



THE COMMUNICATOR

Newsletter of the TAMAMI AMATEUR RADIO CLUB

Incorporated 30 November 1984 – Venice, Florida
Mailing Address: 1419 E. Manasota Beach Rd., Englewood, FL 34223-6341
W4AC Repeater – 444.100 MHz & 146.805 MHz(-) w/100 Hz PL
Web Site – <http://tamiamiarc.org>



-- FEBRUARY 2013 --

-- PRESIDENT'S MESSAGE --

What is "HAM" radio to our membership? Well it appears to be many things to all, but not the same to all. At the January meeting I handed out an INQUIRY form to all members attending that meeting and our Secretary Jack Sproat-W4JS sent it out to all members via e-mail. The total response to date is just under 50%. I realize many members were in a travel state and unable to respond, so I am looking forward to those that have yet to forward their thoughts to me.

We truly are a varied group and, as there are still some submissions not yet available, I will hold off on listing the entire picture. However what has been received shows many are DXers but I did not ask about the mode of communication utilized by them. Not all worked HF exclusively and those that predominantly worked VHF and UHF weren't using the HF bands.

There were those who would be interested in home brew and experimentation activities. Surprisingly there were many that expressed a desire to participate in local event activities and promoting public awareness of our abilities in emergency communications.

That last sentence will be put to the test in the coming months as you will learn next month or sooner if you attend the Tuesday and/or Friday breakfasts.

73 to All, Fred-KJ4TNI

-- FEBRUARY MEETING --

Our meeting will start at **7:00 PM** on Wednesday, **13 February 2013** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive. Victor Ouellette-K1CGI will offer a very professionally prepared program highlighting his bus tour of US Route 66, "The Mother Road", from Chicago to Los Angeles last year.

*No day is over if it makes a memory.
Every important call is a close one.
Life is too short to waste time hating anyone.
(Chinese Fortune Cookies)*

-- FINAL "HEADS UP" --

Please be aware that the grace period for payment of your 2013 TARC dues expires 28 February, after which date you will be dropped from the TARC roster.

If you have not yet renewed for 2013, Treasurer Don Jansen-KI4VGE will be happy to collect your \$25. See Don at our February meeting, or mail your (updated for any revisions) application form and check to the address on the form. Thanks in advance for your continued support of the TARC.

-- WE LEARN SOME ABOUT MALAWI --



Guest speaker Jim Wise-W4PRO drew everyone's attention at our January meeting when he described the country, the people and his preparations and operating experiences when he was on the air as 7Q7PRO from Njobvu, Malawi during April and May 2012.

-- PLEASE GIVE IT SOME THOUGHT --

As you all should know, both from Fred's "President's Message" and the e-mail distribution, Fred truly wants to know more about the individual ham radio interests of our members. These interests are quite varied, so there is potential for programs and activities that would appeal to those interests. So, if you haven't done so to date, please send along your thoughts to Fred. Contact the Secretary via w4js@juno.com if you lost that e-mail.

TAMIAMI AMATEUR RADIO CLUB

Minutes of the Meeting

09 January 2013

President Fred Lathwood-KJ4TNI called the meeting to order at 7:07 PM and, following a flag salute, introductions were made all around. Jim Wise-W4PRO and Linda Wise-W7PRO from Virginia Beach, VA, Steve Lawrence-K9ARH of Venice, Pat Marx-KA8MMG of Venice, Allan Culbert-K0AL from Cedar Rapids, IA, and Garry Smith, Carol Witt and Diane Gaddas from Venice were welcomed as visitors.

MINUTES – Fred requested a motion to accept the minutes of the 12 December meeting as published in the January issue of *The Communicator*. Ron Hogarth-K4AUX so moved, seconded by Bruce Brown-WA8IQF, and passed.

CORRESPONDENCE – The Secretary reported sending a letter of appreciation on 12 December to the Venice Public Library, transmitting \$54 which was retained from license exam fees during 2012, and receiving a “Thank You” letter dated 17 December.

