



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 Repeaters – 444.100 MHz(+) & 146.805 MHz(-) both w/100 Hz PL

Web Site – <http://tamiamiarc.org>



-- FEBRUARY 2015 --

-- PRESIDENT'S MESSAGE --

2014 is past and now the work for 2015 begins. The Club's Hierarchy has rearranged itself and now we begin preparing for our springtime adventures. This year it would seem that there appears to be three items of interest.

First out of the gate will be the offer of our Vice President Andy Durette-KB1HIP to run a training class for Amateur Extra license. Quite a few expressed a great deal of interest at the January meeting (information to follow).

Jack Sproat-W4JS has applied for and received use of Special Event call sign K4S for the Sharks Tooth Festival. This being our primary PR event, we will need everyone's help. I hope that April 10-11-12 will be on every member's Calendar. For our new members, this is a chance to enjoy working together and promoting Ham Radio and the TARC to Venice. There will be more Information at the February meeting and via e-mail, so stay tuned.

The third one on our calendar will be the Sharks Tooth 10-K Run the morning of April 11th at the Venice Airport and environs. This run starts at the main gate of the Sharks Tooth Festival and has upwards of 700 or more runners participating. Yours truly and 10 TARC early risers will provide a safety net of communication at 10 locations along the route.

This is our main opportunity to educate the public to the importance of our endeavors so, to quote an old saying, "BE THERE OR BE SQUARE!"

VY 73 de Fred-KJ4TNI

-- FEBRUARY MEETING --

Our meeting will start at **7:00 PM** on Wednesday, **11 February 2015** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive. Our planned program has been delayed by a month, so we'll have to see what Program Chairman Hans Napfel-WB2ZZB can come up with. The e-mail reminder should have the info.

The joyfulness of a man prolongeth his days.

-- TARC DUES REMINDER --

Your 2015 TARC membership dues are now due and there is only one month remaining before those who haven't renewed for 2015 will be dropped from the membership roster when the 2-month grace period expires **28 February**. If you can't be at the February meeting to pay, mail a check to Treasurer San Yoder-K3SY, 1820 Batello Drive, Venice, FL 34292, or to the masthead address shown above.

When you do renew, please submit a Membership Application (see page 7) and check off your personal interests in Amateur Radio. The data from that input can be used to ultimately create subgroups within the TARC for those members sharing common interests.

-- HAM RADIO IN LEGION MAGAZINE --

The March 2015 edition of *American Legion Magazine* will include a feature article about the hobby of amateur radio. Written by best-selling author Don Keith-N4KC, the article will tell the 2.3 million readers of the publication how ham radio remains exciting, important, and relevant, even after one-hundred years of existence and so much technological change. It will also remind American Legion members about their organization's own club—The American Legion Amateur Radio Club or TALARC, which has more than 2000 members—as well as how its members can get their licenses, establish club stations at more of the 14,000 posts around the country, and more. The TALARC club station, K9TAL at American Legion Headquarters in Indianapolis, Indiana, also hosts regular operating events.

(From the *QRZ Newsroom*, 24 January 2015)

-- NOTABLE LOCAL APPOINTMENT --

George Wagner-K5KG, noted Sarasota con-tester, island hopper and overseas DX operator, has been appointed as Chairman of the ARRL Contest Advisory Committee. The CAC investigates matters regarding contests as are referred to it by the Programs and Services Committee.

**Tamiami Amateur Radio Club
Minutes of the Meeting
14 January 2015**

President Fred Lathwood-KJ4TNI called the meeting to order at 7:06 PM with a flag pledge. Introductions were then made all around, with Michael Naumann-KB3KUY from Phoenix, MD being welcomed as a visitor.

MINUTES – Fred requested a motion to accept the minutes of the 10 December 2014 meeting as published in the January 2015 issue of *The Communicator*. Gary Hagens-K6OC so moved, seconded by Glenn S. Hyde-N4MXQ, and passed.

CORRESPONDENCE – We received a form from the Shark's Tooth Festival requesting info about the type of site we need and number of Volunteer Passes we need. Form will need to be completed in the next month or so.

TREASURER'S REPORT – Treasurer Dave Gill-K4JDG reported that the starting balance was \$4,074.87. Receipts were \$26.00 from the December 50/50, \$10 for TARC Name Tag, and \$560 for 2015 dues, for a total of \$596.00. There were no expenses. The closing balance was \$4,670.87. Bob Avrutik-N1RA moved for acceptance of the report, seconded by Philip Jung-K9PJ, and passed.

