



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>

November, 2019

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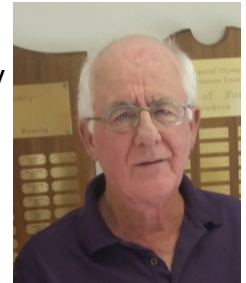
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Next Month

Election Of Club Officers

President's message.....KB1HIP

In November we will be celebrating Thanksgiving. It's appropriate for all of us to remember to give thanks for all our blessings. We are fortunate to be in Florida, and to not only be able to pursue our amateur radio hobby but also to be able to be part of a terrific, active, and vibrant radio club. Thanks to all the members who help make that happen.



The Board of Directors has made it a priority to deliver technical presentations as part of our monthly meetings. This month Al Culbert, K0AL, will make a presentation entitled "ELI the ICE man". Please come and hear all about it.

There are many members who cannot attend the early breakfast on Tuesdays and Fridays. With that in mind, we have started a breakfast every Wednesday at 8:30 AM at the iHop restaurant on route 41 in Venice. Please come and join us if you can.

We will be having our annual Christmas party on Tuesday, December 10 at Valenti's Italian Restaurant starting at 5:00 PM. I hope all of you can set aside that evening for this annual event. See all the details on page five of The Communicator.

A new year is approaching quickly and we will be looking to fill the club officer and board positions for the next year. Please consider running for one of these positions. Your involvement will ensure that the club will continue to be an important part of our community.



I hope everyone has a great Thanksgiving and an enjoyable November.

VY 73 to all, de Andy, KB1HIP



Next meeting November 13, 2019

Our meeting will start at **7:00 PM** on Wednesday, **13 November, 2019** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive.

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 10/11/19 Meeting*

The meeting was called to order at 7:05 PM by President Durette, KB1HIP. The pledge to the flag followed. Introductions were made by name and call sign.

MINUTES: The minutes of the September 11, 2019 meeting as published in the Communicator, were accepted by motion made, seconded and approved.

CORRESPONDENCE: Two items were received; a bill for the Club Post Office box rental and a letter from a Ham wanting to join the club. Both were forwarded to Frank, W2XYZ, for payment action.

TREASURER'S REPORT: Treasurer Frank Wroblewski, W2XYZ, reported an ending balance for the month of September was \$4,054.02. The Treasurer's report was approved by the membership.

SUNSHINE: N/A.

VE TESTING: Steve Phillips, WA1ZKN. The VE session was held on September 14, 2019. Five candidates were present. Four took and passed the Technician exam and were signed up for TARC membership. One upgraded from General to Extra and achieved a score of 100%! My thanks to the team for another super job.

LIAISON TO QCWA: About 25 - 30 members, spouses and guests met informally in October in Sarasota. There was no formal program. However, Claudia Napfel-Murray presented a well received program about virtual photography and its practical uses.

REPEATER / TECHNICAL: Frank Wroblewski, W2XYZ, reported that both the digital and analog repeaters were working well. 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. 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 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 12 to 14 members on average participate in these nets every month.

MEMBERSHIP: Chet Fennell, KG4IYS, reported that there are 86 regular members, 38 first year members, 0 student members, 7 life members and 1 comp. member, for a total of 132.

OLD BUSINESS: 1. Status of Technician and General Licensing courses: Paul Nienaber, KN4BAR. Ongoing class schedules may be found on the club website. Go to tamiamiarc.org. See "Home Page." Scroll down under the title "Home Page" and see "Events of Interest." Scroll down under "Events of Interest." See "Technician Class License." Click on "Technician Class License" and see the schedule, class information and points of contact for Technician license classes. The first Technician class starts Saturday, October 12th.

2. September 28, 2019 Intracostal Waterway Rowing Regatta Competition Support: Paul Nienaber, KN4BAR. This event was held on a beautiful Florida day. It was a great event and a generally good time was had by all. The cross-band repeater systems worked fairly well, but experience taught us that room for improvement exists. Although most stations had good comms we discovered un-anticipated radio communication dead spots, as well as other challenges. These conditions showed us there were unresolved opportunities to excel. Work has started on the resolution of these challenges.

