



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>

February, 2018

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President's message.....KB1HIP

Another month has come to a close. The club had one fun activity last month. We held an equipment auction at the 10 January meeting. The equipment was donated to the club by the families of two silent keys. The club netted \$387 which was turned over to our treasury.

Thanks to Jim Shortill, KJ4NDO, the chief auctioneer, to Al Culbert, K0AL for technical support, and to Frank Wroblewski, W2XYZ, for some adept accounting. Please see the monthly minutes in this issue for details of the event.

The MFJ AL80B one kilowatt amplifier is still available if anybody wants to make an offer. If the amplifier is still available, it and some spare parts that are left over will be taken to the HamCation show and displayed for sale on Al's, K0AL, tailgate table.

The exhibition tent that we ordered came in last month. A crew of members went over to Jim's house to put up the tent to see if all the pieces were there. The assembled tent was awesome. Pictures of the assembled tent are shown in this Communicator. Our thanks go to Tom Porada, W4IEE, who did the research, design and procurement of the tent.

We recommend that all of our members attend the 2018 HamCation, the Amateur Radio and Electronics show that will take place on 9 to 11 February at the Central Florida Fairgrounds and Expo Park in Orlando. It is the second largest amateur radio convention/hamfest in the country.

We are now preparing our plan to monitor the Shark's Tooth 10K race which will take place on Saturday, 03 March, 2018. Frank Wroblewski, W2XYZ, is coordinating this activity. Please see him or me to sign up.

I hope everyone has a good February.

VY 73 to All de Andy-KB1HIP



Jim Greenleaf, K1ACT, worked many years in Washington for the FBI and CIA.

Come to the February meeting to hear about the relationship between the FBI, Dept. of Justice and The White House.

February Meeting > Please note date change!

Our meeting will start at 7:00 PM on Wednesday, 21 February, 2018 at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive. (Regular meeting date is Valentine's Day)

TAMIAMI AMATEUR RADIO CLUB *Minutes of the 1/10/18 Meeting*

The meeting was called to order at 7:00 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 December 13, 2017 meeting as published in the Communicator. Motion was made, seconded and approved.

CORRESPONDENCE: The Club received an E-mail message from Bill Mitchell, WD8KQT who was in Venice to escape the cold in Michigan. He needed coax connectors. I invited him to our January auction as he could get everything he needed there.

TREASURER'S REPORT: Treasurer Frank Wroblewski, W2XYZ, reported a beginning balance of \$6,089.02, income of \$227.00, expenses of \$1,666.49, and an ending balance as of December 31, 2017 of \$4,699.53.

SUNSHINE: Glenn Hyde, N4MXQ, passed away on Friday, December 8th. Burial scheduled at the National Cemetery in Sarasota, FL on January 11 at 2 PM. [Many members of the club attended Glenn's military burial ceremony. The military staff provided a dignified and moving farewell to a great guy and a brother Ham.]

Paul Nienaber, KN4BAR, suffered an accident at home. He underwent corrective surgery and is at home recuperating.

VE TESTING: Two candidates presented for examination. Steve Phillips, WA1ZKN, passed the Amateur Extra exam; his wife Patti passed the Technician exam..

LIAISON TO QCWA: There were 21 members, spouses and guests present for the December, 2017 meeting of Suncoast Chapter 53 at Denny's restaurant in Sarasota, FL. The program discussed touring and the joys of working through your personal bucket list. It was presented by Don Watson.

REPEATER / TECHNICAL: Frank Wroblewski, W2XYZ, reported that the digital repeater 444.10 MHz was working satisfactorily. However, members reported that station 146.805 MHz (-) PL 100 repeater was exhibiting intermittent performance. Frank will investigate. The digital contact frequency for the TARC digital net is Talk Group TAC 311. The digital net opens on Tuesday, at 7:30 PM. The analog 2 Meter net opens on Thursday, also at 7:30 PM. Please come join us and feel free to invite other Hams to jump in. Participation will provide a reliable indication of the power and reception capability of your radio.

