



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, 2017

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President's message.....KB1HIP

I want to welcome the TARC snowbirds back to Florida. I am one of them and I know I am happy to be back. One of the reasons is the radio club and its activities. Please mark your calendars for the Christmas party which will be held on Tuesday, December 12. The final details will be completed and released at the TARC monthly meeting on November 8.

We also plan to have an equipment auction at our January monthly meeting. We are looking forward to the Hamvention in February, the Sharks tooth 10K race in March, the Shark's Tooth Festival in April, the Florida QSO party at the end of April, and the ARRL Field day in June.

A new year is approaching quickly and we will be looking to fill the club officer positions for 2018. Please consider running for one of the positions. Your work will ensure that the club will continue to be an integral part of the community.

Good News! The 146.805 MHz VHF repeater has been converted back to analog use. So, please pull out your handheld or base VHF analog radio and put it back to use on the Thursday evening net, which we plan to restart, or on the monthly DARN net. We used this repeater on the Disaster Amateur Radio Network (DARN) monthly Drill on October 16 and we had good contact with our stations in Bradenton, Sarasota, Arcadia, Cape Coral, Port Charlotte and Punta Gorda Isles. From this list you can see that the repeater is working well from the north, east and south of the repeater and it can be very useful in an emergency.

I hope everyone has an enjoyable November.

VY 73 to All de Andy-KB1HIP



November Meeting

Our meeting will start at **7:00 PM** on Wednesday, **8 November, 2017** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive.

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 10/11/17 Meeting*

President Andy Durette, KB1HIP, called the meeting to order at 7:00 PM with the pledge to the Flag. Introductions were made all around by name and call sign.

MINUTES: President Durette requested a motion to accept the minutes of the June 14, 2017 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 \$7,029.38, income of \$167.00, expenses of \$1518.36 and an ending balance on September 30 of \$5,678.02

SUNSHINE:

VE TESTING: Don Jansen, KI4VGE, reported that, due to the suspension of Club meetings during July and August, and the cancellation of the September meeting due to Hurricane Irma, no candidates were tested. He did expect that a greater number of candidates would sit for examination in the coming month.

LIAISON TO QCWA: There were 22 members, spouses and visitors present for the October, 2017 meeting of Suncoast Chapter 53 at Denny's restaurant in Sarasota. Hans Napfel, WB2ZZB, presented a program on river cruises.

REPEATER / TECHNICAL: Frank Wroblewski, W2XYZ, reported that the digital repeater was on line and working. The digital contact frequency for the TARC digital net is Talk Group 311. He also advised the membership that the 2 Meter analog repeater was now on line at the former frequency of 146.805 MHz, with a PL tone of 100. President Durette asked the membership for volunteers to serve as net control for the 2 Meter Thursday net. Contact Andy Durette if you wish to serve.

MEMBERSHIP: The Club has 50 regular, 10 first year, 0 student, 4 life and one complementary member for a total of 65.

OLD BUSINESS: 10K race and Shark tooth Festival tent proposal: Tom Porada, W4IEE, will present the details and costs associated with purchasing a new tent at the November meeting.

NEW BUSINESS:

1. Club polo shirts: Tom Porada, W4IEE, presented a proposal for distinctive Club polo shirts. Cost would be approximately \$30-35 dollars for a shirt with a club logo embodied on the left side. He will bring samples to the next meeting.
2. New laptop computer: Frank Wroblewski, W2XYZ, presented the new Club laptop computer. This computer will replace the old inefficient laptop used during the Shark Tooth Festival.
3. Christmas party: Jim Shortill, KJ4NDO, requested membership provide input for the 2017 Christmas party. The members requested that the Left Coast Seafood restaurant and Waterfrontoo restaurant be asked about menu, price, and availability. Jim will report back to the Board with the results. The members recommended December 12 as the date for the party.
4. January equipment auction: The Club is in receipt of equipment from two silent-key Hams. This equipment will be auctioned off at the January, 2018 meeting. A list of equipment for sale will

Minutes 10/11/17 Meeting, con't.

be published before the January meeting. Mr. Dick Lee, W9NVU, and his wife, very graciously agreed to inspect, collect transport this equipment currently located in the Midwest.

