



# 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 2011 --

## -- PRESIDENT'S MESSAGE --

I must confess that I am greatly discouraged by the lack of interest and use of our W4AC repeaters by the TARC members. As I noted last month, our three weekly 2-meter nets are ignored by the vast majority of our members. Yes, the Wednesday night net is for those members who are interested in DX activities, but the Tuesday and Thursday nets are for general interest. We now have several of our snowbird members checking into these nets, and we do appreciate that they show more interest than do our resident members.

The analog/digital 2-meter repeater is again in operation, as well as the 444.100 MHz machine. I've done some testing of signal coverage which indicates that the digital mode on 444 is heads and shoulders over the analog mode on 2-meters. Considering how few people use the repeaters, I have to wonder if we shouldn't just forget about 2-meters and go with just the 444 machine. Such a change would have a minimal effect on the membership—based on current use.

Another disappointment for me has been the apparent lack of interest in the TARC by a vast majority of the members who were given a year's free membership in our Club. The First Year Free program was started as a means of exposing newly licensed people to ham radio, via both membership and the monthly newsletter. While we did get several FYF members to swing over into being dues paying members, the program did not bear fruit. As such, it will be discontinued the end of February—assuming the members vote for that Bylaws amendment.

We have already approved an increase in our annual dues which will go into effect the end of February. If you haven't yet paid your 2011 dues, I recommend that you do so ASAP. This dues increase does not affect Student members.

We are in need of program material. If you have any ideas that could be of interest to us, please let us know.

73, Stew Haag-W4MO

## -- FEBRUARY MEETING --

Our meeting will start at **6:00 PM** on Tuesday, **08 February 2011** in the Knights of Columbus Hall, 512 Substation Road, Venice. The business meeting will be important, as two amendments to our Bylaws are on the agenda for ratification by the members in attendance. Following the business meeting, a Power Point program, "Inside Vietnam," will be presented. This program shows the varied cultures and life styles of the Vietnamese as witnessed and photographed by Conrad Owens-WA3RRS during his extended visit there in 2010. We hope to see you there.

## -- 2011 DUES ARE DEFINITELY DUE --

Currently, the TARC provides a 3-month grace period through 31 March of each year. However, at our February meeting it is most likely that our Bylaws will be amended to reduce that grace period to two months. Therefore, on 01 March 2011, any member who has not paid their 2011 dues will be dropped from the rolls of the TARC. Members who renew for 2011 after 28 February will have to pay \$25 to maintain their TARC membership.

All First Year Free members who were welcomed into the TARC prior to 01 October 2010 will be dropped if they do not become dues paying members before 01 March 2011. Student members can take advantage of their special rate, as it was not affected by the Bylaws amendment. So, the ball's in your court.

If you cannot attend the February meeting, you may mail your dues check payable to "TARC" to the address shown in the masthead. We would also appreciate receiving an updated Membership Application from you to keep us current with your license status, address(es), ham radio interests, e-mail, etc.

*A government study revealed that people who are late are often much happier than the people who have been waiting for them.*

*If ignorance is bliss, why aren't more people happy?*

**TAMIAMI AMATEUR RADIO CLUB**  
**Minutes of the Meeting**  
**04 January 2011**

President Stew Haag-W4MO called the meeting to order at 6:10 PM and, following a flag salute, introductions were made all around.

**MINUTES** – A motion to accept the minutes of the 07 December 2010 meeting as published in the January 2011 issue of *The Communicator* was moved by Fred Lathwood-KJ4TNI, seconded by Bruce Brown-WA8IQF, and passed.

**CORRESPONDENCE** – Secretary Jack Sproat-W4JS reported a variety of correspondence. This included 1) a letter to the Venice Public Library donating \$132 from VE fees, 2) applying for and receiving the revised W4AC club license with Peter Pesa-N4RD as the new Station Trustee, 3) applying for and receiving authorization for use of Special Event Call Sign K4S 08-10 April 2011 at the Sharks Tooth Festival, 4) receipt of a letter and \$150 donation from Bob Preston-N4CTC for “maintenance of the remote HF radio,” and 5) receipt of Orlando HamCation flyers.