MEMBERSHIP: The club has 58 regular, 14 first year, 4 life and 1 comp members, for a total of 77. Twenty six of the 58 members had not yet paid dues prior to the meeting. Please get your dues to Treasurer, Frank, W2XYZ in a timely fashion to avoid being dropped from the roster.

OLD BUSINESS: All of the elements of the new tent have arrived and are stored in Jim Shortill's garage. The club discussed getting a crew together to practice putting the tent up. Jim Shortill volunteered his lawn as a practice field. Tom Porada, W4IEE, and Jim Shortill, KJ4NDO, will gather a team of volunteers for this practice session.

NEW BUSINESS: Al Culbert, K0AL, discussed current controversial issues concerning the management and operations of the American Radio League (ARRL). The Club decided to send a letter to the President and CEO of the ARRL expressing our concerns. **Continued >>>**

Minutes 1/10/18 Meeting, con't.

The letter was drafted, signed by the club officers and sent off. It will be available for review at the February meeting.

Late January Field Day Nine members signed up to participate in the Winter Field Day exercise scheduled for January 27th and 28th. All club members are welcome to participate in this brisk exercise of our craft.

Club Polo Shirts Tom Porada discussed the cost and color details for Club polo shirts. This opportunity will be further discussed at the February meeting.

There was no Program or 50 -50 drawing due to the highly anticipated Club auction.

Club Auction. This rollicking, free form, wildly interactive, adventurous event followed the conclusion of the bureaucratic section of the meeting.

The Auctioneer was Jim Shortill, KJ4NDO. Brother Shortill cajoled, encouraged reluctant wallets to open, reminded Club members that membership in the US Amateur Radio Service required the purchase of experienced radio gear that just might be useful when and if the nation's lights went out. Fierce counter bidding was urged on by partisan members. Repartee and counter, intelligently and articulately delivered by crafty, price evaluating, aggressive members filled the hall as bidding progressed. Eye rolling was developed into a fine art as Auctioneer Shortill described the usefulness of tube testers and mechanical switching units, in perfectly fine condition, mind you.

At the end of the evening a good time was had by all and the Club's treasury was increased \$387.00.

Time of adjournment was 10:00 PM. There were 27 members and guests present.

On a final note: We had a lot of fun at our auction. However, it could not have occurred without the help of Al Culbert, Frank Wroblewski, Tom Porada, Andy Durette and the donations from our rollicking, public spirited band of club members who participated with such vigor in this auction.



<< C'mon Andy—enuf of the bureaucracy. Let's get to the auction.

Auctioneer Jim draining our pockets with a little help from Al, KoAL >>



< Buyers enraptured with the magnificent quality of the "junque" offered to the highest bidder. >





DX Jack's page....

..... *By Jack Sproat, W4JS*

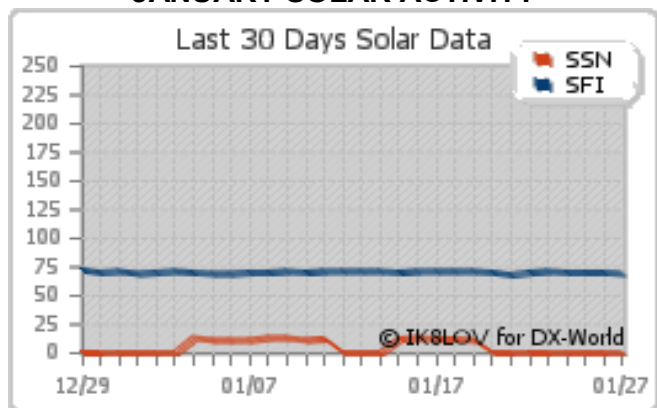
MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