COMMITTEE REPORTS

SUNSHINE – Nothing Known.

VE TESTING – Two candidates showed up for our 10 January 2015 VE session. One passed the Technician License.

REPEATER/TECHNICAL – Both the 146.805 and 444.100 machines are operating satisfactorily.

PUBLICITY/MEMBERSHIP – San Yoder-K3SY reported that we have 58 full members, seven student members, 1 honorary member, and five life members for a total of 71 members.

NET OPERATIONS – Fred reminded all of our 440 and 2-meter nets. Fred notes a slight upswing on the 2 meter net.

LIAISON TO QCWA – There were 29 members and spouses at our 07 January 2015 lunch at Denny's on Bee Ridge Rd., Sarasota. Hans Napfel-WB2ZZB presented a video on Thomas Edison.

OLD BUSINESS – Election of 2015 TARC Officers. Ongoing Sharks Tooth Festival planning. Christmas Party. Stan Robinson-W9SMR described how the TARC Club contest for ARRL Centennial contacts in 2014 would work.

NEW BUSINESS – Jack Sproat got our K4S call sign for the Sharks Tooth Festival.

We have filed the Florida State Division of Corporations paperwork for 2015.

Andy Durett-KB1HIP will be giving a class on getting your Extra Class License shortly. So far 12 people have signed up for the course.

COMMENTS FROM THE FLOOR – None

ADJOURNMENT – A motion to adjourn was made by Gary Hagens-K6OC, seconded by Peter Boers-KV4LR, and passed. There were 25 members and one visitor present.

PROGRAM – Al Culbert-K0AL gave a presentation titled "Should It Really be Called Morse Code?"

Dave Gill-K4JDG
Secretary

-- CQ COMBINES JAN/FEB ISSUE --

CQ magazine today announced that it will be publishing a combined January/February 2015 issue and will be ceasing publication of its "CQ Plus" digital edition supplement as of the March 2015 issue. Both moves are intended to help restore the magazine's normal schedule for its print edition and to strengthen its foundations moving forward as it enters its eighth decade of publication, said Publisher Dick Ross-K2MGA. "These decisions were not made lightly," he added, "but in recognition of the realities of the publishing industry. It's a tough time to be in the magazine business, and we appreciate the patience and loyalty of both our readers and our advertisers."

CQ will continue to publish both print and digital editions, but the digital edition will no longer contain the 50-60 additional pages each month that constituted "CQ Plus." Editor Rich Moseon-W2VU noted that he hopes to include some former CQ Plus content within the pages of CQ, but says ham radio will remain the magazine's primary focus, as it has been for the past seven decades. CQ is marking its 70th anniversary of publication as of its January/February issue.

Noted QSL manager and DXer Bob Schenck-N2OO will be assuming the position of DX Editor for CQ in future issues.

CQ is the sponsor of numerous extremely popular DX contests such as the CQ Wide World DX Contests, the WPX Contests, a RTTY Contest, and awards such as the CW Hall of Fame plaques, the Worked All Zones (WAZ), 5-Band WAZ, Worked All Counties, Worked All Prefixes (WPX), CQ DX Award, etc.

(Hicksville, NY 09 January 2015)

