



# THE COMMUNICATOR



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

W4AC Repeaters: 444.100 MHz (DMR) & 146.805 MHz (-) (PL100 Analog)

Incorporated 1984

<http://www.tamiamiarc.org>

September, 2020

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## President's message...KJ4NDO

Summer is coming to an end, and the days of September start the fall season. I do not expect that we will have meetings at the U.S. Coast Guard Station this year, or the first six months of next year, or until the immunization program works. Most of our members are over 65 years old and therefore in a high risk category. Our club meetings and Board of Directors' meetings will continue to be held via Zoom.



Minutes of both meetings will be published on our groups.io message board. If you have not joined the TARC groups.io I urge you to do so. Instructions are simple and can be found at [www.tamiamiarc.org](http://www.tamiamiarc.org). Our groups.io has become a familiar and useful tool for conversational communication by club members. Read it to stay abreast of what is going on in our club during these restricted times.

I also want to highlight four opportunities to beat the virus restrictions, intellectually get out of the house, join in the life of our club, and make contact with the outer world.

Remember when we all used to meet at Peaches for breakfast? We can't do that yet, but we can meet at the TARC Breakfast Club informal get together held Wednesdays at 10 AM via Zoom. The get together lasts 36 minutes. Contact Tom Wilson, W1ICU, e-mail: [W1ICU@outlook.com](mailto:W1ICU@outlook.com) to join.

Every Tuesday at 7:30 PM TARC holds a digital net on Englewood TAC 315. We discuss the affairs of the day, technical matters and what is currently going on in our lives.

TARC also holds 2 Meter and 10 Meter nets on Thursdays at 7:30 PM. The 2 meter frequency is 146.805 MHz. The 10 meter frequency is 28.450 MHz upper side-band. We transition to 10 meters immediately after the 2 meter net.

Also: I suggest you Google "N1YZ's NEW HF NET LIST, A Drop of Dew - a Flash of Lightning" for a link to the URL to see a listing of HF nets throughout the US. See pages 8 to 10 for the list published here. If you are bored in the house, consider reaching out and joining one of these nets.

I hope everyone has an enjoyable and safe September.

73s to All Jim, KJ4NDO

## *Next Month*

Station  
Grounding  
By  
Tom  
W4IEE

**Next meeting September 09, 2020 via ZOOM. The meeting will start at 7:00 PM on Wednesday, 09 September, 2020. Check Groups.io for the link to connect.**

## TAMIAMI AMATEUR RADIO CLUB *Minutes of the 06/10/20 Meeting*

The monthly club meeting was conducted on Zoom and was called to order at 7:04 PM by president Shortill, KJ4NDO. Jim recited the pledge to the flag. Attendance was captured via the Zoom session; there were no visitors or new members.

**MINUTES:** The minutes of the May 13, 2020 meeting as published in The Communicator, were accepted by motion made, seconded, and approved.

**CORRESPONDENCE:** TARC received no correspondence since the last meeting.

**TREASURER'S REPORT:** Treasurer Frank Wroblewski, W2XYZ, reported a beginning balance of \$4,954.34, receipts of \$272.22, expenses of \$747.06, and an ending balance for the month of May of \$4,434.50. The Treasurer's report was approved by the membership.

### COMMITTEE REPORTS:

**SUNSHINE:** Jim Shortill, KJ4NDO, reported that Chet Fennell, KG4IYS, continues to progress slowly from his back surgeries.

**VE TESTING:** Steve Phillips, NS4P, said that the Sarasota County libraries are still closed for meetings; however, he is hoping the meetings rooms will open in July. The June test session will take place on his lanai on June 13 adhering to social distancing and VE Testing guidelines.

**LIAISON TO QCWA:** Due to COVID-19 and Florida's social distancing restrictions, there was no June QCWA meeting.

**REPEATER / TECHNICAL:** Frank Wroblewski, W2XYZ, reported that for a short period last month the 2-meter analog repeater had an intermittent antenna or feedline problem. It stopped without any adjustment, but the root cause of the problem is still being researched. Currently both the digital and analog repeaters are working well. The digital net is held on the club 444.100 DMR repeater using Talk Group TAC 315. The club 2-meter analog repeater frequency is 146.805 MHz ( - ) PL 100. The digital net opens Tuesday at 7:30 PM. The 2-meter net opens Thursday at 7:30 PM. Hams can participate on this net via EchoLink using a computer, an iPhone or an Android system based phone. Click on W2XYZ-R (Node 571146) on the EchoLink directory screen to establish EchoLink contact. The 10-meter net is on frequency 28.450 MHz, upper side band, and begins immediately after the conclusion of the 2-meter net.

For those that are looking for an alternative to breakfast at Peach's, Tom Wilson, W1ICU, hosts a Virtual Breakfast gathering on Wednesdays at 10:00 AM. For details please refer to the Groups.io site.

**MEMBERSHIP:** Paul Nienaber, KN4BAR, reported that club membership is available on our members only website page. There are 96 regular members, 18 first year members, 7 life members, and 1 comp for a total membership of 122.

**OLD BUSINESS:** 1. Club Remote Station. Tom Shrilla, W8QJF, has the remote station running in a beta test mode at the Englewood repeater site. Beta testing will continue throughout the summer with full membership having access to the station in the fall.

2. Fox Hunting. Paul Nienaber, KN4BAR, stated the next fox hunting practice session will be on June 20 at 8:00 AM. We will meet in the parking lot behind IHOP. If interested, refer to Groups.io for more information.

3. Club Equipment. Steve Phillips, NS4P, said that there is still lots of equipment to be had at reasonable prices. The list of equipment is available in The Communicator and on Groups.io.

4. Battle of the Bridges Regatta. Paul Nienaber, KN4BAR, mentioned the third annual Regatta is currently planned for September 26, 2020. The organizers are meeting every two weeks and will make their final decision in mid-July. The club will use the Jacaranda Trace repeater (442.050 100 pl) for the Regatta with the Laurel Road repeater as backup. In addition, sign up for the event will be for the whole day, no split shifts.

**NEW BUSINESS:** 1. Englewood Repeater Equipment. Recently, Chet Fennell, KG4IYS, purchased and subsequently donated the Englewood repeater equipment to TARC. A sincere thank you goes out to Chet for his generosity. The Englewood site is available to the club free of charge.

2. Repeater Maintenance Team. The club has created a **Repeater Maintenance Team**. Members include **Chet Fennell, KG4IYS; Frank Wroblewski, W2XYZ; Brian Tate, KX4FX; Peter Boers, KV4LR; Tom Babcock, KN4ONE; and Bob Schneider, W5GJ**. The mission of the team is to check and test the club-owned equipment on a regular basis, assess the equipment, and establish a maintenance program.

Continued >>>>>

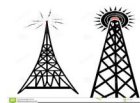
## Minutes, continued

3. SERC Proposal. Jim Shortill, KJ4NDO, Steve Phillips, NS4P, and Frank Wroblewski, W2XYZ, met with Gary Wells, WB9AYD, President of SERC to discuss extending the ARES coverage to southern Sarasota County. This would involve linking the Englewood repeater to the Laurel repeater at a maximum cost of approximately \$1,000. Membership approved the Board to further study this proposal and document a recommendation.

4. Club Meetings via Zoom. Many members expressed a desire to continue the TARC meetings on Zoom even after social distancing restrictions have been lifted. This will enable all members, including our seasonal members, to actively participate at club meetings.

**ADJOURNMENT:** The meeting adjourned at 7:50 PM. There were 25 members on the Zoom session.

## A Tale of Two Repeaters



*By Frank, W2XYZ*

It was the best of times, it was the worst of times, it was the age of summer, it was the age of thunderstorms, yadda, yadda, yadda. Let me cut to the chase. Last May, lifetime member Stew, W4MO agreed to sell to our club all the equipment at the Englewood repeater site, of which he was the sole proprietor. While club management was discussing the purchase of the equipment, Chet, KG4IYS said "I'll buy it and donate it to the club." Wow, what could be better than that? No one objected, and Chet bought everything lock, stock, and barrel. We now had ownership of the 2m VHF repeater, the 70cm UHF DMR repeater and everything connected to it. All was going well, and we even put a remote HF station at the site with one of our IC-7300 radios.

Summer came. Along with our heat and humidity came our daily thundershowers. The Englewood site is well protected for lightning, primarily due to excellent grounding techniques of Stew W4MO, Jack W4JS, and other members of long ago. As (bad) luck would have it, at 11:15,am on July 17, a lightning strike very near our site occurred. It damaged our Motorola UHF DMR repeater, a router, the ICOM IC-7300 HF transceiver, and the Raspberry Pi we used to control the HF transceiver. It also dam-

aged several items belonging to the other tenant at the site. We were devastated, but not without hope, as the high dollar items were insured. Analyzing the situation, we surmise the antennas were not struck with lightning that travelled to the equipment, but rather an Electro-Magnetic Pulse (EMP) from the nearby strike induced a high voltage into the Ethernet cables. We say that because neither antenna, nor duplexer was damaged but every piece of equipment that was plugged into the Ethernet got fried.