TREASURER’S REPORT – Treasurer Don Jansen-KI4VGE read the Treasurer’s Report for December. The starting balance was \$2682.42. Receipts were \$150.00 from membership dues, \$16.00 from the December meeting 50/50, \$54 for transmittal the the Venice Library, a \$15.00 donation on 12 December from Stew Haag-W4MO and a \$25 donation from Guenther Henig-AJ4QX on 18 December, totaling \$260.00. Expenses were \$11.10 to Birch Communications for Internet service and \$54.00 to the Venice Library, totaling \$65.10. The ending balance is \$2877.32. John Donnelly-KY4JD moved for acceptance of the report, seconded by Roger Schmitt-KY4RS, and passed.

COMMITTEE REPORTS

SUNSHINE – Stew Haag-W4MO reported that Martin Zippe-AF4ID/DJ6OM had passed away on 22 December at home in Munich, Germany.

VE TESTING – There has been an inquiry from one candidate for examination at our 12 January VE session.

REPEATER/TECHNICAL – Both repeaters are operational.

PUBLICITY/MEMBERSHIP – San Yoder-K3SY advised that we gained two new members tonight, such that we have 62 dues paying members and eight Life Members, for a total of 70 Club members. However, to date only 27 members have paid their dues for 2013.

NET OPERATIONS – Effective 13 January, the DX Net will be held at 8 PM on Sunday

nights. All nets have been averaging about six check ins.

LIAISON TO QCWA – There were 29 members, spouses and friends present at the 02 January luncheon at Denny’s on Bee Ridge Road, Sarasota. The program was an excellent PP presentation of the “Mother Road,” US Route 66 from Chicago to Los Angeles by Victor Ouellette-K1CGI. All are welcome to join us the first Wednesday of the month around 11:15 AM.

OLD BUSINESS – Nothing carried over.

NEW BUSINESS – Fred-KJ4TNI handed out a “TARC Club Inquiry” which he had developed and requested that the members fill in the questions regarding their ham radio interests and suggestions for improving the Club. Fred’s goal is to gain a perspective of what the club means to the members and their extent of involvement in potential future club activities. This form will be sent via e-mail to all members for their feedback.

COMMENTS FROM THE FLOOR – Jack-W4JS reminded the members of the Orlando Hamcation, which is the largest hamfest in Florida, is scheduled for 08 – 10 February.

Don Watson-K9DDO contributed a copy of “Surviving Technology” which went to Dave Gill-K4JDG.

Phil Jung-K9PJ commented that the estate sale he had mentioned at a previous club meeting went rather well, with most articles being disposed of at the Tampa Bay Hamfest.

ADJOURNMENT – A motion to adjourn at 7:25 PM was made by Hans Napfel-WB2ZZB, seconded by Bob Avrutik-N1RA, and passed. There were 21 members and eight visitors present.

PROGRAM – Guest speaker Jim Wise-W4PRO gave us an in depth review of his preparation, experiences and operation as 7Q7PRO from Njobvu, Malawi during April and May 2012.

Jack Sproat-W4JS
Secretary

-- DXCC & QSL ACTIVITY IS UP --

In 2011, the DXCC Desk processed 11,173 applications for initial awards and endorsements; these comprised 1,305,376 QSOs. In 2012, the DXCC Desk processed 14,301 applications, comprising 1,491,661 QSOs. This represents a 14 percent increase in the number of QSOs and a 28 percent increase in the number of applications. The ARRL Outgoing QSL Bureau processed 808,500 cards from members.

(From ARRL webpage)

