



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>

May, 2018

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President's message.....KB1HIP

As the saying goes "time flies when you are having fun". It certainly applies to our club as we had a well-attended club meeting, and two operating events in April: First, we had our monthly business meeting followed by a technical presentation on "XRAYS" put together by Hans Napfel, WB2ZZB. I want to thank Hans for planning and preparing our monthly technical presentations.

Second, our K4S special event station at the Shark's Tooth Festival started out well with a terrific festival location, our new tent, and two antenna installations; a two element Mosley tri-band beam and an end-fed long wire antenna good up to 80 meters. We were able to operate on several bands using SSB voice and FT8 digital mode. Unfortunately, the high winds on Sunday forced the festival to shut down for the day. Although we did not operate many hours, we had a lot of fun setting up and closing down the equipment, tent and antennas. Thanks to all who helped with this event.

Third, Al Culbert, K0AL, organized the Florida QSO party club operating event which took place at his station last weekend on the 28th and 29th of April 2018. Operating using the W4AC club call, we had over 600 contacts, which is better than last year. Thanks to Al for the use of his station and to those who participated.

For the next club event, I am recommending that we plan to operate at the 2018 ARRL Field Day that will take place on the 23d and 24th of June. I hope we can do it again this year. We will bring this up for discussion and planning at the next club meeting on 9 May.

I hope everyone has an enjoyable May.
VY 73 to all, de Andy-KB1HIP



May Meeting

Our meeting will start at 7:00 PM on Wednesday, 09 May, 2018 at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive.

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 04/11/18 Meeting*

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

MINUTES: President Durette requested a motion to accept the minutes of the March 14, 2018 meeting as published in the Communicator. Motion was made, seconded and approved.

CORRESPONDENCE: None

TREASURER'S REPORT: Treasurer Frank Wroblewski, W2XYZ, reported a beginning balance of \$6,238.78, income of \$877.00, expenses of \$1189.54 and an ending balance as of March 31, 2018 of \$5926.24

SUNSHINE: Nothing to report

VE TESTING: Don Jansen, KI4VGE, reported that one candidate took both the Technician and General examinations. He passed both.

LIAISON TO QCWA: There were 37 members, spouses and guests present for the April, 2018 meeting of Suncoast Chapter 53 at Denny's restaurant in Sarasota, FL. The program was on loop antennas.

REPEATER / TECHNICAL: Frank Wroblewski, W2XYZ, reported that the digital repeater 444.10 MHz was working satisfactorily, The Club 2-Meter repeater (146.805 MHz (-) PL 100) has been repaired, and is now working. The digital net opens Tuesday at 7:30 PM. The 2 Meter net opens Thursday at 7:30 PM.

MEMBERSHIP: There are 53 paid up regular members, 11 first-year, 5 life and one comp, for a total of 70.

PUBLICITY: Tom Porada, W4IEE, reports that both Venice Gondolier Sun and the Herald Tribune published the Club meeting information.

OLD BUSINESS: 1.) Members briefly discussed purchase of the USCG Auxiliary radio trailer. This matter had been discussed in 2017, when the trailer and its contents had been priced at \$10,000.00. The price is now significantly lowered. Discussion continues on this subject. In addition, members agreed to offer to fix a USCG Auxiliary antenna that suffered a broken mount. Corrective action is awaiting USCG permission.

2.) The Shark Tooth Festival is scheduled to be held on April 13, 14 and 15 at the Venice Municipal Airport festival grounds. The Club member load out team agreed to meet at Jim Shortill's garage and load out the Club tent and other associated gear. Booth/radio operator/load out and break-down team sheets, previously distributed, were reviewed and completed. Logistics items such as large MFJ tripods and antenna masts, guy lines and the nuts and bolts of putting up an HF antenna and operating a Festival radio station were discussed and agreed to. Volunteer work parties were established for specific site setup duties.

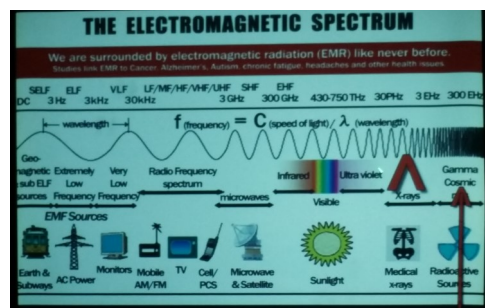
NEW BUSINESS: 1.) The Florida QSO Party will be held on Saturday, April 28 and Sunday, April 29. Al Culbert, KOAL, has offered his shack as a base of operations. See: <http://www.floridaqsoparty.org/> for further details. The Club will send out a date/time sign-up sheet for members who wish to participate.