By motion made, seconded and approved, the membership agreed to provide a \$100.00 restaurant gift certificate to Mr. and Mrs. Lee for their kind assistance to the Club.

5. Mr. Tom Porada, W4IEE, agreed to become the Club's Public Information Officer.

President Durette handed out spare issues of the "Communicator" to the membership for distribution to individuals interested in Ham radio.

There were 18 Ham members and 5 Ham visitors present.

Roger Schmitt, KY4RS, won \$18.00 in the 50-50 drawing. He donated his winnings to the Club.

PROGRAM: Hans Napfel, WB2ZZB, presented an explanation of how 1 and 0 can be and are used to signify numbers and letters. He explained how numbers were used throughout history and how facility with numbers continued to grow as civilization developed. Arithmetic progressed through calculating machines to the representation of numbers by means of 1s and 0s that could be processed at blinding speed. Number sequences were developed that could be used to represent letters and punctuation symbols. Computer chip computational speed is continually increased. And so we find our lives enriched.

Tom Porada, W4IEE named Public Information Officer for TARC

The Tamiami Amateur Radio Club has had sporadic publicizing of its activities over the past several years. We have not taken advantage of opportunities to make the public aware of our activities, such as our participation in the Shark's Tooth Festival, Field Day, etc. Tom Porada, W4IEE, has agreed to serve as our Public Information Officer.

Tom was first licensed in 1961 as WV2TAB in New Jersey. That migrated to WA2TAB as he moved on from novice. There he operated with a Hallicrafters S85 and a Johnson adventurer connected to a dipole.

Next Tom held WA1MDO in Massachusetts where he served as PIO for two years for the Westboro Civic Club. Carson City, Nevada was his next stop where he held call KK7YW. There he served as ARRL State Government Liaison (SGL). In that capacity he met regularly with state legislators.

With his move to Florida, Tom obtained his Extra and sought a good CW call. W4IEE met those requirements. Tom now operates a Flex 6500 through a tuner to a 75 foot wire lying on a tile roof. (Drat those HOAs!)

We look forward to superb TARC public information activities down the log.





DX Jack's page....

..... By Jack Sproat, W4JS

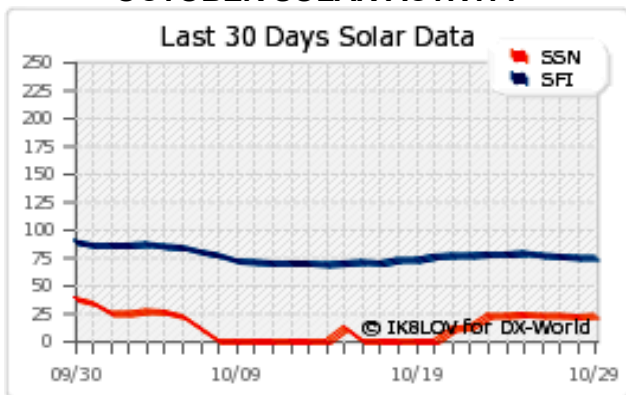
MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