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
Afghanistan – T6MH; ++ and digital	Now Active	26	23-02	23-03	22-04	13-23	13-15	14-15	14-15	NO
Franz Josef Land – RIIFJ	Now Active	6	00-12	23-13	21-15	16-21	16-21	16-21	NO	NO
Minami Torishima – JD1/JG8NQJ; **	Now to 15 April	308	--	--	--	--	20-00	21-23	21-23	21-23
Sudan – ST2SF – All modes	Now to 15 April	66	--	22-06	21-07	16-01	12-23	13-22	14-21	15-19
Senegal – 6W2SC; **	Now to 10 Mar	87	--	21-10	19-09	12-01	13-23	13-22	15-20	15-20
Guinea Bissau – J5UAP; **	Now to 10 Mar	90	--	21-10	19-09	13-01	13-23	13-22	15-20	16-19
Afghanistan – T6LG	Now to 28 Feb	26	23-02	23-03	22-04	13-23	13-15	14-15	14-15	NO
South Shetland Is – RIIANF	Now to 28 Feb	169	01-09	00-10	23-10	21-02	13-01	15-22	15-22	15-22
Mali – TZ6BB; ** (may be longer term)	Now to 28 Feb	82	22-08	21-09	19-08	12-00	12-23	13-22	14-21	16-19
Tokelau – ZK3T; ** by DJ3EH	Now to 20 Feb	262	05-13	04-15	03-15	14-01	17-01	17-01	18-00	19-22
Angola – D3AA	Now to 15 Feb	96	23-06	21-06	20-07	17-01	12-23	13-23	13-21	14-20
Reunion Is – FR/F8APV & F8EOI	Now to 08 Feb	91	--	22-03	22-04	19-00	17-23	17-22	16-19	15-17
Senegal – 6W/F6IRS; ++	Now to 07 Feb	87	22-08	21-10	19-12	12-00	13-23	13-22	14-21	16-19
Ascension Is – ZD8N; All modes	Now to 05 Feb	108	23-08	21-09	20-09	12-00	12-23	13-23	13-22	14-21
New Caledonia – FK/JK1KSB; CW/Digital	Now to 03 Feb	258	07-13	06-14	06-14	13-16	14-01	19-01	21-00	21-23
Maldives – 8Q7AK	01 to 28 Feb	41	23-01	22-02	21-03	17-23	13-22	14-21	15-20	16-18
Fiji – 3D2NB, 3D2OU; **, some SSB, RTTY	02 to 07 Feb	258	06-13	05-14	04-15	13-17	17-01	18-01	18-00	19-23
Seychelles – S79???; CW and SSB	03 Feb – 11 Mar	68	23-03	22-03	22-04	19-00	16-22	14-21	14-18	15-17
Togo – 5V7JD; holiday style operation	04 Feb – 15 Mar	87	23-07	21-08	20-08	12-00	13-23	14-21	15-20	16-19
Ecuador – HC2/RC5A; YL operator	05 Feb – 09 Mar	171	23-12	00-24	12-01	13-00	14-23	16-21	17-20	17-20
Uganda – 5X8C; 20 ops, 6 stations	08 to 25 Feb	77	23-04	22-05	21-06	19-00	13-23	13-22	14-20	15-19
Rotuma – 3D2RX, 3D2RO; ** some SSB/RT	08 to 21 Feb	263	06-13	05-14	04-15	13-18	18-01	18-00	19-22	20-22
Guam – KH2/5B4AGN	09 to 13 Feb	306	08-13	07-14	06-15	13-17	14-00	21-00	21-23	21-22
Guinea Bissau – J52HF; Italian team op	10 Feb – 02 Mar	90	22-08	21-10	19-09	13-01	13-23	13-22	15-20	16-19
Senegal – 6V7S	11 Feb – 03 Apr	87	23-08	21-10	19-09	12-01	13-23	13-22	15-20	15-20
Micronesia – V63ZM	13 to 23 Feb	293	07-13	06-14	06-14	13-16	20-00	20-00	20-23	21-22
Tonga – A31WH	13 Feb – 04 Mar	253	05-13	04-14	04-14	00-02	17-01	18-01	18-00	19-23
Burundi – 9U4U; International team	14 to 23 Feb	83	23-04	22-05	21-06	19-00	15-23	13-21	15-20	15-19
Vietnam – XV2DLH; German team op	15 to 26 Feb	348	1130	11-12	10-13	13-16	14-18	15-18	15-19	1600
Solomon Is – H44KW; ** two G operators	18 to 28 Feb	275	07-13	06-14	06-14	13-15	20-01	20-00	20-23	21-22
Burkina Faso – XT2CJA, IVU, AEF, VWT	21 Feb – 02 Mar	83	23-07	22-08	20-09	12-01	12-23	13-22	14-21	15-20
Cape Verde – D44TIB; holiday style	25 Feb – 08 Mar	89	22-09	20-10	12-06	12-01	13-23	15-21	17-19	17-19
Clipperton Is – TX5K; International team op	28 Feb – 10 Mar	242	00-13	00-24	13-09	14-01	15-23	18-21	18-22	18-22

Updated 28 January based on the 27 January *Ohio/Penn DX Bulletin No. 1097*, and the NG3K Amateur Radio Contest/DX Page, <http://www.ng3k.com>

Notes: Time in bold =h Bands with 75-100% opening; ??? = Call Sign not yet known; ++ = Mostly Phone; ** = Mostly CW; NO = No Opening forecast. Long Path bearings and opening times are underlined. All forecasts calculated using W6ELProp V.2.60 propagation software, available to download at <http://www.qsl.net/w6elprop/>. Solar Flux and K-index varied by date in accordance with USAF 45-Day A/P Forecast.