3. Groups.io: Paul Nienaber, KN4BAR. This is a closed group net, limited to TARC members. 50+ members have joined. Our goal is for all TARC members to be on the net so the membership can communicate effectively. If you wish to join, go to tamiamiarc.org and follow the instructions to join Groups.io.

Continued >>>

Minutes, con't

4. Net Control Roster: Steve Phillips, WA1ZKN, San Yoder, K3SY and Frank Wroblewski, W2XYZ, run the digital, analog and 10 Meter nets. Steve will be out of town for the next net. Paul Nienaber has volunteered to run the net. Occasionally, our volunteer net control folks are hard pressed to meet net time requirements. Learning to run a net is good radio procedural training. If you want to volunteer for net control please contact Steve. He agreed to develop a sample script and train new net control operators. Contact Steve at: sphilips3@gmail.com if you want to join this happy, informal band of radio operators.

NEW BUSINESS:

BOD: The Board of Directors met on Saturday, October 5th. The Club secretary was out of town. Minutes of the meeting will be published anon.

Request for Assistance: The First Watch Sarasota Half Marathon will be held on Sunday, October 20, 2019. Race organizers need additional Ham radio operators to assist during the race. For volunteer info please contact Laura Conrad, KJ4IJV, at: conradlauraa@gmail.com. An alternative E-mail address is: serc@n4ser.org.

Solar Powered Radio: Bill Franklin, K4FLB, will establish a solar powered station at the Venice Train Depot, approximately 8:00 AM until noon, on Saturday, October 26, 2019. Bill welcomes all visitors and would be happy to show how the sun can power a Ham radio.

Christmas Party: The TARC Christmas party will be held at Valenti's Restorante, 1200 East Venice Ave., Venice, FL, on December 10, 2019. More details will be sent to the membership asking how many will attend and providing menu options.

Late Risers of the World Unite: Members who would like to attend a TARC fellowship breakfast beginning during the daylight hours, now have the option to attend a TARC breakfast at 8:30 AM Wednesdays, at the I Hop restaurant, 4369 Tamiami Trail South, Venice, FL. Ph: (941) 445-5494. Hope to see you there.

Emergency Response Coordinator for Amateur Radio Emergency Services (ARES): Mr. Gary wells has assumed the responsibilities of ER coordinator for Sarasota ARES. Members wishing to participate in ARES should contact Gary at: srqares.org.

ADJOURNMENT: The meeting adjourned at 7:40 PM. There were 31 members and visitors present. The 50-50 winner was John Hogdgon, KN4PHQ, who won \$24.00



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, Tom Shrilla, W8QJF, Paul Nienaber, KN4BAR, and Steve Phillips, WA1ZKN

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

"Tell me and I forget. Teach me and I remember. Involve me and I learn." -Benjamin Franklin



DX Jack's page....