**TREASURER’S REPORT** – Treasurer Don Jansen-KI4VGE gave the 04 January Treasurer’s Report. The starting balance was \$996.84. Receipts were \$15.00 from the December 50/50, \$240 in dues, a \$135 donation, and \$132 for donation to Venice Library totaling \$522.00. Expenses were \$14.73 for DayStar Internet service, \$7.49 for engraving on the Silent Key Plaque, \$8.80 for postage stamps, and \$132 to the Friends of Venice Public Library, totaling \$163.02. The ending balance is \$1355.82. Peter Pesa-N4RD moved for acceptance of the report, seconded by Bruce Brown-WA8IQF, and passed.

**COMMITTEE REPORTS**

**SUNSHINE** – Stew commented on the passing of Matt Klapp-W2EQV.

**VE TESTING** – Our next regularly scheduled VE session will be at 10 AM on 08 January at the Venice Public Library. There have been two inquiries to date.

**REPEATER/TECHNICAL** – The 146 and 444 MHz repeaters and the Kenwood remote HF radio are operational.

**CLUB PROPERTY** – No inventory changes.

**PUBLICITY/MEMBERSHIP** – San Yoder-K3SY reported we have 63 dues paying members, nine Honorary Life members, and 34 First Year Free members, totaling 106 members.

**NET OPERATIONS** – Net Manager Bob Murphy-WA1UHG was not present, however, Jack-

W4JS commented that net participation is very low—varying from zero to four check-ins. Stew pondered if we should just forget about the nets.

**LIAISON TO EARS** – Conrad Owens-WA3RRS was not present at the December meeting of the Englewood ARS.

**LIAISON TO QCWA** – Suncoast Chapter 53’s next gathering at Denny’s on Bee Ridge Road in Sarasota will be on 05 January 2011. Hans Napfel-WB2ZZB and Conrad-WA3RRS have prepared a PP program, “Inside Vietnam,” covering Conrad’s 19-day tour of that nation. All are welcome to come out, have lunch and enjoy the camaraderie.

**OLD BUSINESS** – Nothing carried over.

**NEW BUSINESS** – Before the items listed on the agenda were brought up for discussion, Stew Haag-W4MO announced a clarification of the TARC repeater equipment, i.e., the repeater and antenna system belongs to the TARC. Stew also announced that prior to tonight’s meeting he had given Treasurer Don Jansen-KI4VGE a check in the amount of \$1000 to cover the costs of antenna work and coaxial cable installation which had been under his personal directive.

A number of items were then presented to the members for their consideration/approval.

- 1) Financial Audit Committee – Stew asked for two volunteers to review the financial records. Andy Durette-KB1HIP, Bruce Brown-WA8IQF, and Peter Pesa-N4RD volunteered.
- 2) Sunshine Committee – Due to loss of Matt Klapp-W2EQV, a volunteer is needed. No one expressed willingness to serve.
- 3) Equipment Loan Policy - The officers have recommended that Club equipment can be loaned out for a maximum of three (3) months. If there is no other request for use of the equipment, the loan period may be extended. Peter Pesa-N4RD so moved, seconded by Bruce Brown-WA8IQF, and passed.
- 4) Purchase of Name Badges – The officers have recommended that new members purchase their own badges at a cost of \$10. Bernie Lanza-KK4WI so moved, seconded by Peter Pesa-N4RD, and passed.
- 5) First Year Free Members - The officers have recommended that such membership be eliminated. Following discussion  
See **Minutes**, page 5