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
Palestine – E41MT; YL operator	Now Active	49	--	--	--	--	--	--	--	15-17
Morocco – CN2JJ; by F5LYF, CW/SSB	Now to 25 Apr	64	22-08	20-10	19-12	12-01	13-23	13-21	14-20	15-18
Guatemala – TG9/VE7BV	Now to 17 Feb	213	--	--	--	13-01	14-23	16-22	--	--
Papua New Guinea – P29NK; by DH1NK	Now to 15 Feb	283	08-13	07-14	07-14	06-19	14-01	20-01	20-00	21-22
Seychelles – S79AC; by OE4AAC, **	Now to 10 Feb	68	--	22-04	22-04	17-23	13-22	14-20	14-18	15-17
East Kiribati – T32RL; by AD7AF, all modes	Now to 09 Feb	267	04-13	02-15	01-15	16-02	16-01	17-01	17-00	17-23
Malawi – 7Q7VW; by DK2WV, all modes	Now to 06 Feb	90	22-04	21-05	22-05	18-01	13-23	13-22	13-19	15-18
Senegal – 6W7SK; by F6BLP, ** holiday sty	Now to 05 Feb	87	22-09	20-10	19-12	12-00	13-23	13-22	14-21	15-19
NAVASSA IS – K1N; 15-man team	01 – 14 February	140	00-24	00-24	12-00	14-23	16-20	16-21	16-21	18-20
Solomon Is – H44MS; by DL2GAC, SSB	01 Feb – 30 Apr	275	07-13	06-14	--	13-02	19-02	19-01	20-00	21-22
Fiji – 3D2AD; by YT1AD, CW/SSB	03 – 08 February	258	06-13	05-14	04-14	13-18	17-01	18-01	18-00	19-23
Mariana Is – KH0/EI2CR	04 – 07 February	306	07-13	06-14	06-14	13-02	14-01	21-00	21-22	21-22
Ascension Is – ZD8D; German team, lo bands	05 Feb – 06 Mar	108	22-08	21-09	20-09	12-01	12-00	13-23	13-22	14-21
Laos – XW8BM; by JA8BMK	05 – 25 February	353	11-12	10-13	10-13	13-02	14-16	14-18	14-19	15-18
Samoa – 5W7A; by YT1AD, CW/SSB	08 – 11 February	257	05-13	04-15	03-15	13-02	17-01	17-01	18-00	19-23
Namibia – V5/DC8QT, DD8ZX & DJ9KM	09 – 20 February	107	23-05	21-07	21-07	17-01	12-00	13-21	14-17	14-16
American Samoa – KH8/N9YU; by YT1AD	11 – 12 February	256	05-13	04-15	03-15	13-02	17-01	17-01	18-00	19-22
French Polynesia – FO/K8PGJ; holiday style	15 – 24 February	243	04-13	02-14	02-14	15-09	15-02	16-01	16-01	17-00
Cocos Is – TI9/3Z9DX; team op, 2 stations	16 – 23 February	192	23-13	00-24	00-24	12-05	13--01	13-00	14-00	15-23
Micronesia – V63MJ; by W5MJ, **	16 – 23 February	293	07-13	06-14	06-14	13-02	20-01	20-01	20-23	22-23
Kenya – 5Z4/DF3FS & DL9OLI, **	16 Feb – 08 Mar	76	23-04	22-05	22-05	17-06	12-00	13-23	13-21	15-19
Svalbard – JW/DL2JRM; CW/SSB	18 – 25 February	13	23-12	21-13	21-13	12-20	14-18	14-18	14-22	15-17
Malawi – 7Q7GIA; by LA7GIA, CW/RTTY	21 – 28 February	90	23-04	21-05	22-05	18-01	13-23	13-22	13-19	15-18
Juan Fernandez – CE0Z??; by 22 op team	24 Feb – 04 Mar	177	00-11	23-13	22-13	12-07	13-01	13-01	14-00	15-23
St Pierre & Miquelon – FP/KV1J; SSB/RTTY	26 Feb – 10 Mar	39	22-12	00-24	11-02	13-23	15-20	15-19	15-19	NO

Updated 28 January based on the 26 January 2015 *The Weekly DX*, 28 January 2015 *QRZ 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 date in accordance with the NOAA SWPC 27-day Space Weather Outlook Table and USAF 45 Day AP Forecast.

-- JANUARY SOLAR ACTIVITY --

Through 30 January the 10.7 cm Solar Flux ranged from 120 to 165, with a mean value of 140.9 (vs. 159.3 for January 2014 and 127.2 for January 2013), and the A_p index was ≥ 7 on 27 days. Through 29 January, the sunspot number ranged from 49 to 181, with a mean of 96.3.

January was quiet to unsettled, with 10 M-class and 233 C-class flares through the 29th. While the polar paths sometimes closed, propagation was generally favorable on all HF bands.

-- FEBRUARY FORECAST --

Solar activity is expected to be at low to moderate levels through 09 February. Low levels of activity are expected from 10-17 February before increasing to low to moderate levels on 18 February.

The greater than 2 MeV proton event at geosynchronous orbit is expected to be at moderate to high levels through 03 February, and again on 08-10 February.

