



# 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>



-- APRIL 2014 --

## -- PRESIDENT'S MESSAGE --

April is here and the TARC's active season has arrived at a point where we either support our community activities or we sit home and dream of what could have been. The many stories of what Hams' can do in emergency communications during disasters are touted each year and make very impressive press releases. While this impresses the general public it is only viable if the local hams are willing to expend the effort. ARE WE READY? From the TARC membership that seems not to be the case. With a membership of over sixty, the number of members who have volunteered to work the Annual Sharks Tooth Festival is less than an amount worthy of mention. Have you offered your time and effort yet? If you haven't attended a meeting such that you could sign up to help out, contact me via [lathwood@gmail.com](mailto:lathwood@gmail.com).

I have been having talks with other hams that are involved in Amateur Television and other activities not evident in any of the area clubs. One that impressed me was following the "Voyager Space Mission." We all can get very excited about reaching a distant DX location. This is especially true when there are so few others able to accomplish this goal. How many times have you found one of these stations but found yourself unable to get a response? It is a 1590 lb. space probe that, depending on which group you give credence to, is now on the verge of leaving our solar system or has just left it. While you can't talk with it using our type equipment you can listen to the exchanges with earth control. I was able to copy a bit and I have included what I was able capture: "djiu eostj woic sitsa prilf oolsd aygot chao yallx" With just a little work I was able to decipher that small section.

VY 73 to All de Fred-KJ4TNI

## -- APRIL MEETING --

Our meeting will start at **7:00 PM** on Wednesday, **09 April 2014** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive. Hans Napfel-WB2ZZB will offer a program "Italy

as Seen by a Radio Ham." DXers know that Italian stations are strong worldwide—for better or worse—so let's see if Hans spotted any of those Italian Big Guns.

## -- SHARKS TOOTH 10-K RUN BRIEFING --



Karen Haynes from the Active Suncoast Foundation, sponsor of the Sharks Tooth 10K Run on 12 April 2014, briefs the members about the need for monitors along the course of the run.

## --TARC AND SHARKS TOOTH ACTIVITIES --



Just four years ago we had excellent membership support at the Sharks Tooth Festival. Can we do it again this year? How about you? (TNX Roger Schmitt-KY4RS for the montage that captures the spirit of K4S.)

**Tamiami Amateur Radio Club  
Minutes of the Meeting  
12 March 2014**

President Fred Lathwood-KJ4TNI called the meeting to order at 7:01 PM with a flag pledge. Terry Post-W0RPO and Larry Bryan-W8LIG of Venice, and Tom McDermitt-W3GXV and Bill Everson-K9TJP of Sarasota were welcomed as visitors. Introductions were then made all around.

**SHARKS TOOTH 10K MONITORING:** Fred introduced Karen Haynes from the Active Sun-coast Foundation, sponsor of the Sharks Tooth 10K Run on 12 April 2014. Karen explained some of the new features of this year's race, including more involvement by the Venice PD and less vehicular access. Karen thanked us for our past support and asked that we have at least 9-10 TARC volunteers at the monitoring stations she has designated.

**SIGN-UP SHEETS** – Sign-up sheets for volunteer assistance for the 10K Run; set-up, operation, and take-down of the on-site K4S station; and home station operations of K4S were passed around.

**MINUTES** – Fred requested a motion to accept the minutes of the 12 February meeting as published in the March issue of *The Communicator*. Guenther Hennig-AJ4QX so moved, seconded by Pat Marx-KA8MMG, and passed.

**CORRESPONDENCE** – Jack-w4JS has received authority from QRZ.com to post our upcoming operation on the K4S page of QRZ.com. The annual filing IRS of Form 990-N (e-postcard), applicable to 501(c)(3) organizations, was done today.

**TREASURER'S REPORT** – Treasurer Dave Gill-K4JDG reported that the starting balance was \$4641.42. Receipts were \$14.00 from the February 50/50, \$185.00 from dues payments, and \$60.00 from sale of TARC call sign badges, totaling \$259.00. Expenses were \$122.50 for renewal of Florida incorporation, \$162.15 for purchase of ARRL books and a \$19.78 bank charge for new checks, totaling \$304.43. The 28 February closing balance was \$4595.99. Don Jansen-KI4VGE moved for acceptance of the report, seconded by Andy Durette-KB1HIP, and passed.

**COMMITTEE REPORTS**

**SUNSHINE** – Jack-W4JS reported that Jim Shortill-KJ4NDO has been diagnosed with bile duct cancer and goes in for surgery tomorrow, 13 March.

