



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>

April, 2020

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President's message...KJ4NDO

We live in exciting times. And as the song says, "The times they are a changing." I just received notice that the Mayor of Washington, DC, Virginia's Governor Northam and Maryland's Governor Hogan have extended the prohibition on mass gatherings during this public health emergency to April 25. I've also noticed that the silence between dialing a number and contact is a noticeable amount longer for cell phone calls made to Maine or Connecticut. I don't know when the ban on public gatherings will be lifted. But I do know that our club will continue to hold our monthly meetings, both for the technical expertise they develop and for the fellowship of men and women who are dedicated to the art and science of communicating, come what may.



As Ted Fugate, former FEMA administrator says, "When everything else fails...amateur radio oft times is our last line of defense." We are communicators. We are, for sure, going to get together and communicate as technically proficient ham operators do. Our monthly meeting will be held on April 8, 2020, at 7:00PM, on our TARC 2-meter frequency, 146.805 MHz, (-) PL tone 100 Hz. I'll welcome all, and begin our meeting with the Pledge of Allegiance, and then call upon the membership not already signed in by E-mail with the Secretary, to identify themselves by name, call sign and town. We must speak slowly and say the call sign phonetically, as the Secretary will be recording the names on the club sign roster. Our meeting will then proceed apace, as the agenda requires.

We'll continue to meet on this frequency every month until we can again physically come together at the US Coast Guard Auxiliary station. To that meeting I'll bring the cookies and the cake.

Keep Safe.

73 to all, Jim, KJ4NDO

TARC virtual meeting scheduled for 7:00 PM, April 08, 2020

The meeting will be held on the TARC 2-meter repeater—146.805 MHz (-), PL100 hZ.



STAY SAFE!

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 03/11/20 Meeting*

The meeting was called to order at 7:02 p.m. by president Shortill, KJ4NDO. The pledge to the flag followed. Introductions were made by name and call sign.

MINUTES: The minutes of the February 12, 2020 meeting as published in The Communicator, were accepted by motion made, seconded, and approved.

CORRESPONDENCE: TARC received one club membership renewal.

TREASURER'S REPORT: Treasurer Frank Wroblewski, W2XYZ, reported a beginning balance of \$5,062.20, receipts of \$3,796.90, expenses of \$4,138.49, and an ending balance for the month of February of \$4,730.61. Frank explained that the club receipts included the sale of old club equipment at HamCation and the expenses included the purchase of two new Icom 7300 radios and the cost of the bus and bus driver tip for HamCation. The treasurer's report was approved by the membership.

SUNSHINE: Bruce Doris, WA8IQF, after 66 years of type 1 diabetes has just started dialysis last week. Captain Bob, W5GJ, had a knee replacement last Friday.

We wish Bruce and Captain Bob the best. Dick Engel's (AA4PE) XYL, Mary, is scheduled for eye surgery. We wish everyone the best.

VE TESTING: Steve Phillips, NS4P, reported via email the February TARC VE session was held at the Venice Library on Saturday, February 15th instead of the normal 2nd Saturday so our team members could attend HamCation. We had three candidates take exams. Two candidates took and passed the technician exam and the third successfully upgraded from tech to general.

The next session will be held at the Venice Library on Saturday, March 14th.

Thanks to all the TARC VE team members for another fabulous session.

LIAISON TO QCWA: Al Culbert, K0AL, stated that 19 people attended the QCWA lunch. Hans Napfel, WB2ZZB, presented "Cockpit Voice Recorders and Flight Data Recorders".

REPEATER / TECHNICAL: Frank Wroblewski, W2XYZ, reported that both the digital and analog repeaters were working well, and the nets are getting

populated. The frequency for the digital operations is talk group TAC 311. The club 2-meter analog repeater frequency is 146.805 MHz (-) PL 100. The digital net opens Tuesday at 7:30 PM and about 10 people participate weekly. The 2 meter net opens Thursday at 7:30 PM and two weeks ago we had 18 people check in. 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. The 10 meter frequency was chosen so novice/technician licensees could participate. About six people check in on the 10 meter net.

The club is looking for some volunteers to clean up the repeater site. The cleanup involves light yardwork. If you are interested, please contact Frank Wroblewski, W2XYZ.