| CURRENT and/or SCHEDULED DX ACTIVITY | | | | | | | | | | |
|--|------------------|------------|---------------------------------------|--------------|--------------|--------------|------------|-------|-------|----|
| COUNTRY – CALL SIGN | ACTIVITY PERIOD | BEAR-ING | HF BANDS and BEST OPENING TIMES (UTC) | | | | | | | |
| | | | 80 | 40 | 30 | 20 | 17 | 15 | 12 | 10 |
| Botswana – A25A by NJ0F | Now to 05 Nov | 105 | 22-04 | 21-05 | 20-05 | 17-22 | 15-20 | 15-21 | 16-20 | NO |
| Cocos Keeling – VK9CZ by two GM ops | Now to 06 Nov | <u>183</u> | | 22-23 | Work-able | on | 40m | long | path | |
| St Kitts & Nevis – V47JA by W5JON | Now to 07 Nov | 114 | 20-13 | 12-23 | 13-21 | 15-20 | 16-19 | NO | NO | NO |
| Azores – CT8/DL7ZG & CT8/DL7AFS | Now to 10 Nov | 61 | 21-10 | 12-01 | 12-21 | 14-19 | 15-18 | 16-18 | NO | NO |
| Solomon Is – H44MS by DL2GAC ++ | Now to 30 Nov | 275 | 07-12 | 06-14 | -- | 14-17 | 1530 | NO | NO | NO |
| Minami Torishima – JG8NQJ/JD1, CW/RTY | Now to 15 Dec | 308 | 06-12 | 05-14 | 12-15 | 14-16 | 2100 | NO | NO | NO |
| East Timor – 4W/OZ1AA, **, some FT8 | 01 to 07 Nov | 300 | -- | 08-13 | 08-13 | 14-17 | 1500 | NO | NO | NO |
| Vanuatu – YJ0CA & YJ0MB, ++ | 01 to 07 Nov | 262 | -- | 05-14 | -- | 13-18 | -- | -- | -- | -- |
| Hong Kong – VR2/KC0W, **, FT8 | 01 to 15 Nov | 340 | 10-12 | 10-12 | NO | NO | NO | NO | NO | NO |
| Guinea – 3XY3D by F5OZC, ** | 02 Nov to 01 Dec | 90 | 22-08 | 19-09 | 18-23 | 14-20 | 15-20 | 17-18 | NO | NO |
| Norfolk Is – VK9/M0VFC, focus on 30/20m | 03 to 06 Nov | 250 | 06-12 | 05-14 | 05-14 | 13-17 | 1800 | NO | NO | NO |
| Mellish Reef – VK9MA by 9-op team | 03 to 16 Nov | 267 | 07-12 | 06-14 | 05-15 | 14-17 | 15-16 | 2030 | NO | NO |
| Barbados – 8P9MT by WT4BT | 04 to 10 Nov | 118 | 21-12 | 11-07 | 12-22 | 16-19 | 14-21 | 17-20 | NO | NO |
| Barbados – 8P9BT by N7BF | 04 to 12 Nov | 118 | -- | 11-07 | 12-22 | 16-19 | 14-21 | 17-20 | NO | NO |
| Mauritius – 3B8HC by HB9ARY | 04 to 28 Nov | 88 | 22-01 | -- | -- | 20-22 | 19-20 | NO | NO | -- |
| Guadeloupe – FG/K2HVN, ** | 05 to 10 Nov | 115 | -- | 11-00 | 13-22 | 15-20 | 16-20 | NO | NO | NO |
| Burundi – 9U4M by international team | 06 to 17 Nov | 82 | 22-04 | 21-05 | 21-23 | 19-22 | 19-20 | 18-19 | NO | NO |
| Montserrat – VP2MDL by 7-op team | 06 to 20 Nov | 115 | 20-13 | 12-23 | 13-22 | 15-20 | 16-20 | NO | NO | NO |
| Australia – VK9AR, rare IOTA by 3-op team | 07 to 10 Nov | 260 | 09-12 | 08-13 | 09-13 | 13-15 | 1400 | NO | NO | NO |
| Tanzania – 5H3DX by NK8O, ** | 07 Nov to 04 Dec | 83 | -- | 21-04 | 23-03 | 20-22 | 19-20 | NO | NO | NO |
| Nauru – C21VE, JY & GA, JA ops, all mode | 08 to 14 Nov | 279 | 06-13 | 05-14 | 04-15 | 14-15 | 19-22 | 19-21 | NO | NO |
| St Kitts & Nevis – V4/G0FWX, holiday style | 08 to 15 Nov | 114 | 20-13 | 12-23 | 13-21 | 15-20 | 17-18 | NO | NO | NO |
| Svalbard – JW/DL2JRM | 10 to 13 Nov | 13 | 22-12 | 22-14 | 12-16 | 14-16 | NO | NO | NO | NO |
| San Andres & Prov – 5K0T by 6-op team | 11 to 25 Nov | 177 | 00-24 | 00-24 | 12-00 | 13-22 | 15-21 | 16-19 | 16-20 | NO |
| Canary Is – EA8/IZ2DPX, ++ | 13 to 20 Nov | 72 | 21-09 | 18-00 | 12-22 | 14-20 | 15-19 | 16-18 | NO | NO |
| Guineas Bissau – J5T by 7-op team | 13 to 26 Nov | 90 | 22-08 | 19-09 | 17-23 | 13-21 | 15-19 | 15-19 | NO | NO |
| Micronesia – V63PSK by JA1FMN, digital | 14 to 18 Nov | 293 | -- | -- | -- | 14-16 | 20-21 | NO | NO | NO |
| Vanuatu – YJ0JA by JA1VND, CW/SB/RV | 15 to 20 Nov | 262 | 06-13 | 05-15 | 06-15 | 14-18 | 14-22 | 19-21 | NO | NO |
| St Barthelemy – TO2SP by 6-op team | 16 to 30 Nov | 113 | 20-13 | 12-23 | 13-21 | 15-19 | 1730 | NO | NO | NO |
| Vietnam – 3W9CW by KC0W, **, FT8 | 17 to 30 Nov | 348 | 11-12 | No | Other | Open-ings | Fore- cast | | | |
| Belize – V34AO by DL7VOA, ** holiday stl | 18 to 30 Nov | 211 | 00-24 | 12-00 | 13-23 | 15-21 | 15-21 | NO | NO | NO |
| Ghana – 9G5W by 7-op team | 20 to 29 Nov | 88 | 22-07 | 20-08 | 19-10 | 14-20 | 15-19 | 15-19 | NO | NO |
| Rodrigues Is – 3B9HA by G0CKV, holiday st | 23 Nov to 12 Dec | 84 | 23-01 | 22-02 | NO | 20-22 | NO | NO | NO | NO |
| French Guiana – FY/DL7BC | 26 Nov to 07 Dec | 123 | 22-11 | 11-00 | 13-22 | 14-20 | 15-20 | NO | NO | NO |
| Galapagos Is – HC8LU by 6 ops, SB + Digi | 29 Nov to 07 Dec | 196 | 22-13 | 12-09 | 12-00 | 14-22 | 16-20 | 15-21 | 17-19 | NO |
| St Martin – FS/K9EL, W9ILY & W9MK | 30 Nov to 08 Dec | 113 | 19-14 | 12-23 | 14-21 | 15-20 | NO | NO | NO | NO |