-- JANUARY SOLAR ACTIVITY --

The Solar Flux ranged from 95 to 174, with a mean value of 127.2 (vs. 133.2 for January 2012 and 83.7 for January 2011), and the A-index was ≥ 7 on eight days. The sunspot number through 30 January ranged from 44 to 196, with a mean of 100.7 but a median of 82. Sunspot Regions 1642 to 1666 were active, with 5 M-class and 116 C-class flares.

-- FEBRUARY FORECAST --

Solar activity is expected to be at low levels during February with a chance of C-class flares during the month.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be normal to high levels 11-12 February in response to coronal hole high speed streams (CH HSS). Normal

to moderate levels are expected for the remainder of the month.

The geomagnetic field should be at mostly quiet levels with the exception of 09-10 and 22-23 February when recurrent CH HSS are expected to bring quiet to active levels.

The Solar Flux should average 114.5 during February.

(From NOAA *Weekly Highlights and Forecasts*, 28 January 2013, NOAA *27-day Space Weather Outlook Table*, 28 January 2013, and *45 Day AP Forecast*, USAF, 28 January 2013)

-- DXERS, WHERE ARE YOU? --

According to Fred Lathwood's comments in the President's Message, a fair number of TARC members are interested in DX. If so, how about checking into our Sunday night DX Net at 8:00 PM? Current DX info is offered, and maybe you'll learn some of the tricks of the trade.

MAJOR CONTESTS DURING FEBRUARY

Contest/Special Event	Begin-End Times/Dates	Bands/Modes	QSO With	Exchange
Triathlon DX Contest	0000Z 02 Feb 2359Z 02 Feb	80 – 10 Meters SSB, CW, RTTY	Anyone, Anywhere	RS(T), Serial
EPC WW PSK Contest	0000Z 02 Feb 2400Z 03 Feb	80 – 10 Meters PSK63 Only	Anyone, Anywhere	RST, Serial
Ten-Ten Winter Phone QSO Party	0001Z 02 Feb 2359Z 03 Feb	10 Meters Only SSB Only	Members of 10-10 International	Call Sign, Name, "0", S/P/C
Black Sea Cup International	1200Z 02 Feb 1159Z 03 Feb	160 – 10 Meters SSB and CW	Anyone, Anywhere	RS(T), ITU Zone (8, locally)
Mexico International RTTY Contest	1800Z 02 Feb 1759Z 03 Feb	80 – 10 Meters RTTY Only	Anyone, Anywhere	RST, Serial
YL-OM Contest	1400Z 08 Feb 0200Z 10 Feb	160 – 10 Meters SSB, CW, Digital	YL's call "CQ OM" OM's call "CQ YL"	Call Sign, RS(T), Serial, ARRL Sec
CQ World Wide RTTY WPX Contest	0000Z 08 Feb 2400Z 10 Feb	80 – 10 Meters RTTY Only	Anyone, Anywhere	RST, Serial
Asia-Pacific Sprint	1100Z 09 Feb 1300Z 09 Feb	40 and 20 Meters CW Only	Stations in the Asian and Pacific regions	RST, Serial
Dutch PACC Contest	1200Z 09 Feb 1200Z 10 Feb	160 – 10 Meters SSB and CW	Stations in Netherlands and Possessions	RS(T), Serial
FISTS CW Winter Sprint	1700Z 09 Feb 2100Z 09 Feb	80 – 10 Meters CW Only	Members of FISTS	RST, S/P/C, Name, Power
ARRL School Club Roundup	1300Z 11 Feb 2359Z 15 Feb	160 – 2 Meters SSB, CW, Digital	School Radio Clubs, see ARRL website	RS(T), Class, S/P/C
Russian World Wide PSK Contest	2100Z 15 Feb 2100Z 16 Feb	160 – 10 Meters PSK31, 63 and 125	Anyone, Anywhere	RST, Serial
ARRL International CW DX Contest	0000Z 16 Feb 2400Z 17 Feb	160 – 10 Meters CW Only	DXCC Entities	RST, State
CQ World Wide 160 Meter SSB Contest	2200Z 22 Feb 2200Z 24 Feb	160 Meters SSB Only	Anyone, Anywhere	RS, S/P
REF Contest (French)	0600Z 23 Feb 1800Z 24 Feb	80 – 10 Meters SSB Only	Stations in France and French Possessions	RS, Serial
UBA Contest (Belgian)	1300Z 23 Feb 1300Z 24 Feb	80 – 10 Meters CW Only	Anyone, Anywhere	RS, Serial