Jim Shortill, KJ4NDO, mentioned that his brother's ham radio club in Maine is shutting down and he is going to see if their repeaters are available for sale.

MEMBERSHIP: Paul Nienaber, KN4BAR is cleaning and scrubbing the club roster. If you did not pay your dues for 2020 you will be dropped from the club roster and will no longer receive The Communicator and have club voting rights until your dues are paid. Paul reported that there are 90 regular members, 17 first year free members, 0 student members, 1 comp member, and 7 life members for a total of 115 members.

OLD BUSINESS: 1. **Fox Hunting:** Paul Nienaber, KN4BAR, reported that Tom Wilson, W1ICU, was a natural hound on February 24 as he was the first to find both foxes. The next fox hunting event will be on March 23 at 9:00 a.m. If you are interested in participating, please email Paul at paul9aber@gmail.com. Tom reported that he has extra tape measures so, if you are interested in building a tape measure antenna, email Tom.

2. **Megalodon Weekend:** Steve Phillips, NS4P, coordinated the radio communications for the Shark's Tooth 10K race this past Saturday and the Shark Fin 5K race on Sunday. We used DMR radios on the Local 9 repeater and all went well in spite of the "bitter" cold temperatures. Steve

Continued >>>>

Minutes, con't

would like to thank all who participated in this fun event.

3. **Sarasota Emergency Radio Club Hamfest:** Paul Nienaber, KN4BAR. The SERC Hamfest is scheduled for March 28, 2020 from 7:00 AM to 2:00 PM at the American Red Cross on Cantu Ct. The theme for the event is digital communications. [Note: After the TARC meeting, this event was canceled due to Coronavirus restrictions.]

4. **Shark Tooth Festival:** Jim Shortill, KJ4NDO mentioned that the Shark's Tooth Festival is still on for April 3 to 5 but that may change at any time due to COVID-19. [Note: After the TARC meeting, this event was canceled due to Coronavirus restrictions.]

5. **FL QSO Party:** This is a 20-hour event spread over two days (April 25 & 26). The event will be held at Al's (K0AL) house.

6. **Battle of the Bridges Test** - Paul, KN4BAR stated that on March 4 a small group tested the TARC DMR, Laurel Road, Jacaranda Trace and the dual-band repeater on the intracoastal waterway. All repeaters provided good service, with Jacaranda Trace providing the best coverage. For the Battle of the Bridges Regatta the club has decided to use the Jacaranda Trace repeater (442.050 100 pl). A special thank you goes out to Stevie Barker, W4INK, who reserved and rented a boat from Freedom Boat Club for this test.

7. **Rotating Net Control Operators for Digital and Analog Nets:** Frank Wroblewski, W2XYZ, San Yoder, K3SY, and Steve Philips, NS4P, have been the club's

net controllers. They are looking for volunteers to run a net or two and they already have a script prepared. Please reach out to one of them and try being a net control operator.

8. **Club Station committee:** The Club Station committee is still collecting information for a club station. More time is needed in setting up a remote station as difficulties are being encountered with the software.

NEW BUSINESS: 1. Hans, WB2ZZB, is moving to a retirement home and is selling his equipment. Please contact Hans if you are interested in buying any of his equipment.

2. **TARC Outgoing QSL Service for Members:** ARRL will send out QSL cards for club members. Brian Jacobson, W1JBD, volunteered to be TARC Club card coordinator. In this role, Brian will collect and periodically mail the QSL cards to ARRL. If you want Brian to perform this service for you, you must bundle your cards by prefix, wrap them with a rubber band, place a slip of paper on top of the bundle with your callsign, name, and ARRL number, and give the bundle to Brian. Brian will ship the cards to ARRL on your behalf. ARRL will ship the cards when they have full pallets. More detailed instructions will be posted on Groups.io.

ADJOURNMENT: The meeting adjourned at 7:50 PM. There were 31 members and 5 visitors present. Andy Bobak, N2NDQ, won \$22.00 in the 50-50 drawing.

Program: Hans Napfel, WB2ZZB, presented "Cockpit Voice Recorders and Flight Data Recorders".

The Associated Press TALLAHASSEE, FLA.

