



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>

March, 2021

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President's message.....NS4P

As we speed into March and much of the country is recovering from widespread cold and snow, I recall the old saying "March comes in like a lion and goes out like a lamb." Here on the Suncoast of Florida, we often enjoy some of the most pleasant weather of the year in late winter and early spring, with the cold, snow, and slushy, salty roads nothing but an unpleasant memory. But make no mistake, the bill comes due, and our "lion" arrives in June with the start of hurricane season.

Our stretch of the Suncoast has been extremely fortunate in that we have avoided a direct hit from a major tropical storm for many years. We've had some close calls, with the eye of Irma passing only a few miles to the East of us. Our neighbors to the North, South and East have been less fortunate, with widespread damage in these areas in just the last few years. The experts have conducted simulations that show a direct hit of a Category 5 storm on the Tampa Bay area could put most of downtown Tampa under 12 to 15 feet of water and create widespread damage through most of middle Hillsborough County. Even a Category 3 storm could cause billions of dollars of damage to the area.

As we have seen, storms of this sort can cause widespread power and telecommunications outages. While some municipalities have reduced their reliance on amateur radio operators in their emergency planning, we still have a role to play through Amateur Radio Emergency Service (ARES), Community Emergency Response Teams (CERT) and local nets such as the Disaster Amateur Radio Network (DARN). The Sarasota County Red Cross and the city of North Port both have an amateur radio component to their emergency planning. TARC has its own nets - we routinely

get together on the air on 2 meters, 70 cm, and 10 meters - these nets give us an opportunity to test our equipment, work on our operating skills, and socialize all at the same time.



While June might seem like a long time away, now is a good time to take inventory of our gear and put together a personal plan for operating during an emergency. Check the condition of any batteries, such as in your HT or solar backup system. Turn on you radio and let it run until you see how long the battery actually lasts - will your HT run all day or does the battery run out of steam in an hour. Consider how you might recharge your HT during a power outage - do you have access to emergency power such as a generator? Do you have a mobile charging cable so you can recharge from your car? If you have a generator, when is the last time you started it? Does it need an oil change? Do you have a supply of fresh fuel available? Do you have a way to put up a temporary antenna in the event your normal antennas are damaged?

If you are looking for an excuse to buy a new truck, I note with interest that you can order the 2021 Ford F150 with a 7.2 KW onboard electrical generator - several people in Texas used this system to power their homes during the latest power outage.

I am looking forward to enjoying the rest of our fabulous spring weather. Hopefully we will have another quiet storm season but remember that "fortune favors the prepared mind". Some planning now could help make the next storm a bit less stressful.

73 Steve - NS4P

Next Month
An unbelievable stealth antenna

Next meeting 7:00 PM, Wednesday, March 10, 2021 via ZOOM. *Check Groups.io for the link to connect.*

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 2/10/21 Meeting*

The monthly club meeting was conducted on Zoom and was called to order at 7:03 PM by President Phillips, NS4P. Steve recited the pledge to the flag. Attendance was captured via the Zoom session with new club member Randy Aitken who is currently in the Tech class and Paul Klebaur, W1BIU from Maine enjoying the nice weather in Venice now in attendance. Recently two TARC members passed away: Bill McPartland, WA2HGU, who was getting back into ham radio and Joe Wyatt, K2SQM, active in local CERT who just passed his Extra. They will both be missed.

MINUTES: Steve, NS4P, requested a motion to accept the minutes of the January 13, 2021 meeting as published in The Communicator. Motion was made by Peter Boers, KV4LR, seconded by Jesse Snyder, KW4IT, and approved.

CORRESPONDENCE: Patti Phillips, N4IGI, said TARC received a QSL card from KE8NWH in Michigan for a contact made during the 2020 FL QSO Party. This will be forwarded to Jack Sproat, W4JS, to reply. Thank you letters were written for recent club donations. A thank you email was received with kudos going out to Frank Wroblewski, W2XYZ, for an excellent DMR code plug with easy to follow instructions available on the Elmer's Corner page of the TARC website.

TREASURER'S REPORT: Treasurer Frank, W2XYZ, reported a beginning balance of \$11,968.25, receipts of \$6,616.00 the majority coming from Chet Fennell's, KG4IYS, donation of \$6,000.00 earmarked for the Repeater Site Reserve Fund, current reserve fund contribution of \$167.00, expenses of \$424.52, and an ending balance for the month of January of \$18,326.73. Motion was made, seconded, and the Treasurer's report was approved.

COMMITTEE REPORTS:

SUNSHINE: Jim Shortill, KJ4NDO, will be sending out sympathy cards to the families of Bill and Joe. The club wishes Paul, KN4BAR, a speedy recovery from his recent knee surgery.

VE TESTING: Steve, NS4P, mentioned there are three candidates for the next VE Test session.

LIAISON TO QCWA: There was no meeting this month.

REPEATER / TECHNICAL: Frank, W2XYZ, reported both the digital and analog repeaters were working

well. The digital net is held on the club 444.100 DMR repeater using Talk Group TAC 315. The digital net opens Tuesdays at 7:30 PM and on average a dozen people check in. The club 2m analog repeater frequency is 146.805 MHz (-) PL 100. The 2m net opens Thursdays at 7:30 PM. Hams can participate on the analog net via EchoLink using a computer, an iPhone, or an Android system based phone. Click on W4AC-R (Node 513309) on the EchoLink directory screen to establish EchoLink contact. Note this is a new node for EchoLink. Recently we had 25 people check in. The 10m net is on frequency 28.450 MHz, Upper Side Band, and begins immediately after the conclusion of the 2m net with about seven people checking in.

