Newsletter of the TAMIAMI AMATEUR RADIO CLUB, (TARC), Venice, Florida

**FHE COMMUNIC&TOR** 

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

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

#### Incorporated 1984

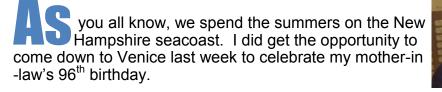
http://www.tamiamiarc.org

September, 2019

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<u>Next Month</u> Report on TARC @ The Second Annual Battle of the Bridges Regatta

# President's message



While I was in Florida, I ran the monthly DARN net since Jim Shortill, KJ4NDO, is in Maine visiting his brothers. We are back in NH now, and we will come back down to Venice at the end of September.

I have been checking in the 2-meter TARC Net using Echolink on Thursday evenings at 7:30 PM. It works great. If you don't have a 2-meter analog radio, or are far away even in a different country, you can join the net using the Echolink program/application on your computer or smartphone. The net is using the W2XYZ -571146 node. Please see Frank Wroblewski, W2XYZ, if you need some help to set up your computer or smartphone.

The summer is coming to an end, and the club activities for the fall and winter season are beginning. Paul Nienaber, KN4BAR, is coordinating the TARC efforts to provide communications for the Battle of the Bridges Regatta on September 28. We need more operators, so contact Paul if you can help.

Paul has also started to plan a Technician course for the October/ November time frame. More details to follow.

The TARC monthly meeting will resume on September 11. In my absence, Gary Hagens, K6OC, will chair the meeting.

I hope everyone has an enjoyable September.

VY 73 to All de Andy-KB1HIP

# Next meeting September 11, 2019

Our meeting will start at **7:00 PM** on Wednesday, **11 September, 2019** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive.



## TAMIAMI AMATEUR RADIO CLUB Minutes of the 06/12/19 Meeting

The meeting was called to order at 7:03 PM by President Durette, KB1HIP. The pledge to the flag followed. Introductions were made by name and call sign.

**MINUTES:** The minutes of the May 8, 2019 meeting as published in the Communicator, were accepted by motion made, seconded and approved.

**CORRESPONDENCE:** Letter from Mr. Gordon Holtby. He asked the Club to donate a TYT TH-7800 UHF/ VHF transceiver to the Gran Paradisio community CERT team. The letter was read to the membership. General discussion followed. President Durette put the issue before the membership. The Club voted to deny the request.

**TREASURER'S REPORT:** Treasurer Frank Wroblewski, W2XYZ, reported an ending balance as of May 31, 2019 of \$4,527.78. The Treasurer's report was approved. Part of the income received was a check from Amazon. When members buy products from Amazon and register for the Amazon Smile program, Amazon donates a percentage of the fee to the TARC.

Steve Phillips received a thank you letter from the Florida Hamvention organization for his assistance during the event. \$20.00 thank you dollars were included in the letter. Steve donated the money to TARC.

#### SUNSHINE: N/A

**VE TESTING:** Steve Phillips, WA1ZKN. On June 8th four candidates presented for examination. All passed. Three passed Technician, one passed Amateur Extra. Most of the candidates were from out of the immediate area and were not interested in TARC membership. However Robert Spong, a Technician level graduate of the TARC School, submitted his application to join TARC. I would like to commend Paul Nienaber, KN4BAR, Chet Fennel, KG4IYS, and Andy Durette, KBIHIP, on a stellar job of preparing their students for the General exam.

**LIAISON TO QCWA:** The QCWA end of season meeting was held at Denny's Restaurant on Bee Ridge Road, Sarasota, FL on May 6. In June, about 18 members met informally at the Sweet Tomato restaurant in Sarasota. There was no program. An enjoyable time was had by all.

**REPEATER / TECHNICAL:** Frank Wroblewski, W2XYZ, reported that both the digital and analog repeaters were working well. The frequency for the digital operations is 444.10 MHz, 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. The 2 meter net opens Thursday at 7:30 PM. The 10 meter net is on frequency 28.450 MHz, upper side band, and begins immediately after the conclusion of the 2 meter net. Steve Phillips, WA1ZKN, is net control. The 10 meter frequency was chosen so Novice/Technician licensees could participate. About 12 to 14 members on average participate in these nets every month.