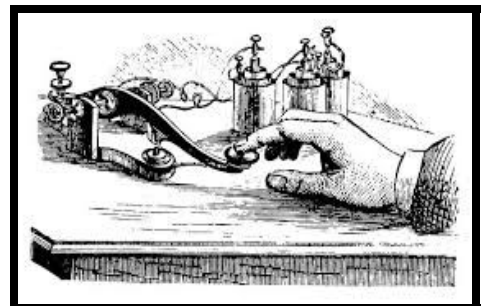
The telegraph era in Florida is ending without a flash. The Florida Senate sent Republican Gov. Ron DeSantis a bill Thursday that removes an entire chapter of state law regulating the telegraph industry, including \$50 penalties for not promptly delivering messages.

In the days before hash tags, texts and FaceTime chats, telegraphs were a big deal. Western Union completed the first trans-

continental telegraph line in 1861, dealing a death blow to the struggling Pony Express, which began operations the year before.

Florida laws regarding telegraphs haven't had any substantial changes since 1913 and there haven't been any court opinions involving the statutes since 1945, according to a legislative staff analysis. The bill passed unanimously. If DeSantis signs the bill, the telegraph

regulations will be removed from law on July 1. Until then, telegraph operators can still be held liable for any mental anguish or physical suffering caused by a delayed delivery of a message.



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	BEARING	HF BANDS and BEST OPENING TIMES (UTC)							
			80	40	30	20	17	15	12	10
Papua New Guinea – P29ZL by KD5SS, FT8	Now to Mid-May	283	NO	09-11	08-12	13-15	NO	NO	NO	NO
Turkey – TC1STAYHOME by YMIKE	Now to 25 May	44	01-03	23-06	22-02	11-21	16-19	NO	NO	NO
Guantanamo Bay – KG4NE by NM7H, FT8	Now to 04 May	135	21-13	00-24	11-04	16-01	21-22	NO	NO	NO
Norfolk Is – VK9NK by SP9FIH, SB/RV/FT	Now to 12 April	250	NO	06-12	05-13	13-14	01-03	23-02	21-02	2100
Czech Rep. – OL30DXC by OK2KDX Club	01 Apr – 31 Dec	42	00-06	23-08	21-01	12-21	NO	NO	NO	NO
Czech rep. – OL700CO (+LTV & DKO)	01 Apr – 31 Dec	42	00-06	23-08	21-01	12-21	NO	NO	NO	NO
Slovenia – S50EARTH by S59FOP	01 to 30 April	45	00-06	22-08	21-02	11-21	19-20	NO	NO	NO
France – TM15DXXE by DXXE Club	01 to 15 April	45	00-07	22-09	21-02	11-22	19-20	NO	NO	NO
Spain – AO5DXX by EA5U DXXE team	01 to 15 April	55	00-07	22-09	21-02	11-22	16-21	NO	NO	NO
Canary Is – AO5DXX/8 by EA8RM team	01 to 15 April	72	23-08	21-10	20-06	17-24	17-22	19-21	NO	NO
Russia – R207RRC by 3 op team : new IOTA	03 to 10 April	336	--	05-12	NO	22-02	--	NO	--	--

Prepared 30 March 2020 based on the 30 March 2020 *The Weekly DX*, Ohio/Penn DX Bulletin #1458, and <https://dx-world.net/>

Notes: Times shown are for S-5 or better signals and 60% or better opening probability. ??? = Call Sign 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/>.

-- MARCH SOLAR ACTIVITY --

Through 30 March, the 10.7 cm Solar Flux ranged from 68 to 72, with a mean value of 70.1. The A_p index was ≥ 7 on 12 days.

There were two small sunspot groups (2 – 3 spots) on 08-09 March.

-- APRIL FORECAST --

Solar activity is expected to be very low throughout the month.

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 19-22 Apr, and normal to moderate levels are expected to prevail throughout the remainder of the outlook period.

Geomagnetic field activity is expected to reach active levels on 15 and 20 April. Generally quiet or quiet to unsettled conditions are expected to prevail throughout the remainder of the month.

The 10.7 cm Solar Flux should range between 68 and 70 and average 69 during April.

(From NOAA *Weekly Highlights and Forecasts*, 30 March 2020, NOAA *27-day Space Weather Outlook Table*, 30 March 2020, and 45 *Day AP Forecast*, USAF, 30 March 2020.)