Tom Wilson, W1ICU, continues to host via Zoom a Virtual Breakfast gathering on Wednesdays at 10:00 AM. For details, please refer to the Groups.io site.

MEMBERSHIP: Paul Nienaber, KN4BAR, reported there are 128 regular members, 3 first year members, 8 life members, and 1 comp for a total membership of 140. Only 78 members have paid their 2021 dues. Remember club dues are due now and must be paid by March 1 or else you will lose club privileges; pay online on the website via PayPal or mail a check.

OLD BUSINESS: 1. Repeater Maintenance Team Update. Chet, KG4IYS, reported that the tower climbing team will be returning but no date has been set yet. The duplexers were tested and tuned this week. Thanks to Tom Porada, W4IEE, the holes were plugged on the feed-thru panel on the repeater building. San Yoder, K3SY, reported that he has had repeater coverage from Fruitville Rd. down to North Port.

2. Club Remote Station. Tom Shrilla, W8QJF, announced that the MyAntenna OCF 8010E-3K antenna was installed thanks to the help of Chip Estabrooks, WO0S; Frank, W2XYZ; Al Culbert, K0AL; Steve, NS4P; Chet, KG4IYS; and himself. All is working well. If interested in trying out the remote site send an email to tom@shrilla.com.

3. Winter Field Day. Frank, W2XYZ, reminded people to get their logbooks submitted by March 1 if they wanted their contacts counted.

4. License Classes. Paul, KN4BAR, said the Tech class began on February 7 with three students in session. The others are studying and will join upcoming study sessions.

Continued >>>>

TARC Minutes, continued

5. Club Gear for Sale. Club gear is going fast including a SWR meter and coax. The remaining items available for sale will be posted in The Communicator.

NEW BUSINESS: 1. The next fox hunt will be February 20 with Tom, W8QJF, and San, K3SY, as the foxes. Meanwhile, Paul, KN4BAR, is looking for volunteers to help with the regional Fox Hunt in October.

2. Virtual HamCation is this weekend with four tracks of forums via Zoom, which you can view afterwards on YouTube.

3. Steve, NS4P, stated the Shark Tooth 10K race will be held on February 27 and March 6 at Rothenbach Park, 8650 Bee Ridge Rd, Sarasota, FL 34241. You may have to walk up to 1 mile to your post and another mile back to Command Central. There will only be 100 runners on each day, temperatures will be taken

as you enter the park, and no spectators in race area. Contact Steve, NS4P, if interested in volunteering. There will not be a Shark Fin 5K race this year.

4. Jim, KJ4NDO, reported the Shark Tooth Festival is cancelled as the city of Venice would not grant permits.

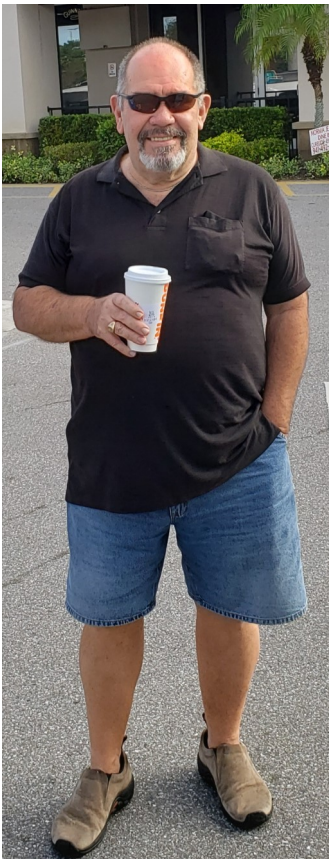
5. Tom, W8QJF, explained polling in Groups.io. Going forward, the club will utilize this polling technique for online voting rather than using email. 6. If interested in purchasing club shirts with your name and call sign embroidered on them please contact Embroidery Patch at 941-488-0001.

ADJOURNMENT: The meeting adjourned at 8:04 PM. There were 27 people at the meeting.

Program: Paul Nienaber, KN4BAR, Steve Phillips, NS4P, and Tom Shrilla, W8QJF, presented "Flagpole Antennas".

TARC loses two Silent Keys in February

One of TARC's newer members, **Joe Wyatt, K2QSM** passed away after a short battle with cancer. He was just licensed last year after training and testing with TARC, and he obtained his General License just a few months ago.



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Joe was active in the two-meter chat net and had just acquired an HF rig and begun participating in the club's ten-meter chat net. He was a leader in the IslandWalk CERT program, and was a good friend. He will be missed.

.... de Paul, KN4BAR

Bill McPartland, WA2GHU, who joined TARC a couple of years ago passed in February. Bill and I took the test, and Bill passed the extra exam. He got a KN4 call, but got his old call WA2HGU back last year. Bill was a long time operator who let the license lapse due to life's circumstances. He was just getting restarted in ham activities. de Bob, KN4RKE

Fox Hunt postponed

With the death of Joe Wyatt, K2QSM, who became an avid fox hunter, the injury to Paul Nienaber, KN4BAR, the mastermind behind the TARC fox hunts, (see page seven), and the unavailability of some of our experienced hunters, the planned February hunt was postponed.