**MEMBERSHIP:** Chet Fennell, KG4IYS, reported that there are 79 Regular members, 34 First Year members, 0 student members, 7 Life and 1 Comp. member, for a total of 121.

**OLD BUSINESS:** 1. Status of Technician and General Licensing courses: Paul Nienaber, KN4BAR. The course schedule for the latter part of the year has not been established. However, members can expect that a Technician licensing course will be held in the fall.

2. Amateur Radio Emergency Support program for Sarasota: Paul Nienaber, KN4BAR, reports that the ARES group is coming together. Sarasota Amateur Radio Emergency Services (SRQARES) is sponsoring first step orientation classes for prospective members. Volunteers may contact the SRQARES site for information.

3. Groups.io: Paul Nienaber, KN4BAR, This is a closed group net, limited to TARC members. 49 members have joined. Our goal is for all TARC members to be on the net so the membership can communicate effectively.

4. Special Olympics Donation: Frank Wroblewski, W2XYZ. Some individuals who responded for a shark tooth from the Shark Tooth Festival station submitted Special Olympics donation money with their QSL Cards. The Club members were asked if they wanted to add to the money currently in hand,

## Minutes, con't

to increase the donation to the Special Olympics program. Members enthusiastically agreed and we passed the hat for donations. In total, adding the \$100.00 the Club authorized at the last meeting, the TARC will be able to donate \$200.00 to Special Olympics.

5. Meeting Suspension: Andy Durettt, KB1HIP, and President. The Club meetings will be suspended during the months of July and August. Club meetings will resume on September 11, 2019.

6. Club Gear Insurance: Frank Wroblewski, W2XYZ. Frank reported that he is still evaluating insurance companies' rates and coverage limitations. Complicating this process is the fact that club gear is stored in various member homes and garages.

**NEW BUSINESS:** Summer Field Day: 1. This event will be held at the US Coast Guard Auxiliary Station, Venice, FL, on June 22nd thru June 23rd. Operating hours will be from 2:00 PM Saturday to 2:00 PM Sunday. We will be working stations on the 160, 80, 40, 20, 15 and 10 meter bands, as well as all higher bands. The Organization will follow the club operations plan, as distributed on Groups.io. This exercise is designed to help amateur radio operators learn to operate in abnormal situations under less than optimal conditions. Contact Andy Durette, KB1HIP, to volunteer.

2. National Lighthouse and Light Ship Weekend: Andy Durette, KB1HIP. This event will be held August 3rd and 4th. Most of our members will be away for the summer. Members are encouraged to participate in this event at Lighthouse sites in their home states.

3. Request for Radio Coverage for Rowing Regatta Competition on Venice Portion of the Intracoastal Waterway: The club received a request from the Sarasota Scullers Rowing Club to provide radio safety over watch/coverage for the September 28th rowing event held on the Intracoastal waterway. The rowing club indicates that previous 5 watt radio coverage did not work. The TARC will undertake this request and evaluate the technical challenge.

4. Net Control Roster: Frank Wroblewski, W2XYZ, San Yoder, K3SY and Steve Phillips, WA1ZKN, run the digital, analog and 10 Meter nets. At times they are hard pressed to meet net time requirements. Learning to run a net is good radio procedural training. Steve recommends that our club develop a monthly roster of members who can conduct the nets. He agreed to develop a sample script and train new net control volunteers. Contact Steve via groups.io or at <a href="mailto:sphillips3@gmail.com">sphillips3@gmail.com</a> if you want to join this happy group.

5. Facebook: Andy Durette, KB1HIP - Please be sure to mention Field Day and TARC on your account. Doing so nets our Club 100 points for use of social media.

**ADJOURNMENT:** The meeting adjourned at 8:10 PM. There were 27 members and visitors present. The 50-50 winner was Mike Lechky, W0MJL. He won \$26.00.

**Program:** There was no program, instead we reviewed club organizational details for Field Day and discussed areas that might present challenges.

# John Donnelly, KY4JD Silent Key

It is with much sadness we report John Donnelly, KY4JD is a silent key. John passed away Friday, June 28, 2019 at the age of 78 years. He was an active northern Kentucky ham, who also spent time in Venice in the winter. John was an electrical engineer and a firefighter with the Ft. Wright Volunteer Fire Dept. for nearly three decades.