The club's repeater maintenance team immediately got to work. Some worked on redesigning the station to prevent a recurrence. Some worked on finding replacement equipment. Some worked on filing claims for the damages. Some did lightning research and grounding techniques. Just about everyone did something to return service to our members. While all this was going on, Chet was concerned something might happen and we'd lose our other repeater. To prevent that, Chet bought the club a brand new 2m repeater from Bridgecom (BCR-50(v)). The new machine was put online and worked great. The older Kenwood was disconnected and remains as a spare. The damaged IC-7300 was swapped with another club radio and it will be sent to ICOM for

repair. At this point the UHF DMR repeater was still down. We were waiting on a decision from the insurance company as to whether we should send the damaged repeater to Motorola for repair or that the insurance company would replace it. Chet got tired of waiting and again with his own money, he bought the club a brand new Motorola SLR 5700 repeater, exactly like the one damaged.

Fast forward to the happy-ending. Our club has a first class repeater site with all equipment now working. We have a VHF spare transceiver and we are looking into getting the damaged UHF repeater repaired to keep as a spare. EMP, should it occur again, should not take out our equipment connected to Ethernet. We installed fiber optic links on the Ethernet cables to isolate our equipment from any EMP. But wait, there's more. Even though everything is great right now, we are not done. We plan to have the tower professionally inspected for mechanical safety and we are having a grounding expert look things over to see if we missed anything or if anything needs improving. Our club is number one, and with the great members we have, we will stay number one.

**73, Frank Wroblewski, W2XYZ**

*Photos page 6 >>>*



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
Georgia – 4L/G4ENL, resident operator	Now Active	37	01-02	23-05	2200	18-19	1300	NO	NO	NO
Reunion – FR8TG, resident operator	Now Active	90	NO	2400	NO	2000	1700	1500	NO	NO
South Sudan – Z81D by Y11DZ, SB,Dgy.FT8	Now to 10 Nov	74	NO	23-04	22-05	19-01	14-24	16-22	NO	NO
Iceland – TF/DJ7JC, CW, FT8, RTTY	Now to 18 Oct	28	00-09	22-11	21-01	20-22	NO	NO	NO	NO
Greenland – OX3LX by OZ0Z1DJJ	Now to 20 Sep	19	--	21-07	20-02	14-24	NO	NO	NO	NO
Ghana – 9G5GS by IZ4YGS, FT8, SSB	Now to 15 Sep	88	00-05	22-07	21-04	18-01	11-23	14-22	19-20	NO
Corsica – TK/DJ0TP	Now to 14 Sep	51	23-06	22-06	20-03	11-21	18-20	NO	NO	NO
Malta – 9H3TI by DL2AAZ, SB/CW, holi stl	04 to 18 Sept	55	--	22-07	20-03	11-22	13-20	NO	NO	NO
Albania – ZA/OE6TQG, all modes	06 to 17 Sept	48	00-05	22-07	20-01	17-21	18-19	NO	NO	NO
Liechtenstein – HB0/DL6YM & DL5YL, CW	08 Sep – 02 Oct	46	23-06	22-09	20-02	12-21	NO	NO	NO	NO
Faroe Is – OY/DL2AQI & DL4APJ, SB/Digi	15 to 23 Sept	32	00-08	22-08	20-23	1200	NO	NO	NO	NO
Svalbard – JW/LB1QI, CW, SSB	24 to 27 Sept	12	03-07	00-10	23-03	19-22	NO	NO	NO	NO
Niue – E6AM by LZ1GC, LZ1PM, all mode	28 Sep – 17 Oct	252	08-09	04-13	03-13	01-03	17-02	17-01	18-02	19-21

Prepared 25 Aug 2020 based on <https://www.ng3k.com/>, and Ohio/Penn DX Bulletin No. 1478

**Notes:** Times shown are for S-5 or better signals and 60% or better 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 forecasts are calculated using VOACAP <http://www.voacap.com/hf/>.

**-- AUGUST SOLAR ACTIVITY --**

Through 25 August, the 10.7 cm Solar Flux ranged from 70 to 75, with a mean value of 72.1. The A<sub>p</sub> index was ≥ 7 on SIX days during that period.

Single and dual sunspot groups were visible on 16 days during the period.

**-- SEPTEMBER FORECAST --**

Solar activity is expected to be very low for the outlook period.

No proton events are expected at geosynchronous orbit.

Geomagnetic field activity is expected to be at unsettled levels on 01–02, 18-22. 24-25 and 27-29, and active levels on 26 Sep due to recurrent coronal hole high speed stream influences. The remainder of the month is expected to be at quiet levels.

The 10.7 cm Solar Flux will range from 70 to 72 during the month and average 70.8.

(From NOAA Weekly Highlights and Forecasts, 24 August 2020, NOAA 27-day Space Weather Outlook Table, 24 August 2020, and 45 Day AP Forecast, USAF, 24 August 2020.)

**-- PROPAGATION FORECASTING --**

Knowing when some DX may be on the air is rather basic; it's also necessary to know when there will be any propagation to work that station. Therefore it's handy to have a propagation forecasting program and the data to put into that program. Back in 1993, I began using the W6ELProp program until a year or so ago when I began use of VOACAP which many believe is the most professional HF prediction tool available on the market. Data for such programs consists of Solar Flux, and the K<sub>p</sub> and A<sub>p</sub> indices.

In addition to cosmic and ultraviolet radiation, the Sun is a massive generator of radio energy in the microwave range. This radio energy, or Solar Flux (SF), changes gradually from day to day. Shortly after WW II, scientists found that changes in the SF were closely associated with the number and size of sunspot groups on the face of the Sun. Since February 1947 daily measurements of the SF on 2,800 MHz (10.7 cm) have been made at 1700 UTC at the Dominion Radio Astrophysical Observatory at Penticton, British Columbia.

In 1972 a relationship between Solar Flux (SF) and daily sunspot count (R) was derived:

$$SF = 63.7 + 0.73R + 0.0009R^2$$

K-indices are measurements of variations in the earth's magnetic field and are taken every three hours at various observatories around the world. Combining these observations yields the Planetary K, or K<sub>p</sub>.

After 24 hours, eight K<sub>p</sub> indices are averaged to yield the Planetary A, or A<sub>p</sub>. The relationship is:

A <sub>p</sub> Index	K <sub>p</sub> Index	Description
0	0	Quiet
4	1	Quiet
7	2	Unsettled
15	3	Unsettled
27	4	Active
48	5	Minor Storm
80	6	Major Storm
132	7	Severe Storm
208	8	Very Major Storm
400	9	Very Major Storm

(From *The NEW Shortwave Propagation Handbook*, by George Jacobs-W3ASK, Ted Cohen-N4XX and Robert Rose-K6GKU, 1995)

# Dr. Strangeham - Or, how I learned to stop worrying and love my collection of QSL cards!

By San, K3SY

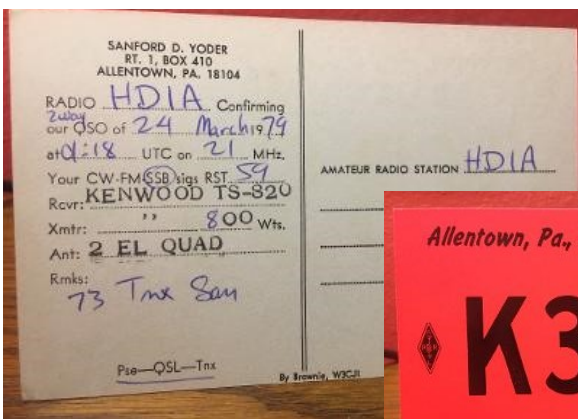
Anyone who has ever visited Disney World has probably stopped at the "It's A small World" attraction. Once one has been through that ride, the music will be forever implanted in the brain. A recent discovery by Steve, K4EU proves that, in fact, it is a small world, and the music plays on.

I first met Steve about five years ago at QCWA meetings at Denny's on Bee Ridge, where we got to know each other, and had many interesting conversations.

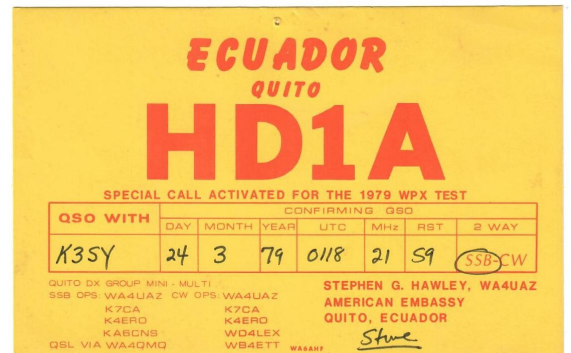
Steve has embarked on a project to sort and categorize his fifty thousand or so QSL cards. In the process, he discovered some remarkable cards. Here is the first e-mail I received:

Surprise!!!!

My very long-term project, which I started about 10 years ago and who knows if I'll ever complete it, is to sort through and categorize approximately 50,000 QSL cards which span all my USA and DX operations over the years. Today I started sorting my HD1A/Ecuador cards which date to 1978-'79.... Lo and behold, see attachment for what I found!!!!



Seems Steve and I worked each other way back in 1979. This prompted me to look through my meager collection of cards, and, lo and behold again, I found Steve's card. Small world indeed!



And, when eagle-eye Jack, W4JS, saw Steve's e-mail he posted this: (Brownie was W3CJI, a local printer and member of the W3OI club.)

Hi Steve: Boy, you sure have a big sorting job awaiting you. I see that San was supporting the local, well known QSL printer, Brownie, there in Allentown. After over 40 years in storage, that card still looks brand new. Brownie did good work!! 73, Jack-W4JS

Then this: So I'm not the only person who packs 40-year-old QSL cards around the world through various moves!!! That's great, San!!!!