-- DJIBOUTI – FUTURE DXPEDITIONS --

The following, by Cole @ DX-world was published 23 March 2020.

I recently chatted with the Head of Radio and Frequencies in Djibouti. I had made acquaintance with this gentleman while organising and planning the ill-fated J20DX DXpedition in 2019. We also met while on the ground in that country as he tried (in vain) to help us with our local issues, so we struck up a fair rapport back then.

Few days ago, I learned that the Head is now trying to create a new Association of Radio Amateurs in Djibouti in order to be of a service to local and international radio hams who may want to operate in his country. His main goal is to be able to create all possible links to facilitate radio amateurs and to have a good stay, but he must firstly finalise all the possible steps to develop the new association.

Let's hope this opens the doors to future J2 expeditions without the hassle both J20DX and the recent German team encountered.

(I) Will update when I hear more. *Let's hope something positive comes of this.*

-- TC1STAYHOME --

This is a Turkish Special Event call sign for the awareness of COVID-19 pandemic. "For a couple of weeks; stay home, stay safe please. We'll be on air between 27.03.2020 - 25.05.2020. Hope this threat leaves our World before..."

(From <https://www.dx-world.net/tc1stayhome-turkey-covid-19-awareness/>)

-- V31HQ – BELIZE ARC BURNED DOWN --

Marc-V31MA writes to inform that the Belize Amateur Radio Club shack (V31HQ) has burned down. Nobody was injured, however Andre V31DL (owner of the shack) lost all equipment.

(From <https://www.dx-world.net/v31hq-burned-down-help-needed/>)

-- R207RRC – NEW IOTA AS-207 --

The R207RRC DXpedition to Kosa Dvukh Pilotov Island is dedicated to the memory of the American pilots who died there in 1929 - pilot Ben Eielson and his flight mechanic Earl Borland. (From <https://www.dx-world.net/>)

Regatta rehearsal



X-band site 1

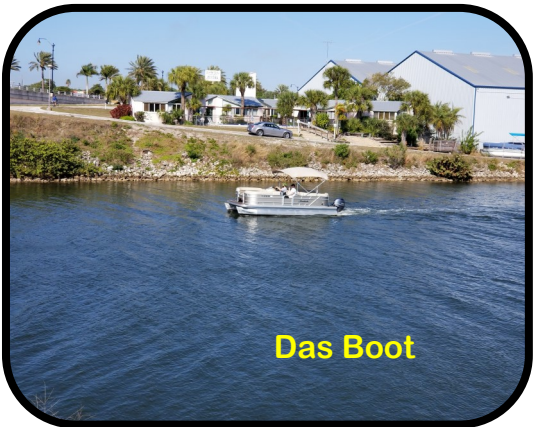
On March 4th BCVS (before Corona Virus shutdown), a group of a dozen – give or take a couple – met to test communications for anticipated TARC participation in the third annual Battle of the Bridges Regatta. Four critical positions and four repeater options were tested to determine the optimal operating configuration.

The locations were:

1. Finish line – just north of the Hatchett Creek bridge on the east side of the Intra Coastal Waterway (ICW).
2. Race Control – on the east side of the ICW at the boat launch ramp in the Venice Train Depot by the Venice Avenue bridge.
3. Start Line – on the east side of the ICW approximately 300 yards south of the Friendship Center in Venice.
4. Start Line Boat #7 – operates on the ICW, and during the race the boat moves north and south of the start line by 100 to 200 yards.



X-band site 2



Das Boot



Finish line



The Crew

Repeaters tested were:

- A. N4SER repeater, 146.13 (-) PL 100.0 Hz on the Laurel road tower.
- B. KB2WVY repeater, 442.05 MHz (+) PL 100.0 Hz, on the Jacaranda Trace building.
- C. W4AC DMR repeater 444.100 (+) CC1, TG local 9, on the TARC Englewood tower.
- D. Local dual-band repeater located at Center Rd./Center Ct. near the Circus Bridge.

All options proved viable with the KB2WVY giving the best coverage.

A special thanks to Stevie, W4INK for captaining Das Boot!

Sharks's Tooth Magalodon Weekend

Hope no one mistakes Harbor Drive for an airport runway!