He was a member of the Northern Kentucky Amateur Radio Club, the OH-KY-IN Amateur Radio Society, as well as a member of the Tamiami Amateur Radio Club. He was responsible for putting a couple of 440 repeaters on the air in northern Kentucky, made sure the 146.895 K4CO repeater had a home at Edgewood KY, and worked with AD4CC putting the 53.33 repeater on the air at NKU years ago. John also had been heard on DSTAR and DMR from time to time. Online condolences may be made at www.middendorf-funeralhome.com



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#### THE COMMUNICATOR

September, 2019

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	BEAR-	HF BANDS and OPENING TIMES (UTC)							
COUNTRY - CALL SIGN	PERIOD	ING	80	40	30	20	17	15	12	10
New Caledonia – FK8CJ by F6EYB	29 Aug – 31 Dec	258			06-13	11-13	NIL			
Burundi – 9U3TMM by IV3TMM, SB/Digi	31 Aug – 17 Sep	83		01-02	23-05	20-01	17-23	15-23	20-21	NO
Somalia – 6070 by LA7GIA, **	01 to 30 Sept	69	NIL	NIL	23-03	21-00	18-22	18-20	NO	NO
Fiji – 3D2VR by DD0VR, ++	02 to 09 Sept	258	08-10	06-12	05-13	13-14	00-01	23-01	18-01	20-23
Kyrgyzstan – EX6QP by 3-op team, all modes	02 to 15 Sept	17	NIL	NIL	01-02	1200	NIL	NO	NO	NO
Palau – T88PB by JA0JHQ	06 to 09 Sept	309	NIL	10-11	1200	2200	2100	2200	NO	NO
West Kiribati – T30L by 4-op team, all modes	06 to 15 Sept	278	0900	06-12	05-13	12-14	19-23	19-00	21-23	NO
Corsica – TK19IOTA by F8BBL, **	06 to 22 Sept	51	23-06	23-08	21-04	17-22	18-20	NO	NO	NO
South Cook Is – E51SFS by DH5FS, CW/FT8	08 to 16 Sept	245		03-13	03-12	00-03	16-03	17-02	17-01	18-01
Ghana – 9G5QU by KB1QU, CW/FT8/FT4	08 to 21 Sept	88		22-07	21-07	18-05				
Samoa – 5W0VR by DD0VR, ++	09 to 16 Sept	257	0800	05-12	04-13	00-02	17-02	18-02	18-01	NO
Liechtenstein-HB0/DL4APJ,DJ2AX,DL5ARG	12 to 18 Sept	46	00-06	22-09	21-02	13-21	NIL	NO	NO	NO
Palau - T88MK by JO3LVG, CW/SB/Digi	12 to 20 Sept	309	NIL	10-11	1200	2200	2100	2200	NO	NO
Ceuta & Melilla – EA9/DL2JRM	13 to 16 Sept	61	23-07	22-07	20-04	12-22	13-21	19-20	NO	NO
Palau – T88RR/MK/VV/HY/FM&NC	14 to 25 Sept	309	NIL	10-11	1200	2200	2100	2200	NO	NO
Mariana Is-WH0RU by JG7PSJ, CW/SB/RY	15 to 22 Sept	306		09-11	NIL	2200	2100	2100	NO	NO
eSwatini-3DA0AO by HA5AO, CW/RY/FT8	15 to 30 Sept	106	NIL	00-03	0500	NIL	1400	12-17	NO	NO
Tonga – A35JY by DD0VR, ++	16 to 21 Sept	252	0800	05-13	04-13	01-03	00-01	18-02	18-00	19-23
Nauru - C21W by 4-op team, all modes	16 to 25 Sept	279	09-10	07-12	06-13	13-14	21-23	19-24	21-23	NO
South Cook Is – E51SFS by DH5FS, CW/FT8	20 to 25 Sept	245		03-13	03-12	00-03	16-03	17-02	17-01	18-01
Fiji – 3D2?? By DD0VR,++	23 to 27 Sept	258	08-10	06-12	05-13	13-14	00-01	23-01	18-01	20-23
Tonga – A35JT by 4-op team, all modes	24 Sept – 06 Oct	252	0800	05-13	04-13	01-03	00-01	18-02	18-00	19-23
St Pierre & Miquelon-FP/KV1J, SB/RY/FT8	24 Sept – 08 Oct	39	21-11	20-13	10-07	19-02	12-00	12-00	NO	NO
Minami Torishima – JD1BNA, CW/SB/FT8	25 to 30 Sept	308	1000	07-12	11-13	NIL	20-00			
Tanzania – 5H3MB by IK2GZU, SB/CW/RY	29 Sept – 05 Oct	81	NIL	00-01	00-03	22-00	20-22	16-21	2100	NO
Tanzania – 5H3CA & 5H3RRC, CW/SB	29 Sept – 05 Oct	81	NIL	00-01	00-03	22-00	20-22	16-21	2100	NO
Cape Verde Is - D44TWO by DF2WO, Digi	29 Sept – 13 Oct	90	23-08	22-10	20-06	16-23	16-21	17-20	20-21	NO
Liberia – A82X by Italian Team CW/SB/Digi	30 Sept – 11 Oct	93	23-06	22-08	21-09	17-01	17-23	15-22	17-21	NO