I was granted permission by the Ecuadorian government to use special call sign HD1A in the 1979 CQ WPX Contests. 1979 was the first annual running of the WPX CW Contest, and the HD1 prefix had never before been aired until HD1A. Needless to say, we were very popular on the air. See attached photo of the plaque HD1A won for #1 World multi-ops from my Quito QTH. Everything we did was manual -- no computer, no spotting networks, manual keying, paper logs, paper dupe sheets, etc. My Zele homebrew Quad was a fantastic antenna as I'm sure yours was.



The guy operating my station is visiting Dutch Ham, PA0GMM -- Standing in front of my QTH is work colleague, Bill/N4JI.... More >>>

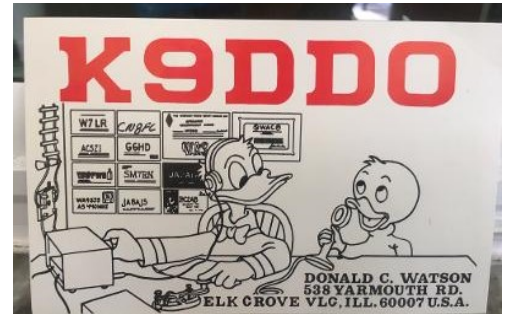
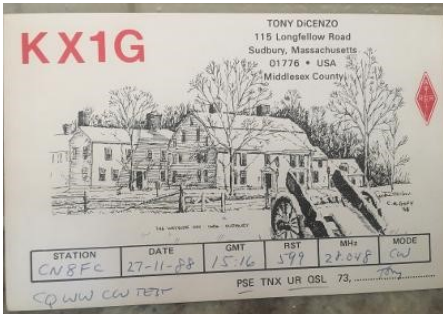


# K4EU QSLs

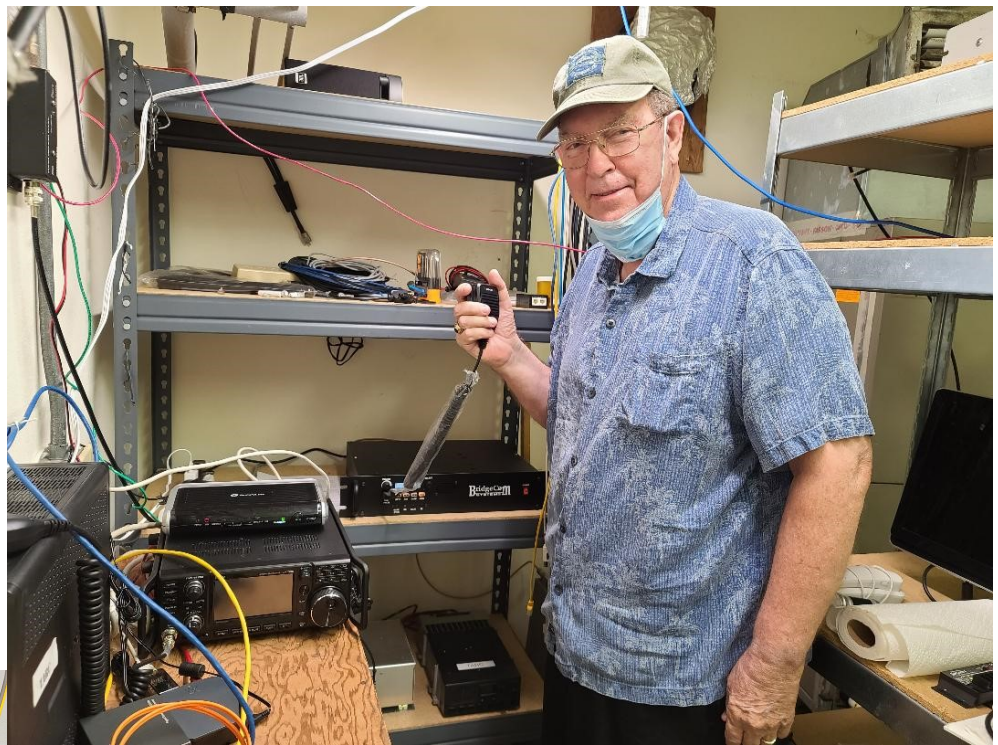
Double surprise this time..... I'm in the middle of sorting and categorizing approximately 12,000 QSL cards received from my CN8FC/Morocco operation 1987-'90..... Here are the gold nuggets I've found so far!!!! [JY9LC, now W4JS, & K9DDO]

[and] A couple more surprises which might be of interest to club members - KX1G/Tony and NZ1X/Tom

I worked Tony/KX1G and Tom's son/NZ1Y during my time in Rabat, Morocco, 1987-'90, as CN8FC..... It's very nice to note both QSOs took place on CW.... :-)



**Chet Fennell, KG4IYS donates two new repeaters to TARC**  
 Chet instrumental in the purchase of new units and their installation at the Englewood repeater site



^^ Chet testing the 2-meter rig.  
 << The 2-meter repeater with its duplexer.  
 The DMR (440 MHz) digital repeater >>>



# SPEAKING OF QSL CARDS .....

As most of you know the ARRL runs an outgoing QSL bureau to send QSL cards to foreign countries. To use this bureau, you must be a member of the ARRL, bundle your cards by country, and ship them to ARRL headquarters. Although not difficult to do, some of us may have a number of cards lying around that need to be sent out, but hold on to them until we have enough to make it worthwhile to package them and send them to the bureau.

A little known member benefit is the ARRL will also accept bundles of cards from affiliated clubs, like TARC. Members bring their outgoing cards to a meeting, breakfast, or other collection point and someone from the club can consolidate them and send them to the ARRL all in one package.

Brian, W1JBD has volunteered to do that for us. He is willing to be the point of contact for our club. He will gather the cards, package them and ship them to the bureau. As a service to our members, the club will pay for the shipping, as the cost will be minimal. Frequency of shipping depends on the quantity gathered, possibly once a month or so.

If you wish to send your cards, follow these rules:

1. The ARRL Outgoing QSL Card service is only for ARRL members. Please provide your ARRL Membership Number with each bundle of cards you provide.
2. Cards must be sorted according to the document "The ARRL Outgoing QSL Service."

**Note:** Just to be clear about the business side of the card it will vary depending on the type of card you use. Typically a card with a picture of the member's ham shack would be on the front with the station callsign and perhaps some other information such as the county and perhaps local address. On the back side would be the qso information in a box or series of boxes. Some

hams use computer printed stickers. The callsign of the destination station should be printed in the upper left hand corner and if the card is going to a QSO manager it should read the callsign of the destination station followed by "via xxxxx, the callsign of the qsl manager. This is the business side of the card and it should face forward in the bundle of cards. On some cards

all of the information may be on one side of the card with a blank back side. In any case place the xxxxx via xxxxx so that it is clearly readable. The volunteers doing the sorting work quickly and they look at the upper left hand corner for the qsl manager information. Do not sort cards with blank sides forward.

3. Disregard the section regarding fees and shipping costs. TARC will be providing the service as a membership benefit.

4. Cards destined for a recipient using a QSL Manager should have the recipient station's callsign followed by Via XXXXXX (The callsign of the QSL Manager). Cards going to a QSL Manager should be sorted according to the QSL Manager's callsign, not the recipient station callsign. If you write a station callsign on the back of the card use the upper-left hand side and flip the card forward facing the same direction. They should be business side up with no blank sides facing forward. Do not separate prefixes using slips of paper, paper clips or rubber bands. Do use rubber bands to make one complete bundle of all of your cards.

5. Place a slip of paper on top of the bundle with your callsign, name, and ARRL number.

6. The bureau does not handle US to US cards except Hawaii, Alaska, Puerto Rico, Guam and the US Virgin Islands.

7. Cards should be bundled and given to Brian, W1JBD, who will be handling the service for the club. Monthly meetings would be the best place for the transfer, the Wednesday morning breakfast is another. The intention is to send the cards to the bureau once a quarter.

## **To All TARC Members,**

I am looking forward to sending our next batch of QSL cards to the ARRL Outgoing Bureau no later than **September 15**. I returned from Michigan a few days ago and am catching up on club activities so if you have any cards you would like to send please drop

me an email to [odyssey922@earthlink.net](mailto:odyssey922@earthlink.net) and I'll get with you on getting them to me. Since we don't have the opportunity of club meetings at the Coast Guard Station as a collection point I will arrange to pick them up at some point accessible to all.

**73, Brian, W1JBD**

# NIYZ's HF NET LISTING

Last Edited: 3/4/2020 09:04:00 Central Time

Note: This HF NET LISTING is a GOOGLE DOC that can be printed!