**CURRENT/PENDING DX ACTIVITY & PROPAGATION HIGHLIGHTS**

CURRENT and/or SCHEDULED DX ACTIVITY										
COUNTRY – CALL SIGN	ACTIVITY PERIOD	BEAR-ING	HF BANDS and BEST OPENING TIMES (UTC)							
			80	40	30	20	17	15	12	10
Solomon Is – H44MS; ++ focus on 40/80	Now to 12 April	275	07-13	06-14	--	00-01	20-23	20-22	20-22	NO
Angola – D2AM	Now to 17 Mar	96	22-06	21-08	20-06	13-00	14-21	15-20	15-20	15-20
South Shetland Is – LU1ZS; ++ on 20 meters	Now to 15 Mar	169	00-09	00-10	--	22-00	NO	NO	NO	NO
Mauritius – 3B8/F6HMJ	Now to 21 Feb	88	23-02	22-04	22-02	16-23	14-20	15-19	16-19	16-18
South Orkney Is – VP8ORK	Now to 08 Feb	163	00-08	23-09	23-08	20-23	14-22	14-22	NO	NO
United Arab Emirates – A6/VE6LB	Now to 08 Feb	43	22-04	21-05	21-23	14-16	1500	NO	NO	NO
Madagascar – 5R8HL; Swedish Team	Now to 04 Feb	90	23-03	22-04	22-00	18-22	17-19	16-18	16-18	NO
Guinea Bissau – J5UAP; CW, RTTY	01 Feb to 31 Mar	90	22-09	20-09	19-01	14-23	15-20	16-19	16-19	NO
Senegal – 6W2SC; CW, RTTY	01 Feb to 31 Mar	87	22-09	20-10	19-09	13-23	14-21	15-20	16-19	16-19
Cape Verde – D44TBE	02 to 09 Feb	89	22-09	18-12	12-00	13-23	14-21	16-20	16-20	NO
Tanzania – 5H???, spare time operation	02 Feb to 08 Mar	83	23-04	22-05	22-01	16-23	14-21	15-20	17-19	17-19
Svalbard Is – JW8HGA	04 to 08 Feb	13	23-12	01-14	13-14	14-10	15-16	NO	NO	NO
Tonga – A35AY; 100 watts to vertical	04 to 09 Feb	253	05-13	04-14	05-15	17-00	18-23	19-22	20-22	20-22
Sao Tome & Principe – S9DX; German Team	04 to 17 Feb	90	22-07	21-08	20-00	13-22	15-21	17-20	17-20	NO
Mauritius – 3B8/SP2FUD & SP2JMB	04 to 24 Feb	88	23-03	22-04	22-02	16-22	14-20	15-19	16-18	16-18
Namibia – V55DLH; German Team	05 to 12 Feb	107	23-06	21-07	21-00	15-23	14-21	15-19	16-18	16-18
Maldives – 8Q7AK; holiday style	05 to 18 Feb	41	23-02	21-02	22-00	14-22	15-20	16-19	16-19	NO
Papua New Guinea – P29CW; spare time op	05 Feb to 05 Mar	283	08-13	07-14	09-14	14-15	21-22	2200	2200	NO
Guinea Bissau – J5NAR; focus on 160-30 m.	05 to 26 Feb	90	22-09	20-09	19-01	14-23	15-20	16-19	16-19	NO
West Kiribati – T30???, **	08 to 22 Feb	277	06-13	05-15	06-15	18-00	19-00	19-22	19-22	19-21
Palau – T88SM & T88HS	10 to 15 Feb	307	09-13	07-14	09-14	14-17	22-23	2200	NO	NO
Cameroon – TJ9PF; International Team	10 to 20 Feb	83	22-06	21-08	21-01	13-23	15-21	16-20	16-20	NO
Chad – TT8DX	14 to 24 Feb	73	23-06	21-07	21-01	13-23	15-21	16-19	16-19	NO
Rodriguez Is – 3B9/SP2FUD & SP2JMB	18 to 22 Feb	84	23-02	22-03	22-01	17-22	15-19	15-18	16-18	16-18
Uganda – 5X1NH	20 Feb to 14 Apr	77	23-04	22-06	22-01	17-00	14-21	16-19	16-19	NO
Cocos Keeling Is – VK9C/G6AY; CW Only	22 Feb to 05 Mar	3	NO	23-00	23-00	14-18	15-17	15-17	NO	NO
East Malaysia – 9M8Z, 9M6XRO/8	25 to 28 Feb	333	11-12	10-13	11-13	14-19	16-16	16-19	18-19	NO