Prepared 26 August based on 26 July The Weekly DX, https://dx-world.net/ and http://www.ng3k.com

**Notes:** Times shown are for S-5 or better signals and 60% or better opening probability; ??? = Call Sign not yet known; ++ = Mostly SSB; r = Mostly CW; NO = No Opening forecast, NIL = band is open but signals below S-5 threshold. Long Path bearings and opening times are underlined. Propagation forecasts are calculated using VOACAP http://www.voacap.com/hf/.

#### -- AUGUST SOLAR ACTIVITY --

Through 26 August, the 10.7 cm Solar Flux had a mean value of 67.2. The  $A_p$  index was  $\geq$  7 on six days. Small insignificant sunspots appeared on 05 and 06 August and disappeared.

#### -- SEPTEMBER SOLAR FORECAST -

Solar activity is expected to remain very low throughout the outlook period.

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 02-13 Sep due to recurrent CH HSS influence. Moderate levels are expected throughout the remainder of the period.

Geomagnetic field activity is likely to reach G2 (Moderate) geomagnetic storm levels on 01 and 28 Sep, active levels on 02, 23 and 29 Sep, with unsettled levels on 03, 06-07, 22 and 30 Sep due to recurrent CH HSS effects.

The 10.7 cm Solar Flux is forecast to average 67.1 during September.

(From NOAA Weekly Highlights and Forecasts, 26 August 2019, NOAA 27-day Space Weather Outlook Table, 26 August 2019, and 45 Day AP Forecast, USAF, 26 August 2019 2019)

-- 6070 - SOMALIA --



Ken-LA7GIA is returning to Somalia and will "particularly focus on working NA this time." He will be operating solo for exactly 14 days on all bands 160-10m using mainly CW. It's worth noting Ken's comments about his need for personal security in that unstable nation. Sure must give him lots of credit for going the extra mile!

(From https://dx-world.net/6o7o-somalia/)

#### September, 2019

# FIELD DAY, 2019 By Frank, W2XYZ

The question often arises, "What is Field Day?" We hear it asked by reporters, spouses, neighbors, and even other Hams. By definition it's emergency preparedness training. That may be the definition, but it's not the whole story. Field Day is without question the most participated radio event in all of North America.

It's not supposed to be a contest, but there is a competitive component to it since each operating station collects points and is compared to other stations of similar operating conditions. The name implies it is an outdoor activity, although many stations operate from their home, clubhouse or even an agency, such as the Red Cross or an Emergency Operations Center. Some clubs make it a major social event with an elaborate BBQ which is attended with family members including games for the kids.

A more important question is, "What is Field Day to you?" To me it's all of the above but the competitive component is the most significant to me. Competitive to other clubs, yes, but more so competitive to how well we did this time compared to previous attempts. If measuring success is compared to how we did last year or the year before, then the answer is we did fantastic.

Our club had its first Field Day in 2017. We had 450 bonus points and 356 points from contacts a whopping grand total of 815 points. Last year, 2018, we did pretty well. 1270 bonus points and 598 points from QSO's for a total of 1868 points. We probably would have done a little better had we not shut down two hours early due to thunderstorms. This year, 2019, we really shined. We earned 1490 bonus points and 1734 points from QSO's for a total of 3224 points. That's roughly twice as much as last year and four times as much we had the previous year.