<http://www.rodscott.photography/n1yz-hf-new-net-list/>

If you have updated info on these share with me-Thanks!  
NIYZ at ARRL dot Net

Winter UTC	Summer UTC	Frequency	Band	Net Name & Description - all times in CENTRAL	Weekday	URL
1:00	00:00	7.250.00	40	GRIT NET - 7pm - Central	Tuesday	<a href="http://www.qsl.net/grit-net/">http://www.qsl.net/grit-net/</a>
1:00	00:00	3.916.00	40	The Rag Chew Crew - 7-8:30pm - Central	Sun - Fri	<a href="http://www.tailgatersnet.com/the-rag-chew-crew.html">http://www.tailgatersnet.com/the-rag-chew-crew.html</a>
1:00	0:00	3.990.00	75	Sun Belt Service Net 7:00 pm - Central	Mon - Fri	<a href="http://www.sunbeltnet.org/">http://www.sunbeltnet.org/</a>
1:00	0:00	3.855.00	75	Awful Awful Ugly PRE Net - 7pm - Central - Christian/Family	Daily	<a href="http://w5mz.com/aauf/">http://w5mz.com/aauf/</a>
1:00	0:00	7.2675.00	75	3905 Century Club Net SSB Net - 7:00pm - Central	Daily	<a href="http://www.3905ccn.com/netsched.htm">http://www.3905ccn.com/netsched.htm</a>
1:00	1:00	3.668.00	75	Geratol Net - 7pm Oct 1st - April 30th Only - Central	Daily	<a href="http://geratol.net/">http://geratol.net/</a>
1:00	1:00	3.935.00	75	Central Gulf Coast Hurricane Net - 7pm Winter - 8pm Summer	Daily	<a href="http://arc.tzo.com/cgchn/">http://arc.tzo.com/cgchn/</a>
1:00	1:00	7.185.00	40	OMISS Net - 7pm Winter - 8pm Summer - Central	Daily	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
1:00	00:00	7.265.00	40	RV Radio Network 7:00pm CST	Sun - Fri	<a href="http://rvradionetwork.com">http://rvradionetwork.com</a>
1:30	0:30	7.275.00	40	The "Rare Ones" of New Orleans - ABOUT 7:00pm	Daily	<a href="https://therareones.net">https://therareones.net</a>
1:30	0:30	3.873.00	75	Louisiana Section ARES Net - 7:30pm - Central	Sunday	<a href="http://www.laarri.org/ss/section/nets-listing/">http://www.laarri.org/ss/section/nets-listing/</a>
1:30	0:30	3.873.00	75	Texas Ares Net - 7:30pm - Central	Monday	<a href="http://arrlntx.org/main/nts/section-traffic-nets/">http://arrlntx.org/main/nts/section-traffic-nets/</a>
1:30	0:30	3.873.00	75	West Gulf Division ARRL - Section Managers Net - 7:30pm	Tuesday	<a href="http://arrlntx.org/main/nts/section-traffic-nets/">http://arrlntx.org/main/nts/section-traffic-nets/</a>
2:00	2:00	3.902.00	75	3905 Century Club Net SSB Early Net 9pm Summer - Central	Daily	<a href="http://www.3905ccn.com/">http://www.3905ccn.com/</a>
2:00	1:00	3.918.00	75	San Joaquin HF Net - 8pm Central - 6pm Pacific Time	Mon - Sat	<a href="http://www.sjhfn.net/">http://www.sjhfn.net/</a>
2:00	1:00	3.855.00	75	The Awful Awful Ugly Net - 8pm - Central - Christian/Family	Daily	<a href="http://w5mz.com/aauf/">http://w5mz.com/aauf/</a>
2:00	1:00	7.180.00	40	100 Watts and a Wire Net - 8pm Central - prenet 7:45pm	Thursday	<a href="http://100wattsandawire.com/">http://100wattsandawire.com/</a>
2:00	1:00	3.970.00	75	Southern Country Cousins - 8:00pm Central	Daily	<a href="http://ww4scc.net/">http://ww4scc.net/</a>
2:00	1:00	3.952.00	75	Western Public Service System - 8:00pm Central	Daily	<a href="https://www.3952khz.net/index.html">https://www.3952khz.net/index.html</a>
2:30	1:30	3.916.00	75	The Tailgaters Net 8:30-10pm Central	Sun - Fri	<a href="http://www.tailgatersnet.com/the-tailgaters-net.html">http://www.tailgatersnet.com/the-tailgaters-net.html</a>
3:00	2:00	3.908.00	75	The Hifivers Amateur Radio Friendship Net - 9pm Central	Sun-Tu-Th	<a href="http://hifivers.wix.com/hifivers">http://hifivers.wix.com/hifivers</a>
3:00	2:00	3.975.00	75	The Golden Bear Net - 9pm Central	Daily	<a href="http://goldenbearnet.org/index.html">http://goldenbearnet.org/index.html</a>
3:00	2:00	3.857.5	75	Mission Trail Net - 9pm Central	Daily	<a href="http://missiontrailnet.net/">http://missiontrailnet.net/</a>
3:00	2:00	7.245.00	40	YL International Single Side Band System - 9pm - Central	Mon - Fri	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
3:00	3:00	3.825.00	75	OMISS Net - 8pm Winter - 9pm Summer - Central	Daily	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
3:00	3:00	14.300.00	20	Pacific Seafarers Net - 9pm Winter - 10pm Summer - Central	Daily	<a href="http://www.pacseanet.com">http://www.pacseanet.com</a>
3:00	3:00	7.070.00	40	3905 Century Club Net PSK31 - First & Third Wed	Wednesday	<a href="http://www.3905ccn.com/newsite/index.htm">http://www.3905ccn.com/newsite/index.htm</a>
3:30	2:30	3.935.00	75	SouthWest Traffic Net - Louisiana 9:30pm - Central	Daily	<a href="http://www.laarri.org/ss/section/nets-listing/">http://www.laarri.org/ss/section/nets-listing/</a>
3:30	2:30	3.972.50	75	Mid-West Country Cousins - 9:30pm - Central Time	Daily	<a href="http://www.hamdata.com/mwcc.html">http://www.hamdata.com/mwcc.html</a>
4:00	3:00	3.916.00	75	Free Wheelers Net 10PM - 1AM - Central Time	Daily	<a href="http://www.tailgatersnet.com/the-free-wheelers-net.html">http://www.tailgatersnet.com/the-free-wheelers-net.html</a>
4:00	3:00	3.908.00	75	W.A.R.F.A. Western Amateur Radio Friendship Net - 10pm Central	Sun-Tu-Th	<a href="http://www.warfa.org/">http://www.warfa.org/</a>
5:00	4:00	3.970.00	75	Western Country Cousins Net - 11pm - Central Time	Daily	<a href="http://www.wccnet.us/">http://www.wccnet.us/</a>
5:00	4:00	7.188.00	40	3905 Century Club Net SSB Late Net 11pm - Central	Daily	<a href="http://www.3905ccn.com/">http://www.3905ccn.com/</a>