Watch Groups.io for information on a possible late March or April reschedule date.



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
Antarctica – ZS7ANF by UA1PBA, **	Now Active	163	NO	02-04	02-04	23-03	NO	NO	NO	NO
South Sudan – Z81B by IZ0EGB, ++ 20m	Now Active	74	NO	23-04	--	20-02	18-24	13-24	16-22	NO
Cambodia – XU7AKU by JA1DFK	Now Active	349	NO	NO	NO	1300	2400	NO	NO	NO
Falkland Is – VP8AWU, ++ 40m	Now Active	165	03-05	01-10	00-09	22-08	21-04	20-01	17-24	15-24
Mozambique – C91BVA by CS7AMN	Now to ???	101	NO	23-03	--	23-01	--	1800	--	NO
Wake Is – NL7RR/KH9, SSB (approx. dates)	Now to 02 April	297	09-10	06-13	05-13	1400	2200	20-24	NO	NO
Jan Mayen – JX2US by LA2US, ** FT8	Now to 31 Mar	21	01-08	23-10	2200	2200	NO	NO	NO	NO
Sint Maarten – PJ7AA by AA9A, CW/SB/FT	Now to 27 Mar	113	22-12	20-14	00-24	11-08	12-01	13-24	16-23	19-20
Cayman Is – ZF2BJ by K0BJ, ** WARC bds	Now to 05 Mar	170	21-14	00-24	12-03	14-24	21-22	NO	NO	NO
Curacao – PJ2/AF4Z, K4JC, N1ZZ, WB5ZGA	01 to 05 March	137	22-12	20-14	00-24	12-08	12-02	13-24	14-24	19-23
Curacao – PJ2/DK5ON, all modes	04 to 23 March	137	22-12	20-14	00-24	12-08	12-02	13-24	14-24	19-23
Minami Torishima – JG8NQJ/JD1, **	10 to 31 March	308	1000	07-13	07-13	NO	20-21	21-24	NO	NO

Prepared 25 Feb 2021 based on <https://www.ng3k.com/>, *The Weekly DX* 21-8, and the *Ohio/Penn DX Bulletin* No. 1504

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

-- FEBRUARY SOLAR ACTIVITY --

Through 25 February, the 10.7 cm Solar Flux ranged from 70 to 81, with a mean value of 73.8. The A_p index was ≥ 7 on 16 days during that period. Sunspot groups were visible on 10 days, varying from one to three groups at a time. No solar flares occurred during this period.

-- MARCH FORECAST --

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

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to range from normal to high levels. High levels are expected on 02-04 Mar, 19-20 Mar and 29 Mar due to influence from multiple, recurrent CH HSSs. Normal to moderate levels are expected for the remainder of the month.

Geomagnetic field activity is expected to range from quiet to G1 (Minor) geomagnetic storm levels such as are likely on 01 Mar, 18-19 Mar and 28 Mar due to CH HSS influence.

Active conditions due to CH HSS influence are likely on 02 Mar, 06 Mar, 12-13 Mar, 15 Mar, 20-21 Mar and 28-29 Mar. Unsettled conditions are likely on 03 Mar, 16 Mar and 22 Mar. The remainder of the month should be at quiet levels.

The solar flux should range from 70 to 76, and average 73.2 for the month.

(From NOAA *Weekly Highlights and Forecasts*, 22 Feb 2021, NOAA *27-day Space Weather Outlook Table*, 22 Feb 2021, and 45 *Day AP Forecast*, USAF, 22 Feb 2021.)

-- ARRL DX CONTEST SSB WEEKEND --

Don't forget the SSB weekend of the ARRL International DX Contest is 06-07 March.

-- THE ART OF GIL GILDERSLEEVE --



Starting in December 1930, Philip "Gil" Gildersleeve –W1CJD contributed over 1500 cartoons and drawings to QST for almost 40 years. Gil became a Silent Key in 1966 and in 1986 the ARRL published "GIL, A Collection of Classic Cartoons From QST" in tribute to this very talented artist. While our equipment has changed over the years, many of Gil's cartoons are as applicable today as they were years ago, especially with regard to chasing DX.

Our Chief Operator isn't seen in these cartoons, but his faithful butler (apparently) Jeeves does his best to satisfy the commands of the Chief Operator.

Now that the intros are over, you can look forward to some more of Gil's true to life cartoons.

The Military Spec DIY Flagpole Antenna



By Tom, KN4ONE

OKay. “Military Spec” is a stretch, but at least I didn’t call it “Tactical”. It sort of is military spec since it is made from surplus military material. That material is military surplus tent poles often found at hamfests or online. These poles are referred to as tent poles, antenna masts, or camo net poles. The poles are about 4 feet long, are available in green or white, and are made from fiberglass or aluminum. (I saw one site where you can buy a truckload of 11,000 new ones for \$2.75 each!)

This antenna uses five aluminum sections and one fiberglass section. It is an off center fed vertical dipole just like the commercial models. This particular antenna ended up being usable on 20 meters without a tuner (SWR 1.6:1), but a remote tuner at the base of the antenna is required for other bands.

The spark that ignited this project came during a W1ICU zoom breakfast when Tom Wilson mentioned the words tent pole and flagpole antenna in the same breath. A giant LED light bulb illuminated over my head and a project was born. It happens that I had all the materials needed on hand with the exception of a piece of ladder line and a remote tuner. Thanks to NS4P for the ladder line and TARC for the loan of a tuner.