Although we did well with points, there are areas that need improvements—big improvements.

The most prominent one is we were unable to make any phone contacts (actually 16 QSO's). We should have had hundreds of phone QSO's. The problem was compound. For all practical purposes, there were only two



usable HF bands, 20 and 40. 160 and 80 are dead during the day and loaded with noise at night. 15m was available during the day, but experienced extreme fading. That meant the CW, phone and both FT8 stations were confined to operating on 20 and 40. The FT8 stations overloaded the front end of our phone station (and CW station to an extent). Several things were tried to alleviate the problem. We switched to different antennas, lowered transmitter power, built a tunable RF filter, and even changed the phone station transceiver to a modern SDR receiver. Alas, none of that worked.

After Field Day, the take-down crew did some brainstorming on how we can avoid the same problem next year. Some very good suggestions were made, and all of them will be tested before next June. Actually, we plan to use Winter Field Day as our "Guinea Pig." If it works in January, it will work in June. Our most viable solution is more separation between antennas and cross polarization. There is no question about it, those things will help, but will it be enough? Testing will tell. In the meantime, if you have any ideas on how we could improve the operation, we'd be most glad to hear them.

Finally, I'd like to personally thank all club members for their support and to thank all 38 people that showed up at Field Day in one capacity or another that made Field Day possible for the Tamiami Amateur Radio Club. A special note of gratitude to the untiring efforts of the operators that put up with heat, noise, QRM, and little or no sleep. For me, it was fun and I can't wait for FD 2020. **73, Frank Wroblewski, W2XYZ** 

A new "general availability" release of *WSJT-X* that includes the latest FT4 protocol for HF contesting was released on July 15 as part of the *WSJT-X* 2.1.0 suite. FT4 is designed to be suitable for contesting in a manner similar to RTTY. Recommended frequencies for FT4 are **3.568 & 3.0575**, **7.0475**, **10.140**, **14.080**, **18.104**, **21.140**, **24.919**, **28.180**, **50.318**, and **144.170** MHz. Exchanges are limited to what FT4 can accommodate, such as call sign, grid square, and signal report.

# Field Day, 2019 in pictures



# – more field day photos



The SUN press ^ interviewing Steve



SY & ICU admiring shirts



Frank re-fueling on-the-fly with Brian on fire watch



Paul's Go-Box



OI Sol powering ^ Paul's rig



Steve desperately seeking a satellite contact



And it's all over. See you next year!



#### THE COMMUNICATOR

#### September, 2019



TOM'S TECH TIPS: BACKGROUND APPS THAT STEAL WINDOWS 10 PERFORMANCE: If your computer seems to be slower than it should

be, now would be a good time to see what applications are needless-

ly running in the background. It's helpful to have some background apps running, but far too many developers believe that their application should be one of them. It's time to take control of your own computer.

To see what's running open <u>Settings</u> and type **background** in the search panel. Choose **Background apps** from the list and

you'll probably be amazed by the applications listed there. Literally dozens of applications were set to run in the background, from 3D Builder and 3D Viewer (who needs that?) to the Xbox Console Companion and the Xbox Game Bar (which I also never use). After rebooting, turning off most of these background applications will have just one effect: <u>Your computer will be faster</u>. Those unneeded background apps will drain a laptop computer's battery, waste bandwidth on any computer that's attached to the internet, and needlessly consume system resources.

There's an option at the top of the list to turn off all background applications. That's not a good idea because Edge (if you use it), OneNote, and some other applications will work more efficiently if you allow them to run in the background. Most applications don't need to, though, so you can turn them off. Turning off the background application doesn't change the way the application runs when it has focus. About the only background process I load is Win-

dows Security.

73, Tom, W8QJF

**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 made available to all members via e-mail, and is available for viewing on the club's web site - www.tamiamiarc.org.

Editor - San Yoder, K3SY, who acknowledges and thanks these contributing writers: Andy Durette, KB1HIP, Jim Shortill, KJ4NDO, Jack Sproat, W4JS, Frank Wroblewski, W2XYZ, Steve Phillips, WA1ZKN, Tom Shrilla, W8QJF, and Paul Nienaber, KN4BAR.