## 6:00 5:00 MIDNIGHT Central Time

6:00	5:00	3.902.00	75	3905 Century Club Net SSB Late Net - Midnight - Central	Daily	<a href="http://www.3905ccn.com/">http://www.3905ccn.com/</a>
7:00	7:00	7.190.00	40	The Triple H Net - 1am Winter - 2am Summer - Central	Daily	<a href="http://www.hhhnet.net/index.html">http://www.hhhnet.net/index.html</a>
7:30	6:30	3.940.00	75	Early Bird Transcontinental Net - Pre Net Checkin-1:30am CT	Daily	<a href="http://earlybirdnet.com/">http://earlybirdnet.com/</a>
8:00	7:00	3.973.00	75	Before The Breakfast Club 2am - 4am (Central)	Daily	<a href="http://beforebreakfastclub.org/">http://beforebreakfastclub.org/</a>
9:45	8:45	3.940.00	75	Early Bird Transcontinental Net - 3:45-5am Central Time	Daily	<a href="http://earlybirdsnet.com/home">http://earlybirdsnet.com/home</a>
10:00	9:00	3.973.00	75	The Breakfast Club 4am - 8am - Central Time	Daily	<a href="http://www.hamdata.com/kv4jc/">http://www.hamdata.com/kv4jc/</a>
10:00	9:00	3.947.00	75	The Green Frogs Net - 4am - 7am - Central Time	Mon - Sat	<a href="http://www.thegreenfrogs.net/preview/">http://www.thegreenfrogs.net/preview/</a>
10:00	9:00	7.188.00	40	Friendly 7.188 Net - 4-6am - Central - Carribean Region Net	Daily	<a href="http://friendly7188net.net/">http://friendly7188net.net/</a>
11:00	10:00	3.912.00	75	Amateur Radio Sunrise Bible Study Group-Study at 5:30 CT	Daily	<a href="http://www.lafevordr.net/srbsg_roster.htm">http://www.lafevordr.net/srbsg_roster.htm</a>
11:00	10:00	7.274.10	40	Corn Cob Net 5am - 7am - Central	Mon - Fri	<a href="http://www.corncobbers.com/">http://www.corncobbers.com/</a>
11:00	10:00	3.990.00	75	The Rooster Net 5am-6am - Central - There is a Pre Net	Daily	<a href="http://www.roosternet.org/about.html">http://www.roosternet.org/about.html</a>
11:00	10:00	7.238.00	40	Rotten Apples Net 5-6 am - Central	Sun - Sat	<a href="http://www.rottenapplesgroup.com/">http://www.rottenapplesgroup.com/</a>
11:00	11:00	7.241.00	40	Carribean Maritime Mobile Net - Weather at 11:15 Z	Daily	<a href="http://users.isp.com/kv4jc/">http://users.isp.com/kv4jc/</a>
11:40	10:40	3.980.00	75	Tennessee Phone Net 5:40am (Central)	Mon - Fri	<a href="http://www.tnarrl.org/">http://www.tnarrl.org/</a>
11:55	10:55	3.940.00	75	Friendly Florida Phone Traffic Net - 5:55am - Central	Daily	<a href="http://fotn3940.net/">http://fotn3940.net/</a>
12:00	11:00	14.300.00	20	INTERCON 6am-11am - Central	Daily	<a href="http://www.intercontinentalnet.org/">http://www.intercontinentalnet.org/</a>
12:00	11:00	3.755.00	40	ONTARS NET - 6am - 5pm - Central - US General note frequency	Daily	<a href="http://www.ontars.com/">http://www.ontars.com/</a>
12:00	11:00	7.238.00	40	22 Crew Classroom Net	Mon - Fri	<a href="http://www.wb2ljkj.org/">http://www.wb2ljkj.org/</a>
12:00	11:00	3.930.00	75	Christian Amateur Radio Fellowship 6am (Central)	Mon - Sat	<a href="http://www.carf.net/">http://www.carf.net/</a>
12:00	11:00	7.225.00	40	Amateur Radio Missionary Service - 6am Central	Daily	<a href="http://www.qsl.net/arms/nets.html">http://www.qsl.net/arms/nets.html</a>
12:00	11:00	3.9875.00	75	Arkansas Phone Net 6am Local	Mon - Sat	<a href="http://www.wx1der.com/arknets.htm#hfnets">http://www.wx1der.com/arknets.htm#hfnets</a>
12:00	11:00	3.862.50	75	Magnolia Section (Mississippi) Net 6am (Central)	Mon - Fri	<a href="https://3878net.com/">https://3878net.com/</a>
12:00	11:00	3.984.00	75	Badger Weather Net - 6 - 7:15am - Central	Daily	<a href="http://www.badgerweather.net/">http://www.badgerweather.net/</a>
12:00	11:00	7.191.00	40	RV Service Net 6am-8am CST +/- QSB	Mon - Fri	<a href="http://rvsvcnw.bbci.net/">http://rvsvcnw.bbci.net/</a>
12:00	11:00	7.245.00	40	Navy Amateur Radio Club 6am-8am Central	Daily	<a href="http://www.k4nar.net">k4nar.net</a>
12:00	11:00	3.920.00	75	OMIK Net 6:00-7:00 am CT - N4JDU!	Sunday	<a href="http://www.omikradio.org/">http://www.omikradio.org/</a>
12:00	11:00	3.985.00	75	Georgia Cracker Net - 6am - Central	Mon - Sat	<a href="http://www.arri-ga.org/operations/Georgia%20Nets.pdf">http://www.arri-ga.org/operations/Georgia%20Nets.pdf</a>
12:30	11:30	7.255.00	40	EAST Cars Net 6:30 am until 1pm - Central	Mon - Fri	<a href="http://www.ecars7255.com/">http://www.ecars7255.com/</a>
12:30	11:30	7.185.00	40	OMIK Net 6:30am - 8:30am CT - N4JDU !	Sunday	<a href="http://www.omikradio.org/">http://www.omikradio.org/</a>
12:45	11:45	3.970.00	75	EYE BANK NET 6:30am & 6:45am CST	Daily	<a href="http://pages.suddenlink.net/w8gn/Evening Eye Bank Net Preamble &amp; Closing 0210.pdf">http://pages.suddenlink.net/w8gn/Evening Eye Bank Net Preamble &amp; Closing 0210.pdf</a>
12:45	11:45	3.927.00	75	North Carolina Morning Net - 6:45am - Central	Daily	<a href="http://www.ncarrl.org/nets/nc_nc_nets.html">http://www.ncarrl.org/nets/nc_nc_nets.html</a>
12:45	11:45	3.980.00	75	Tennessee Phone Net 6:45am (Central)	Mon - Fri	<a href="http://www.tnarrl.org">http://www.tnarrl.org</a>
12:45	11:45	7.268.00	40	WATERWAY NET - 6:45am - Central	Daily	<a href="http://www.waterwayradio.net/netformat.htm">http://www.waterwayradio.net/netformat.htm</a>
13:00	12:00	7.230.00	40	Christian Amateur Radio Fellowship 7am (Central)	Tu-Th-Sat	<a href="http://www.carf.net/">http://www.carf.net/</a>
13:00	12:00	14.332.00	20	YL International Single Side Band System - 7am - Central	Daily	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
13:00	12:00	3.862.50	75	Magnolia Section (Mississippi) Net 7am (Central)	Sat - Sun	<a href="http://www.arlmiss.org/nets.html">http://www.arlmiss.org/nets.html</a>
13:00	12:00	3.993.50	75	PA Statewide ACS/PEMA RACES Net - 7am - Central - 1st Sunday only	Sunday	<a href="http://goo.gl/3AhX6i">http://goo.gl/3AhX6i</a>
13:00	12:00	3.940.00	75	South Florida ARES Net 7:00am - Central	Sat	<a href="http://www.arri.org/Groups/view/southern-florida">http://www.arri.org/Groups/view/southern-florida</a>
13:00	12:00	7.251.00	40	SOUTHCars Net 7-12 noon Central	Daily	<a href="http://www.southcars.com/">http://www.southcars.com/</a>
13:00	12:00	7.197.00	40	NorCars Net - 7am - 8:30am Central	Mon - Fri	<a href="http://qsl.net/norcars/">http://qsl.net/norcars/</a>
13:30	12:30	7.258.00	40	MidCARS Net 7:30am - 1:00pm CST or later ...	Daily	<a href="http://www.midcars.net/">http://www.midcars.net/</a>
13:30	12:30	3.810.00	80	Kentucky Phone Net - 7:30am - Central Time	Daily	<a href="https://sites.google.com/site/kyphonenet/">https://sites.google.com/site/kyphonenet/</a>
13:30	12:30	3.820.00	75	Little Red Barn Net - 8:30am - Central Time	Daily	<a href="http://gmrepair1.wix.com/little-red-barn">http://gmrepair1.wix.com/little-red-barn</a>
14:00	13:00	7.222.00	40	Country Hams - 8am Central Time	Mon - Sat	<a href="http://countryhamsnet.com/">http://countryhamsnet.com/</a>
14:00	13:00	3.896.00	75	KLARA Roundtable Net - 8am Central Time + or - 4khz	Daily	<a href="http://www.klara.us">http://www.klara.us</a>