**VE TESTING** – A special session was held 26 February at the Venice HS and two 9<sup>th</sup> grade students passed the Technician exam. Both are now Student members of the TARC. One candidate passed the Technician exam at our 08 March VE session.

**REPEATER/TECHNICAL** – Both repeaters are operational.

**PUBLICITY/MEMBERSHIP** – San Yoder reported that the current roster shows six student members, four life members and 52 regular members.

**NET OPERATIONS** – There is a definite need for better participation by the members.

**LIAISON TO QCWA** – There were 27 members, spouses and friends at our 05 March lunch at Denny's up in Sarasota. An auction was held, at which the main attraction was a Heathkit SB-200 HF amplifier. Sizeable proceeds swelled the chapter's treasury significantly.

**OLD BUSINESS** – 440 Net Interference: It was suggested at our February meeting that we switch over to use of 146.580 simplex if digital transmissions close down our 440 Net. Fred asked for approval by the members that if the digital interference is severe we will move to 146.580 MHz simplex. A show of hands indicated such approval.

Preparation for Sharks Tooth Festival: Review of the updated sign-up sheets indicates that 9-10 members will be available to monitor the 10K Run. A total of 8 members signed up for set-up of the K4S station and 7 for take-down. However, we only have some 6 volunteers to operate and log at K4S. Andy Durette-KB1HIP asked if it would be OK to ask some Englewood ARS members if they would like to operate, and that was agreed upon. A total of 6 members plan to operate K4S on SSB, RTTY and PSK31 from their home stations. A final request for volunteers will be made at our 09 April meeting.

Volunteer for PIO Position: Nobody has come forth to volunteer for this position. San Yoder-K3SY commented that periodically he does send notices of our meetings to the *Venice Gondolier*.

ARRL Books Distribution: Following approval at our February meeting, Dave Gill-K4JDG purchased ARRL License Q&A manuals and "200 Meters and Down". One copy of the Tech, General and Extra Q&A manuals have been put in the research section of the Venice Public Library. As such, they will never leave the library. One copy of the General and Extra Q&A manu-

See **MINUTES**, page 4

**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
Cyprus SBA – ZC4MIS; by AG6IP, ++, digi	Now to 30 April	48	--	23-05	22-05	17-05	11-23	12-22	16-21	16-22
Tanzania – 5H3MB; by IK2GZU	Now to 11 April	83	<b>23-04</b>	<b>22-05</b>	<b>22-05</b>	<b>19-05</b>	<b>16-02</b>	<b>11-01</b>	<b>12-01</b>	<b>14-21</b>
Mellish Reef – VK9MT; Int'l team operation	Now to 09 April	267	<b>07-12</b>	<b>06-13</b>	<b>06-13</b>	<b>03-17</b>	<b>12-06</b>	<b>13-05</b>	<b>20-03</b>	<b>20-01</b>
Reunion Is – FR/F5MNV, **	Now to 08 April	91	<b>23-03</b>	<b>23-03</b>	<b>22-04</b>	<b>19-05</b>	<b>17-00</b>	<b>16-22</b>	<b>13-18</b>	<b>15-17</b>
Guinea Bissau – J52HF; 2 op team, ++, RTTY	Now to 05 April	89	--	--	--	10-05	--	12-01	--	15-21
Cape Verde Is – D44TEG; by HB9EBT, digi	Now to 05 April	89	--	--	--	11-04	12-02	13-00	14-22	16-20
Mayotte – TO7BC; by DL7BC	Now to 04 April	85	--	22-04	22-04	19-05	15-01	11-00	12-00	14-22
Lesotho – 7P8PB; by EI7CC, holiday style	Now to 03 April	110	23-05	22-06	22-06	18-07	11-20	11-19	12-18	14-17
Mayotte – TO5NED; by F5NED	Now to 02 April	85	23-04	22-04	22-04	19-05	15-01	11-00	12-00	14-22
San Andres – 5J0X; 4 op team, holiday style	02 to 14 April	177	22-13	00-24	00-24	12-05	13-03	15-23	17-21	16-21
Senegal – 6W/F4GPK	04 to 15 April	87	23-08	21-09	21-10	10-05	11-03	12-01	14-22	16-20
Tonga – A35V, A35X; GM team, all modes	04 to 18 April	253	05-12	04-13	04-13	00-18	17-07	18-06	18-04	18-01
Easter Is – CE0Y/CE1WFN	05 to 17 April	208	01-12	00-13	23-13	13-07	13-06	14-05	14-03	16-22
Morocco – CN2CA; Dutch ops, mobile	05 to 20 April	64	23-07	21-09	21-09	10-04	11-02	12-01	14-21	16-20
Botswana – A22LL; by ZS1LL	05 to 30 April	105	23-05	22-06	22-06	18-06	11-20	12-19	13-18	15-17
Palau – T88QX; by DF8DX **	08 to 15 April	306	--	08-12	08-13	05-16	12-06	13-04	21-01	21-00
Ogasawara – JD1AAI; by JA2NQG	09 to 17 April	317	09-11	08-12	08-13	03-15	12-05	21-02	21-01	22-01
American Samoa – KH8/home calls; 3 ops	09 to 20 April	256	05-12	03-14	03-13	23-14	12-07	17-05	18-03	18-00
Fiji – 3D2SE; by ZL3TE **, some digital	11 to 14 April	258	05-12	04-13	04-13	01-15	12-07	18-13	18-05	19-00
Seychelles – S79SD; by F5JSD **	15 to 25 April	68	--	23-03	22-03	19-05	17-05	11-00	13-23	16-19
San Andres – HK0/LW9EOC; by LW9EOC	18 to 25 April	177	22-13	00-24	00-24	11-04	13-04	15-22	16-21	19-20
Lesotho – 7P8YY; by K5YY, focus 10 & 15	22 Apr – 01 May	110	--	--	--	--	--	11-18	--	15-16
Crete – SV9/OH1VR; by OH1VR	24 to 30 April	51	00-04	22-06	22-06	18-06	11-00	15-22	17-20	NO
Ogasawara – JD1BLY; by JI5RPT	27 Apr – 05 May	317	--	08-12	08-12	04-16	12-05	21-02	21-01	0430
Ogasawara – JD1BMH; by JG7PSJ	27 Apr – 11 May	317	--	08-12	08-12	04-16	12-05	21-02	21-01	0430
Palau – T88ST; by JR3STX	29 Apr – 07 May	306	09-11	08-12	08-12	05-16	12-06	20-05	21-00	20-00