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
Kosovo – Z60A by 13-op team, NEW DXCC	Now to 04 Feb	46	22-07	21-09	19-11	15-16	1500	NO	NO	NO
Mozambique – C8X & C81G, all bands/mode	Now to 05 Feb	101	23-05	21-04	21-05	19-21	18-20	18-19	NO	NO
Comoros – D68I by 3-op team, all modes	Now to 10 Feb	84	23-03	22-04	22-04	20-22	19-21	18-19	NO	NO
Azores – CU8FN by HB9CRV, CW/FT8	Now to 16 Feb	84	22-10	12-10	13-21	15-19	15-19	1630	NO	NO
Guatemala – TG9/VE7BV, holiday style	Now to 19 Feb	213	--	00-24	--	14-23	16-21	16-22	18-21	--
Korea - DT23WOP – Winter Olympics SES	Now to 28 Feb	335	10-12	09-12	NO	NO	NO	NO	NO	NO
Fiji – 3D2JS by WB2TJO	Now to 15 Mar	258	06-13	05-15	04-14	14-15	20-22	20-22	NO	NO
Svalbard/Bear Is – JW2US by LA2US, **/dig	Now to 15 June	13	23-12	22-13	20-02	14-19	NO	NO	NO	NO
Palau – T88XS by JL3WXS	01 - 05 February	306	08-13	07-14	07-14	14-17	1530	NO	NO	NO
Papua New Guinea –P29VXG by JA1XGI, **	01 – 07 February	283	08-13	07-14	07-15	--	--	--	--	--
Senegal – 6W/ON4AVT, PSK, ++, holi style	01 – 28 February	87	--	--	--	14-22	--	--	--	--
BOUVET IS – 3Y0Z by 19-op team	01 – 21 February	142	00-06	23-08	23-07	21-00	NO	NO	NO	NO
Ogasawara – JD1BNA, focus on 160-10m	02 – 05 February	317	08-13	07-14	06-15	22-23	NO	NO	NO	NO
Isle of Man – MTOIXD by 3-op team	09 – 12 February	41	22-10	20-13	08-00	14-18	15-16	NO	NO	NO
Gambia – C5DX by 5-op team	09 – 16 February	88	22-09	20-10	18-06	14-22	16-20	16-20	NO	NO
Morocco – CN2DF/CN3FR by 4-op team	13 – 20 February	64	22-09	20-09	17-12	14-20	16-19	16-19	NO	NO
Palau – T8??? by AA4NC & AA4VK	13 – 21 February	306	09-13	08-14	07-14	15-17	16-17	NO	NO	NO
New Caledonia – FK/JG1XMV, ++	17 – 27 February	258	07-13	06-14	07-13	1500	NO	NO	NO	NO
Benin – TY1TT by ON6DX, CW/SSB/RTTY	20 – 28 February	85	22-07	21-08	20-09	14-22	16-20	16-20	NO	NO
Mariana Is – KH0/AA4NC & KH0/AA4VK	21 – 28 February	306	08-13	07-14	06-14	14-17	21-22	NO	NO	NO
Rotuma – 3D2EU by 5-op team, all modes	23 Feb to 16 Mar	263	06-13	04-15	04-15	00-02	19-00	20-22	NO	NO
Solomon Is – H44YM by VA7YM	24 – 27 February	275	07-13	06-14	06-14	1330	NO	NO	NO	NO
Nicaragua – H7DX by 2-op team CW/SB/FT8	26 Feb to 06 Mar	194	20-16	00-24	12-01	14-00	15-23	15-23	17-22	NO
Vietnam – XV9HL by 2-op team, all modes	26 Feb to 06 Mar	348	No	Open-ings	Fore-cast	Fore-cast				
Temotu – H40YM by VA7YM	27 Feb to 13 Mar	270	07-13	06-14	04-15	13-15	20-23	20-22	NO	NO

Updated 29 January based <https://dx-world.net/> and <http://www.nq3k.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.

-- JANUARY SOLAR ACTIVITY --



(From DX-world.net)

-- FEBRUARY FORECAST --

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

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal to moderate levels throughout the outlook period.