One aluminum pole is used for the lower part of the dipole, and four aluminum poles are used for the top. The fiberglass pole is cut into two sections and is used as the center insulator and the bottom mount/insulator. Construction is fairly easy and it was completed in less than 12 hours over the course of a few days. A lot of that 12 hours was dangerous thinking. The most difficult task was the center insulator.

About 7” of the tip (stub) end of the fiberglass pole was cut off for use as the center insulator. The upper aluminum sections insert into the receiver end of the just cut off piece. The difficulty came when it was discovered that a large amount of excess glue was inside the fiberglass pole. The fiberglass poles are made from a fiberglass tube and a coupling piece. The molded coupling piece is symmetrical. The same bit seen protruding is also inserted into the tube, with a large amount of glue. The excess glue was removed by a boring bar in a lathe, and carefully with a rotary file in a drill. It was not hard and just a rotary file could do the job. The result was a slight press fit of the upper aluminum sections into the insulator, which was good.

The remainder of the fiberglass pole has a slot cut into it so the ladder line can be fed in and up through

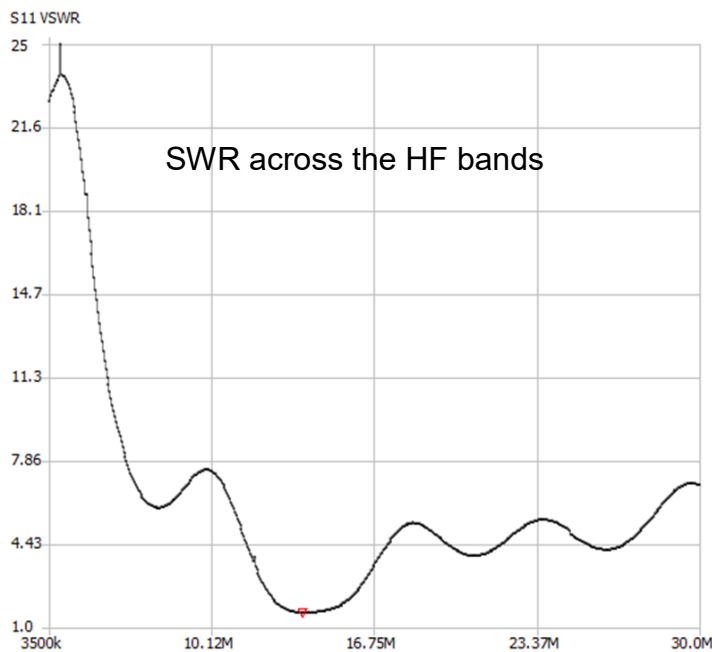
the lower aluminum pole to the center insulator. The ladder line is centered in the lower pole by some 3D printed spacers. The top of the ladder line has its center plastic removed so the wires can feed out of two holes and connect to the top and bottom of the dipole.

About 2.5 feet of 2” PVC pipe was buried in the ground as a receiver to hold the antenna. The fiberglass tube is smaller than the ID of the pipe, so some spacers are needed. In this case, some short 3D printed rings were glued on with hot glue. Caps for the top and bottom were also printed and installed. The bottom cap will help keep the antenna from sinking in the hole, and the top cap will keep birds from dropping trash into the antenna. (Learned from experience!).

The aluminum poles fit together with very little slop, but to eliminate any wiggle, three small screws were used to secure the aluminum poles together. The entire assembly is rigid and not very heavy. One person can carefully install it.

The Performance

An SWR scan without a tuner is shown. This scan was made with no tuner, at the radio end of about 65’



of coax coupled directly to the antenna ladder line. The radio’s internal tuner could easily tune 1:1 on 20M. At 100W on FT4, PSKreporter showed my signal from Eastern Europe to Japan. Other bands require an external tuner.

Con't >>

DIY Flagpole



An old remote tuner (SGC SG-230) was installed at the base of the flagpole. It will tune all the HF bands from 160 to 10 meters. It is a bit different using an external tuner because you have to transmit to make it tune up, but it's easy to get used to it. Two chokes, an ugly balun, and an old N2DU balun were used prior to the tuner. Using a non-resonant antenna is new to me and I wonder how much of my power is

actually making it to the antenna. Unfortunately I have no way to measure the losses in the tuner.

I don't live in an HOA community, but if I did I might try to get by with this antenna painted white and mounted in a concrete supported tube. No wind loading claims can be made and it will be taken down in high winds. As always – tinker at your own risk!



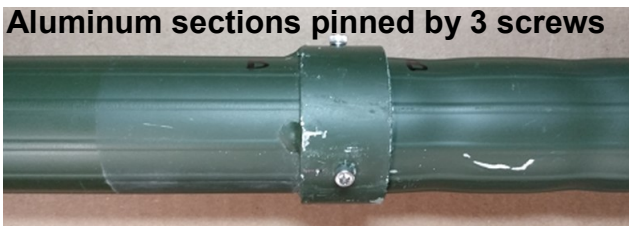
The center insulator



Ladder line with centering spacers



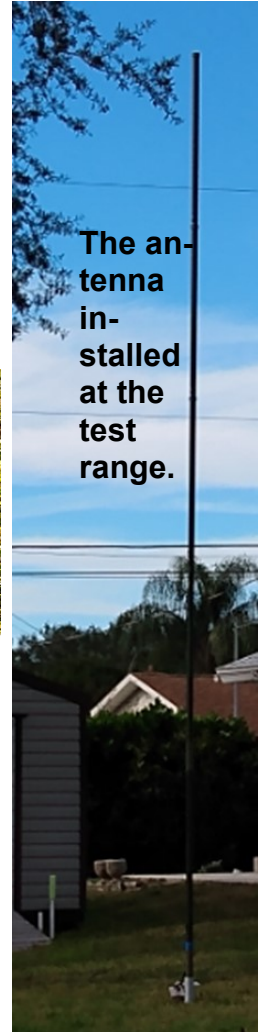
Ladder line exiting the slot in the bottom insulator