Geomagnetic field activity is expected to be at quiet to unsettled levels. Active periods, with a slight chance for minor storm levels, are expected on 01-02, 06-09, 15-22 and 25-28 February due to recurrent coronal hole high speed solar wind streams.

The 10.7 cm Solar Flux should range from 115 to 150 and average 127 during February.

(From *NOAA Weekly Highlights and Forecasts*, 26 January 2015, *NOAA 27-day Space Weather Outlook Table*, 26 January 2015, and *45 Day AP Forecast*, USAF, 26 January 2015.)

-- EP6T-KISH ISLAND, IRAN --



Here's the Belgian/Dutch/Greek team that put Kish Island, Iran on the air, giving out over 68,000 Q's in nine days of mid-January operation. In addition to making a lot of DXers happy, the operation demonstrated ham radio to the proper government authorities with the goal of broadening amateur radio licensing and activity in Iran.

MAJOR CONTESTS DURING FEBRUARY 2015

UBA (Belgian) Contest		Triathlon DX Contest		Ten-Ten Winter Phone QSO Party	
31 Jan 1300Z	01 Feb 1300Z	07 Feb 0000Z	07 Feb 2359Z	07 Feb 0001Z	08 Feb 2359Z
3.5-28	--	SSB	3.5-28	--	SSB, CW, RTTY
RS, Serial		RS(T), Serial		Call, Name, QTH, 10-10 number	
www.uba.be/en/hf/contests-rules		www.triathlon-dx-contest.gr		www.ten-ten.org	
XE (Mexican) Int'l RTTY Contest		CQ WW RTTY WPX Contest		Dutch PACC Contest	
07 Feb 1800Z	08 Feb 1759Z	14 Feb 0000Z	15 Feb 2400Z	14 Feb 1200Z	15 Feb 1200Z
3.5-28	--	RTTY	3.5-28	--	RTTY
RST, Serial		RST, Serial		RS(T), Serial	
www.rtty.fmre.mx		www.cqwxprtty.com		www.dutchpacc.com	
ARRL Int'l CW DX Contest		REF (French) Contest		UBA (Belgian) Contest	
21 Feb 0000Z	22 Feb 2359Z	21 Feb 0600Z	22 Feb 1800Z	28 Feb 1300Z	01 Mar 1300Z
1.8-28	--	CW	3.5-28	--	SSB
RST, State/Province		RS, Serial		RST, Serial	
www.arrl.org/contests		http://concours.ref-union.org/contests		www.uba.be/en/hf/contest-rules	

Legend: Serial = 3-digit 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: Only major contests are shown, i.e. state QSO parties, miscellaneous sprints, etc. are not shown. See http://www.arrl.org/files/file/Contest%20Corral/Contest_Corral_1502.pdf for the complete list of the 43 contests/sprints/QSO parties/etc. that will be held during February.

-- HAMS HAVING FUN --



Stan - W9SMR
Den - W2DEN
Net - N2RDX
Bob - KC9UR

W9SMR/4

Gasparilla Island - IOTA NA-069
US Island FL034S
Boca Grande Lighthouse
ARLHS USA-910
EL86ur - Lee County, FL

QSL direct SASE:
Stan Robinson
5933 Mariposa Ln
Sarasota, FL 34238

Stan #1611
Den #1725
Bob #1834

QSO with	MM-DD-YY	UTC	Band	Mode	RST
	02-09-15	:			

eQSL.cc & LoTW Tnx FB QSO, 73 Den / Bob / Net / Stan

Stan Robinson-W9SMR, Bob Billingsley-KC9UR, Dennis Spiess-W2DEN and Antoinette Spiess-N2RDX will activate Gasparilla Island, IOTA NA-069 (US Island FL034S, EL86ur, Lee County) at the Boca Grande Lighthouse (ARLHS USA-910) as W9SMR/4 on 09 February 2015 from 0800 to 1800 EST (1300 to 2300 UTC).