Updated 31 March based on the 31 March *The Weekly DX*, the 26 March *QRZ DX*, and the NG3K DX Page, <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.

**-- MARCH SOLAR ACTIVITY --**

The Solar Flux ranged from 136 to 165, with a mean value of 150.0 (vs. 111.4 for March 2013 and 110.8 for March 2012), and the  $A_p$  index was  $\geq 7$  on 13 days. The sunspot number through 30 March ranged from 108 to 191, with a mean of 139.9. One X-class, 21 M-class and 238 C-class flares occurred through 30 March.

Quiet conditions generally prevailed other than some disturbed conditions 13, 21-22 and 26 March.

**-- APRIL FORECAST --**

Solar activity is expected to be at low levels with a chance for M-class flares from 15-19 April. From 01-14 April, moderate levels are likely with a chance for X-class flares as old Regions 1996 and 2002 return to the visible disk.

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 during the month.

Geomagnetic field activity is expected to be at quiet to unsettled levels on 01, 09, 17, 20-21 and 26-28 April due to coronal hole high speed streams.

The Solar Flux should range from 135 to 155, and average 144.5 during April.

(From *NOAA Weekly Highlights and Forecasts*, 24 March 2014, *NOAA 27-day Space Weather Outlook Table*, 24 March 2014, and *45 Day AP Forecast*, USAF, 24 March 2014)

**-- MARCH'S DX HIGHLIGHTS --**

March kicked off with excellent worldwide propagation on 10 meters. All continents were there for the taking (if you turned on your radio, that is).

The German team fired up several stations from Sri Lanka, where they suffered from power outages and high noise levels.

World traveller Vlad Boykov-UA4WHX left Juan Fernandez (CE0Z/UA4WHX) and came on from Providencia Is., NA-049, as HK0/UA4WHX. Vlad's now on as HC8ART from the Galapagos Is. He's a great operator, offering all modes.

The ZL7AAA Chatham Is. and TX6G Austral Is. team operations came up on schedule, with good ops and signals.

Jean-Jacques-FW5JJ has been like a beacon from Wallis Is. on 10 and 12 meters.

To round it out, W1AW/KH2 was quite active from Guam.