Updated 30 October 2017 based on 30 October *The Weekly DX* 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. Solar Flux and K-index varied by dates in accordance with the NOAA SWPC 27-day Space Weather Outlook Table and USAF 45 Day AP Forecast.

-- OCTOBER SOLAR ACTIVITY --



(From DX-world.net)

-- NOVEMBER FORECAST --

Solar activity is expected to be at very low levels with a slight chance for C-class flares on 01-04 Nov and 15-25 Nov due to flare potential from Regions 2685 and 2686. Very low levels are expected on 05-14 Nov.

No proton events are expected at geosynchronous orbit.

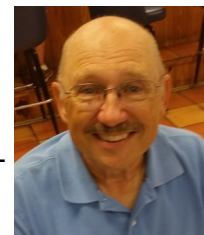
The greater than 2 MeV electron flux at geosynchronous orbit is likely to be at high levels on 01, 03-06, 08-15, 17-18, 21-25 and 28-30 Nov with very high levels on 11-14 Nov due to CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels on 02-05, 07-12, 15-17 and 20-22 Nov, with G1 (Minor) storm levels likely on 07-11 Nov, and G2 (Moderate) levels likely on 09 Nov due to recurrent CH HSS effects.

The 10.7 cm Solar Flux should range from 70 to 75, and average 72.5 during November.

(From *NOAA Weekly Highlights and Forecasts*, 30 Oct 2017, *NOAA 27-day Space Weather Outlook Table*, 30 Oct 2017, and *45 Day AP Forecast*, USAF, 30 Oct 2017.)

Digital Wizardry by Frank, W2XYZ



Surprise! I'm back, but that's not what the surprise is. The surprise is I'm not going to talk about FT8. I'm lying! A little bit I must mention. What I want to say about FT8 is, there is so much information readily available about it, that I would be wasting your time to talk about it. The October and November issues of QST have an excellent two-part series about digital communications, specifically the modes of WSJT-X. There's tons of info in forums on eham.net, QRZ and others. Videos showing what it is and how to use it are on youtube.com. If that's not enough for you, just ask most any Ham about it and he probably will tell you, he has already used it. So, enough said about FT8.