Geomagnetic field activity is expected to be at quiet to unsettled levels on 04-05 Feb, 09-11 Feb, 15-18 Feb and 20-22 Feb, with isolated active periods likely on 10 Feb. This activity is due to influence from recurrent CH HSSs. Mostly

quiet conditions are expected for the remainder of the month.

The 10.7 cm Solar Flux should range from 69 to 70, and average 69.6 during February.

(From NOAA Weekly Highlights and Forecasts, 29 January 2018, NOAA 27-day Space Weather Outlook Table, 29 Jan 2018, and 45 Day AP Forecast, USAF, 29 Jan 2018.)

-- KOSOVO IS LATEST DXCC COUNTRY --



After years of delay, the ARRL finally recognized the Republic of Kosovo as a legitimate DXCC country. Z60A has been on the air constantly from two locations, and all QSOs after 0000 UTC on 21 January count for DXCC credit. This brings the DXCC total back to 340 entities.

(Photo from DX-world.net)

Digital Wizardry by Frank, W2XYZ

There are those amongst us that hate computers. They want nothing to do with communicating by ones and zeros and wish Ham radio stayed the way it was. Little do they realize that Ham radio was ones and zeros right from the start. Actually the whole idea was taken from Baron Pavel Lvovitch Schilling (also known as Paul Schilling). Baron Schilling invented and demonstrated a working telegraph using needles and electromagnets in St. Petersburg, Russia in 1832. Schilling is credited as the first to put into practice the idea of a binary system for signal transmissions. To this very day, Mama Schilling is still angry that Pavel took her two best sewing needles for his stupid machines.

Signal transmissions were always important to mankind. History tells how armies communicated with signal fires on hilltops or the use of reflected sunlight. Let's not forget the Black and White Western movies where the Indians sent smoke signals to neighboring tribes informing them it's time to open the casino as white-man with much wampum coming down the road...or whatever. Always looking for better ways to send more information, faster, and over longer distances spurred many into coming up with new methods.

The word "telegraph" was first coined by the French inventor of the Semaphore line, Claude Chappe, who also coined the word "semaphore". A "telegraph" is a device for transmitting and receiving messages over long distances, i.e., for telegraphy. The word "telegraph" alone now generally refers to an electrical telegraph.

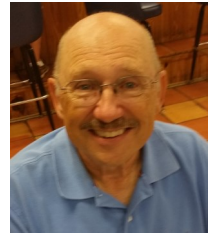
The first telegraphs came in the form of optical telegraph, including the use of smoke signals, beacons, or reflected light, which have existed since ancient times. Early proposals for an optical telegraph system were made to the Royal Society by Robert Hooke in 1684 and were first implemented on an experimental level by Sir Richard Lovell Edgeworth in 1767.

Carl Friedrich Gauss and Wilhelm Weber built the first electromagnetic telegraph used

for *regular* communication in 1833 in Göttingen, Germany connecting Göttingen Observatory and the Institute of Physics, covering a distance of about 1 km. The setup consisted of a coil that could be moved up and down over the end of two magnetic steel bars. The resulting induction current was transmitted through two wires to the receiver, consisting of a galvanometer. The direction of the current could be reversed by commuting the two wires in a special switch. Therefore, Gauss and Weber chose to encode the alphabet in a binary code, using positive and negative currents as the two states.

Improvements in the field of telegraphy advanced rapidly. By the middle of the 1800's telegraph cables were strung everywhere. In 1858 a transatlantic telegraph cable was successfully laid between North America and Europe. The first official message sent along the cable on the 16th of August read, 'Europe and America are united by telegraphic communication. Glory to God in the highest, on earth peace, goodwill to men. Unofficially, I heard the second message sent was an advertisement for saving 15% on horse and buggy insurance.