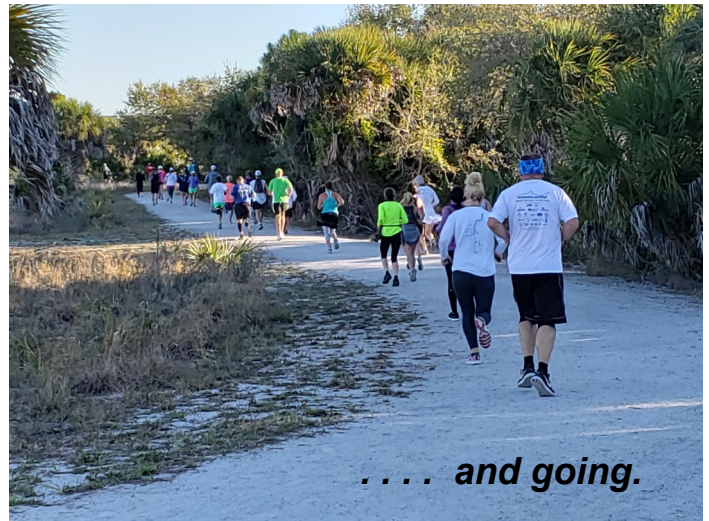
Radios ready—let's boogie!



Jeff keeps a watchful eye on the runners coming



. . . . and going.



Yuli celebrating her finish



The frozen chosen





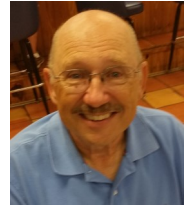
In 2007 the FCC dropped the Morse code requirement for obtaining an Amateur Radio license. One would think 13 years later CW on the ham bands would be unheard of. One would especially think the rise of digital communications such as PSK-31, Olivia, JT65, JT9 and others, including the now well-known mode called FT8, would be the demise of Morse code. For the most part, the digital modes are often faster, more reliable, more sensitive to weak signals and need essentially little or no training to begin using them. It seems strange, and I can't quote numbers, but it seems to me there is just as much activity with CW nowadays as there was in 2007.

Some might say the attraction to CW is its simplicity. You don't need a computer or fancy interfaces to contact someone with CW. Others disagree and feel the mode is still viable because people that got their license prior to 2007 learned Morse code and are still around and active on the bands. There might even be a few that say code is popular because real men (and maybe women too) won't eat quiche or sissy-salads and they know Morse code. I don't know the real answer to that question, but I know a lot of new and younger hams want to learn and use CW. How do I know that, because I've seen it in CW Academy and heard many younger hams on the air.

I used to be a "phone-guy" until my hearing worsened about 15 years ago. It became increasingly difficult to understand call signs unless they were spelled phonetically. I finally realized it was time to put away the microphone, and either dig out the straight key or learn to play tennis. I already knew some CW because I had to learn it in order to get my license. I had no problem tapping out code about 15 wpm and writing everything down. I made many hundreds of QSO's at 15 wpm. Things went well until one day, I was bitten by the contesting bug.

Contesting is all about the Q's. Namely, how many QSO's you can make in a given period of time to maximize your score. Other factors also play a role, such as special prefixes, or maybe locations, or whatever; however it all comes down to speed. The faster you are, the better your score. It's not that I'm

trying to win a contest, I truly don't stand a chance of doing that, but the 'other' guys are phreakin' speed demons...compared to my 15 wpm. US contesters usually operate between 25-30 wpm. Europeans, especially those from the former Soviet Union send at 30-40+ wpm. The old adage about, "If you can't hear them, you can't work them" applies here too. If you don't know what they're sending, they'll never be in your log-book.



I needed a better method. TAH-DAH! (trumpets sounding). Enter CW Academy. CW Academy is a **FREE** online school to help you improve your Morse code abilities--or lack of thereof. It's sponsored by the international club called "CWops." These guys love CW and want to help you love it too. They sponsor four different levels of instruction that take a student from no coding ability to contesting at 30 wpm. The course consists of two one-hour sessions each week, for 8 weeks, but wait, there's more. You are also expected to do homework/practice each day. That may sound like a lot, but really it's more fun than work. Classes are conducted four times a year, Jan-Feb, Apr-May, Jul-Aug, Oct-Nov. Classes meet online using the free video conferencing program called "Zoom." Most classes consist of 4-5 students and an instructor. The classes are informal and have a fun atmosphere to them.