Legend: Serial = Sequential number of contact starting with 001; S/P/C = State, Province, DXCC Entity

From ARRL "Contest Corral" and WA7BNM Contest Calendar at <http://www.hornucopia.com/contestcal/>

NOTE: State QSO Parties and "membership clubs" contests are not shown. See above references for information.

-- A FLAG QUIZ --



Even if you're not into contests on the air, here's a little contest for you. Do you know what the 15 horizontal red and white stripes in the ARRL flag represent or signify?

---000---

--FCC SETS QRM FREQUENCY --

(The following is courtesy of Gary Darnell-WBORUR of the Noise Blankers over in NW Arkansas. Their motto is that ham radio is immensely funny, as proven by their Ham Radio Hijinks satirical articles.)

WASHINGTON, District of Columbia; January 18, 2013 – In an unprecedented move, the federal agency that oversees the country's communications policies has established a national ham radio QRM (a.k.a. interference) frequency. The Federal Communications Commission has earmarked 14.313 MHz as the newly designated position. See **FCC**, page 5

FCC, from page 4

tion on the 20 meter radio band.

"The Commission has taken a unique approach on this issue," says FCC spokesman Matilda Blackburn. "There is already so much QRM on this frequency; it seems to be a logical decision."

The Commission requests that hams desiring to create unnecessary QRM migrate to this frequency over the next few weeks. "We hope to have this frequency available to the general amateur radio community very soon." says Blackburn.

But one ham radio operator, Johnson Thomasfeld of Springfield, Florida, is doubtful the idea will catch on. "I enjoy tuning up on top of on-going QSOs on 80, 40 and 15 meters, too. It's an integral part of my enjoyment of the hobby. I'm sure my friends feel the same way. If you limit us to ONLY 14.313 MHz...well, that's just not fair."

Amateur radio operator Phillip Buccolo of Red Vine, California, objects for a different reason. "When I get on the air with one of my diatribes about the One-World government, I certainly don't want to be QRM'd by someone else. Where's my right to free speech!? IS THAT BEING TAKEN AWAY, TOO!?"

The Commission says profanity, grandstanding, self-aggrandizement, politics, religion, raspy and/or poor-quality signals will all be allowed – and in fact, encouraged – on 14.313 MHz. Blackburn adds that there no plans for official monitoring nor enforcement of the QRM standards; hams are expected to "self-police" the frequency.

-- HAM CLASSIFIED --

Several TARC members have some equipment available for sale.

Bob Avrutik-N1RA (941-488-0858) has his Yaesu FT 1000D w/ hand mike and all filters for both receivers for \$ 999.00. Excellent condition, w/ some wear areas repainted.

Also available—Pair of new final transistors for FT 1000D (MRF 422), CAT (RS 232) cable from rig to computer serial port, CAT (RS 232) cable from rig to USB port, Cable

from a Signalink to FT 1000D, and JPS Noise and inference reducer.

Don Jansen-KI4VGE (941-493-3176) has an extensive list of items. Make a reasonable offer on any of the following:

Package:

- ICOM IC-737 HF Xcvr
- ICOM IC-PS15 Power Supply
- ICOM SP-21 Speaker
- ICOM SM-8 Desk Microphone
- Astron RS-35A Power Supply
- MFJ-948 Deluxe Versa Tuner II
- Kenwood TM-261 2-meter FM Xcvr w/mike
- J-38 Key
- Becher Side Keyer
- Heathkit IM-21 RMS Meter
- Heathkit IM-11 VTVM Meter
- Micronta 22-210 VTVM
- Radio Shack Bulk-Tape Eraser

Jack Sproat-W4JS (941-475-1929) has an MFJ-1778 G5RV Antenna available. It's 102' long and covers 160-10 Meters. New \$44.95; up one month and repackaged, \$25.