Aluminum sections pinned by 3 screws



Remote tuner and feedline chokes



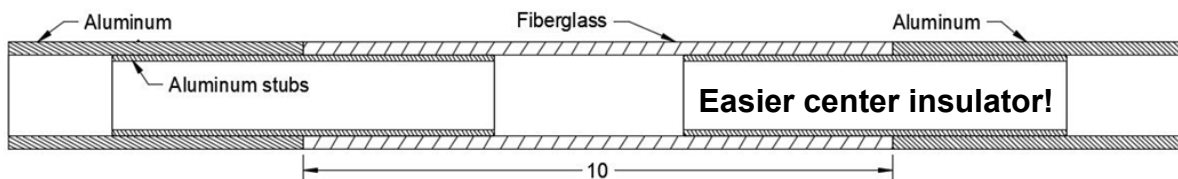
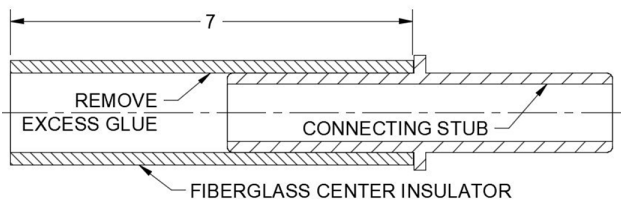
The antenna installed at the test range.

Further improvement!

Following the initial build, a couple of remaining persistent brain cells just couldn't let it go. The center insulator glue glob difficulty was bothering me.

An early mentor taught me a creative thinking technique to use when designing. Simply invert it. Turn it upside down, inside out, etc. to get a different perspective. The technique has served me well over the years.

In this case, the initial build has all the poles stacked, stub end down, just as if you assembled a long tent pole. Stub into hole – repeat. BUT WAIT...what if part of it was inverted! By inverting the bottom fiberglass insulator pole and the bottom aluminum pole, the stub is now pointing up. This means the center fiberglass insulator does not need a stub, and therefore no glue glob! The center insulator is just a 10" section of a fiberglass pole. It slides onto the upward pointing stub of the bottom aluminum pole. The Upper aluminum poles have their stubs pointing down and are slid into the top of the center insulator. Why didn't I think of that before?





by San, K3SY

What the Hellschreiber??

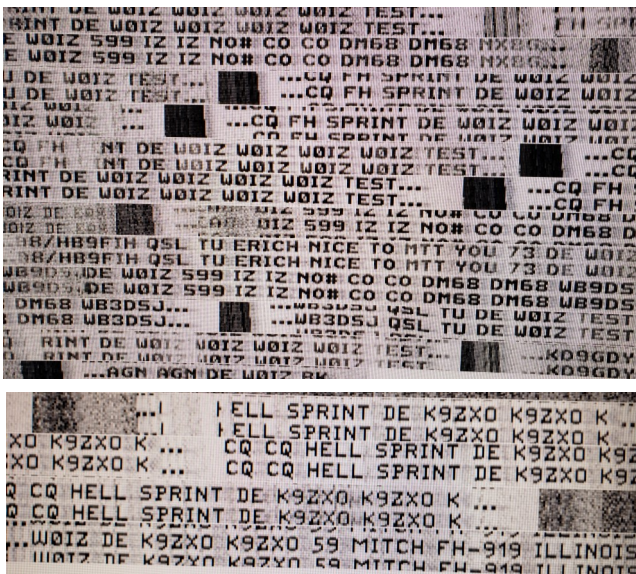
The question on a recent Thursday night TARC two-meter chat net was “have you ever used the Hellschreiber mode (AKA Feld Hell) to communicate via ham radio?” This prompted quite a bit of discussion, with a few members indicating they had used it.

As noted in the ARRL handbook, the method was invented by Rudolf Hell in 1929, and was used in WW II, and later adopted for ham radio use.

As it turned out, there was a Feld Hell sprint the next weekend. With my curiosity piqued, I tuned in to the

frequency on 20 meters during the contest. And, lo and behold, I was able to copy a QSO using Fldigi. I noted that a part of the exchange was a FH number. Since I now have an interest in making a few contacts, particularly to get multipliers in some contests, I thought I should get a number.


I applied for membership in the Feld Hell club and was issued a number and certificate within days. I now have another mode to try, and with a little luck will be able to communicate with a method new to me. The photos below show the display.



Feld Hell Club Membership

Sanford Yoder, K3SY

in memory of
Dr. Rudolf Hell
19 Dec 1901–11 Mar 2002



6791

Membership number

Louis Wulfel W8LEW
Club Administrator

The Feld Hell Club welcomes you and takes pleasure in awarding this certificate of membership to you for joining with fellow amateur radio operators around the world who use Dr. Rudolf Hell's "Hellschreiber" digital communications modes, patented by him in 1929 and still in use.