50-50 drawing was won by Stan Robinson, W9SMR. The kitty was \$18.00 and Stan returned it to the club.

The meeting adjourned at 8:00 PM.

There were 26 members and guests present.

Hans Napfel, WB2ZZB, presented an excellent program on X Rays.





DX Jack's page....

..... By Jack Sproat, W4JS

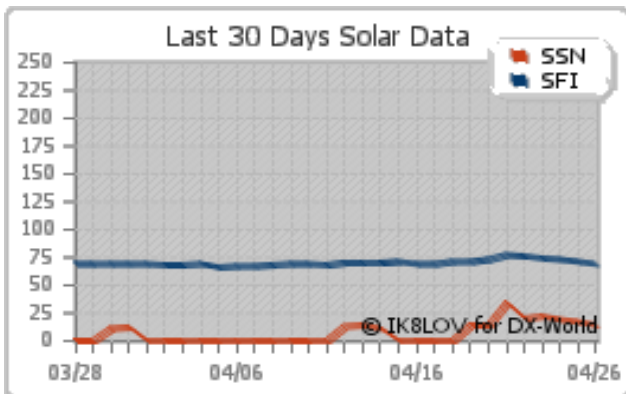
MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

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
Mozambique – C96RRC by 5-op team	Now to 03 May	95	--	22-05	23-06	23-02	12-15	16-19	16-18	NO
Temotu – H40D by VE3LYC, CW/SSB	Now to 03 May	270	--	05-13	05-14	12-16	13-16	19-02	19-02	NO
Market Reef – OJ0W by OH3WS, **/SSB	Now to 04 May	31	03-04	01-07	22-03	12-22	NO	NO	NO	NO
Ogasawara – JD1BMH by JG7PSJ, all modes	Now to 04 May	317	--	08-11	08-13	2200	21-01	2100	NO	NO
Laos – XW4XR by 3W3B, CW/RTTY/FT8	Now to 04 May	353	--	NO	NO	2200	23-01	NO	NO	NO
Bhutan – A52AEF, IVU & YL, all modes	Now to 05 May	<u>188</u>	NO	NO	NO	NO	<u>00-04</u>	<u>01-03</u>	NO	NO
Marshall Is – V73/WW6RG, SB w/100 watts	01 to 03 May	282	--	--	--	01-05	--	--	--	--
Ogasawara – JD1BLY by JI5RPT, all modes	02 to 04 May	317	09-11	08-11	08-13	2200	21-01	2100	NO	NO
Mozambique – C8T by 14-op team	02 to 15 May	95	NO	22-05	23-06	23-02	12-15	16-19	16-18	NO
Mozambique – C98RRC by 5-op team	05 to 09 May	95	--	22-05	23-06	23-02	12-15	16-19	16-18	NO
Aland Is – OH0KA by OH3KAV, CW/FT8	06 to 11 May	31	01-04	01-09	23-00	12-22	19-20	NO	NO	NO
TC0AX by 3-op team, holiday style	07 to 11 May	44	02-03	01-06	22-06	17-23	13-21	18-20	NO	NO
So Cook Is – E51KMR by KM7R, ++ holi sty	08 to 11 May	246	05-07	05-12	03-14	01-13	16-04	17-04	17-03	--
Rodrigues Is – 3B9RUN by 5-op team	11 to 16 May	84	NO	01-02	22-01	20-21	1800	15-18	NO	NO
Lord Howe Is – VK9LI by 3-op team	11 to 18 May	249	06-11	05-12	04-07	01-04	01-03	--	--	--
Liechtenstein – HB0/PG8M & PH0NO	12 to 13 May	46	03-06	00-09	21-02	11-23	18-21	2000	NO	NO
Gibraltar – ZB2/DF8AN, 2m & up	17 to 21 May	61	--	--	--	--	--	--	--	--
Malta – 9H3SV by SV2CLJ, all modes holi st	24 to 31 May	55	0400	01-06	22-04	18-23	13-22	NO	NO	NO
Svalbard Is – JW8DW by LA8DW	26 to 29 May	13	NO	03-10	00-03	12-22	NO	NO	NO	NO

Updated 29 April based on 23 April *The Weekly DX*, <https://dx-world.net/> and <http://www.ng3k.com>

Notes: Time in bold = the Bands with 75-100% opening; ??? = Call Sign not yet known; ++ = Mostly SSB; ** = Mostly CW; NO = No Opening forecast. Long Path bearings and opening times are underlined. All forecasts calculated using *W6ELProp* propagation software and, where possible, VOACAP predictions based on current or recent operations.