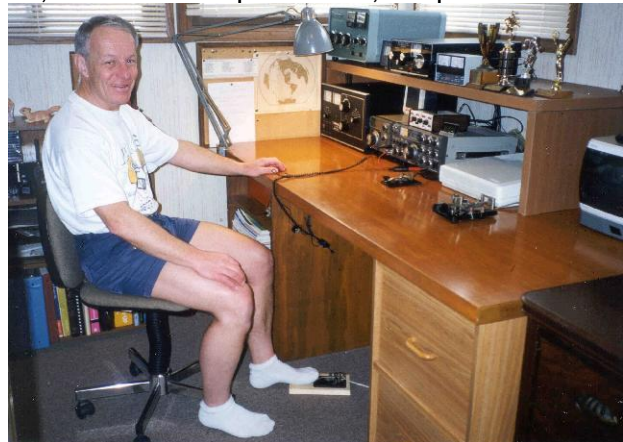
Activity will be from 40m to 10m using PSK-31, JT-9, JT-65 and SSB. QSL via LoTW, eQSL or Direct (SASE) to W9SMR.

-- QLF OLD TIMER? --

Most operators are familiar with the basic "Q" codes, such as QRM, QRN, QRO, QRP, QSL, QSY, QSX, QTH, etc. However, there's another informal Q code: QLF. This term essentially indicates that the CW from the sending station sounds like it is being sent with the operator's left foot. (If an operator is poor in any mode, he is given the negative title of being a "LID.")

Some hamfests used to rig up oversized straight keys and have QLF competitions. Such activities seem to be fading away, however.

Here's Todd Fonstad-N9NE doing some "left foot" operating in a SOC Marathon Sprint. Todd made 32 Q's on five bands, running 0.25 watts. As QRpp and left foot sending awarded multipliers, Todd ended up with 993,600 points.



The SOC (Second Class Operators Club, as compared to the FOC-First Class Operators Club, an honorary fraternity of very talented CW operators) has, in the past, sponsored such Marathon Sprints. Mottos of the SOC include such gems as "Competence is tolerated, but not encouraged" and "I demand the right to make a fool of myself in any way I see fit."

(Your editor has been accepted into the SOC membership and is now known as SOC#1099. Hey you only go 'round once!)

-- WHAT IS HAPPENING TO HAM RADIO? --

There can be no doubt that there are Amateur Radio operators today who fall far short of *The Amateur's Code*, as published by Paul M. Segal-W9EEA back in 1928:

THE RADIO AMATEUR IS:

- **CONSIDERATE** never knowingly operating in such a way as to lessen the pleasure of others.
- **LOYAL** offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
- **PROGRESSIVE** with knowledge abreast of science, a well-built and efficient station, and operation beyond reproach.
- **FRIENDLY** with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
- **BALANCED** Radio is an avocation, never interfering with duties owed to family, job, school or community.
- **PATRIOTIC** with station and skills always ready for service to country and community.

The first item in the Code, "Considerate", is violated on a daily basis, especially with regard to deliberate and intense deliberate interference (DQRM) to recent DXpeditions.

In addition to The Amateur's Code above, there is a DX Code of Conduct which has been published around the world, and in all major languages.

DX CODE OF CONDUCT

- I will listen, and listen, and then listen again before calling.
- I will only call if I can copy the DX station properly.
- I will not trust the DX cluster and will be sure of the DX station's call sign before calling.
- I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSX slot.
- I will wait for the DX station to end a contact before I call.
- I will always send my full call sign.
- I will call and then listen for a reasonable interval. I will not call continuously.
- I will not transmit when the DX operator calls another call sign, not mine.

- I will not transmit when the DX operator queries a call sign not like mine.
- I will not transmit when the DX station requests geographic areas other than mine.
- When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
- I will be thankful if and when I do make a contact.
- I will respect my fellow hams and conduct myself so as to earn their respect.

The FT5ZM Amsterdam Island DXpedition and the FT4TA operation from Tromelin Island last November were subjected to such severe DQRM that the subject of poor operating was discussed in several publications, including *QST*. The January EP6T operation from Iran was also subjected to extensive deliberate interference by both CW and SSB stations.

The K1N DXpedition from Navassa Island should be on the air in a matter of days. Navassa is ranked #1 or #2 Most Wanted (dependent on the referenced data base) in the world. So, "the world" will definitely be calling for a QSO. Considering that Navassa is only some 1200 km distant, local DXers should have no trouble getting this one. However, it will be a different story for stations in SE Asia, for instance, who will have very limited openings. It will be "interesting" to see how much DQRM is cast upon this operation. In an effort to combat DQRM on K1N, there is a DQRM tab on the Navassa web site <http://www.navassadx.com/> which will be activated during the operation. Decent DXers can click on that tab and provide their listening observations, beam headings, etc. on DQRM signals which, in turn, will produce a "heat map." This procedure was covertly tested during the FT4TA operation, with several stations generating DQRM being identified.