Hellschreiber was the first successful direct printing text transmission system, and was very popular at a time when teleprinters were complex and expensive, because the Hell receiving mechanism had only two moving parts. At first the Hellschreiber was mostly used for land-line press services, which continued well into the 1980s. A military version was used by the German Condor Legion during the Spanish Civil War (1933). During WWII, Hellschreiber was widely used for field portable military communications, for which it proved to be very suitable because the equipment was simple and robust.

Radio amateurs continue use of this nostalgic mode today.

Paul B. Walsh W4ALE
Membership Manager

www.feldhellclub.org



WINTER FIELD DAY REPORT



There is little to report about the results of Winter Field Day in terms of TARC scores. Since

individual members submitted their logs, and no tally was made of claimed scores, how we made out will not be known until results are published.

The incident reminds us to make safety a top priority, especially under field operating conditions.



W4IEE assesses

What we do know is our total will be short a significant number of QSOs due to an unfortunate incident at the north jetty where Paul, KN4BAR, intended to operate. While setting up with the help of NS4P and W4IEE, Paul made a misstep and landed on the ground with a blown out knee. A trip to the hospital and surgery were needed to fix the consequences. We wish Paul well as he embarks on therapy to regain mobility.



The pros take over

Live VHF propagation maps

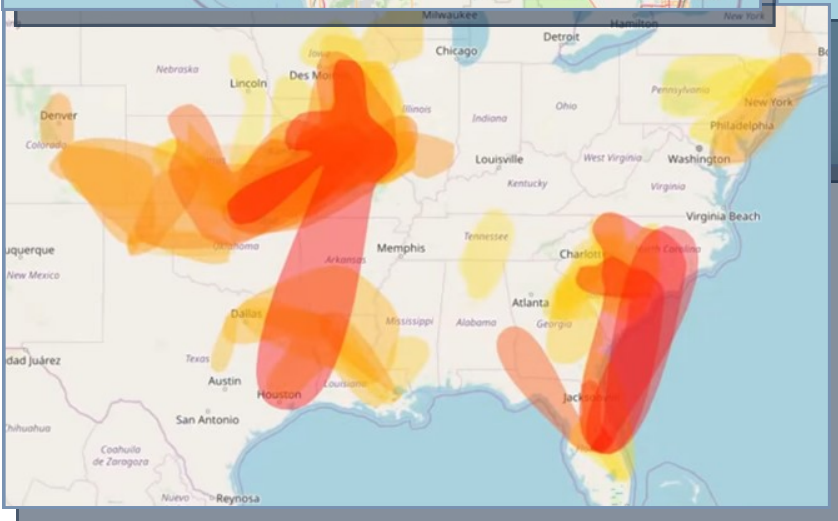
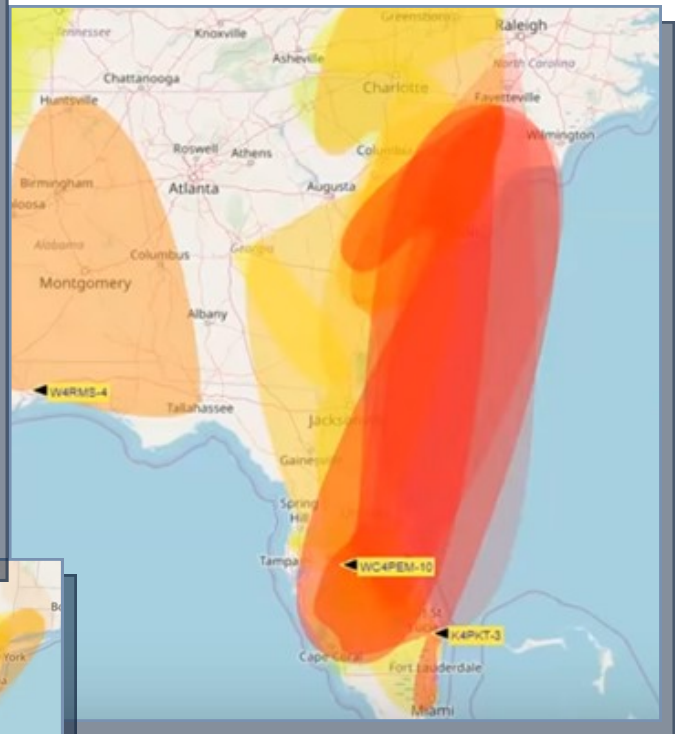
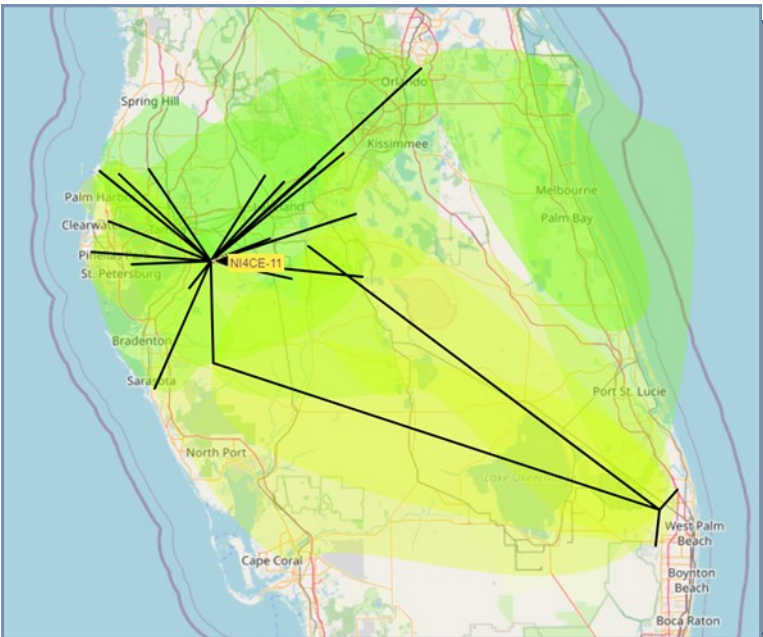
By Tom, W8QJF



