pileup.



TARC Holiday Party



Hear Ye, Hear Ye, all you TARC Code Talkers and Wind Talkers! Don't miss the festivities at the Holiday Party on Tuesday, December 14th. Be there or I'll tell Santa to skip your house!

Location: Left Coast Seafood Co.
385 US-41 Bypass, Venice, FL 34285

Date: December 14, 2021

Time: 6:00 PM Cocktails; 7:00 PM Dinner

Cost: Cash or check \$27.00 per person; PayPal \$28.00 per person

Dinner selections:

FISH Parmesan Encrusted Tilapia – with rice pilaf & vegetables

CHICKEN Chicken Piccata – Sauteed with a lemon caper sauce, with rice pilaf & vegetables

BEEF Slow Roasted Prime Rib – Cooked medium rare, served with garlic mashed potatoes & vegetables

VEGETARIAN Vegetable Stir Fry – fresh vegetables in teriyaki sauce served over rice

The cost includes salad, entrée, a variety of bite-sized desserts, non-alcoholic beverages, tax and gratuity.

A cash bar will be available.

If you're interested in attending, please pre-order and pay Steve Phillips, NS4P, by December 8. Steve will be collecting cash or check at Peach's, Perkins, DAV, and the December 8th club meeting. You can also pay the club directly via PayPal through the club web site (tamiamiarc.org). If you pay by PayPal, please include the entrée(s) you want in your note.



December 2021



| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|--|---|--|--|---|------------------------------|---|
| * Peaches opens at 6:00 AM. Orders taken at 7:00 | # See Groups.io for sign-on to virtual breakfast | | 1 # Virtual breakfast via ZOOM 10 AM | 2 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net | 3 Breakfast @ Perkins 9A | 4 |
| 5 | 6 | 7 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1 | 8 # Virtual Breakfast 10 AM TARC meeting 7:00 PM @ Coast Guard TC | 9 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net | 10 Breakfast @ Perkins 9A | 11 TARC VE session @ Venice Library 10 A |
| 12 | 13 DARN net 11:00 AM Starts on NI4CE/rpt 145.43 pl100 | 14 Breakfast @ Peaches * Holiday Party @ Left Coast Sea-food 6-9 | 15 # Virtual breakfast via ZOOM 10 AM | 16 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net | 17 Breakfast @ Perkins 9A | 18 |
| 19 | 20 | 21 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1 | 22 # Virtual breakfast via ZOOM 10 AM | 23 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net | 24 Breakfast @ Perkins 9A | 25 |
| 26 | 27 | 28 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1 | 29 # Virtual breakfast via ZOOM 10 AM | 30 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net | 31 Breakfast @ Perkins 9A | |

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 - Webmaster - Paul Nienaber, KN4BAR.

Editor - San Yoder, K3SY, who acknowledges and thanks these contributing writers this month: Steve Phillips, NS4P, Patti Phillips, N4IGI, Jack Sproat, W4JS, Tom Shrilla, W8QJF, and Tom Babcock, KN4ONE.

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

2021 TARC officers:

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| Tom Shrilla | W8QJF | tshrilla@gmail.com |
| San Yoder | K3SY | k3sy.73@verizon.net |

TAMIAMI AMATEUR RADIO CLUB, INC. - Membership Application

NAME _____ Call Sign _____ Class _____ ARRL ? Yes ___ No ___
 YL/OM or
 2nd Fam. Memb. _____ Call Sign _____ Class _____ ARRL ? Yes ___ No ___
 LOCAL ADDRESS _____ CITY _____ ZIP _____
 PHONE _____ CELL _____ e-mail _____
 SUMMER ADDRESS _____ CITY _____ STATE _____ ZIP _____
 PHONE _____ ALT. e-mail _____
 Application date _____ PAYMENT: Amount _____ by: Check ___ Cash ___ PayPal ___ *First year free ___

For payments by mail send to:

TAMIAMI AMATEUR RADIO CLUB, INC.

PO Box 976

Nokomis, FL 34274

Web site www.tamiamiarc.org payments
 accepted via PayPal [Add \$1.00 convenience fee].

Dues:

Regular member: \$20.00/year

After 6/1 - \$10.00 to year end. After 10/31 \$20.00 thru next year.

Family membership: \$25.00/year. Non-voting student: \$5.00/year.

*New licensee tested through the TARC VE program:

1/1 to 10/31 - free to year end. 11/1 to 12/31 - free thru next year.

Please note: After two month grace period
 thru Feb., non-renewals will be dropped.

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

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