Why have numerous members of the ham radio "community" denigrated ham radio to the casual observer, i.e., who can get interested in a hobby when such trash is to be heard? Is it suggestive of decreased social mores worldwide? Do these obnoxious people succumb to not being able to work the DX, having a few "cold ones", and then taking out their frustration by creating DQRM? As one local has remarked, we might have had DQRM in the old days, but not by nut cases all running KW rigs.

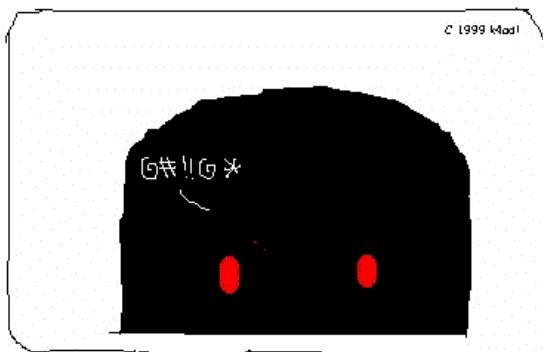
The days when an operator would never think of using a cuss word on the air are long gone.

February 2015

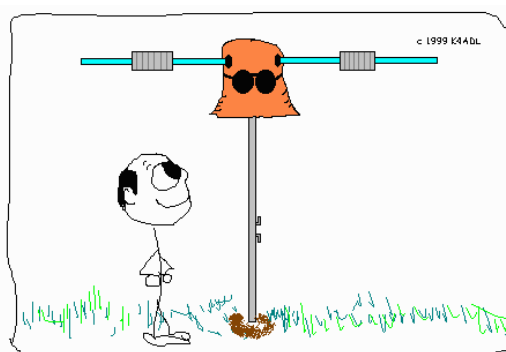
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	4 QCWA, 11:15 @ Denny's, Bee Ridge Rd. Sarasota	5 TARC Net @ 7:30 PM, W4AC Repeater 146.805	6 Breakfast @ Peach's, ± 7:00 AM	7
8	9 DARN Emergency Net @ 11 AM Starts on NI4CE repeater 145.430	10 Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	11 TARC Meeting @ 7 PM, Coast Guard Training Center	12 TARC Net @ 7:30 PM, W4AC Repeater 146.805	13 Breakfast @ Peach's, ± 7:00 AM	14 TARC VE Session 10 AM Venice Public Library
15	16	17 Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	18	19 TARC Net @ 7:30 PM, W4AC Repeater 146.805	20 Breakfast @ Peach's, ± 7:00 AM	21
22	23	24 Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	25	26 TARC Net @ 7:30 PM, W4AC Repeater 146.805	27 Breakfast @ Peach's, ± 7:00 AM	28

NOTE: If the W4AC 146.805 Repeater or the 444.100 Repeater are inoperative, nets scheduled for activity will be held on 146.580 MHz simplex. Thanks for your cooperation.

The K4ADL **K**artoon **K**orner



AT THE EXACT MOMENT THE RARE DX STATION RETURNS HIS CALL, EUGENE ENTERS THE TWO-MILE-LONG MOUNTAIN TUNNEL.



WARREN REALLY DIDN'T UNDERSTAND THE CONCEPT OF A "DISGUISED FLAGPOLE ANTENNA."

**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 Letters of Interests: (N) Net Control__, (I) RFI/TVI__, (V) VE Testing__, (T) Training__, (P) Packet__,
(Y) RTTY__, (D) PSK, etc.__, (O) Computers__, (X) DX__, (C) Contests__, (F) Field Day__, (Q) Publicity__, (E)
Emergency Communications__, (S) Special Events__, (U) VHF/UHF__, (A) ATV/SSTV, (R) Repeater__, (L)
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
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2013 TARC Officers

President: Fred Lathwood-KJ4TNI
V. President: Andy Durette-KB1HIP
Secretary: Dave Gill-K4JDG
Treasurer: San Yoder-K3SY
Directors: Jim Shortill-KJ4NDO
Conrad Owens-WA3RRS
Gary Hagens-K6OC
Tom McDermitt-W3GXV