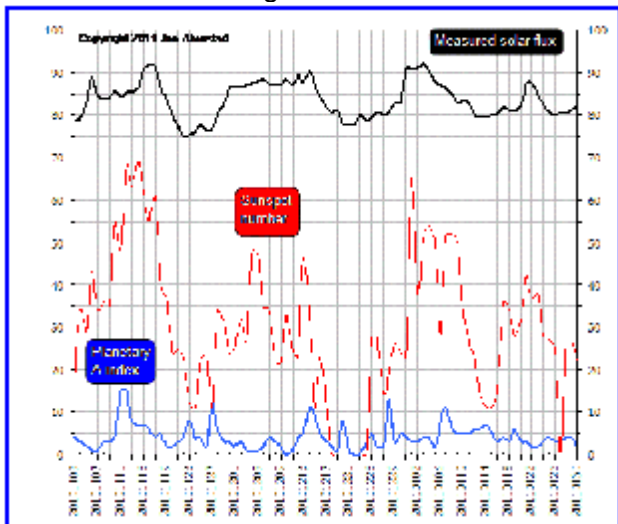
Updated 30 January 2011, based on 26 January 2011 *QRZ DX*, 24 January 2011 *The Weekly DX* and <http://www.ng3k.com>

**Notes:** **Time in bold** = 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.gsl.net/w6elprop/>. Solar Flux and K-index varied by date in accordance with USAF 45-Day A/P Forecast.

**-- JANUARY SOLAR ACTIVITY --**

During January the Solar Flux ranged from 79 to 92, with a mean value of 83.7 (vs. 80.1 for January 2010 and 69.9 for January 2009). The A-index was  $\geq 7$  on 6 days. Through 30 January, the sunspot number ranged from 0 to 65, with a mean of 32.6 for the month.

Sunspot Regions 1139 thru 1151 were active during January, with 18 C-class and one M-Class flares occurring.



(Thanks to Jan Alvestad, <http://www.solen.info/solar/>)

**-- FEBRUARY FORECAST --**

Solar activity is expected to be very low throughout 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 levels 01-04 February. Moderate to high levels are expected 04-09 February, with normal to moderate levels the rest of the month. The Solar Flux should average 81.0 during February.

The geomagnetic field should be quiet 01-02 February, increasing to quiet to unsettled levels 02-05 due to a recurrent HSS. Predominantly quiet levels are expected for the remainder of the month.

(From NOAA Weekly Highlights and Forecasts, 25 January 2011, NOAA 27-day Space Weather Outlook Table, 25 January 2011, and 45 Day AP Forecast, USAF, 30 January 2011)

**-- DX NOTES OF INTEREST --**

The anticipated Spratly Island-DX0DX operation was cancelled due to transportation problems. Monk Apollo-SV2ASP/A has been active for Mont Athos on 17, 20 and 40-meter SSB. If you hear **ZL9BS** or **ZL9BI**, it's a bootlegger and not on Auckland & Campbell Islands.