**NIYZ's NET LISTING Page 2**

14:00	13:00	3,965.00	75	Alabama Traffic Net 8:00am local	Sunday	<a href="http://atnm.mcars.us/">http://atnm.mcars.us/</a>
14:00	13:00	3,950.00	75	Northern Florida ARES Net - 8:00 am - Central	Mon - Sat	<a href="http://arri-nfl.org/?page_id=1458">http://arri-nfl.org/?page_id=1458</a>
14:00	13:00	3,987.50	75	Eastern Area PA RACES Net 8:00 am - Central	Sunday	<a href="http://goo.gl/3AhX6I">http://goo.gl/3AhX6I</a>
14:00	13:00	3,990.50	75	Western PA PEMA RACES Net - 8:00am - Central	Sunday	<a href="http://goo.gl/3AhX6I">http://goo.gl/3AhX6I</a>
14:00	13:00	3,980.00	75	Tennessee Phone Net 8:00am (Central)	Sat - Sun	<a href="http://www.tnarrl.org/Bm/tnpn.htm">http://www.tnarrl.org/Bm/tnpn.htm</a>
14:00	13:00	7,272.00	40	7272 Rag Chew 8am-11am Central	Mon - Sat	<a href="http://www.ragchewers.net/">http://www.ragchewers.net/</a>
14:00	14:00	7,153.00	40	JARA Meyer's Net - 7am Summer - 8am Winter - Central	Sunday	<a href="http://www.jamaicaham.org/downloads/2%20Wav%20Radio%20Frequencies.pdf">http://www.jamaicaham.org/downloads/2%20Wav%20Radio%20Frequencies.pdf</a>
14:30	13:30	3,905.00	80	Old Buzzards Net - 8:30am - Central Time	Mon - Fri	<a href="http://www.oldbuzzards.net/">http://www.oldbuzzards.net/</a>
14:30	13:30	3,904.00	80	Old Buzzards Net - 8:30am - Central Time	Saturday	<a href="http://www.oldbuzzards.net/">http://www.oldbuzzards.net/</a>
14:30	13:30	7,153.00	40	Communications Ontario Net - Central - Pre Net 30 min B4	Daily	<a href="http://www.ve3ncq.ca/wordpress/?page_id=77">http://www.ve3ncq.ca/wordpress/?page_id=77</a>
14:30	13:30	7,285.00	40	Daytime Texas Traffic Net - 8:30am-9:30am - Central	Mon - Sat	<a href="http://www.daytimetexastrafficnet7285.org/">http://www.daytimetexastrafficnet7285.org/</a>
16:00	15:00	14,295.00	20	OMIK Net 10am-12am - Central - N4JDU I	Sunday	<a href="http://www.omikradio.org/">http://www.omikradio.org/</a>
15:00	14:00	7,245.00	40	Sunday Morning Texas Traders Net 10am Central	Sunday	
15:00	14:00	7,262.00	40	Professional Loafers Net 9am - 11am - Central	Mon - Sat	<a href="http://ve1jbl.webs.com/maritimenet.htm">http://ve1jbl.webs.com/maritimenet.htm</a>
15:00	14:00	3,925.00	75	PICONET 9am - 11am - Central	Mon - Sat	<a href="http://www.piconet3925.com/">http://www.piconet3925.com/</a>
15:00	14:00	7,240.00	40	7.240 Club 9am - 11am - Central	Mon - Sat	<a href="http://www.7240club.net/">http://www.7240club.net/</a>
15:00	14:00	21,373.00	15	YL International Single Side Band System - 9am - Central	Monday	<a href="http://www.ylssystem.org/">http://www.ylssystem.org/</a>
15:00	15:00	14,265.00	20	SATERN Net - 9am Winter - 10am Summer - Central	Mon - Sat	<a href="http://www.qso.com/satern91710/">http://www.qso.com/satern91710/</a>
16:00	15:00	7,290.00	40	7290 Traffic Net 10am-12noon Central	Mon - Sat	<a href="http://www.7290trafficnet.org/_mgxroot/page_10736.html">http://www.7290trafficnet.org/_mgxroot/page_10736.html</a>
16:00	16:00	21,350.00	15	Family Hour - 10am Winter - 11am Summer - Central	Mon - Fri	???
16:00	15:00	3,965.00	75	Alabama Day Net 10:00am - Central	Mon - Fri	<a href="http://adn.mcars.us/">http://adn.mcars.us/</a>
16:00	15:00	14,327.00	20	USCG Amateur Radio SSB Pre Net - 10am Central	Saturday	<a href="http://www.w5cgc.org/">http://www.w5cgc.org/</a>
16:30	15:30	7,265.00	40	SATERN Net - Central US - 9:30am - Central Time	Saturday	<a href="http://www.qso.com/satern91710/">http://www.qso.com/satern91710/</a>
16:30	15:30	14,290.00	20	Air Forces Flyers Club - 10:30am Central - Visitors Welcome	Daily	<a href="http://airforcesflyersclub.net/">http://airforcesflyersclub.net/</a>
17:00	16:00	14,300.00	20	USCG Amateur Radio SSB Primary Net - 11am Central	Saturday	<a href="http://www.w5cgc.org/">http://www.w5cgc.org/</a>
17:00	16:00	14,265.00	20	SATERN Net - International Net - 11:00am - Central Time	Mon - Sat	<a href="http://www.qso.com/satern91710/">http://www.qso.com/satern91710/</a>
17:00	16:00	14,300.00	20	Maritime Mobile Service Network 11am-9pm Central	Daily	<a href="http://www.mmsn.org/">http://www.mmsn.org/</a>
17:00	17:00	21,395.00	15	OMISS Net - 11am Winter - 12noon Summer Central	Sat - Sun	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
17:00	16:00	3,921.00	75	Michigan Upper Peninsula Net 11am Central	Sunday	<a href="http://www.michupnet.com/">http://www.michupnet.com/</a>
17:00	16:00	14,307.50	20	RV Service net - WBCCI ARC 11am Central	Mon - Fri	<a href="http://rvsvcnrnet.wbcci.net/">http://rvsvcnrnet.wbcci.net/</a>
17:00	16:00	7,263.00	40	Ten Tec 40 Meter SSB Net - 11am Central	Sunday	
17:30	16:30	14,263.00	20	Collins Radio Association - 11:30am Central	Sunday	<a href="http://collinsra.org/home/calendar/">http://collinsra.org/home/calendar/</a>
<b>18:00 17:00 HIGH NOON Central Time</b>						
18:00	18:00	14,316.00	20	Kenwood Hybrid Radio Net - 12n Winter-1pm Sumr Central	Sunday	<a href="http://www.wb4hfn.com/KENWOOD/KenwoodHomePage.htm">http://www.wb4hfn.com/KENWOOD/KenwoodHomePage.htm</a>
18:00	17:00	14,327.00	20	USCG Amateur Radio SSB Post Net - 12n Central	Saturday	<a href="http://www.w5cgc.org/">http://www.w5cgc.org/</a>
18:00	17:00	14,275.00	20	The American Legion ARC Net - 12n Central	2nd Sat	<a href="https://www.legion.org/hamradio/monthly-net-schedule">https://www.legion.org/hamradio/monthly-net-schedule</a>
18:00	18:00	28,800.00	10	10-10 International - 12 noon Winter - 1pm Summer - Central	Mon - Sat	<a href="http://www.ten-ten.org/">http://www.ten-ten.org/</a>
18:00	18:00	28,380.00	10	10-10 International - 12 noon Winter - 1pm Summer - Central	Mon - Sat	<a href="http://www.ten-ten.org/">http://www.ten-ten.org/</a>
18:00	18:00	28,665.00	10	OMISS Net - 12noon Winter - 1pm Summer - Central	Sat - Sun	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
18:00	17:00	14,307.50	20	Family Motor Coach Net - 12 noon Central	Mon - Fri	<a href="http://fmcaarc.com/index.php/nets-and-schedules/">http://fmcaarc.com/index.php/nets-and-schedules/</a>
18:30	17:30	7,253.50	40	CENTRAL States Traffic Net 12:30pm CST	Mon - Sat	<a href="http://ksarrl.org/ares/traffic.php">http://ksarrl.org/ares/traffic.php</a>
18:30	18:30	14,290.00	20	OMISS Net - 12:30pm Winter - 1:30pm Summer Central	Mon - Sat	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
19:00	18:00	7,280.00	40	Ambassadors 4 Christ Net - 1pm Central WA4EX, KO4CH	Mon - Fri	<a href="http://getbible.org/AFckwork33ked38s9.html">http://getbible.org/AFckwork33ked38s9.html</a>
19:00	18:00	7,290.00	40	7290 Traffic Net 1pm - 2pm Central	Mon - Fri	<a href="http://www.7290trafficnet.org/_mgxroot/page_10736.html">http://www.7290trafficnet.org/_mgxroot/page_10736.html</a>
19:00	18:00	7,240.00	40	High Noon Net 1pm - 2pm Central	Daily	<a href="http://www.nmia.com/~bsavage/hnn/hnn.html">http://www.nmia.com/~bsavage/hnn/hnn.html</a>
19:00	19:00	18,158.00	17	OMISS Net - 1pm Winter - 2pm Summer Central	Sat - Sun	<a href="http://www.omiss.net/">http://www.omiss.net/</a>
19:00	19:00	14,340.50	20	Manana Net - 1pm Winter - 2pm Summer - Central	Mon - Sat	<a href="http://www.docksideradio.com/west_coast.htm">http://www.docksideradio.com/west_coast.htm</a>
20:00	20:00	14,263.00	20	Collins Collectors Association - 2pm Winter- 3pm Summer	Sunday	<a href="http://www.collinsradio.org/information/cca-nets/">http://www.collinsradio.org/information/cca-nets/</a>
20:00	19:00	14,322.50	20	International Bible Study Net - 2pm Central	Daily	<a href="http://internationalbiblestudy.net.weebly.com/">http://internationalbiblestudy.net.weebly.com/</a>
20:00	19:00	7,185.00	40	The Nuts & Bolts Net - 2 pm Central - Pre-net 1 hour early	Mon - Fri	<a href="http://www.nbsnet7185.com/">http://www.nbsnet7185.com/</a>
20:00	19:00	7,268.00	40	The 68 GROUP 2pm-4pm Central	Daily	<a href="http://www.68group.net/">http://www.68group.net/</a>
20:00	19:00	7,260.00	40	Southbears 2:00pm Central + or - frequency - Most Sun.	Sunday	<a href="http://www.southbears.org/">http://www.southbears.org/</a>
20:00	19:00	21,373.00	15	YL International Single Side Band System - 2 pm Central	Saturday	<a href="http://www.ylssystem.org/">http://www.ylssystem.org/</a>
20:30	19:30	7,235.00	40	Kenwood Hybrid Radio Net - 2:30pm Central	Saturday	<a href="http://www.wb4hfn.com/KENWOOD/KenwoodHomePage.htm">http://www.wb4hfn.com/KENWOOD/KenwoodHomePage.htm</a>
20:30	19:30	7,110.00	40	Alabama ARES - RTTY/PSK - 2:30pm Winter - 3:30pm Summer	Sunday	<a href="http://www.alabama-ares.org/">http://www.alabama-ares.org/</a>
21:00	20:00	3,925.00	75	PICONET 3pm - 4pm - Central - Winter Only (Standard Time)	Mon - Fri	<a href="http://www.piconet3925.com/">http://www.piconet3925.com/</a>
21:00	20:00	7,240.00	40	The No Name Net - 3-4pm Central	Mon - Fri	???
21:00	20:00	7,278.00	40	California American Legion Amatur Radio Service-3pm Central	Sunday	<a href="http://www.legion.org/hamradio/monthly-net-schedule">http://www.legion.org/hamradio/monthly-net-schedule</a>
21:00	20:00	7,238.00	40	Drake Technical Net - 3pm Central	Sunday	<a href="http://www.wb4hfn.com/DRAKE/DrakePageHome.htm">http://www.wb4hfn.com/DRAKE/DrakePageHome.htm</a>
21:00	21:00	21,412.00	15	Pacific Maritime Mobile Service Net 4pm Central Summer - 3pm Winter	Daily	<a href="http://pmmsn.net/">http://pmmsn.net/</a>
21:15	20:15	3,972.50	75	OHIO SSB Net 3:15pm Central	Mon - Fri	<a href="http://www.qsl.net/ossbn/">http://www.qsl.net/ossbn/</a>
21:30	20:30	7,263.00	40	Hams for Christ - Frequency may shift a little	Mon - Sat	<a href="http://hamsforchrist.net/">http://hamsforchrist.net/</a>
22:00	22:00	21,412.00	15	Pacific Maritime Mobile Service Net 4pm Central Summer - 3pm Winter	Daily	<a href="http://pmmsn.net/">http://pmmsn.net/</a>
22:00	21:00	3,925.00	75	PICONET 4pm - 5pm - Central - Year round	Mon - Fri	<a href="http://www.piconet3925.com/">http://www.piconet3925.com/</a>
22:00	21:00	7,243.00	40	Alabama ARES - 4pm Central - Year round	Sunday	<a href="http://www.alabama-ares.org/">http://www.alabama-ares.org/</a>
22:00	21:00	3,947.00	75	Virginia Fone Net - 3pm & 6:30pm - Central	Daily	<a href="http://vfn3947.net/">http://vfn3947.net/</a>
22:00	21:00	3,811.00	75	West Virginia Fone Net - 4pm - Central	Daily	<a href="http://wvarrl.org/files/nets.htm">http://wvarrl.org/files/nets.htm</a>
22:00		3,963.00	75	Missouri Emergency Services Net - 4pm Winter - Follows Missouri Traffic Net In Summer	Sunday	???
22:00	21:00	7,197.00	40	NorCars Net -- 4pm - Central	Mon & Wed	<a href="http://qsl.net/norcars/">http://qsl.net/norcars/</a>
22:00	21:00	7,192.00	40	NightWatch Net - 4-6pm Central	Daily	<a href="http://www.nightwatchnet.net/">http://www.nightwatchnet.net/</a>
22:00	21:00	3,921.00	75	Michigan Upper Peninsula Net 4pm Central	Daily	<a href="http://www.michupnet.com/">http://www.michupnet.com/</a>
22:00	21:00	3,930.00	75	Buzzards Roost Net - 4pm - Central	Mon - Sat	<a href="http://michiganbuzzardsroostnet.com/">http://michiganbuzzardsroostnet.com/</a>
22:00	21:00	3,929.00	75	Buzzards Roost Net - 4pm - Central	Sunday	<a href="http://michiganbuzzardsroostnet.com/">http://michiganbuzzardsroostnet.com/</a>
22:00	21:00	7,238.00	40	Rotten Apples Net 4-5pm Central	Mon - Fri	<a href="http://rottenapplesgroup.com">http://rottenapplesgroup.com</a>
22:00	21:00	7,279.00	40	Good Ole Boys Group - 4pm-6pm - Central	Daily	<a href="http://www.good-ole-boys-group.net/">http://www.good-ole-boys-group.net/</a>
22:00	21:00	14,307.50	20	RV Service net - WBCCI ARC 4-5pm - Central	Mon - Fri	<a href="http://rvsvcnrnet.wbcci.net/">http://rvsvcnrnet.wbcci.net/</a>
22:00	22:00	3,975.00	75	Georgia ARES - 4pm Winter - 5pm Summer - Central	Sunday	<a href="http://www.arl-ga.org/">http://www.arl-ga.org/</a>
22:30	21:30	3,811.00	75	West Virginia ARES/RACES Net - 4:30pm - Central	Thursday	<a href="http://wvarrl.org/files/nets.htm">http://wvarrl.org/files/nets.htm</a>
23:00	23:00	21,412.00	15	Pacific Maritime Mobile Service Net 4pm Central Summer - 3pm Winter	Daily	<a href="http://pmmsn.net/">http://pmmsn.net/</a>
23:00	22:00	3,805.00	75	Collins Radio Association - 5pm Central	Monday	<a href="http://collinsra.org/home/calendar/">http://collinsra.org/home/calendar/</a>
23:00	22:45	3,963.00	75	Missouri Traffic Net - 5pm Winter - 5:45pm Summer - Central	Daily	???
23:00	23:00	3,975.00	75	Georgia SSB Net - 5pm Winter - 6pm Summer - Central	Daily	<a href="http://sumterpc.com/gssradio/">http://sumterpc.com/gssradio/</a>
23:00	23:00	3,935.00	75	Michiqan Wolverine SSB Net 6pm - Central - Time Change?	Daily	<a href="http://www.wssbn.com/">http://www.wssbn.com/</a>