Spring is almost here and that means goofy but fun propagation on our VHF 2-meter band! Florida is a hotbed of tropo and sporadic-e. One way I quickly check band conditions is to dial around the NOAA Weather Radio channels from 162.40MHz-162.55MHz. Stations used to have a unique “voice” but have now been homogenized so you have to listen for the station location identification every few minutes. Locally, Station WWG59 blasts a kilowatt on 162.40 from Venice, while WXXK83 serves Ft. Myers on 162.475. Recently though, I heard KGG67 on 162.55 from Panama City – 300 miles away. So I might conclude that our nearby 144-148 MHz 2-meter band might be ‘open’ to the NW. All of the Florida NOAA transmitters are listed [here](#).

A superior method of accessing real-time VHF propagation is via the **Automatic Packet Reporting System (APRS)**. It’s a reporting source from digipeaters mapping received signals at <http://aprs.mennolink.org/>. This is the homepage for my web browsers. From here you can instantly see where VHF is “open”. Simplex from two mobile stations or even HT’s can be obtained within areas of red or orange– analog or digital. Yellow or green areas have a good chance with an outside antenna and a little power. Click on the reporting station for detailed logs.

Go to: <http://aprs.mennolink.org/>



Miss that old favorite radio station from back home? Check out this web site!
<http://radiogarden/live/toulouse/radiopresence>



TOM'S TECH TIPS: Instant Windows Restart or Shutdown



Here's one you'll use more than you think. Add these icons to your desktop or start menu to instantly and safely shut down or restart your PC.

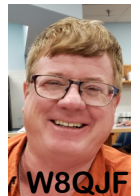


1. Right-click on any non-used area of your desktop and select **New**→**Shortcut**
2. In the popup type this: **Shutdown.exe -s -t 00** then click **Next**.
3. Type **Shutdown Computer** in the Name field then click **Finish**.
4. To make this new desktop shortcut stand-out, right-click it, select **Properties** and under the **Shortcut** tab choose **Change Icon**. Click through any nag message and select the icon you like from the library.
5. You can right-click the icon and choose **Pin to Start** to make it available from anywhere.
6. Here are other commands you can make as well:

Restart Computer: **Shutdown.exe -r -t 00**

Lock Workstation: **Rundll32.exe User32.dll,LockWorkStation**

Hibernate Computer: **rundll32.exe PowrProf.dll,SetSuspendState**



TARC hams once again having eyeball QSOs in spite of Covid



Several TARC members met at the DAV to celebrate a belated 81st trip around the sun for Al, K0AL. We wish Al many more!



R. side: W5GJ/Capt Bob; K4EU/Steve; W4JS/Jack
 L. side: WA2VUN/Mike; K0AL/Al; W2XYZ/Frank
 We got together for lunch at a local eatery in North Port on Monday/22nd. A good time was had by all..... And, we did chat about CW, DX'ing, Contesting, Station Building and several other interesting topics....
 ... de Steve, K4EU



Reminder! - Sign up for Amazon Smile and designate Tamiami Amateur Radio Club as your beneficiary, and each purchase will provide a donation to TARC

Coming to a Pharmacy near you!

This item has little or nothing to do with ham radio, but is of particular interest to me for personal reasons. While talking to my younger son, Dean, recently, I inquired what projects his employer is engaged in that he is working on. He mentioned that they were building the “innards” for new machines that will dispense prescriptions at pharmacies or other locations.

No need to stand in line at a counter waiting till someone finally sees you there and says “I’ll be with you in a moment” – which moment may be many minutes. You now can fill your prescriptions at a vending machine you may find at your doctor’s office, pharmacy, or some other location.

The company preparing to market the devices is Medavail. Web site is here: [Home - Medavail Technologies.](#)

Of course, few of us could foresee buying all sorts of stuff on Amazon with that stuff showing up the next day on our doorstep. So, who’s to say we won’t be getting our prescriptions from a robot in the near future? *de K3SY*



Bands dead? Nothing in TV? Bored silly? Try your hand at ham radio word search.
 Find the word list at right horizontally, vertically, or diagonally in any direction. Not listed is the mystery TARC member call. Any non-TARC call is strictly coincidental. Find the TARC call and win a free invitation to the Wednesday virtual breakfast.