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



Could it be << THIS might lead to THIS?>> The garage of envy of a TARC member who shall remain unidentified for obvious reasons Your new radio was delivered and your wife signed for it.



Do you want to swing by the house, or just come with me now?

#### Page 8

PARAMEDIC

**SAFETY 1** 

**SAFETY 2** 

**SAFETY 3** 

START 1

START 2

RACE CENTRAL

### Battle of the Bridges Regatta by Paul, KN4BAR

This will be the second or what looks to be a very race course to provide 2-way radio communicapopular annual rowing event held in Venice. Last year, the organizers used rented 800 Mhz HTs and found that line of sight communications along the Intracoastal Waterway (ICW) were very problematic. They reached out to TARC and TARC has offered to provide ARS communications along the 5,000 meter race course using two mobile, cross-band repeater radios setup atop the press box at VHS football stadium. Club members (Tom (W4IEE), Frank (W2XYZ), San (K3SY), and Stevie (W4INK) tested this system during the summer and found that it could provide reliable communications along the entire race course from south of the Circus bridge to north of the Hatchet Creek bridge.

Operators with dual-band HTs will be placed on six boats and at three shore stations along the

tions among race officials and with the USCG that will be controlling non-race boat traffic on the ICW. There are morning (0630 to 1130) and afternoon (1130 to 1630) operating shifts available. All volunteers will receive a free lunch at the Venice Train Station from 11:15 to 12:15.

Operators will be able to test their HT radio programming at the TARC club meeting on September 11th. Also, there will be a mandatory pre-race operators meeting on Thursday, September 26th in the Conference Room at the Jacaranda Library in Venice. Operators may test their radio programming at this meeting as well. We still have a few operating shifts left to fill. If interested, contact Paul, KN4BAR at 941-468-3843 or by email to paul9aber@gmail.com

For details go to:

CHET, KG4IYS

PAT, K1BBZ

San, K3SY

KJ4NDO, JIM

941-468-3843

Tamiami ARC		Battle of the Bridges Regatta	S	SATURDA September 28, 201			
	HT Frequ	iencies to Program	CONTROL OPERATOR				
	RX	ТХ					
Group 1	147.435	446.260*	Tom, W4IEE	Tom, W4IEE			
Group 2	147.415	445.275*	Frank, W2XYZ	Frank, W2XYZ			
* Encode CTCSS 156.7	/Hz		-	RY RACE CONTROL			
BACKUP REPEATER	:: 442.05 MHz (+) PL	100.0 (KB2WVY Repeater	Group 2 – EMERG – Jacaranda Trace roof)	ENCY / SAFETY			
BACKUP REPEATER TACTICAL		100.0 (KB2WVY Repeater	– Jacaranda Trace roof)	OPERATOR			
			– Jacaranda Trace roof)				
		OCATION	– Jacaranda Trace roof)	OPERATOR			