**NIYZ's NET LISTING Page 3**

23:00	23:00	3.836.00	75	YL International Single Side Band System - 6pm CDT	Monday	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
23:00	23:00	7.245.00	40	YL International Single Side Band System - 6pm CDT	Mon - Fri	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
23:15	22:15	7.255.00	40	The NightHawks Net 5:15pm-8pm - Central	Mon - Fri	<a href="http://qsl.net/nighthawks">http://qsl.net/nighthawks</a>
23:30	22:30	3.947.00	75	Old Dominion Emergency Net - Virginia - 5:30pm - Central	1st & 3rd Mon	<a href="http://vcapares.org/content/nets">http://vcapares.org/content/nets</a>
23:30	22:30	7.178.00	40	3905 Century Club Net SSB Early Net 5:30pm - Central	Daily	<a href="http://www.3905ccn.com/">http://www.3905ccn.com/</a>
23:30	22:30	3.733.00	75	Sandbox Roundtable - NOTE: US General License note frequency	Daily	<a href="http://sandboxroundtable.com/">http://sandboxroundtable.com/</a>
23:30	22:30	3.923.00	75	North Carolina Evening Net - 5:30pm - Central	Daily	<a href="http://www.ncarrl.org/nets/nc_nts_nets.html">http://www.ncarrl.org/nets/nc_nts_nets.html</a>
23:45	22:45	3.972.50	75	OHIO SSB Net 5:45pm CT	Daily	<a href="http://www.qsl.net/ossbn/">http://www.qsl.net/ossbn/</a>
24:00	23:00	3.915.00	75	South Carolina Single Side Band Net - 6pm Central	Daily	<a href="http://www.scssb.net/">http://www.scssb.net/</a>
24:00	23:00	14.255.00	20	Bigfoot Radio Net - 6pm Central - Moves to 7.255 MHz as bands change	Wednesday	???
24:00	23:00	3.856.00	75	North South Evening Net 6pm Central	Thursday	???
24:00	23:00	3.845.00	75	Amateur Radio UFO Net - 6pm - Central	Sunday	<a href="http://www.arufon.org/">http://www.arufon.org/</a>
24:00	23:00	3.816.00	75	Kentucky Phone Net - 6:00pm - Central Time	Daily	<a href="https://sites.google.com/site/kyphonenet/">https://sites.google.com/site/kyphonenet/</a>
24:00	23:00	7.192.00	40	The Brothers Net 6pm-8pm - Central	Mon - Sat	<a href="http://w9bro.net">http://w9bro.net</a>
24:00	23:00	7.279.00	40	The Moonlighters Net - 6pm-8pm - Central	Daily	<a href="http://www.moonlightersnet.com">http://www.moonlightersnet.com</a>
24:00	23:00	3.910.00	75	Louisiana Traffic Net - 6:00pm - Central	Daily	<a href="http://www.qsl.net/nwlarl/nets.htm">http://www.qsl.net/nwlarl/nets.htm</a>
24:00	23:00	3.862.00	75	Mississippi Section Phone Net 6:00pm (Central)	Daily	<a href="http://www.arlmiss.org/nets.html">http://www.arlmiss.org/nets.html</a>
24:00	23:00	????????	75	South Carolina Traffic Net 6:00pm Central Time - ????????	Daily	<a href="http://www.arl-sc.org/">http://www.arl-sc.org/</a>
24:00	23:00	3.975.00	75	Georgia SSB Net 6:00pm Central Time	Daily	<a href="http://sumterpc.com/gssradio">http://sumterpc.com/gssradio</a>
24:00	23:00	7.245.00	40	YL International Single Side Band System - 7pm CDT	Mon - Fri	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
24:00	23:00	3.836.00	75	YL International Single Side Band System - 7pm CDT	Monday	<a href="http://www.vlssystem.org/">http://www.vlssystem.org/</a>
00:15	23:15	3.983.00	75	Georgia Traffic & Emergency Net 6:15pm Central	Daily	<a href="http://www.gaares.org/">http://www.gaares.org/</a>
0:30	23:30	3.965.00	75	Alabama Traffic Net 6:30pm local	Daily	<a href="http://atnm.mcars.us/">http://atnm.mcars.us/</a>
0:30	23:30	3.980.00	75	TennesseeTraffic Net 6:30pm - Central - ARES = Mon	Mon - Sat	<a href="http://www.tnarrl.org">http://www.tnarrl.org</a>
0:30	23:30	3.987.50	75	Arkansas Razorback Net 6:30pm (Central)	Mon - Sun	<a href="http://arkansasrazorback.net">http://arkansasrazorback.net</a>
0:30	23:30	3.950.00	75	Northern Florida Phone Net - 6:30pm Central	Daily	<a href="http://arrl-nfl.org/?page_id=1458">http://arrl-nfl.org/?page_id=1458</a>
0:30	23:30	3.972.50	75	Kentucky KY Emergency Net - 6:30pm - Central	Mon	<a href="http://www.kyham.net/emcomm/kyares.html">http://www.kyham.net/emcomm/kyares.html</a>
0:30	23:30	3.923.00	75	Tar Heel Emergency Net - North Carolina - 6:30pm - Central	Daily	<a href="http://www.ncarrl.org/nets/THEN/index.html">http://www.ncarrl.org/nets/THEN/index.html</a>
0:30	23:30	3.873.00	75	Texas Traffic Net - 6:30pm - Central	Daily	<a href="http://texastrafficnet.org/">http://texastrafficnet.org/</a>
0:30	23:30	3.947.00	75	Virginia Fone Net - 3pm & 6:30pm - Central	Daily	<a href="http://vfn3947.net/">http://vfn3947.net/</a>
0:30	23:30	3.925.00	75	Gulf Coast Side Band Net 6:30pm Central Time	Daily	<a href="http://gulfcoastsbnet.tripod.com">http://gulfcoastsbnet.tripod.com</a>
0:30	23:30	3.829.00	75	KSTAL Net for The American Legion - 6:30pm Central	Wednesday	<a href="https://www.legion.org/hamradio/monthly-net-schedule">https://www.legion.org/hamradio/monthly-net-schedule</a>
ad hoc		14.336.00	20	Emergency and County Hunters Net - As conditions allow	Daily	<a href="http://www.cquest.com/ch/">http://www.cquest.com/ch/</a>
ad hoc		7.188.00	40	Emergency and County Hunters Net - As conditions allow	Daily	<a href="http://www.cquest.com/ch/">http://www.cquest.com/ch/</a>
ad hoc		3.901.00	75	Emergency and County Hunters Net - As conditions allow	Daily	<a href="http://www.cquest.com/ch/">http://www.cquest.com/ch/</a>
ad hoc		14.325.00	20	Hurricane Watch Net - WX4NHC		<a href="http://www.hwn.org/">http://www.hwn.org/</a>
ad hoc		7.268.00	40	Hurricane Watch Net - WX4NHC		<a href="http://www.hwn.org/">http://www.hwn.org/</a>