R	E	P	E	A	T	E	R	X	Y	Z	A	N	M	P	O	J	S	I	M
A	Q	V	L	T	B	O	P	E	R	A	T	O	R	V	E	R	O	P	D
D	O	L	D	S	M	S	A	F	E	T	Y	X	6	O	P	E	L	A	5
I	E	I	Y	I	S	Q	V	X	T	Q	E	R	T	S	M	C	U	C	Q
O	3	G	M	U	G	5	K	I	T	4	V	D	M	E	T	E	R	K	A
G	S	H	R	E	I	I	L	M	I	N	P	Q	O	R	S	I	T	E	E
R	E	T	M	O	A	R	P	S	M	T	J	V	D	C	X	V	O	T	L
A	C	N	W	X	U	Y	O	A	S	Z	M	U	E	A	G	E	I	Z	B
M	H	I	C	D	A	N	T	E	N	N	A	G	M	R	O	R	V	F	C
B	O	N	B	E	G	Q	D	J	A	C	H	N	J	P	R	Q	G	A	K
F	L	G	B	R	H	9	E	G	R	O	P	Q	D	E	E	C	I	1	E
K	I	L	V	O	Q	N	I	L	T	B	H	M	F	Z	P	R	L	E	N
M	N	E	U	T	R	A	L	Z	S	W	R	T	N	H	Z	Y	X	2	W
P	K	O	S	A	W	R	D	K	J	E	U	A	W	B	Q	F	C	R	O
U	W	X	V	L	E	G	I	Q	7	R	E	K	D	U	S	T	K	L	O
O	C	B	J	U	Z	A	P	V	E	R	T	I	C	A	L	X	H	I	D
R	Y	A	E	S	U	4	O	D	L	Z	A	X	C	T	A	V	D	O	X
X	Z	L	X	N	S	F	L	Z	H	B	M	N	Z	O	C	N	I	L	A
J	Y	U	C	I	Z	O	E	O	R	8	A	I	C	X	M	J	W	X	5
F	L	N	Y	H	S	V	I	D	V	J	Y	D	Z	P	Z	Q	M	S	P

- ALINCO
- AMATEUR
- ANTENNA
- BALUN
- COAX
- CODE
- DIGIPAN
- DIPOLE
- ECHOLINK
- FERRITE
- GROUND
- HAM
- ICOM
- INSULATOR
- JUMPER
- KENWOOD
- KIT
- LIGHTNING
- METER
- MODEM
- NEUTRAL
- OPERATOR
- PACKET
- QSL
- QSO
- RADIOGRAM
- RECEIVER
- REPEATER
- SAFETY
- SOLDER
- TRANSMITTER
- VERTICAL
- YAESU

March 2021



Sun	Mon	Tue	Wed	Thu	Fri	Sat
* Peaches opens at 6:00 AM. Orders taken at 7:00	1 QCWA 11:30 AM Denny's Bee Ridge Road	2 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	3 # Virtual breakfast via ZOOM 10 AM	4 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	5 Breakfast @ Peaches *	6 Breakfast @ DAV 9:30 Shark's Tooth 10K Peace River Hamfest
7	8 Darn net 11:00 AM Starts on NI4CE/rpt 145.43 pl100	9 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	10 # Virtual Breakfast 10 AM TARC meeting 7:00 PM via ZOOM	11 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	12 Breakfast @ Peaches *	13 DAV 9:30 TARC VE session @ NS4P residence
14	15	16 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	17 # Virtual breakfast via ZOOM 10 AM	18 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	19 Breakfast @ Peaches *	20 Breakfast @ DAV 9:30
21	22	23 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	24 # Virtual breakfast via ZOOM 10 AM	25 TARC net @ 7:30 PM W4AC / RPT 146.805 ** +10M net	26 Breakfast @ Peaches *	27 Breakfast @ DAV 9:30
28	29	30 Breakfast @ Peaches * DMR net @ 7:30 PM W4AC 444.1	31 # Virtual breakfast via ZOOM 10 AM	# See Groups.io for sign-on to virtual breakfast		

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.

Editor - San Yoder, K3SY, who acknowledges and thanks these contributing writers this month: Steve Phillips, NS4P, Patti Phillips, N4IGI, Jack Sproat, W4JS, Tom Shrilla, W8QJF, Tom Babcock, KN4ONE, Paul Nienaber, KN4BAR, and Tom Porada, W4IEE.

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

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TAMIAMI AMATEUR RADIO CLUB, INC. - Membership Application

NAME _____ Call Sign _____ Class _____ ARRL ? Yes ___ No ___
YL/OM or
2nd Fam. Memb. _____ Call Sign _____ Class _____ ARRL ? Yes ___ No ___
LOCAL ADDRESS _____ CITY _____ ZIP _____
PHONE _____ CELL _____ e-mail _____
SUMMER ADDRESS _____ CITY _____ STATE _____ ZIP _____
PHONE _____ ALT. e-mail _____
Application date _____ PAYMENT: Amount _____ by: Check ___ Cash ___ PayPal ___ First year free ___

For payments by mail send to:
TAMIAMI AMATEUR RADIO CLUB, INC.
PO Box 976
Nokomis, FL 34274
Web site www.tamiamiarc.org payments
accepted via PayPal [Add \$1.00 convenience fee].

Dues:

Regular member: \$20.00/year

After 6/1 - \$10.00 to year end. After 10/31 \$20.00 thru next year.

Family membership: \$25.00/year. Non-voting student: \$5.00/year.

New licensee: 1/1 to 10/31 - free to year end.

11/1 to 12/31 - free thru next year.

Please note: After two month grace period thru Feb., non-renewals will be dropped.

TARC web site: <http://www.tamiamiarc.org>

Contact: Secretary, Patti Phillips, N4IGI - secretary@tamiamiarc.org