## https://www.regattacentral.com/regatta/?job\_id=6477&org\_id=0

ANY CHANGES OR CANCELLATIONS TO: KN4BAR, PAUL

Rescue/Service Boat at finish line

East Shore, Marine Park Launch Ramp

Boat, at Hatchet Creek Bridge

Boat, at Venice Ave Bridge

Boat, at Circus Bridge

Boat 1, at start line

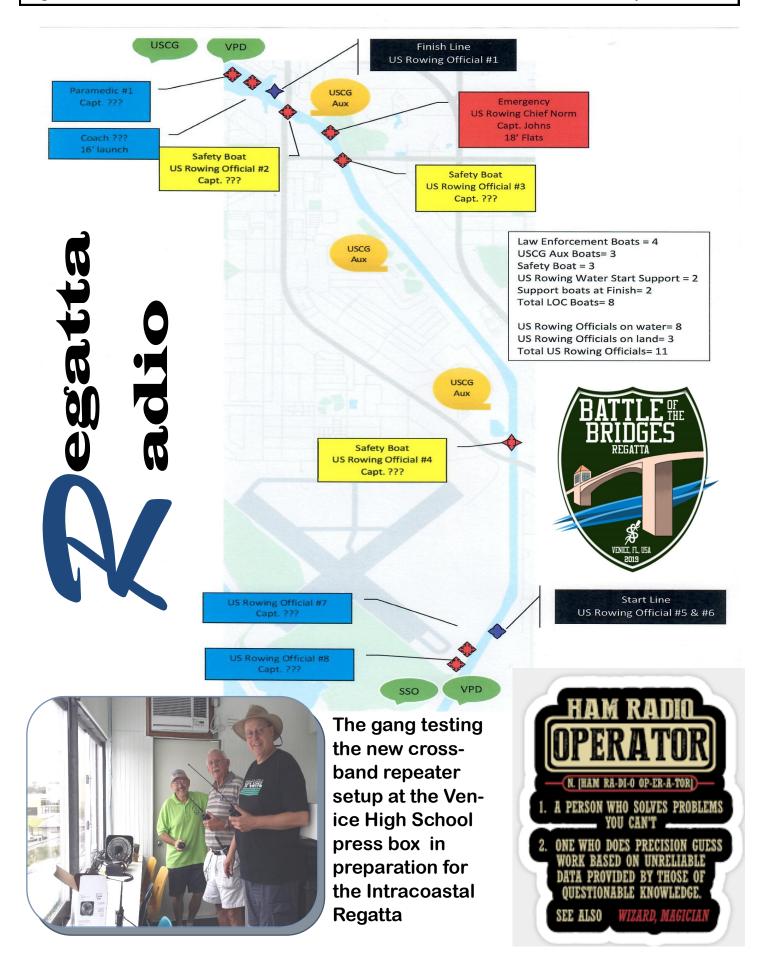
Boat 2, at start line

paul9aber@gmail.cc

Stevie, W4INK

KJ4NDO, JIM

September, 2019



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# September, 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Antennas down!	2 QCWA 11:30 Sweet Tomatoes 4994 S. Tamiami Trail, Sarasota		4	5 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10 M net	6 Breakfast @ Peaches *	7
8	9 DARN Emer- gency net @ 11AM Starts on NI4CE/RPT 145.43 pl100	10 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	11 <u>TARC meet-</u> ing @ Coast Guard Train- ing Center 7:00 PM.	12 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	13 Breakfast @ Peaches *	14 TARC VE Session @ Jacaranda Public Library 10:00 AM
15	16	17 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	18	19 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	20 Breakfast @ Peaches *	21
22	23	24 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	25	26 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10 M net	27 Breakfast @ Peaches *	28
29	30		DMR net meets on TAC 311 + 10 meter net follows the 2 meter net at 28.450			* Peaches opens at 6:00 AM, orders taken at 7:00.

\*\*The W4AC 146.805 Repeater is ANALOG, PL100. [If the 2-m repeater is down, please QSY to 146.58 simplex]

## TAMIAMI AMATEUR RADIO CLUB, INC. MEMBERSHIP APPLICATION

Name		_Call sign	Class	_ARRL, (Y/N)		
Local Address		City	Zip			
PhoneCell_						
Summer Address	<u> </u>	City	St	_Zip		
Phone Alt. E-mail						
Application Date   Amount enclosed						
<ol> <li>E - Emergen</li> <li>F - Field Day</li> <li>I - RFI/TVI</li> <li>Other (Speci</li> </ol>	[V]       [         [] <t< td=""><td>] P - Packet ] Q - Publicity ] R - Repeater</td><td>rol [] rs [] [] []</td><td colspan="3">ol       [] T - Training         s       [] U - VHF/UHF         [] V - VE Testing         [] X - DX         [] Y - RTTY</td></t<>	] P - Packet ] Q - Publicity ] R - Repeater	rol [] rs [] [] []	ol       [] T - Training         s       [] U - VHF/UHF         [] V - VE Testing         [] X - DX         [] Y - RTTY		
TAMIAMI AMATEUR RADIO CLUB, INC. PO Box 976Web site payments accepted via PayPal. (Add \$1.00 convenience fee.)						
2019 TARC OFFI President: Vice President: Secretary: Treasurer: Directors:	Andy Durette	KB1HIP K6OC KJ4NDO W2XYZ KV4LR W8LIG KG4IYS AJ4QX KN4BAR WA1ZKN K3SY	After 10/31 Family Membe Non Voting Stu New licensee - For office use:	\$10.00 to yr. end \$20.00 thru next yr. rship \$25.00/yr dent \$5.00/yr		

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