..... By Jack Sprout, W4JS

MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

CURRENT and/or SCHEDULED DX ACTIVITY

COUNTRY – CALL SIGN	ACTIVITY PERIOD	BEARING	HF BANDS and OPENING TIMES (UTC)							
			80	40	30	20	17	15	12	10
Afghanistan – T6AA by S53R, **, FT8	Now Active	25/205	NO	23-02	0200	1300	NO	NO	1400	NO
Gabon – TR8CR by F8EN, **	Now to 15 Dec	88	02-03	22-06	21-07	19-00	11-22	12-21	14-19	NIL
Ascension Is – ZD8SC by WB4GHY,SSB/FT	Now to 11 Nov	108	23-06	21-09	20-09	18-00	11-22	12-21	13-20	1400
Norfolk Is – VK9NG & VK9NE, CW/SSB	Now to 04 Nov	250	NIL	07-12	05-13	12-15	NIL	18-19	19-23	21-23
Mayotte – FH/DL9NAL, CW/FT8	Now to 04 Nov	85	NIL	23-02	22-03	20-23	19-22	17-21	13-20	1400
Vanuatu – YJ0RRC by 2-ops, CW/SSB/Digi	04 – 13 Nov	262	1000	07-12	06-13	12-14	NIL	--	--	--
Rwanda – 9X2AW by DF2WO, CW/SB/Digi	04 – 16 Nov	81	NIL	23-04	21-05	19-23	17-22	12-21	14-18	NO
Malta – 9H9DD by 4-op team, CW/SB/FT8	05 – 11 Nov	55	--	21-08	20-07	11-14	12-17	12-16	NO	NO
Marquesas – TX7T by 8-op team, CW/SB/FT	06 – 19 Nov	245	04-11	02-13	01-12	23-09	15-00	15-23	23-00	17-22
Burkina Faso – XT2BR by F8FUA, CW/SB/d	08 – 17 Nov	83	23-06	21-08	20-08	18-23	17-22	12-21	13-18	NIL
Aland Is – OH0UA by DL6UAA, CW/R/FT	08 – 18 Nov	31	23-06	22-10	0800	12-14	13-14	NO	NO	NO
Maldives – 8Q7KX by DL8KX, **	10 – 17 Nov	41	--	23-01	22-00	2200	--	13-16	--	NO
Maldives – 8Q7XR by ZL1BQD, CW/SB/FT	10 Nov - 30 Dec	41	NO	23-01	22-00	2200	13-15	13-16	1500	NO
American Samoa – KH8/K1TF by JA1VND	12 – 18 Nov	256	NO	05-13	04-13	05-13	17-00	18-00	2200	NO
Madagascar – 5R8VX & 5R8KU, CW/SB/Dg	12 Nov – 25 Dec	90	NO	23-02	22-03	20-23	18-22	17-21	13-20	NO
Cocos Keeling – VK9CZ by 2 ops, CW/SB/F	12 – 29 Nov	3	NO	NO	NO	1300	1400	15-16	NO	NO
Thailand – HS0ZME by SM6NT, **	12 Nov–Apr2020	355	NO	NO	NO	1300	NO	NO	NO	NO
Vanuatu – YJ0FWA by 2 ops, CW/SB/Digi	14 – 20 Nov	262	NIL	07-12	06-13	13-15	1400	--	--	--
Temotu – H40KT & H40TT, CW/SB/Digital	14 – 26 Nov	270	NIL	07-12	05-14	13-14	2200	19-23	2200	2100
Tanzania – 5H3UA by 5-op team, CW/SB/Dg	16 – 28 Nov	83	NIL	23-03	23-03	20-23	18-22	16-21	13-20	NIL
Vietnam – XV9D by RM2D, focus 160-40m	17 – 30 Nov	348	NO	NO	NO	1300	NO	NO	NO	NO
Lord Howe Is – VK9LQy/DF8AN,CW/SB/D	21 – 27 Nov	249	NIL	08-12	06-13	13-15	2200	NIL	2200	NIL
Palau – T88DT by JH1OLB, CW/SB/Digital	21 – 27 Nov	307	NO	09-12	08-13	13-15	21-22	22-23	NO	NO
Micronesia – V63DX by JA7HMZ	22 – 27 Nov	293	NIL	07-13	06-13	13-14	2000	20-22	21-12	NO
Wallis & Futuna – FW/M0JHQ, CW/FT8	23 – 27 Nov	260	09-10	05-13	05-13	06-10	20-22	18-23	2200	NIL
Tonga – A35JP by JA0RQV, CW/SB/FT8	24 Nov – 31 Dec	253	08-10	05-13	04-13	13-15	17-21	17-23	18-23	21-22
Ghana – 9G5GS by IZ4YGS, mainly FT8 F/H	26 Nov – 28 Dec	88	00-05	22-07	20-08	18-23	--	--	--	--
Rotuma Is – 3D2AG/P, 3 – 4 weeks	Late Nov - Dec	263	0900	06-13	05-13	13-14	18-00	18-23	2200	NO

Prepared 28 October based on 28 October *The Weekly DX*, <https://dx-world.net/> and <http://www.nq3k.com>

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 weak signals below S-5 threshold. Long Path bearings and opening times are underlined. Propagation forecasts are calculated using VOACAP <http://www.voacap.com/hf/>.

-- OCTOBER SOLAR ACTIVITY --

Through 28 October, the 10.7 cm Solar Flux had a mean value of 67.2. The A_p index was ≥ 7 on 11 days. Small insignificant sunspots appeared 01 - 02 Oct. and disappeared.

-- NOVEMBER SOLAR FORECAST --

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

No proton events are expected at geosynchronous orbit.