## MAJOR CONTESTS DURING APRIL

Contest/Special Event	Begin-End Times/Dates	Bands/Modes	QSO With	Exchange
Polish DX Contest	1500Z 05 Apr 1500Z 06 Apr	160 – 10 Meters SSB and CW	Polish Stations	RS(T), Serial
Czech-Slovak DX Contest	1200Z 12 Apr 1200Z 13 Apr	160 – 10 Meters SSB Only	Anyone, Anywhere	RS, Serial
Japan International DX Contest	0700Z 12 Apr 1300Z 13 Apr	160 – 10 Meters CW Only	Japanese Stations	RST, CQ Zone (5 locally)
Yuri Gagarin DX Contest	2100Z 12 Apr 2100Z 13 Apr	160 – 10 Meters CW Only	Anyone, Anywhere	RST, ITU Zone (8 locally)
Holyland DX Contest	2100Z 18 Apr 2100Z 19 Apr	160 – 10 Meters SSB, CW, Digital	4X/4Z Stations Only	RS(T), Serial
TARA Skirmish Digital Prefix Contest	0000Z 19 Apr 2359Z 19 Apr	160 – 6 Meters All Digital Modes	Anyone, Anywhere	Name, Prefix
Worked All Provinces of China	0600Z 19 Apr 0559Z 20 Apr	80 – 10 Meters SSB and CW	Chinese Stations	RS(T), Serial
CQ Manchester Mineira DX Contest	1200Z 19 Apr 2359 20 Apr	80 – 10 Meters CW Only	Anyone, Anywhere	RST, Continent (NA)
Serbian DX Contest	2100Z 19 Apr 1700Z 20 Apr	160 – 10 Meters CW Only	Anyone, Anywhere	RST, ITU Zone
Polish DX RTTY Contest	1200Z 26 Apr 1200Z 27 Apr	80 – 10 Meters RTTY Only	Anyone, Anywhere	RST, Serial
Helvetia Contest	1300Z 26 Apr 1259Z 27 Apr	160 – 10 Meters SSB, CW, Digital	Swiss Stations	RS(T), Serial
BARTG 75 Sprint	1700Z 27 Apr 2100Z 27 Apr	80 – 10 Meters 75 Baud RTTY	DXCC entities once; W, VE, VK, JA areas once	Serial

*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: State QSO Parties are not shown. See above references for such information.

### MINUTES, from page 2

als are on the open shelves, and they can be circulated throughout the Sarasota County system. One copy of the General and Extra Q&A manuals are available for use directly by TARC members. The three copies of "200 Meters and Down" are circulating among the TARC members.

**NEW BUSINESS** – Dave Gill-K4JDG has also assumed the task of updating the TARC website.

**COMMENTS FROM THE FLOOR** – None

**ADJOURNMENT** – A motion to adjourn at 7:43 PM passed. There were 19 members and four visitors present.

**PROGRAM** – Dave Gill-K4JDG showed his very informative homebrew video regarding his experiences with a Pixel magnetic loop receiving antenna, which led to some good questions and discussions.

Jack Sproat-W4JS  
 Secretary

*A good evening is one spent in good company.*

### -- HIRAM PERCY MAXIM --



Hiram Percy Maxim, c. 1914

As this year marks the 100<sup>th</sup> Anniversary of the American Radio Relay League, the ARRL has been offering profiles of its founding fathers.

See **MAXIM**, page 5

#### MAXIM, from page 4

These emphasize the amateur radio aspects of these men, but what did they do to earn a living to support their ham radio interests? *Wikipedia* offers a concise biography of the readily recognized Hiram Percy Maxim.

Hiram Percy Maxim (02 September 1869 – 17 February 1936) was co-founder, along with Clarence Tuska, of the American Radio Relay League (ARRL). He originally had the amateur call signs SNY, 1WH, 1ZM, (after WW I) 1AW, and later W1AW, which is now the ARRL Headquarters club station call sign.

Maxim was the son of Sir Hiram Stevens Maxim, inventor of the Maxim Machine gun. In addition, he was the nephew of Hudson Maxim, an inventor of explosives and ballistic propellants. Hiram was a mechanical engineering graduate, class of 1886, of the Massachusetts Institute of Technology (then a two-year course).

Beginning in 1892 Maxim worked at the American Projectile Company of Lynn, Massachusetts, and tinkered nights on his own internal combustion engine. He admitted his ignorance of engine developments in Germany by Maybach, Daimler and Benz, and he later explained that he "was staggered at the amount of time required to build one small engine." Furthermore, he was appalled once he finally achieved combustion. The engine "shook and trembled and rattled and clattered, spat oil, fire, smoke, and smell, and to a person who disliked machinery naturally, and who had been brought up to the fine elegance and perfection of fine horse carriages, it was revolting."