-- 2012 USA AMATEUR LICENSEES --

"2012 was definitely a banner year for the number of Amateur Radio operators here in the US," said ARRL VEC Manager Maria Somma, AB1FM. "It is amazing to see these new numbers and to know that Amateur Radio is experiencing such a healthy trend."

COMPARE AMATEURS PER FCC CALL SIGN REGION		
CALL SIGN REGION	2008	2012
1	33,000	35,000
2	39,000	42,000
3	34,000	36,500
4	130,000	140,000
5	80,000	86,000
6	93,000	100,000
7	88,000	93,500
8	53,000	57,000
9	44,500	47,500
0	56,000	60,000
KL7 - Alaska	3,100	3,500
KP4 - Caribbean	4,200	4,000
KH6 - Pacific	4,200	4,500
Total US Amateurs	662,000	709,500

(From *The ARRL Letter*, 17 January 2013)

However, the unanswered question is, "What percentage of the current licensees are actually on the air—especially on HF—now as compared to those back in 1972?"

February 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
					Breakfast @ Peach's, ± 7:30 AM	
3	4	5	6	7	8	9
TARC DX Net, 8 PM, W4AC Repeater 146.805		Breakfast @ Peach's, ± 7:30 AM 440 Net @ 7:30 PM, 444.100 Rptr	QCWA Lunch, @ Denny's 11:15 AM	TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:30 AM	TARC VE Session @ 10:00 AM, Venice Library
10	11	12	13	14	15	16
TARC DX Net, 8 PM, W4AC Repeater 146.805	DARN Emer- gency Net @ 11 AM Starts on NI4CE re- peater 145.430	Breakfast @ Peach's, ± 7:30 AM 440 Net @ 7:30 PM, 444.100 Rptr	TARC Meet- ing @ 7 PM, Coast Guard Training Center	TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:30 AM	
17	18	19	20	21	22	23
TARC DX Net, 8 PM, W4AC Repeater 146.805		Breakfast @ Peach's, ± 7:30 AM 440 Net @ 7:30 PM, 444.100 Rptr		TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:30 AM	
24	25	26	27	28		
TARC DX Net, 8 PM, W4AC Repeater 146.805		Breakfast @ Peach's, ± 7:30 AM 440 Net @ 7:30 PM, 444.100 Rptr		TARC Net @ 7:30 PM, W4AC Repeater 146.805		

NOTE: If the W4AC 146.805 Repeater is inoperative, nets scheduled for activity will be held on the W4AC 444.100 MHz Repeater. Thanks for your cooperation.

**TAMIAMI AMATEUR RADIO CLUB, INC.
MEMBERSHIP APPLICATION**

Name _____ Call Sign _____ Class ____ ARRL (Y/N)____

Local Address _____ City _____ Zip _____

Summer Address _____ City/State _____ Zip _____

Tel. No. _____ E-Mail _____ Application Date _____

Please check activity interests: Ass't Net Control __, RFI/TVI __, VE Testing __, Training __, Packet __, RTTY __,
Computers __, DXing __, Contests __, Field Day __, Publicity __, Emergency Communications __, Special Events __,
VHF/UHF __, SSTV __, ATV __, Repeater __, EchoLink __, Other (specify) _____

Regular Member @ \$25.00/year __, Family Membership @ \$30.00/year __, Non-Voting Student Membership @ \$5.00/year __. (New Regular Members joining after 30 June pay \$15.00 for remainder of calendar year. \$25.00 dues payment after 31 October grants membership through remainder of year and all of the following year.)

MAIL TO: TARC, 1419 E. MANASOTA BEACH RD, ENGLEWOOD, FL 34223-6341

**TAMIAMI AMATEUR RADIO CLUB, INC.
1419 E. MANASOTA BEACH ROAD
ENGLEWOOD, FL 34223-6341**

The Communicator is a monthly publication
Of the Tamiami Amateur Radio Club, Inc.

Editor: Jack Sproat-W4JS

Circulation: San Yoder-K3SY

2013 TARC Officers

President: Fred Lathwood-KJ4TNI

V. President: Andy Durette-KB1HIP

Secretary: Jack Sproat-W4JS

Treasurer: Don Jansen-KI4VGE

Directors: Bob Avrutik-N1RA

Rich Greenberg-N6LRT

Conrad Owens-WA3RRS

Bob Sullenberger-K1RCS

San Yoder-K3SY