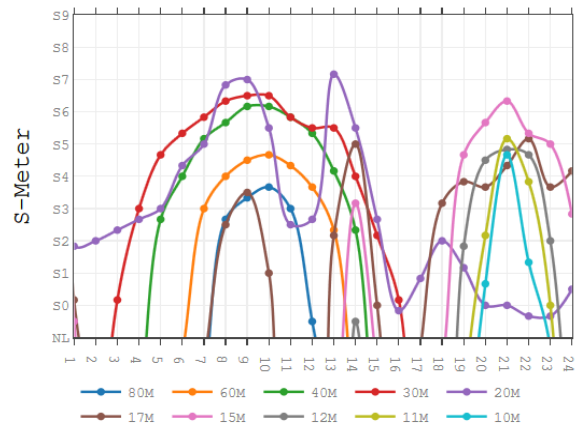
The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 21-23 Nov, with moderate levels on 01-15, and 20 Nov, in response to coronal hole high speed stream (CH HSS) influence.

Geomagnetic field activity is expected to reach G1 (Minor) storm levels on 21-22 and 26 Nov, with active levels on 20, 23-24 and 27-28 Nov, due to recurrent CH HSS activity. Quiet to unsettled conditions are anticipated throughout the remainder of the outlook period.

The 10.7 cm November Solar Flux is forecast to range from 66 to 70 and average 68.5.

(From *NOAA Weekly Highlights and Forecasts*, 28 October 2019, *NOAA 27-day Space Weather*

Outlook Table, 28 October 2019, and 45 Day AP Forecast, USAF, 28 October 2019 2019)



Propagation charts such as this (for Temotu) determine band openings. Note that all bands die out at some point and that several have two opening times, such as 20m from 0700-1000 and 1300-1400 for S-5+ signals. This is typical of most long-haul DX. Usually the two high points are about 10 hours apart, i.e., if the table shows a 1200 opening, try again around 2200.

Hear Ye, Hear Ye, Hear Ye

Santa Clause [AKA, Jim, KJ4NDO] wants to hear from you about the December 10, 2019 *HOLIDAY PARTY*

The TARC Christmas party will be held on December 10th at Valenti's Ristorante, 1200 East Venice Ave., Venice FL. **Happy hour is 5:00 PM - 6:00 PM.** The dinner portion of the evening begins at about 6:00 PM with the placement of dinner orders.

Our club had a good time at this restaurant last year and I expect we will enjoy our party this year.

The menu choices are set out below. We have a good selection, all freshly made upon order and all at reasonable prices. Because of the large number of people expected, we have to focus on selected menu items that provide a wide choice, at a reasonable price.

Menu:

- A.) Valenti's Specialty Pizza, 10 inch - There are 10 specific personal pizzas for your selection, \$15.00 per pizza.
- B.) Chicken Parmigiana, \$19.00.
- C.) Lasagna, \$16.00.
- D.) Eggplant Parmigiana, served over linguine, \$16.00.
- E.) Shrimp Scampi Linguine, \$19.00.
- F.) Veal Marsala, \$23.00.

Salads, desserts, wine or beer are extra.

Members/families pay for their own food and drink.



PLEASE E-MAIL ME BACK (jnmnshortill@netscape.net) AND LET ME KNOW IF YOU ARE GOING TO ATTEND AND HOW MANY WILL BE IN YOUR PARTY.

PLEASE TELL ME WHAT YOU AND YOUR PARTY WILL BE ORDERING FOR SUPPER.

I need to advise the restaurant how many will be coming to the party and what their food selections will be, so the restaurant can prepare.

Example:

" Dear Jim;

Two people— one item F, one item E.

Hamilton H. Ham, KQ4ZZZ"

Questions? Contact me.