In early 1895 Maxim visited Colonel Albert Pope in Hartford which led to his being hired for the Motor Vehicle Division of the Pope Manufacturing Company. In 1899, with Maxim at the controls, the Pope Columbia, a gasoline-powered automobile, won the first closed-circuit automobile race in the US at Branford, Connecticut. Columbia continued to produce gasoline cars until 1913, and was also a major manufacturer of early electric automobiles and trucks.

Maxim married Josephine Hamilton, the daughter of the former Maryland Governor William T. Hamilton on 21 December 1898 in Hagerstown, Maryland, and had a son, Hiram Hamilton Maxim, and a daughter, Percy Hamilton Maxim.

Maxim is also noted as the inventor of the "Maxim Silencer", a suppressor for firearms (patented in 1908) as well as of a silencer (or muffler) for gasoline engines.

Sponsored by the Hartford Amateur Radio Club, in 1914 he and Tuska sent out applications to join the ARRL to all the amateurs they could think of as a response to the lack of an organized group of "relay" stations to pass messages via amateur radio.

Maxim founded the Amateur Cinema League in New York in 1926; he was elected president. The Amateur Cinema League published a monthly journal, *Movie Makers*.

Maxim wrote an amusing account of his youth in the book *A Genius in the Family: Sir Hiram Stevens Maxim Through a Small Son's Eyes*. This book was adapted to the screen as *So Goes My Love*. He recounted his days as an automobile pioneer in his book *Horseless Carriage Days* and also wrote the book *Life's Place in the Cosmos*, an overview of contemporary science that surmised life existed outside of earth.

Hiram Percy Maxim was returning to his home in Hartford, Connecticut, in February, 1936, from a trip to California to visit the Lick Observatory. He fell ill and was taken from the train to a hospital in La Junta, Colorado, where he died the following day, 17 February 1936. Hiram P. Maxim was buried in the Rose Hill Cemetery in Hagerstown, Maryland, in the Hamilton family plot belonging to his wife's family.

His daughter, Percy Maxim Lee (1906–2002) became President of the League of Women Voters of the United States and was appointed by President Kennedy to the Consumer Advisory Council, which she later chaired. She was an advocate for debates by presidential candidates, and an opponent of the abuse from Senator Joseph McCarthy.

*(One could surmise that Maxim was born into an inventive and wealthy family, and that he carried on that tradition. He obviously married well. But none of this prevented his health from failing and his sudden death at the age of 66 years. In contrast, his daughter lived to be 96 years of age.*

*Maxim Silencers, Inc., located in Houston, Texas, today manufactures a complete line of noise control, waste recovery and emission control equipment under the Maxim trade name, as founded by Hiram Percy Maxim.)*

*Look ahead or you won't get ahead.*

*The first step toward change is awareness. The second step is acceptance.*

*Prudence keeps life safe, but does not often make it happy.*

## -- TARC WAS COMPETITION --

At our December 2013 meeting a Club Membership competition was proposed for working special event station W100AW and the W1AW/portable operations that will take place twice from every state during 2014. Rules would be derived from the ARRL web page with certificates awarded to the TARC members having the most contacts, based on their log entries. A show of hands indicated some interest, and a log format and further info was sent to all members prior to 01 January 2014.

From 01 January through 31 March, W100AW has been on several times and W1AW/## stations have been on from 26 states, Guam and Guantanamo, Cuba. Phone, CW, RTTY and PSK31 modes have all been used by various operators, so there have been good opportunities to participate in this ARRL Centennial QSO Party. For those who register (at a later date) with the ARRL, they will automatically receive QSLs via the bureau system. So this is a good time to go for the Worked All States certificate. (Your editor's current WAS certificate is #6709, dated 02 November 1956.)

Stan Robinson-W9SMR is working on a TARC certificate that will be presented to the members who excel in this club competition. These will probably be awarded based on total Q's, modes, bands, etc. as determined at a later date. So, join in this casual competition during 2014.

## -- RECORD LEVEL – SO WHAT? --

In the Spring Edition of West Mountain Radio's newsletter The Beacon, Bob Witte-K0NR raises some good questions about the status of ham radio licensees in the US. At the end of 2013 the ARRL was gleefully reporting that licensees hit an all time high of 717,201. So what?