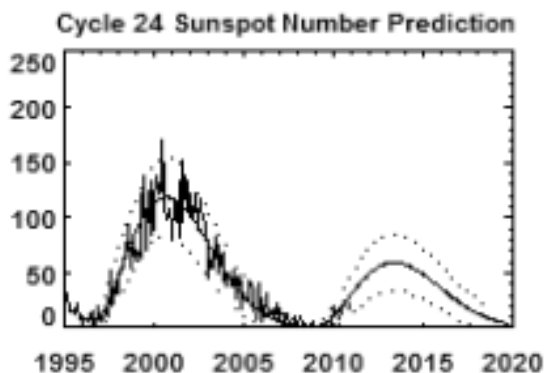
## FEBRUARY CONTESTS & ACTIVITIES

Contest/Special Event	Begin-End Times/Dates	Bands/Modes	QSO With	Exchange
Ten-Ten Winter Phone QSO Party	0001Z 05 Feb 2359Z 06 Feb	10 Meters Only Phone Only	Members of 10-10 International	Call, Name, QTH
Black Sea Cup International	1200Z 05 Feb 1200Z 06 Feb	160 – 10 Meters Phone and CW	Anyone, Anywhere	RS(T), ITU Zone (locally it's 8)
Mexican International RTTY Contest	1800Z 05 Feb 1759Z 06 Feb	80 – 10 Meters RTTY Only	Anyone, Anywhere	RST, Serial
North American Sprint	0000Z 06 Feb 0400Z 06 Feb	80 – 20 Meters CW Only	Anyone, Anywhere	Both Calls, Name Serial, S/P/C
YL-OM Contest	1400Z 11 Feb 0200Z 13 Feb	160 – 10 Meters Phone, CW, Digital	OM's work YL's, YL's work OM's	Call, RS(T), Serial, S/P/C
CQ World Wide RTTY WPX Contest	0000Z 12 Feb 2400Z 13 Feb	80 – 10 Meters RTTY Only	Anyone, Anywhere	RST, Serial
Dutch PACC Contest	1200Z 12 Feb 1200Z 13 Feb	160 – 10 Meters Phone and CW	Stations in the Netherlands	RS(T), Serial
OMISS QSO Party	1500Z 12 Feb 1500Z 13 Feb	80 – 10 Meters Phone Only	Anyone, Anywhere	RS, S/P/C, OMISS # (if have)
RSGB – First 1.8 MHz Contest	2100 12 Feb 0100 13 Feb	160 Meters Only Phone and CW	Only stations in the United Kingdom	RS(T), Serial
North American Sprint	0000Z 13 Feb 0400Z 13 Feb	80 – 20 Meters Phone Only	Anyone, Anywhere	Both Calls, Name Serial, S/P/C
Russian World Wide PSK Contest	2100Z 18 Feb 2100Z 19 Feb	160 – 10 Meters PSK Only	Anyone, Anywhere	RST, Serial
ARRL International CW DX Contest	0000Z 19 Feb 2400Z 20 Feb	160 – 10 Meters CW Only	DXCC Entities	RST, State
CQ Wide World 160-Meter Contest	2200Z 25 Feb 2200Z 27 Feb	160 Meters Only Phone Only	Anyone, Anywhere	RST, S/P/C
REF (French) Contest	0600Z 26 Feb 1800Z 27 Feb	80 – 10 Meters Phone Only	Stations in France and French Territories	RST, serial
UBA (Belgian) Contest	1300Z 26 Feb 1300Z 27 Feb	80 – 10 Meters CW Only	Anyone, Anywhere	RS, serial
North American QSO Party	1800Z 26 Feb 0600Z 27 Feb	80 – 10 Meters RTTY Only	Stations in North American entities and Hawaii	Name, S/P/C

*Legend:* Serial = Sequential number of contact; S/P/C = State, Province, DXCC Entity  
From ARRL "Contest Corral," February 2011 QST, WA7BNM Contest Calendar

### -- BLEAK FORECAST FOR CYCLE 24 --

Current prediction for the next sunspot cycle maximum gives a smoothed sunspot number **maximum of about 59** (*emphasis added*) in June/July of 2013. We are currently two years into Cycle 24 and the predicted size continues to fall with every forecast update.



Predicting the behavior of a sunspot cycle is fairly reliable once the cycle is well underway (about 3 years after the minimum in sunspot number occurs [see [Hathaway, Wilson, and Reichmann Solar Physics; 151, 177 \(1994\)](#)]). Prior to that time the predictions are less reliable but nonetheless equally as important. Planning for satellite orbits and space missions often require knowledge of solar activity levels years in advance.

A number of techniques are used to predict the amplitude of a cycle during the time near and before sunspot minimum. Relationships have been found between the size of the next cycle maximum and the length of the previous cycle, the level of activity at sunspot minimum, and the size of the previous cycle.

See **Cycle 24**, page 5

**Minutes**, from page 2

sion, Conrad Owens-WA3RRS so moved, seconded by Bruce Brown-WA8IQF, and passed. This will require amendment of the Bylaws.