Thanks,

Jim, KJ4NDO

TARC Party Central



MERRY CHRISTMAS, HAPPY NEW YEAR & BEST DX

SOTABeams Click2Tune for Icom

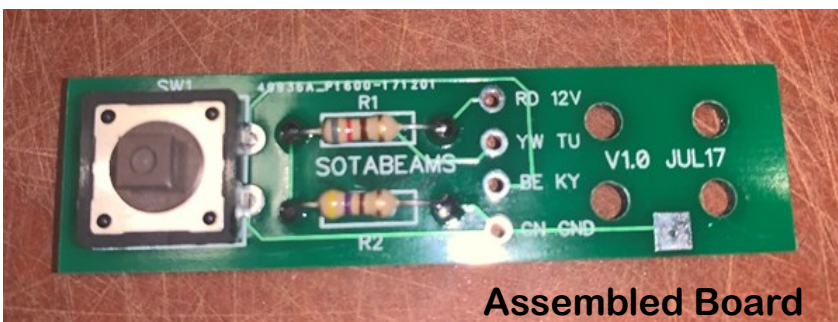
By Steve Phillips – WA1ZKN

When moving up or down the band or changing bands when operating SSB on a system that requires an external antenna tuner we frequently find ourselves needing to retune our external antenna tuner. This usually requires adjusting the power output and changing the modulation mode of the transmitter to a constant carrier mode (FM, AM, RTTY) or doing a “Helloooooo Radiooooo” into the microphone to generate a low power carrier so that the antenna tuner can adjust to the new frequency. This can involve a fair amount of button pushing and knob twisting, and it’s easy to find ourselves with no carrier or too much carrier.

Thankfully, for those of us with Icom brand radios, SOTABeams (<https://www.sotabeams.co.uk/>) has come up with a clever gadget that simplifies the process of generating a low power constant carrier using the 4-pin “Tuner” connector found on the back of most modern Icom radios.

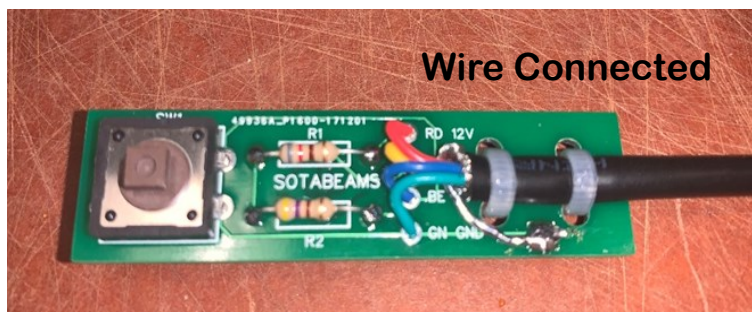
The Click2Tune for Icom is available both in assembled or kit form. Cost is between \$17 and \$35 depending on which version you get and who you get it from. I elected to buy the kit directly from the SOTABeams web site. The kit arrived from the UK in about a week. Instructions for assembly can be downloaded from the SOTABeams web site.

The Click2Tune kit consists of a printed circuit board, a couple of resistors, a momentary contact switch, the Molex connector and some associated parts. Assembly was quick and easy, with only some component level soldering and connector installation required (see photos). Once assembled, I installed the switch board in a 3-D printed case to make a very handy and good-looking final product. (<https://www.thingiverse.com/thing:3205159>). The 3-D printed case is nice, but not required for operation.



Connection of the assembled Click2Tune is very easy. The Molex connector plugged into the matching connector on the back of my IC-7610. In my case, the rig immediately recognized that an “External Tuner” was now connected. In some cases, it may be necessary to configure your radio for an “External Tuner”. Once connected, operation is as simple as pushing the blue button. As long

as the button is held down, the rig generates a continuous unmodulated carrier of about 10 watts, regardless of the modulation mode selected on the rig. Release the button and the rig and tuner are then ready for you to work that rare DX! The SOTABeams system is an improvement over some circuits I have seen on the web that involve a capacitor in that the Click2Tune will generate the low-



SOTABeams



power carrier for as long as you hold down the button, instead of just a fixed period of time.

I have found the Click2Tune to be a very handy operating aid, greatly simplifying band-hopping while operating SSB.

A few quick notes:

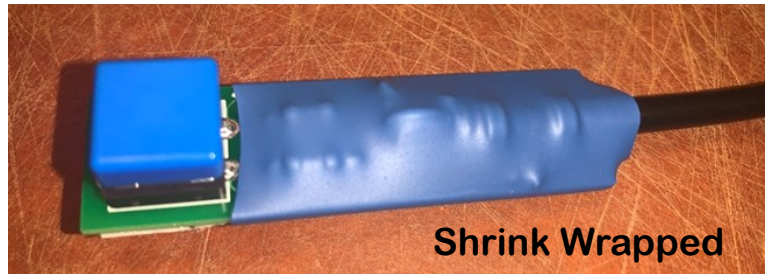
The Click2Tune is not compatible with IC-7700 (and other 200 Watt Icom radios).