Some 49% of the US licensees are Technicians, there are still some 2% Novices and 8% Advanced, along with 23% General and 19% Extra. These data raise a number of pertinent questions.

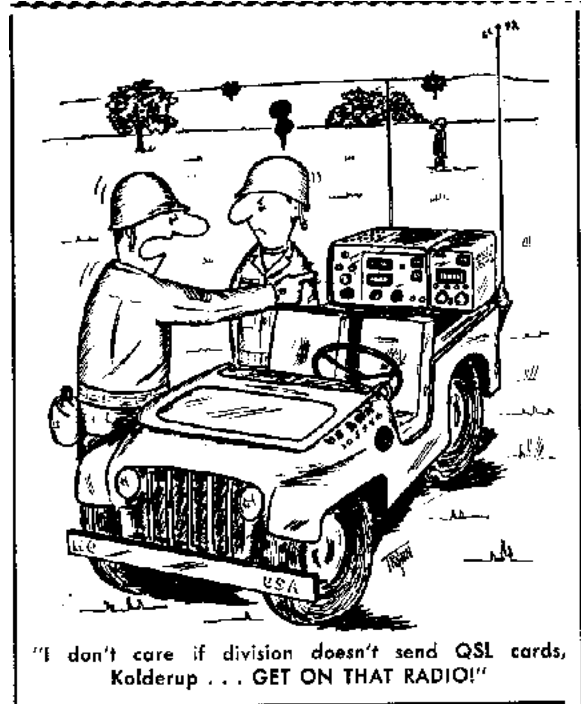
How many of these licensees are actually Silent Keys and their license remains on the books until it hits the 10-year expiration date?

Considering the aging ham population, when will we hit the demographic brick wall and see the number of licenses decline?

How many of these licensees are actively involved in ham radio? We all know a good number of hams who keep their license current but are never on the air.

While nobody has collected and analyzed the age distribution of hams, just looking over the attendance at any hamfest offers visual estimates. Also it's difficult to determine how many hams are active, but it's obvious that the HF bands are not jammed edge to edge with US stations. People have many potential activities to choose from these days, such that the era of the Full Up 24/7 Ham Radio operator is fading fast.

## -- THE DEDICATED QSL COLLECTOR --



## -- THE LOW BAND DXER --



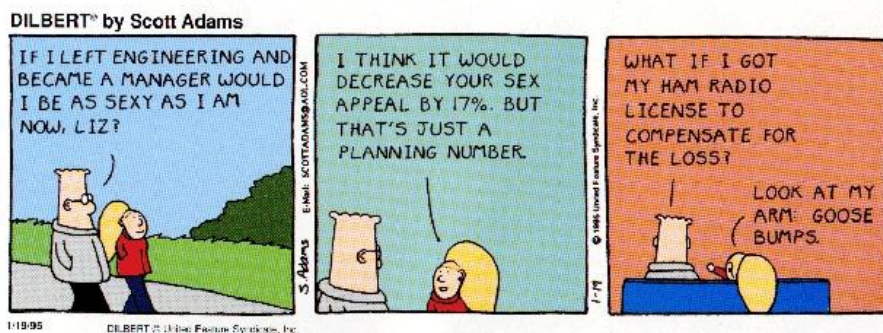
The indefatigable "Gil" Gildersleeve captured the price one usually pays for spending long nights chasing DX on the low bands.

(It's a shame that QST no longer offers humor on its pages.)

# April 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
		Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	QCWA, 11:30 @ Denny's in Sarasota	TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:00 AM	
6	7	8	9	10	11	12
		Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr	<b>TARC Meeting @ 7 PM, Coast Guard Training Center</b>	TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:00 AM	<b>TARC VE Session @ 10:00 AM, Venice Library</b>
13	14	15	16	17	18	19
	DARN Emergency Net @ 11 AM Starts on NI4CE repeater 145.430	Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr		TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:00 AM	
20	21	22	23	24	25	26
		Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr		TARC Net @ 7:30 PM, W4AC Repeater 146.805	Breakfast @ Peach's, ± 7:00 AM	
27	28	29	30			
		Breakfast @ Peach's, ± 7:00 AM 440 Net @ 7:30 PM, 444.100 Rptr				

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.



**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: Dave Gill-K4JDG  
Directors: Bob Avrutik-N1RA  
Jim Shortill-KJ4NDO  
Conrad Owens-WA3RRS  
San Yoder-K3SY