You've probably heard it said that learning code is like learning another language. A true statement, and like learning a language, unless you practice it, you will not get any better than you were on graduation day. The Academy gives you the techniques, develops the skills, and inspires the confidence you need to succeed. Does it work? Will attending CW Academy improve my skills? Yes, it can, and it does. A month ago I finished the Advanced course. From my own experience I know that I can now contest with the 'big boys'. Previously I had to pull apart the call sign of the calling station one letter at a time until I knew who was calling CQ. Now I get their call on the first or second time they send it. If you are interested in becoming proficient in CW, the first step is to check out the CWops web site at: <http://www.cwops.org> You'll find all you need to know about the organization, what they offer for instruction, how to sign-up, and more. Any specific questions you don't find an answer to, you can speak with me about it and I'll try my best to answer you.



What do we do when as a club we enjoy occupation of a repeater site with antennas on a 200 foot tower graciously hosted by a club member, and the tower guys disappear in the bushes? We call upon our multi-talented force of volunteers to take remedial action.

That's exactly what happened recently when five of TARC's best showed up at Paul Morris Drive and took care of business. Our thanks for their efforts. (They didn't have to go to the gym that day)!



The Brush Hogs

*** CQ FLORIDA HAMS ***

The 2020 **Florida QSO Party** will be held April 25 and 26; we sure hope you'll join us by activating your FL HF stations – home, club, school, mobile and rover all welcomed. Let's make all 67 counties RADIO-ACTIVE!

Please check out the rules and further details at our **Web Site:** <http://www.floridagsoparty.org/>

The Florida QSO Party

Object: Everyone works Florida, Florida works Everyone
Activate and work ALL Florida counties
Have as much FUN as possible!

When: **April 25 & 26, 2020**

Two ten hour operating periods, with a ten hour break:
Saturday, April 25 1600Z (Noon EDT) - 0159Z (9:59 PM EDT)
Sunday, April 26 1200Z (8 AM EDT) - 2159Z (5:59 PM EDT)
20 Hours total

Exchange: RST and County (Florida stations)
RST and QTH (State, Province or Country for non-FL)

Where: 10, 15, 20 and 40 Meters

SUGGESTED OPERATING FREQUENCIES:

CW: 7.020-7.045, 14.025-14.055, 21.030-21.050, 28.030-28.050 MHz

Phone: 7.185-7.245, 14.240-14.295, 21.320-21.350, and 28.450-28.480 MHz

Contacts outside these frequency ranges are still valid; see rules for details.

MOBILE WINDOW:

We expect that several Mobile stations will be on and most can be found here:

CW: 7.025-7.035, 14.040-14.050, 21.040-21.050, 28.040-28.050 MHz

SSB: 7.230-7.240, 14.265-14.275 MHz

*If you are not mobile, *please* refrain from calling CQ in these windows.*

Categories:

Single Op, Multi Op, Multi-Multi, Mobile, Expedition, Technician and School.

Three power levels: QRP, Low, and High Power.

Use CW, SSB or both.

23rd Anniversary Special Event Award- 2020 FQP Spelling Bee!

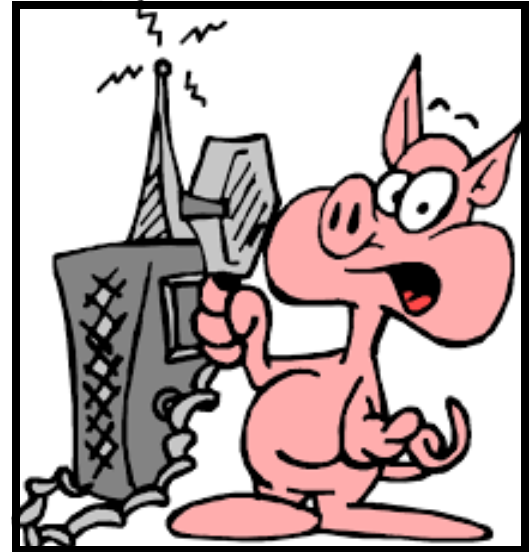
We will have a total of 7 special 1x1 stations below whose suffixes spell **LOVEBUG**. Contact all 7 of these 1x1 stations to earn this award. These stations will be on both modes full-time and should be very accessible. QSL these 1x1 calls active in FQP via KU9C direct or via bureau.