The SWR meter on the radio front panel does not operate while the Click2Tune button is pressed (i.e. while the tuner is tuning). The SWR meter works normally when you operate the radio in the usual fashion. If you need to see the SWR while the tuner tries to find a match you will need an external SWR bridge.

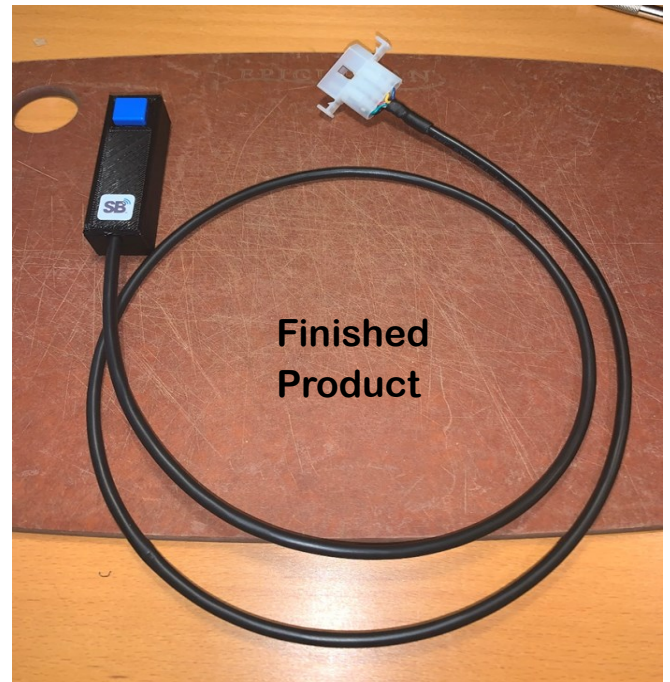
SOTABeams makes a similar gadget for Yaesu FT-817, 818, 857 and 897 which I have not reviewed. Click2Tune is available from DX Engineering in both kit and assembled forms, as well as direct from SOTABeams.

Click2Tune does not take your amplifier off-line, so you still need to remember to put the amp in "standby" before getting the tuner to find a new match.

73, Steve, WA1ZKN



Shrink Wrapped



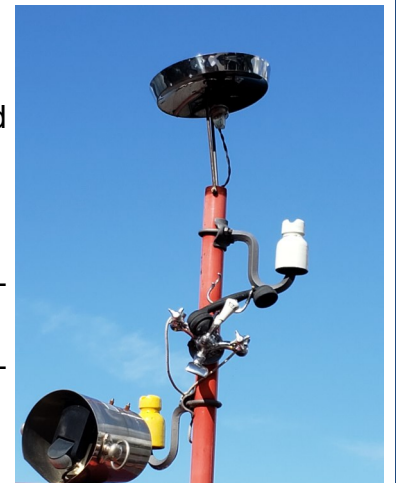
Finished Product

As some of you may know, your editor spent the first two weeks of September in Switzerland. In Montreaux, on the shores of Lake Geneva, I came upon this sculpture which looked to me like my dream ham shack. It appears to be very well equipped, in an ideal location



with an antenna to die for. Could it be that Tom, KN4ONE consulted on the design? If not, I challenge Tom to build upon this idea and develop the ultimate HOA-approved version.

73, San, K3SY



Regatta review

By Paul, KN4BAR

Nineteen club members and two volunteers from the Sarasota Emergency Radio Club (SERC) volunteered their time, equipment, and expertise to provide 2-way radio communications between the seven referee/safety boats on the course and the three shore stations at the start, finish, and boat launch ramp locations.

The club established two cross-band repeaters atop the bleachers at the Venice High School (VHS) to provide local repeater service along the race course. With the one unfortunate exception of the two boats located at the start line, we achieved excellent communications for stations along the entire 5,000 meter length of the race course. The race course provided a number of technical challenges for effective V/UHF line-of-sight communications: below grade water level of the Intracoastal Waterway (ICW) itself, three major turns along the ICW race course, and three drawbridge structures between those turns.

The club wants to thank all of the members who volunteered to help support this great event. Despite the late start to the pre-race meeting at the boat launch ramp and the less than perfect comms with boats 6 and 7 at the start line, all the participants had a great day out on the water or along the shore. Most of us had never seen, let alone participated in, a rowing regatta event.