**ARRL US Amateur Radio Bands**

Optimum HF Frequencies for Distance Communication	<a href="http://www.arrl.org/files/file/Regulatory/Band%20Chart%20Chart%208_5%20X%2011%20Color.pdf">http://www.arrl.org/files/file/Regulatory/Band%20Chart%20Chart%208_5%20X%2011%20Color.pdf</a>
Global Real Time Ionospheric foF2 Map	<a href="http://www.ips.gov.au/images/HF%20Systems/Global%20HF/HAP%20Charts/Kansas%20City.gif">http://www.ips.gov.au/images/HF%20Systems/Global%20HF/HAP%20Charts/Kansas%20City.gif</a>
Global Real Time Ionospheric T Index Map	<a href="http://www.ips.gov.au/images/HF%20Systems/Global%20HF/Ionospheric%20Map/WorldMap.gif">http://www.ips.gov.au/images/HF%20Systems/Global%20HF/Ionospheric%20Map/WorldMap.gif</a>
NOAA Space Weather Prediction Center - GOES X-ray Flux	<a href="http://www.swpc.noaa.gov/products/goes-x-ray-flux">http://www.swpc.noaa.gov/products/goes-x-ray-flux</a>
Estimated Planetary K index - 3 Hour Data	<a href="http://services.swpc.noaa.gov/images/planetary-k-index.gif">http://services.swpc.noaa.gov/images/planetary-k-index.gif</a>
NOAA Space Weather Prediction Center - Radio Communications Dashboard	<a href="http://www.swpc.noaa.gov/communities/radio-communications">http://www.swpc.noaa.gov/communities/radio-communications</a>
HF PACK All day, various frequencies & times	<a href="http://www.hfpack.com/">http://www.hfpack.com/</a>
SATERN - Salvation Army Team Emergency Radio Network	<a href="http://satern.org/">http://satern.org/</a>
Multiple Nets all on 14.300 MHZ Every Day	<a href="http://14300.net/">http://14300.net/</a>
SOTA - Summits on the Air	<a href="https://www.sota.org.uk/">https://www.sota.org.uk/</a>
POTA - Parks on the Air	<a href="https://parksonthear.com/">https://parksonthear.com/</a>

- Key :**
- Friendly Chat Nets - Some of which have huge lists of stations to work through !
  - Radio Equipment Nets
  - Military Service Net - proof of military service required for membership
  - ARRL Emergency and/or Traffic Nets - Passing Formal Traffic, etc. State Emergency Nets are often on these Freq.
  - Net to facilitate HF contacts between mobiles and base stations. All check ins welcome
  - RV or Recreational Vehicle nets
  - Worked All States nets. They take a list and give you a chance to call for a state you need for your WAS certification
  - EMERGENCY NET - As Needed
  - Maritime or Marine Mobile Net

Midnight  
Noon

3.733.0 US General licensee cannot transmit on this frequency  
3.755.0 Us General licensee cannot transmit on this frequency

Verification column. Dark green indicates this sked/data was verified in 2018  
The sked for each net was last verified in 2016-2017.  
Verified 2019

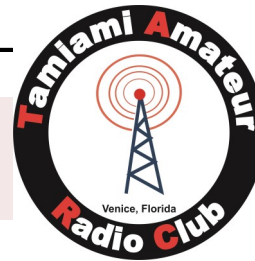
**A** General Class license training and test preparation course will begin on Sunday, September 20, 2020 followed by 7 weeks of online self-study using "Ham Test Online" materials and weekly Zoom video meetings with TARC club members to supplement and reinforce what is being learned on line. Complete information about the course can be found on our website at: <http://tamiamiarc.org/general-class-license-training-course-2/>



**Individuals wishing to sign up for the course may contact Paul, KN4BAR by email to paul9aber@gmail.com or by phone to 941-468-3843.** This training format is a good compromise of training vs. safety in these days of Covid-19. Special thanks to the following TARC club members who will be moderating these online training sessions: **Andy, KB1HIP, Chet, KG4IYS, Steve, NS4P, Paul, KN4BAR**

73....Paul, KN4BAR

# September 2020



Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<b>1</b> <i>Breakfast @ Peaches *</i> <b>DMR net @ 7:30 PM</b> <b>W4AC 444.1</b> <b>TAC 315</b>	<b>2</b>	<b>3</b> <b>TARC net @ 7:30 PM</b> <b>W4AC / RPT 146.805 **</b> <b>+10M net</b>	<b>4</b> <i>Breakfast @ Peaches *</i>	<b>5</b>
<b>6</b>	<b>7</b> <i>QCWA 11:30 AM Denny's Bee Ridge Road</i>	<b>8</b> <i>Breakfast @ Peaches *</i> <b>DMR net @ 7:30 PM</b> <b>W4AC 444.1</b> <b>TAC 315</b>	<b>9</b> <u><b>TARC meeting 7:00 PM via ZOOM.</b></u> <u><b>See Groups.io for inst.</b></u>	<b>10</b> <b>TARC net @ 7:30 PM</b> <b>W4AC / RPT 146.805 **</b> <b>+10M net</b>	<b>11</b> <i>Breakfast @ Peaches *</i>	<b>12</b> <b>TARC VE session @ NS4P residence</b>
<b>13</b>	<b>14</b>	<b>15</b> <i>Breakfast @ Peaches *</i> <b>DMR net @ 7:30 PM</b> <b>W4AC 444.1</b> <b>TAC 315</b>	<b>16</b>	<b>17</b> <b>TARC net @ 7:30 PM</b> <b>W4AC / RPT 146.805 **</b> <b>+10M net</b>	<b>18</b> <i>Breakfast @ Peaches *</i>	<b>19</b>
<b>20</b>	<b>21</b>	<b>22</b> <i>Breakfast @ Peaches *</i> <b>DMR net @ 7:30 PM</b> <b>W4AC 444.1</b> <b>TAC 315</b>	<b>23</b>	<b>24</b> <b>TARC net @ 7:30 PM</b> <b>W4AC / RPT 146.805 **</b> <b>+10M net</b>	<b>25</b> <i>Breakfast @ Peaches *</i>	<b>26</b>
<b>27</b>	<b>28</b>	<b>29</b> <i>Breakfast @ Peaches *</i> <b>DMR net @ 7:30 PM</b> <b>W4AC 444.1</b> <b>TAC 315</b>	<b>30</b>	<b>10 meter net is on 28.450 MHz</b>	<i>* Peaches opens at 6:00 AM. Orders taken at 7:00</i>	

**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.

Editor - San Yoder, K3SY, who acknowledges and thanks these contributing writers this month: Jim Shortill, KJ4NDO, Patti Phillips, N4IGI, Jack Sproat, W4JS, Paul Nienaber, KN4BAR, Brian Jacobson, W1JBD, and Frank Wroblewski, W2XYZ.

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

### 2020 TARC officers:

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Steve Phillips NS4P  
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#### Secretary

Patti Phillips N4IGI  
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[w2xyz@arrl.net](mailto:w2xyz@arrl.net)

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San Yoder	K3SY	<a href="mailto:k3sy.73@verizon.net">k3sy.73@verizon.net</a>

## TAMIAMI AMATEUR RADIO CLUB, INC. - Membership Application

NAME \_\_\_\_\_ 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](http://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: 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>

Contact: Secretary, Patti Phillips, N4IGI - [secretary@tamiamiarc.org](mailto:secretary@tamiamiarc.org)