The jury is still out on who invented radio. Regardless of who invented it, men with a vision soon combined radio and telegraphy. Signal codes of on and off, likes ones and zeros, were standardized in the U.S. with American Morse Code (Railroad Code) and with International Morse Code in the rest of the world. Tinkerers with wireless often were sloppy in sending code. Professional telegraphers, such as Railroad Telegraphers were amused with



Con't >>>>

W2XYZ - continued

these amateur wireless telegraphers. They joked that their sending sounded like they were using ham hocks to press the telegraph key. The name Hams stuck to these early operators, although it was generally used in a pejorative way.

As these Hams pioneered important discoveries in the field of communications and the value of wireless communication was realized both commercially and militarily, Hams became respected. Instead of the name Ham being a slur, it became something of pride.

All of our fancy communication of computers talking to computers is nothing more than on and off switching, like Morse code. Not much has changed except we have now found ways to send faster and more reliably messages about white-man with wampum going to the casino and we are still looking to buy insurance 15% cheaper.

Fortunately for many, and unfortunately for some, Ham radio has gone through many developments during its relatively short history. We went from spark gap transmitters with coherer receivers to

sleek solid state rigs with colorful displays. We can even have 'your computer' talk to 'my computer', make all the necessary log entries and send off an electronic QSL card with just one mouse click (FT8 with auto-logging enable).

How did we get this far in just a century? The answer is; it started with ones and zeros. It may not have been called that when it was being used, but that is exactly what it was and is still today. Our beginnings came from the telegraph. We (Hams) made the telegraph *wireless*. The spark gap transmitter and coherer receiver was merely a way to send telegraph messages without the confines of point to point wires.

The real genius part of the telegraph was the code it used. The code was nothing more than presence of a signal and absence of a signal in a particular pattern to signify a particular character. Saying the same thing with different words comes to saying we send ones and zeros to signify a particular character. Today we refer to it as sending Morse code, or operating CW, or whatever but it still is sending ones and zeros to transfer information.

Until next time..... 73, Frank, W2XYZ

Jesse Snyder, KW4IT honored at QCWA meeting



Don Watson, K9DDO, president of the Sarasota chapter of QCWA, presented a 55 years of service certificate to Jesse Snyder, KW4IT. Jesse was first licensed as KN9TPR in 1958, and has been a long-time member of QCWA.

Dues are DUE!

Article III, Section 8 of our bylaws reads:

Membership privileges of any member may be terminated ... where there has been:

A. Failure to pay annual dues within two (2) months of 01 January of the current year...

Don't miss out on the exciting TARC activities planned for 2018. If your dues are overdue, please contact treasurer Frank, W2XYZ.

TARC tent test

It was a bright and brisk and breezy morning when the TARC tent test team took to the turf of KJ4NDO's side yard for a test flight of Tom's terrific TARC tabernacle where their shenanigans were recorded for posterity by the cell-phone camera of K3SY. Hereafter is the photo saga of the maiden voyage of our new field operation domicile. [Please Google "Bulwer-Lytton Fiction Contest" for an explanation of the above.]



First things first - coffee and cookies!



Up with the framework.



The roof looks waterproof!



Tops on!



Back wall looks good.



Sidewalls for - snow ? - naah. [More >](#)

Tent ...



Thanks to Tom, W4IEE for all his hard work making this possible



The back wall looks very impressive ^



The finished product ^



The wrecking crew

James W. Greenleaf, K1ACT to speak at the February TARC meeting

James W. Greenleaf

Mr. Greenleaf retired from the Federal Bureau of Investigation on July 1, 1994, following more than twenty-six years of distinguished field and executive level service. He began his FBI career in August, 1967 as a Special Agent.

After completing training at the FBI Academy in Quantico, Virginia, he was assigned to the Minneapolis Field Office, where he specialized in Interstate Transportation of Stolen Goods. In 1969, he was transferred to Norfolk, Virginia, where he worked on general criminal matters and ultimately was placed in charge of the Applicant Recruitment Program.

In 1972, Mr. Greenleaf transferred to Washington, D.C., and was assigned to the FBI Laboratory as a supervisor. While at the FBI Laboratory, he handled counterintelligence matters dealing with electronic surveillance issues and became the FBI's representative to the National Security Agency.