Space limits the listing of all volunteers; but three

of them deserve to be singled out for recognition. Jim, KJ4NDO had the hardest job as Race Central and was required to coordinate not only all the radio traffic from the race; but also maintained liaison with the USCG and the launch ramp operations staff. Well done Jim, and a special thank you! Frank, W2XYZ and Tom, W4IEE donated the use of their dual-band mobile radios used for the repeaters, and they invested a large number of hours, weeks, and days before the race to work out all the little details of positioning antennas and radios at the VHS stadium to make our support of the event possible. They then manned the repeaters during the race as control operators.

Nothing is ever perfect and our first experience with this event proved that. There were lots of lessons learned about organizing and briefing operators before the event, about the "real" location of the start line, and handling the mid-day shift change of operators. Hopefully, the Battle of the Bridges organizers will ask us back next year, and our club members will want to support the event again. This is going to be an annual event for the Venice area and it offers some great opportunities to see and be seen.

[For the full report of lessons learned, go to groups.io and open file [BOB-AfterActionReport.pdf](#)

73, de KN4BAR, Paul



VE venue change

Starting in January, 2020 all TARC VE session will be held at the William H. Jervey Jr. library "on the island" in Venice. The information has been sent to the ARRL and the new location should be posted on their website soon.

Please note - In February our normal testing weekend (February 8th 2020) is the same weekend as Hamcation. Since a majority of our regulars like to head up to Orlando for the whole weekend the consensus was it would be best to move the February test session to the following week (Feb 15th). The room has been booked and the change will be posted on the ARRL and TARC web sites.



The Legendary Instruments of Ham Radio Discipline and Punishment

By Steve
WA1ZKN

Ham radio is a wonderful way to make contacts and talk to friends far and wide. While the FCC has their rules (i.e., Part 97), they are largely concerned with keeping us in our sandbox and not interfering with other licensed services. Much of what we consider to be proper operating etiquette are informal customs, developed over many years, that allow us to effectively utilize a shared resource. Some hams think that because these rules are informal and not codified in Federal Law that they are unenforceable and there are no consequences for violations.

These hams are sadly mistaken. So, we have all these informal rules. What can be done with those that break them?

In the early days of ham radio, The Old Man wrote a series of articles about operating etiquette. At that time, it was revealed that there are three instruments of discipline and punishment for violations of ham radio operating procedures

The Wouff-Hong

The Wouff-Hong is amateur radio's most sacred symbol and stands for the enforcement of

law and order in amateur operation and is named for the only intelligible phrase that Hiram Percy Maxim could discern from some particularly awful QRM. Made from wood and bound with metal strapping and wire it is brutal and ruthless in appearance. First revealed in the early 1900s it gives the appearance of being older. Only when seen in person can you fully appreciate the terrible power contained within this device. While no written evidence of its origin or use can be found today, the dark stains seem to give a hint of how it might have been used.



The Rettysnitch

The Rettysnitch is used to enforce decency in Amateur Radio operations. Made from metal,

broken and twisted from use, its origin is as mysterious as the name. Legend has it that hams guilty of indecent operations are

taken away and have a "surgical procedure" performed using this awful device. Nobody has ever survived this procedure.



Con't >>>>>

Ham radio crime and punishment, continued

The Uggerumph


The Uggerumph is the third of these terrible instruments. According to legend, an operator that sent CW "with a slobbery fist", cluttered the air with too many CQs, or garbled his call letters so badly they had to be guessed at were called before a Committee, the Chairman of which was a "Huge Brute of positive demeanor who exhibited and explained the workings of an instrument known as a Uggerumph" As with the other instruments, the exact method of operation is unknown, but no matter how it is applied, the experience would certainly be unpleasant for the offender.



Are these instruments used today? There are replicas on display in Newington, CT which could be deployed in an emergency, but the larger truth is that every ham has these instruments contained within their heart. Good hams hold the power to discipline themselves using their conscience as a guide. Every transmission should be a good example of proper operation.

Below are some links to guidance on general operating ethics and a code for good DX operations.