-- APRIL SOLAR ACTIVITY --



Through 29 April the 10.7 cm Solar Flux ranged from 68 to 77, with a mean value of 70.4 (vs. 78.9 for April 2017 and 93.2 for April 2016), and the A_p index was ≥ 7 on only nine days. Through 28 April, the Sun was spotless except on 12-14 and 19-27 April.

-- MAY FORECAST --

Solar activity is expected to continue at very low levels over the outlook period.

No proton events are expected at geosynchronous orbit.

Geomagnetic field activity is expected to range from quiet to G2 (moderate) geomagnetic storm levels. Unsettled conditions on 06 May are likely to increase to G1 (Minor) storm levels on 07 May before decreasing to active on 08 May and finally unsettled over 09-10 May as the CH HSS wanes. Quiet conditions are then likely to persist

over 11-16 May until the arrival of the second CH HSS. G2 (Moderate) storm levels likely on 17 May ahead of the HSS. Unsettled to active conditions are likely on 18 May as total field strength decreases with the HSS proper. Quiet to unsettled conditions are expected over 19 May as solar wind speeds slowly taper off. The remainder of the outlook period is expected to be mostly quiet under a nominal solar wind environment.

The 10.7 cm Solar Flux should range from 68 to 70, and average 69.1 during May.

(From NOAA *Weekly Highlights and Forecasts*, 30 April 2018, NOAA *27-day Space Weather Outlook Table*, 30 April 2018, and *45 Day AP Forecast, USAF*, 26 March 2018.)

-- MOZAMBIQUE --

Four members of the Russian Robinson Club are now active as **C96RRC** from Mozambique Island, AF-088, followed by **C98RRC** from Inhaca Island, AF-066, until 09 May. (So far, they have been very elusive at W4JS.)

Dennis Blanchard, K1YPP slated for May TARC meeting

Dennis Blanchard, K1YPP, was born in Bristol, Connecticut. After serving with the U.S. Air Force he and his wife, Jane, KA1FUN, moved to New Hampshire.

Dennis is a retired electrical engineer and still likes to dabble with designing things. Recently, he moved into a Home Owners Assoc. (HOA) that allows some antennas, as long as they're not too ambitious. After moving there he discovered that the HOA wasn't an issue, but the local noise, or QRN, was prohibitive.

MLA's exhibit excellent local noise cancellation and are a natural choice for combating noise. Additionally, they are small and very portable.

Dennis had been toying with the idea of making a MLA for years, but the vacuum capacitor used in most designs proved an obstacle, they can cost upwards of \$500. In his design, he eliminates the expensive capacitor, as well as any fancy soldering, silver plating or welding. The design is simple and once the parts are obtained, takes about an hour to build. Almost all of the parts are available at a local "big box" home supply store.

The antenna has wide enough bandwidth that it can be left tuned for either the CW or Phone portion of the band, or, at additional cost, a homebrewed remote tuner, using a stepper motor solves the tuning. His particular motor controller uses an Arduino micro-controller.

Dennis is a member of a number of organizations, including The American Bicyclist Assoc., Adventure Cycling, American Radio Relay League (ARRL), AARP, Appalachian Trail Club (ATC), ATC Florida, National Org. for Women (NOW), and a host of local groups.

When not off hiking, biking or wandering in the woods he stays under a roof in Sarasota, Florida.

Upcoming book: [Where Dad Dropped In](#): An 82nd Airborne Paratroopers Story

[Author of: THREE HUNDRED ZEROES](#)

[Three Hundred Zeroes Web Site](#)

[Three Hundred Zeroes Blog Site](#)

A humorous hike on the Appalachian Trail.



Free stuff!!

I have a telephone entrance panel, could be gutted and used to house coax surge equipment or switching system mounted on the side of a tower or wall, or whatever one might think of.