About 1000 miles from Antarctica and 2000 or more miles from anywhere else, is a rock in the water named Bouvet Island. Sometime in 2018 (probably January) a bunch of guys with apparently no good sense are leaving their comfortable homes and travelling to it. They plan to erect antennas, connect radios, and live there for a few weeks so they can put the 2nd most wanted DX entity on the air. The equipment they will be using has to be some of the best. If something breaks, FedEx will not overnight a new one to Bouvet Island. The equipment must be top notch in order to withstand the transportation, the environment, and any unintentional misfortune that might occur from Mother Nature or half-frozen operators.

Fortunately, many good companies have stepped-up to the plate and are outfitting the DXpedition with their finest products. One such company is Flex Radio. Everyone has their favorite brands, but one thing all can say about Flex—they make excellent radios. Flex Radio will supply the team with eight Flex-6500 SDR transceivers and eight Maestro control consoles. The going price on each of those stations is \$5500. I know I wouldn't mind owning one of those stations (just in case some long lost rich uncle happens to be reading this). Unfortunately, my champagne taste doesn't match my Coca-

Cola budget...BUT I can have half of such a station for around twenty-five bucks.

All right, you caught me, I'm lying again. Not about the twenty-five bucks, but about half a station. The truth is you can have a SIMILAR receiver for \$25.95. This is not really a fair comparison because the Flex-6500 tunes the HF frequencies and 6m. The radio I'm talking about tunes from 100 kHz and all the way to 1.7 GHz and is more than 200 times cheaper. Truth being said, the Flex-6500 is a far better radio than the one I'm speaking of, but \$25 versus \$5500 is something to think about, too.

Both receivers are "Software Defined Radios" (SDR). Minimal hardware involved. The radio signals are turned to ones and zeros and fed into a computer. As Euclid used to tell his buddies Socrates and Plato back at the Pool Hall in Athens, "Once you have something down to ones and zeros, you can do anything you want with it." (True statement—I read it on the Internet). We may have taken 2500 years to understand what he meant, but then again he was a pretty smart guy for his times.

Software Defined Radios connect to a computer that does the heavy-lifting to change it to audio and display a beautiful panoramic view of the radio band of interest. You see where the activity is on the band. You see what frequency that rare DX station working split is listening to. You see the quality of someone's audio signal. You are able to recognize digital modes from the way they look. You can narrow down a passband for CW or Phone to where there is no adjacent QRM. You can notch out interfering noise and QRN. Basically you can do anything you want with it because, it is all ones and zeros now. One thing I forgot to mention...the software to use it is free.

Next month I'll tell you more about these marvelous radios. Where to get one and some ways to use it. Until then...

73, Frank Wroblewski, W2XYZ

Preparing for a “very bad day”!

ARRL has notified all radio amateurs of the DOD “communications interoperability” training exercise scheduled for November 6th to 9th, 2017. If you have any interest in emergency communications, you may want to fire up the rigs, give a listen, and possibly participate. Here is the ARRL notification:

From ARRL Headquarters
Newington CT October 24, 2017
To all radio amateurs

SB QST ARL ARLB019
ARLB019 Communications Interoperability Training with Amateur Radio Community Set

Elements of the US Department of Defense (DOD) will conduct a “communications interoperability” training exercise November 4-6, once again simulating a “very bad day” scenario. Amateur Radio and MARS organizations will take part.

“This exercise will begin with a national massive coronal mass ejection event which will impact the national power grid as well as all forms of traditional communication, including landline telephone, cellphone, satellite, and Internet connectivity,” Army MARS Program Manager Paul English, WD8DBY, explained in an announcement.