- 6) Dues Payment Grace Period – The officers have recommended that the current 3-month grace period (until 31 March) be reduced to two months. Bob Avrutik-N1RA so moved, seconded by Bob Sulenberger-K1RCS, and passed. This will require amendment of the Bylaws.
- 7) 50/50 Drawing – The officers have proposed that the price be fixed at four tickets for \$2. Following discussion, Peter Pesa-N4RD so moved, seconded by Bruce Brown, and the proposal was defeated.
- 8) Raffle of Surplus Club Property – The officers have proposed that a monthly raffle be initiated. Following discussion it was evident that the members had no interest in this proposal, and it was dropped.
- 9) Mini Hamfest – The officers have proposed that a tailgate event be initiated. Following discussion, this proposal was tabled.
- 10) Annual Dues – The officers have recommended that the annual dues be increased to \$25. This would include a monthly \$5 prize drawing for paid-up members. Following discussion, Mike Hickey-NY4P so moved, seconded by Dave Schoenthaler-K0HBQ, and passed on a show of hands. The increase will go into effect 01 March 2011.

**COMMENTS FROM THE FLOOR** – Bob Avrutik-N1RA commented that tickets to the Orlando HamCation 11-13 February cost \$12 at the gate, but are \$10 if purchased in advance, and he wondered if there was interest in the purchase of a group of tickets. A show of hands indicated a number of members are interested in attending the event, and Stew advised them to contact Bob.

Martha Ann Achroyd-KJ4IFJ expressed gratitude to Jon Hamlet-W4ZW, Dave Brandenburg-K5RQ, and other TARC members for their past support of the Pine View School ARC. She then reported that most members of the PVSARC have now graduated and are off to college. She now has sparked the interest of some younger students in electronics by having them construct

robot kits. As they whet their interests, she plans to then introduce them to ham radio.

Andy Durette-KB1HIP offered to work on an update of the TARC brochure, and was promised a copy of the current brochure.

**ADJOURNMENT** – A motion to adjourn at 7:30 PM was made by Dave Witt-WD9W, seconded by Lois Marlatt-VE3CME, and passed. There were 21 members present.

Jack Sproat-W4JS

Secretary

**Cycle 24**, from page 4

Among the most reliable techniques are those that use the measurements of changes in the Earth's magnetic field at, and before, sunspot minimum. These changes in the Earth's magnetic field are known to be caused by solar storms but the precise connections between them and future solar activity levels is still uncertain.

The most active Sunspot Cycle on record was Cycle 19. That cycle peaked from November 1957 to March 1958 with an averaged daily smoothed sunspot value of 201. Comparing Cycle 19 with the forecast peak of Cycle 24 is rather like comparing a Clydesdale horse with a Chihuahua dog!

(See the following web site for more info:  
<http://solarscience.msfc.nasa.gov/predict.shtml>)

**-- VP8ORK-SOUTH ORKNEY ISLANDS --**

From 27 January to 07 February the multinational Micro-Lite Penguins DXpedition Team put VP8ORK on the air from Signy Island in the South Orkney Islands group. Ranked #11 Most Needed Worldwide, it ranks #28 Most Needed on the East Coast of North America.



Shown above is the British biological research  
See **VP8ORK**, page 6

**VP8ORK**, from page 5

station on Signy Island built in 1947 by the British Antarctic Survey. The islands are also claimed by Argentina as part of the province of Tierra del Fuego, and the Argentine Navy has maintained a permanent base on Laurie Island since 1904. Argentina also maintains the Orcadas meteorological station on Laurie Island. Both stations are in service by the respective countries. Apart from base personnel, there are no inhabitants on these islands.

The islands, located approximately 60.5 deg. South and 45.5 deg. West, were discovered in 1821 by two sealers. The climate of the South Orkneys is generally cold, wet, and windy. Summers are short and cold (December to March) when the average temperatures reach about 2 °C (36 °F) and fall to about -10 °C (14 °F) in winter (i.e., in July). The nearest port is Ushuaia, Argentina, whence the Dxpedition team sailed on the MS *Braveheart*.