Seems a shame to throw away, it's always been indoors, I've owned it since 1994 from my Internet business.

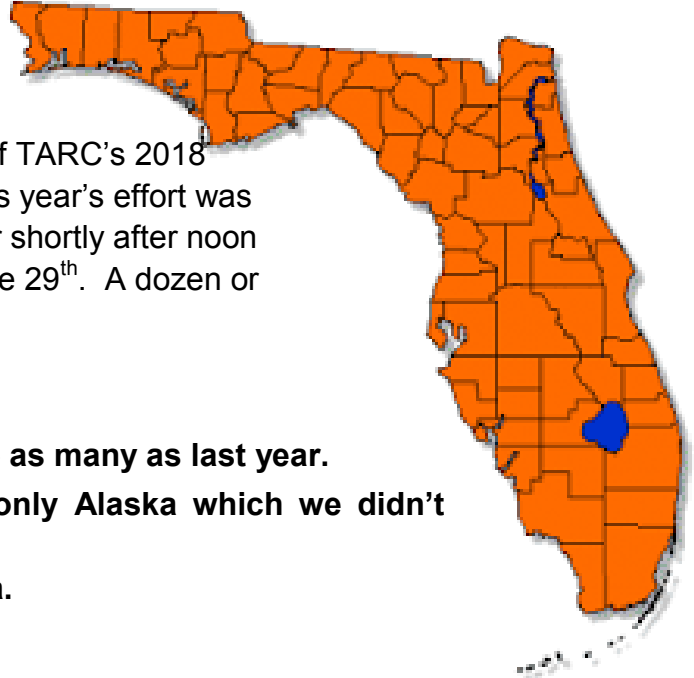
FREE to anyone who wants it.

DeGeorge Emigh, AB4BD ab4bd@georgelemigh.com



Florida QSO Party

Al's cottage, (the K0AL ham shack), was the site of TARC's 2018 Florida QSO party operations. By all accounts, this year's effort was a huge success. The W4AC station was on the air shortly after noon on Saturday, April 28th, and returned on Sunday the 29th. A dozen or more TARKs took part in the festivities.



Here is a summary of our efforts:

- 📍 Worked a total of 706 QSOs – about twice as many as last year.
- 📍 Worked 49 of the 50 states – missing only Alaska which we didn't hear on the air.
- 📍 Contacted 27 of the 67 counties in Florida.
- 📍 Worked 10 DX countries.
- 📍 Amassed 91,780 points!

A SPECIAL THANKS TO AL AND EDITH FOR THEIR HOSPITALITY, AND TO ALL THE TARC MEMBERS WHO TOOK PART.



Dennis, KN4KTT making his very first QSO.



Pres, Andy, KB1HIP running 'em while Dennis logs.

The Glorious Society Of The Wormhole

2018 WORMFEST

Free Tailgate
Saturday May 26th, 2018 at:
Freedom Lake Park in Pinellas Park Florida
8:00 AM to ???

Talk-in on 146.850—PL. 146.2

Freedom Lake Park is located on the southeast corner of US19 and 49th Street. On 49th Street go to the light just north of US19 overpass. Turn east into Lake Blvd and then immediately turn right onto 102nd Ave N. Follow 102nd Avenue N around till you come to 46th Street N. Turn right and the park is straight ahead. The tailgate is under the trees on the right as you enter the park.

Come Join the fun! Have a WormDog, WormBurger, Wormhole Donut and hot Worm Coffee. Bring a table and sell some stuff or bring lots of money and get in on some terrific Ham Bargains. We have reserved the Park for the day and look forward to seeing all of our ham friends. Maybe you are just curious about Amateur Radio—this event is definitely for you. See what Ham radio is all about and make some new ham friends.

For more information contact :
Mike Scott at: jemke1@jemke.com PH. 727-492-6454

The SVF from a shark's point of view

Mmbfth balgfes nurtakimf grafgolmbef-- Sorry about that! I had to put my chop-pers back in my mouth, in order to speak a little clearer. Most sharks lose about 20,000 to 30,000 teeth in their lifetime. Most of my buddies have five rows of teeth; however we bull sharks have fifteen rows of teeth which means we lose about 50,000 teeth in our lifetime. Let me introduce myself, I'm Finley A. Bull, a local resident of the Gulf waters and usually hanging out around what you call Caspersan beach in Venice. Well a couple of weeks ago my buddy San (a human) was telling me about this newsletter he puts together for his radio club. A guy named Frank usually writes some techno-babble stuff, but he's busy this month getting ready to go to a hamfest in Ohio. Personally, or should I say, sharkally, I've never been to Ohio. I've never even been to a hamfest, but I'll bet they are delicious. I'm told there are a lot of Virginia Hams there. I've enjoyed Spiral Hams, Boiled Hams, Spiced Hams and Baked Hams, but I'd really like to sink my teeth into a Virginia Ham. Since I'm writing this article for Frank, I can only hope he brings one of those Virginia Hams to the beach for me.