In 1978, the Bureau promoted Mr. Greenleaf and designated him Assistant Special Agent in Charge of the Chicago Field Office. Then, in 1980, he returned to Washington, D.C., as the Deputy Assistant Director of the FBI Laboratory and, shortly thereafter, he was promoted to Assistant Director of the Laboratory. In 1981, the Bureau put Mr. Greenleaf in charge of the Inspection Division, where he was responsible for all Field Office Inspections, the Office of Professional Responsibility, and the Office of Planning and Evaluation.

From 1982 through 1986, Mr. Greenleaf served as Special Agent in Charge of the Boston Field Office. Following this four-year assignment in Boston, Mr. Greenleaf was selected to become the FBI's Assistant Director in Charge of Training at the FBI Academy where he served as the Director of the Academy and was responsible for training throughout the FBI.

In 1989, the Director of the Central Intelligence Agency asked Mr. Greenleaf to accept an executive level appointment at the CIA's Langley, Virginia, headquarters. Mr. Greenleaf left the FBI to serve with the Central Intelligence Agency as its Director of Public Affairs.

He returned to the FBI in 1990, and was assigned duty as Associate Deputy Director for Administration, a top-level position that put him in charge of the FBI budget and all personnel matters. In 1992 he was assigned as the Legal Attache in London, England, where he supervised all FBI matters throughout the United Kingdom, Scandinavia, and Iceland. He served there until his retirement in 1994.

Since retiring from the FBI, Mr. Greenleaf has worked as a consultant to NBC Television and to the Laborers' International Union of North America, assisting the Union (under the guidance of the U.S. Department of Justice) in its efforts to rid itself of organized crime influences. During the past five years, Mr. Greenleaf has been a member of a Congressionally mandated committee, headed by Governor James Gilmore, that is assessing state and local capabilities to respond to a weapon of mass destruction.

For a number of years, Mr. Greenleaf also has worked tirelessly and closely with the staff of i-SAFE America to identify and promote its Internet safety education and community outreach goals and objectives for children and teens throughout the United States.



Reminder - Don't miss Mr. Greenleaf's talk! Our February meeting has been moved to the THIRD Wednesday of the month, February 21st.! Remember to take the YL to dinner on Valentines Day - our usual meeting date.

Upcoming Hamfests



ORLANDO
HamCation® 2018 February 9th, 10th & 11th

Come and Experience the Largest Amateur Radio and Electronics Show in the Southeast!

CENTRAL FLORIDA FAIRGROUNDS AND EXPO PARK
4300 West Colonial Drive, Orlando, Florida 32808

IC-7100 Saturday GRAND PRIZE **IC-7610 Sunday GRAND PRIZE** **ID-4100 Early Bird PRE-REG PRIZE**

- Special Guest Speakers
- Many Lectures and Forums
- Over 150 Commercial Booths
- Over 200 Swap Tables
- Massive Tailgate Area
- Hourly Door Prizes
- RV Camping on Premises
- Free Area Parking
- Family Friendly Atmosphere
- Theme Parks Nearby

February 9th: 9AM-5PM | February 10th: 9AM - 5PM | February 11th: 9AM - 2PM
Advanced Ticket Purchases are \$15 and end on 12/31/2017. Regular Ticket Purchases are \$17.
Courtesy Talk-in on 146.760 (103.5pl) 146.820 (D-star K1XC C and REF037C) 443.050 (103.5pl)
Home Of The 2018 ARRL Florida State Convention



Highlands County Hamfest


Date: Saturday Feb 17 2018

Time: 8 am

Location:

First Baptist Church of Lake Josephine
111 Lake Josephine Drive
Sebring, Florida 33875

February 2018

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

**The W4AC 146.805 Repeater is now ANALOG, PL100. [If repeater is inoperative, 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
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<http://www.tamiamiarc.org> Webmaster: Dave Gill, K4JDG*