With the MS *Braveheart* anchored off shore, the VP8ORK team scouts for the site for their operations.



Erection of one hut begins. The team had practiced assembling these arctic weather-

resistant huts before they were packed for shipment from the USA to Argentina.

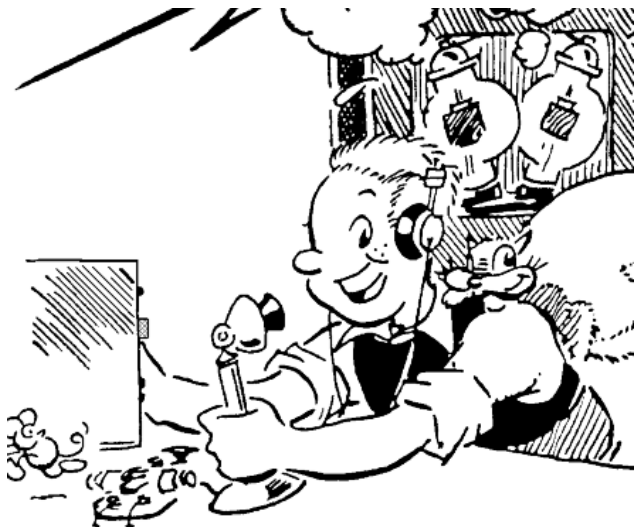


One of the shelter huts completed and ready for use by the team.



The construction work and antenna erection completed, VP8ORK is definitely on the air!!

(Historical background and Signy Island photo courtesy of Wikipedia; VP8ORK photos courtesy of their web site, <http://vp8o.com> )



# February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Breakfast @ Peach's, ± 7:30 AM	2 QCWA Lunch, 11:30 AM @ Denny's in Sarasota TARC DX Net, 8 PM, W4AC Repeater	3 TARC Emergency Net @ 7:30 PM, W4AC Repeater 146.805	4 Breakfast @ Peach's, ± 7:30 AM	5
6	7	8 Breakfast @ Peach's, ± 7:30 AM <b>TARC Meeting @ 6 PM, Knights of Columbus Hall</b>	9 TARC DX Net, 8 PM, W4AC Repeater 146.805	10 TARC Emergency Net @ 7:30 PM, W4AC Repeater 146.805	11 Breakfast @ Peach's, ± 7:30 AM <i>Orlando HamCation</i>	12 TARC VE Session @ 10:00 AM, Venice Public Library <i>Orlando HamCation</i>
13 <i>Orlando Hamcation</i>	14 DARN Emergency Net @ 11 AM Starts on W4AC repeater 146.805	15 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	16 TARC DX Net 8 PM, W4AC Repeater 146.805	17 TARC Emergency Net @ 7:30 PM, W4AC Repeater 146.805	18 Breakfast @ Peach's, ± 7:30 AM	19 <i>Sebring Hamfest</i>
20	21	22 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	23 TARC DX Net, 8 PM, W4AC Repeater 146.805	24 TARC Emergency Net @ 7:30 PM, W4AC Repeater 146.805	25 Breakfast @ Peach's, ± 7:30 AM	26
27	28					

NOTE: If the W4AC Repeater is inoperative, nets scheduled for activity on the repeater will be held on the simplex frequency of 146.580 MHz. 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 @ \$15.00/year \_\_\_\_ , Family Membership @ \$20.00/year\_\_\_\_, Non-Voting Student Membership @ \$5.00/year\_\_\_\_ . (New Regular Members joining after 30 June pay \$8.00 for remainder of calendar year. \$15.00 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

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*The Communicator* is a monthly publication  
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Editor: Jack Sproat-W4JS  
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2011 TARC Officers

President: Stew Haag-W4MO  
V. President: Bruce Brown-WA8IQF  
Secretary: Jack Sproat-W4JS  
Treasurer: Don Jansen-KI4VGE  
Directors: Konrad Owens-WA3RRS  
Peter Pesa-N4RD  
Fred Lathwood-KJ4TNI  
Bob Avrutik-N1RA