Well, that's enough about me. San told me his club, the Tamiami Amateur Radio Club, was putting up a tent at the Shark Tooth Festival in April and asked, If I wasn't busy, and would I mind observing it and writing a report about it. Well, now that I'm a retired bull shark (and thus the need for false teeth) I have more time on my fins than I used to when I was chasing snowbirds up and down the beach. I said yes, I'd be glad to do so. So here's what I noticed:

A bunch of these guys got together on Friday morning, I heard they came here after breakfast at Peach's. They all worked together putting up this cool looking tent. It must have gone up easily as I didn't hear any salty language being used. Next a few of them worked on putting this tall pole, about 25 feet high, vertical, and kept it straight by using some really very thick fishing line anchored to the ground. Some of the other guys assembled a contraption they called a yagi beam, which is really three fishing poles bolted together. I don't know what they planned to use for bait, but they were hoping to catch some DX with it. Good luck with that one. No self-respecting fish would go near that thing. A couple of the other guys realized to catch anything on that fishing pole contraption, they need fishing line. So they attached

something they called a multiband end-fed antenna near the top of the vertical pole and ran a metallic line out about 132 feet to a smaller pole. They put together another antenna-fishing thing about four feet off the ground to catch a bird called satellite when it passes over. I'm not sure how it works but when this crazy satellite bird flies only four feet above the ground, it'll probably run into it.

I liked the next part best. They put tackle boxes on the tables. These Icom and Yaesu tackle boxes must be where they kept the ham sandwiches. One Icom belonged to Phone and the other Icom box belonged to FT8. The Yaesu tackle box was strictly for the birds, literally. San's club must have some very hungry members because for two days straight all I heard was ham this, and ham that, and ham, ham, ham. They were even pulling people into their tent and expounded on the virtues of ham, ham, ham. Apparently several of the innocent bystanders must have been hungry too, because they liked what they heard about ham. During those two days the Phone tackle box spoke 213 times about ham. The FT8 tackle box spoke about ham 48 times. As if that wasn't enough, some other member had his CW tackle box at home and told 136 people about hams. In all fairness, I do have to say, they also talked about how profits from the Shark Tooth Festival benefits the Special Olympics and they did give my ancestors a plug by mentioning Venice is the Shark Tooth Capital of the World.

Something of a squall popped up on Sunday. I headed to deeper waters to avoid the turbulence. I heard the officials of the Festival made everyone take down their tents that morning and go home. Probably just as well, since those guys were never going to catch a DX or any other kind of fish with those things. That satellite bird never showed up either. It had more sense than fly four feet off the ground into some criss-crossed spear gun shafts. I did notice, however, a seagull nearby. He succeeded in dropping a little surprise on a bright blue hybrid car. At least its owner went home with a remembrance.

Well, look at the time. I gotta' swim. San, thanks for letting me fill-in this month and hopefully Frank remembers to bring me back a Virginia Ham. Actually, I'm so hungry, I'll eat the first Ham I find at the beach, Virginia style or not.

73, Finley A. Bull



2018 SHARK'S TOOTH FESTIVAL—TARC STYLE



Jim says "Strong like bull. Lift tent with one hand!"



OK. Looks like we'll have enough room here in the north forty.



^^ Now Frank, everyone knows the cowl-induced sploin-built orbital reticulator is connected before the trans-dimensional krypton converter!



Wait!! Will has his thumb caught again!!



How many engineers does it take to put up the back wall? Just count the hands.



No—no—no Tom. Don't tie the guy to the outhouse! Yikes!

All this fuss over some fish a few million years old!



MORE >>

TARC AT SHARK



Let's see—the rabbit comes out of the hole, goes around the back of the tree.....



Let's get these puppies hooked up!