Prizes: Beautiful color Certificates for top participants

Plaques for top finishing entrants.

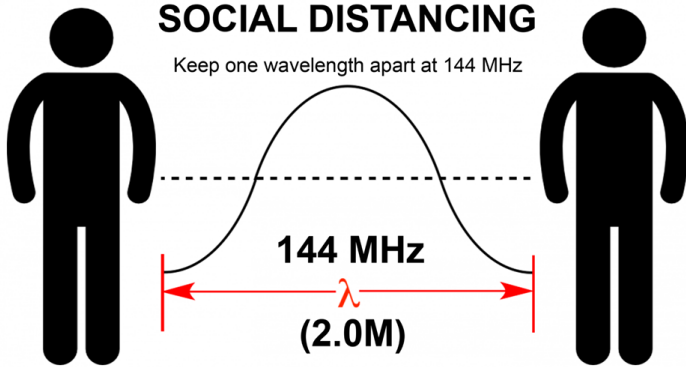
Web Site: <http://www.floridagsoparty.org/>

Detailed rules, mobile routes, past results, plaques, county maps and much more!

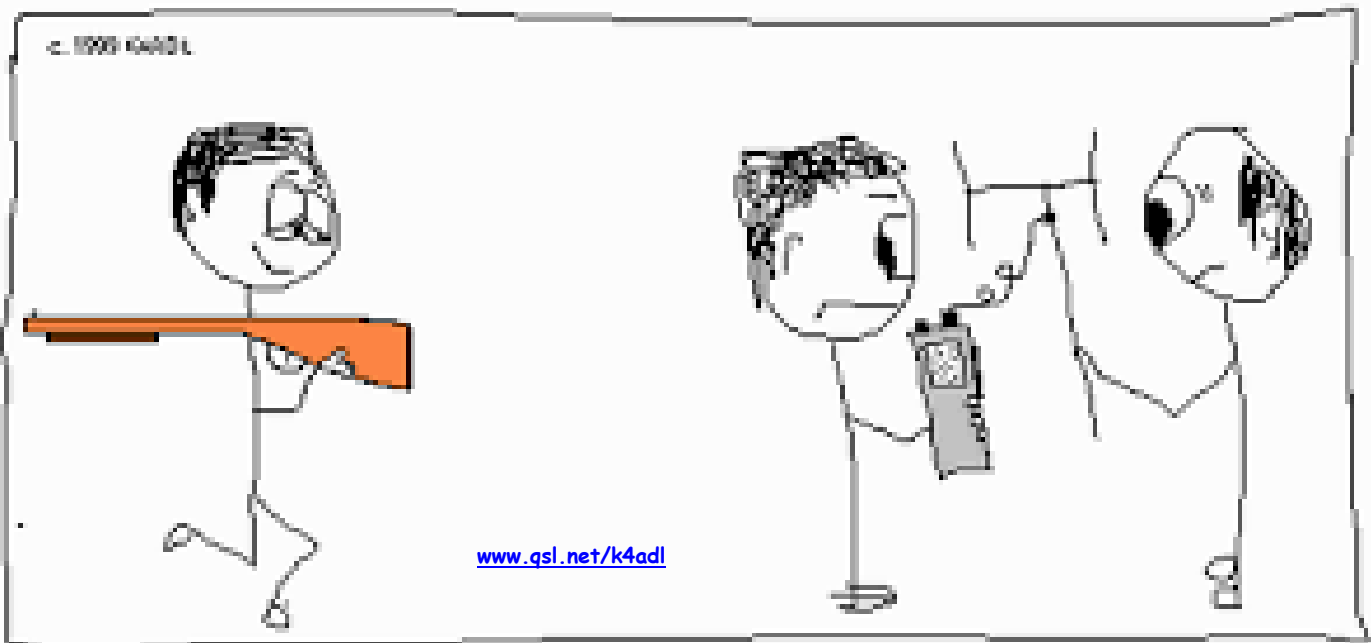


Amateur radio enthusiast guide to SOCIAL DISTANCING

Keep one wavelength apart at 144 MHz



Since we are all exercising "Social DX'ing," now would be a perfect time to turn your radios on and spend some time on the air. Accordingly, I plan to be on 40 meters, 7.122mhz, at 1100 local time ((1500Z)) beginning March 31st. and each morning going forth. I'll call CQ and you are invited to call-in for a quick QSO, rag chew or simply a signal report exchange. I'll slow down or speed up to match your speed. Please note: All licensees, including Novice and Technician can operate CW on 7.122mhz..... Don't be shy; turn on your radio and join me!!!!
73....//Steve K4EU