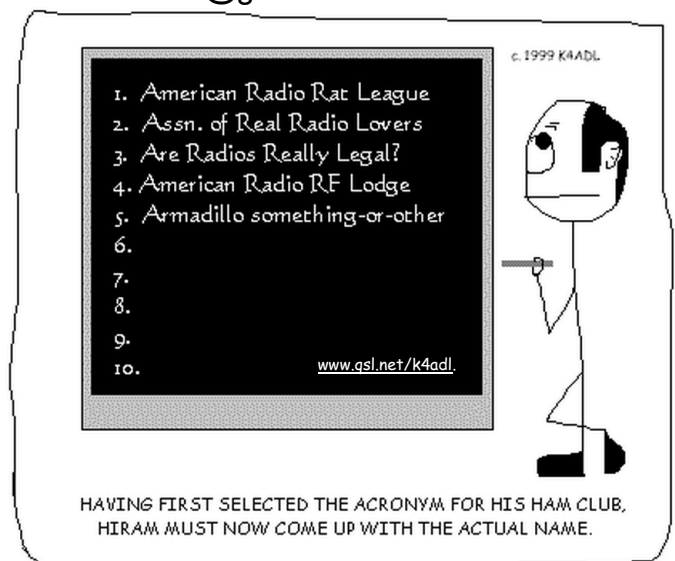
During the exercise, a designated DOD Headquarters entity will request county-by-county status reports for the 3,143 US counties and county equivalents, in order to gain situational awareness and to determine the extent of impact of the scenario. Army and Air Force MARS organizations will work in conjunction with the Amateur Radio community, primarily on the 60-meter interoperability channels as well as on HF NVIS frequencies and local VHF and UHF, non-Internet linked Amateur Radio repeaters.

Again this year, a military station on the east coast and the Fort Huachuca, Arizona, HF station will conduct a high-power broadcast on

60-meter channel 1 (5330.5 kHz) on Saturday from 0300 to 0315 UTC. New this year will be an informational broadcast on Sunday, on 13483.5 kHz USB from 1600 to 1615 UTC. Amateur Radio operators should monitor these broadcasts for more information about the exercise and how they can participate in this communications exercise, English said.

“We want to continue building on the outstanding cooperative working relationship with the ARRL and the Amateur Radio community,” English said. “We want to expand the use of the 60-meter interop channels between the military and amateur community for emergency communications, and we hope the Amateur Radio community will give us some good feedback on the use of both the 5-MHz interop and the new 13-MHz broadcast channels as a means of information dissemination during a very bad day scenario.”

Contact Paul English for more information or questions about this exercise via email at, mars.exercises@gmail.com.



Random acts of photography..



Tom Porada, W4IEE, newly appointed TARC PIO, is seen honing his interpersonal relationship skills while recruiting new TARC members somewhere in the Caribbean. >>

<< Tim O'Conner, KG4TMK, and Jane O'Conner, KJ0CAT, Director of Human Resources at Venice Regional Bayfront Health, attended the October TARC meeting. Jane is looking toward a partnership with TARC to upgrade the hospital's emergency communications capability.



October club meeting ...



<< Don, KI4VGE, and Dexter, KB1FY compare avocados. It was a draw as to which one was prettier.

Glenn, N4MXQ, and Guenther, AJ4QX conspire to infiltrate the world of TARC to see what all this talk of DX is all about. >>



<< Hans, WB2ZZB sets up for his presentation on the ones and zeros that rule our modern-day world.

Irma visits W5GJ's station



<<< Bob, W5GJ found this mess when he checked his tower post-Irma. His neighbor's tree picked an inopportune place to seek earth.

Weeks later a works-in-progress photo shows the condition of the tower as Bob looks to make lemonade of the situation. A couple of new beams will adorn the tower when completed. Look out DX-land! >>>



These photos show Yuli, the XYL of Jack, W4JS, working DX the hard way — by actually visiting those rare entities rather than sitting at a radio. When is the last time you had an eyeball QSO with an elephant?

Here are two photos of Yuli when she visited the Central Elephant Conservation located in Way Kambas, East Lampung Kabupaten (county), Sumatra. Elephants are used to assist workers in forestry management in Indonesia.

Only the bull Asian elephants have tusks, so this is a female. The mahout (trainer) is responsible for 3-4 elephants and the elephants will only respond to their specific trainer.

Yuli and this elephant got along quite well, especially when Yuli gave her bananas for a treat, and the mahout took Yuli on a ride around the park area.



November 2017

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

**The W4AC 146.805 Repeater is now ANALOG, PL100.

**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**

2017 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 |
| Public Information Officer: | 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
<http://www.tamiamiarc.org> Webmaster: Dave Gill, K4JDG*