Hey Tom, I just cleared the pileup—both stations!



It's OK to be a ham—but we need space!



Band's DEAD—might as well eat.

FT-8 requires accurate time by Tom, W4IEE



I've been using FT8 since September 2017. Frank W2XYZ is responsible for my addiction – he got me started. Let me say that FT8 certainly is NOT a rag-chewing mode but it keeps me in the ham game especially since I have HOA antenna restrictions. It took me a bit over 4 months and just over 2000 QSOs to achieve WAS Digital with FT8 endorsement. This was my first WAS in 57 years of hamming!

I'm writing this article because of our recent operation at the Sharks Tooth Festival and to share my experience setting up another FT8 station. Captain Bob, W5GJ, lent us his Icom IC7300 and accessories including a notebook computer, speaker, & power supply (thanks Bob!) to get us on the air with FT8. I loaded WSJT-X, JTAAlertX and Meinberg timing software beforehand and made sure everything worked at home. At STF I got everything interconnected and started to listen to FT8 pouring in. But, there was a problem. Nothing, none of the signals were decoding. I could see them on the screen, many were very strong, but nothing would 'print'. After consulting with others in the booth (sorry guys, can't recall who was there) I/we decided that the computer clock was off just enough so that signals would not synchronize.

Stepping back...I had been working with a cell phone vendor in Englewood for about 6 months trying to get them to sponsor us by supplying a cell phone data/internet hot spot for our tent. All was on schedule until the fellow I was working with decided to take a different job and my contact was lost. When I first set up the rig in the tent we had no timing signal reference from the internet, so FT8 would not work. *To properly run FT8, one needs a fairly accurate clock so that transmitted and received signals are in sync.*

Thanks to our White Knight, Paul, KN4BAR, we did get a Sprint hotspot in the tent, gratis, for the event but it took hours for it to 'provision' and begin to provide WIFI internet. You may have noticed the little white box hanging from the tent frame on white vinyl tape behind the IC7300, that was the hotspot. While waiting for the Sprint WIFI to kick in, Frank stepped up and turned on his cell phone's hotspot and after connecting the rig to it, FT8 began working immediately. After that, all was well.

So, how do you make your Windows clock keep accurate time? Just because your computer has a crystal controlled clock does not mean it is accurate. Windows goes out on the internet periodically (I think about once per week) and synchronizes its timing with various time servers to keep its clock more or less accurate, but even that accuracy is not sufficient for FT8.

Figure 1 (next page) is a typical FT8 WSJT-X screen shot showing received signals in the upper left pane. Observe the 'DT' column. That is where you can see how far off other signals are compared to your sta-

tion. Notice that there are two signals at 1.2 & 1.5 seconds high while most are less than .5 seconds high and a few are negative (less than) my computer's clock. If you see most signal being higher/lower than perhaps 1 second, YOUR clock is inaccurate. Don't think twice, install a timing app BEFORE using FT8.

Software to the rescue...

There are multiple applications that can be installed on your computer to more accurately keep your clock in sync as long as you have an internet connection. These can be used on anyone's computer whether or not they need it for hamming although it probably is overkill. Below is a list I found from various FT8 readings, there are others, I'm sure. I use the Meinberg software on all of my computers.

Meinberg: https://www.meinbergglobal.com/english/sw/ntp.htm#ntp_stable

Dimension4: <http://www.thinkman.com/dimension4/download.htm>

Nettime: <http://www.timesynctool.com/>

SPTimeSync: <https://sp-dialer.en.uptodown.com/windows>

Atomic Clock Sync: <https://atomic-clock-sync.soft112.com/>

Below are two articles on how to sync the Windows clock without additional SW although most hams use one of the previous alternatives.

<http://www.thewindowsclub.com/change-internet-time-update-interval-windows>

<https://www.windows10update.com/2015/08/windows-10-tutorials-155-change-the-time-synchronization-interval-in-windows-10/>

Or you can sync your clock with a GPS signal if you do not have an internet connection but you will need to use a GPS device. This would work particularly well if you were truly operating remotely on a mountain top somewhere.

<http://morsetutor.com/2014/10/jt65jt9-workstation-gps-time-sync/>

In summary, make sure that your FT8 setup includes a clock synchronization application running in the background or you may spend hours trying to figure out why you can't decode signals. A key indication is that the DT levels in the FT8 application window will be high or low, probably >1 second. If they are the problem is YOU.