NEVER ONE TO PAY CLOSE ATTENTION AT CLUB MEETINGS,
PHILLIP ARRIVES INCORRECTLY EQUIPPED FOR THE ANNUAL FOX HUNT.



TOM'S TECH TIPS: Unlocking a Restricted PDF Document

Some PDF documents come with restrictions that attempt to prohibit printing the document or copying data from it. This can be annoying, particularly if you have a legitimate need to print the document, extract text, or even edit it. Fortunately, there's a workaround.



Adobe's PDF protections are not unlike an easily picked lock on a cardboard door. Many people seem not to know that, though, and assume that there's no way to unlock a locked file. Online2PDF.com can help with that. In addition, the site's online PDF converter can accept Word, Excel, PowerPoint, and a lot of other file types and convert them to PDF. Microsoft Office applications can already save files in PDF format, Windows 10 has a PDF creation utility built in, and there are several free apps that create a virtual printer that can create a PDF from any application that has a print function.

April 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>All events except over-the-air contacts are cancelled until further notice.</p>			<p>1</p> 	<p>2</p> <p>TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net</p>	<p>3</p> <p>Breakfast @ Peaches *</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>K4S Activation—check Web Site for details</p> </div>	<p>4</p> <p>Breakfast @ DAV 9:30</p>
<p>5</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>K4S</p> </div>	<p>6</p> <p>QCWA 11:30 AM Denny's Bee Ridge Road</p>	<p>7</p> <p>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</p>	<p>8</p> <p>IHOP 8:30</p> <div style="border: 1px solid blue; padding: 5px; margin-top: 5px;"> <p>TARC meeting 7:00 PM on 146.805 repeater</p> </div>	<p>9</p> <p>TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net</p>	<p>10</p> <p>Breakfast @ Peaches *</p>	<p>11</p> <p>DAV 9:30</p> <p>TARC VE session @ Venice Public Library 10:00</p>
<p>12</p> 	<p>13</p>	<p>14</p> <p>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</p>	<p>15</p> <p>Breakfast @ IHOP 8:30</p>	<p>16</p> <p>TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net</p>	<p>17</p> <p>Breakfast @ Peaches *</p>	<p>18</p> <p>Breakfast @ DAV 9:30</p>
<p>19</p>	<p>20</p>	<p>21</p> <p>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</p>	<p>22</p> <p>Breakfast @ IHOP 8:30</p>	<p>23</p> <p>TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net</p>	<p>24</p> <p>Breakfast @ Peaches *</p>	<p>25</p> <p>DAV 9:30</p> <p style="text-align: center;">FL QSO Party</p>
<p>26</p> <p style="text-align: center;">FL QSO Party</p>	<p>27</p>	<p>28</p> <p>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</p>	<p>29</p>	<p>30</p> <p>TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net</p>		

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.

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

2020 TARC officers:

President

Jim Shortill KJ4NDO
jnmshortill@netscape.net

Vice president

Steve Phillips NS4P
sphillips3@gmail.com

Secretary

Patti Phillips N4IGI
pat.phillips3@gmail.com

Treasurer

Frank Wroblewski W2XYZ
w2xyz@arrl.net

Directors:

Peter Boers	KV4LR	peterboers@ieee.org
Andy Durette	KB1HIP	af_durette@hotmail.com
Chet Fennell	KG4IYS	chet_fennell@msn.com
Gary Hagens	K6OC	g.hagens@verizon.net
Guenther Hennig	AJ4QX	aj4qx@hotmail.com
Paul Nienaber	KN4BAR	paul9aber@gmail.com
Tom Shrilla	W8QJF	tshrilla@gmail.com
San Yoder	K3SY	k3sy.73@verizon.net

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Contact: Secretary, Patti Phillips, N4IGI - pat.phillips3@gmail.com