<https://www.hamradio-operating-ethics.org/wp-content/uploads/2017/01/1-Eth-operating-EN-iaru-PRINT-1july2008.pdf> and <http://www.m0oxo.com/dxcode-of-conduct.html>

Remember that the world is listening to how we use the exceptionally valuable pieces of RF spectrum we have been allocated, and commercial interests will use any justification to snatch them away from us. Lack of use, or improper use, will be seized on by these interests as an excuse to shut us down. If you find yourself tempted by the Dark Side of the Force, remember the Wouff-Hong, Rettysnitch and Uggerumph and turn to the Light. 

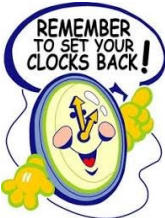





TOM'S TECH TIPS: Add a GMT Clock to Your

Taskbar: To display an additional clock (like GMT) right-click on the Windows clock in task bar and select Adjust date/time. Look for Add clocks for different time zones. Check Add this clock and pull-down to UTC (or any other you want). Now when you mouse-over the clock you'll see the additional display.

73, Tom, W8QJF

November, 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		DMR net meets on TAC 311 + 10 meter net follows the 2 meter net at 28.450			1 Breakfast @ Peaches *	2
3 	4 QCWA 11:30 Meets at Den-ny's on Bee Ridge Road	5  Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	6	7 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	8 Breakfast @ Peaches *	9 TARC VE Session @ Jacaranda Public Library 10:00 AM
10	11  DARN Emergency net @ 11AM Starts on NI4CE/RPT 145.43 pl100	12 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	13 <u>TARC meeting @ Coast Guard Training Center 7:00 PM.</u>	14 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	15 Breakfast @ Peaches *	16
17	18	19 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	20	21 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10 M net	22 Breakfast @ Peaches *	23
24	25	26 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	27	28 TARC net @ 7:30 PM 	29 Breakfast @ Peaches *	30 * 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 _____

Phone _____ Cell _____ E-Mail _____

Summer Address _____ City _____ St. _____ Zip _____

Phone _____ Alt. E-mail _____

Application Date _____ Amount enclosed _____

Please check items of interest:

- | | | |
|---|--|---|
| <input type="checkbox"/> A - ATV/SSTV | <input type="checkbox"/> L - Echo Link | <input type="checkbox"/> S - Special Events |
| <input type="checkbox"/> C - Contests | <input type="checkbox"/> N - Net Control | <input type="checkbox"/> T - Training |
| <input type="checkbox"/> D - Digital (DMR, PSK, etc.) | <input type="checkbox"/> O - Computers | <input type="checkbox"/> U - VHF/UHF |
| <input type="checkbox"/> E - Emergency Comm. | <input type="checkbox"/> P - Packet | <input type="checkbox"/> V - VE Testing |
| <input type="checkbox"/> F - Field Day | <input type="checkbox"/> Q - Publicity | <input type="checkbox"/> X - DX |
| <input type="checkbox"/> I - RFI/TVI | <input type="checkbox"/> R - Repeater | <input type="checkbox"/> Y - RTTY |
| <input type="checkbox"/> Other (Specify) _____ | | <input type="checkbox"/> Z - QRP |

**For payments by mail send to:
TAMIAMI AMATEUR RADIO CLUB, INC.
PO Box 976
Nokomis, FL 34274**

**Web site payments accepted via PayPal.
(Add \$1.00 convenience fee.)**

2019 TARC OFFICERS:		
President:	Andy Durette	KB1HIP
Vice President:	Gary Hagens	K6OC
Secretary:	Jim Shortill	KJ4NDO
Treasurer:	Frank Wroblewski	W2XYZ
Directors:	Peter Boers	KV4LR
	Larry Bryan	W8LIG
	Chet Fennell	KG4IYS
	Guenther Hennig	AJ4QX
	Paul Nienaber (PIO)	KN4BAR
	Steve Phillips	WA1ZKN
	San Yoder	K3SY

Dues:	
Regular member	\$20.00/yr.
After 6/1 -	\$10.00 to yr. end
After 10/31	\$20.00 thru next yr.
Family Membership	\$25.00/yr
Non Voting Student	\$5.00/yr
New licensee - first year free.	
For office use:	
RR <input type="checkbox"/> EM <input type="checkbox"/> CR <input type="checkbox"/> MC <input type="checkbox"/>	

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