Whichever option you chose you may also have the ability to define the Network Time Protocol (NTP) servers you want to use rather than use the application's default. If so, go to <https://tf.nist.gov/tf-cgi/servers.cgi> and pick one or

More >>>

FT-8 time *Continued*

more servers such as *time-a-www.nist.gov* from Fort Collins, Colorado. Personally I specify four of the NIST servers in the Meinberg software. Does it make my computer clock any more accurate because I specified four? I doubt it, but I do it because I can and I like to play around with such things!

Whether we like it or not, the internet is part of our hamming lives and as more and more digital modes become available timing will be everything. And, because we say that we can operate in an emergency when all else fails, we may all have to think about integrating a GPS receiver into our GO box. Are you ready?

73, Tom

The screenshot shows the WSJT-X v1.8.0 software interface. The main window is divided into two panes: 'Band Activity' on the left and 'Rx Frequency' on the right. Both panes display a table of received signals with columns for UTC, dB, DT, Freq, and Message. The 'Band Activity' pane shows a list of signals, with the most prominent one being '095730 -2 0.4 727 ~ CQ VE3MGY EN92 Canada'. The 'Rx Frequency' pane shows a similar list, with the most prominent one being '095630 1 0.4 727 ~ CQ VE3MGY EN92'. Below the panes, there are several control buttons: 'Log QSO', 'Stop', 'Monitor', 'Erase', 'Decode', 'Enable Tx', 'Halt Tx', 'Tune', and 'Menus'. A central display shows the current frequency '3.573 000' and a digital readout '2018 Apr 18 09:57:58'. To the right, there is a 'Generate Std Msgs' section with a list of messages and a 'Pwr' slider. A cartoon illustration of a ham operator is visible in the background of the 'Rx Frequency' pane.



Figure 1

www.tamiamiarc.org scheduled for facelift

For many years Dave Gill, K4JDG, maintained the TARC web site. Dave is spending more and more time in Georgia pursuing other interests. Our thanks to Dave for all his hard work keeping the web site going for all those years. He is turning over the reigns to Paul Nienaber, KN4BAR.

Paul has begun work to update the site, and is requesting input from all club members. Please visit <https://bit.ly/2HuL8Yb> and let Paul know what you think. He is soliciting comments, ideas for improvements and constructive criticism. Contact Paul at paul9aber@gmail.com with your ideas.

May 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 <i>Breakfast @ Peaches * DMR net @ 7:30 PM</i>	2	3 <i>TARC net @ 7:30 PM W4AC / RPT 146.805 **</i>	4 <i>Breakfast @ Peaches *</i>	5
6	7 <i>QCWA 11:30 AM Denny's on Bee Ridge</i>	8 <i>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</i>	9 <u>TARC meet- ing @ Coast Guard Train- ing Center</u> <u>7:00 PM</u>	10 <i>TARC net @ 7:30 PM W4AC / RPT 146.805 **</i>	11 <i>Breakfast @ Peaches *</i>	12 TARC VE Session @ Jacaranda Public Library 10:00 AM
13 	14 <i>DARN Emergency net @ 11AM Starts on NI4CE/RPT 145.43 pl100</i>	15 <i>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</i>	16	17 <i>TARC net @ 7:30 PM W4AC / RPT 146.805 **</i>	18 <i>Breakfast @ Peaches *</i>	19
20	21	22 <i>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</i>	23	24 <i>TARC net @ 7:30 PM W4AC / RPT 146.805 **</i>	25 <i>Breakfast @ Peaches *</i>	26
27	28 	29 <i>Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1</i>	30	31 <i>TARC net @ 7:30 PM W4AC / RPT 146.805 **</i>		<i>* Peaches opens at 6:00 AM, orders taken at 7:00.</i>

****The W4AC 146.805 Repeater is now 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) _____ | | |

**MAIL TO: TAMIAMI AMATEUR RADIO CLUB, INC.
PO Box 976
Nokomis, FL 34274**

2018 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
	Don Jansen	KI4VGE
	Tom McDermitt	W3GXV
	San Yoder	K3SY
	Guenther Hennig	AJ4QX
Dir. & Pub. Inf.	Tom Porada	W4IEE

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.

*The Communicator is a monthly publication of
The Tamiami Amateur Radio Club, Inc. Editor: San Yoder, K3SY
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