



# ARASWF

## Newsletter



Vol. MMXVI No. 4 - The Journal of the Amateur Radio Association of Southwest Florida  
April 15, 2016

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The next Club Meeting will be held April 26<sup>th</sup> at 7:00pm  
at the Red Cross - 2610 Northbrooke Plaza Drive - Naples, FL

## Nickels & Dimes

While the annual snowbird migration north has commenced a little early this season, our Club activities are just about to hit the full stride for the year. Field Day is still some time away and it's not too soon to start making some early preparations. However, before we focus on the last weekend in June, we have the Florida QSO Party scheduled later this month, and a new DX outing planned in May to Little Macro Island. We also have a new DMR repeater slated for installation between now and summer break.

First up, Mark-AC4ZM will lead the Florida QSO Party this year. It is historically held the last weekend in April with two ten hour operating slots, commencing noon on Saturday April 30<sup>th</sup> until 10pm and the second slot beginning Sunday May 1<sup>st</sup> 8am until 2pm. This event will be held at the Red Cross where we have for the past several years won the Top Florida Club category in this Florida Contest Group sponsored event. Sharpen up your operating skills and plan to help Mark make this another successful effort.

Next chronologically is the Little Macro Island Activation Outing. The US Islands Awards Program has assigned a unique designator (FL-527) for this 'new' Island and it's ours for the taking. We are launching a team effort May 14<sup>th</sup> to the island and will setup a multi-op portable station. We need at least 25 contacts logged to claim the Island for posterity. Details are included in this month's Newsletter. Please let me know if you are interested... this is not a free ticket to paradise nor a social event, but rather a serious effort to work as many contacts as possible.

Great news, an anonymous benefactor has donated a DMR repeater to the Club and a few dollars to offset the installation costs. The Club has voted to match the donation and install this new repeater at the Marbella site later this season.

As 'makers' and hobbyists, we like to experiment with different technologies and equipment. Hopefully this new repeater and operating mode will attract and garner a few new members. Stay tuned for more information.

All this activity leads us to the biggest ARASWF event of the year... Field Day 2016!

Larry-KC8JCB will again lead operations this year and Field Day will be held at the Red Cross. This location helps foster our relationship with the RC and affords us protection from the unpredictable summer elements. Details are still being developed, mark your calendars for June 25-26<sup>th</sup>, and plan to get involved!

Hope to see you all at the meeting April 26<sup>th</sup>...

Ken-W9KB  
ARASWF Secretary/Treasurer

## **ARASWF Board Meeting Minutes**

March 15, 2016

Present:

Uli Altvater-AG0X, Mark Harms-AC4ZM, Craig Henning-NC2H, and Larry Kielasa-KC8JCB

❖ President's remarks – Uli will be out of town for the next club meeting. Frank-W4RBW will chair the March 22<sup>nd</sup> meeting.

❖ Treasurer's report – Treasurer's report was reviewed and accepted

### ❖ Old Business

- Marbella Site Update – Uli is working on this
- 147.030 Machine – Uli has a box for connecting to the internet. Larry's tower will be available sometime in the summer
- Website – Craig reported no issues. Uli will give Craig some information for more area repeaters that should be listed
- EmComm – Mark reported that the CERT exercise is scheduled for Mar 19<sup>th</sup>.
- VE Testing – Mark reported that VE testing will continue through the summer

### ❖ New Business

- A new DMR repeater was donated for Marbella. The board voted \$200 for new cans to match available donations
- BES antenna was discussed. The board agreed that the Pro-Com antenna is the best option and Uli will recommend this to "Dan Summers
- Field Day was discussed. Larry will lead. We will use the same format as last year. We will not have raffle tickets, but will ask for donations.
- NPOTA was discussed. Because of the \$100 park use fee, we will not participate. We will participate in IOTA instead
- Advertising for a social get together with area hams was discussed
- Mark and Larry will organize summer lunch meetings and invite area hams
- Christmas Party was discussed. It was agreed that last year's party was very well received and Ken will be asked to make the same arrangements for this year.
- Craig put the club Information into the Naples Daily News. Craig will get the contact at Naples Daily News from Ken to verify that the information was received.

❖ Next Board Meeting

- April 19, 2016

❖ Work Assignments

- Uli to continue Marbella site work
- Larry to get tower installed to facilitate 147.030 internet link
- Craig to add additional area repeaters to web site
- Uli to coordinate obtaining duplexer for Marbella site
- Uli to make antenna recommendation to Dan Summers
- Larry will lead Field Day
- Mark and Larry to coordinate Summer Lunch Meetings
- Ken will be asked to make the arrangements for the Christmas Party using last year as a guide
- Craig will put club information into Naples daily News

❖ Closing Thoughts

- Meeting adjourned due to time constraints

Respectfully Submitted

Larry Kielasa – KC8JCB  
ARASWF Director

# Amateur Radio Association of Southwest Florida

Regular Membership Meeting held at the Naples American Red Cross.  
Tuesday, March 22, 2016

Officers and  
Directors present: Frank Halas – W4RBW  
Ken Bills, W9KB – Secretary/Treasurer  
Mark Harms, AC4ZM – Director  
Larry Kielasa, KC8JCB – Director  
Dave Ducett, WB8VQU – Director  
Craig Henning, NC2H - Webmaster

Absent: Uli Altvater, AG0X – President  
Gary Lee, K8YMN – Director

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**Meeting called to order:** Frank-W4RBW called the meeting to order and opened it with the Pledge of Allegiance.

**Introduction:** All attendees were introduced by name and call sign. Thirty members were present and five guests (two joined).

**Treasurer's Report:** Ken-W9KB reported that Club checking balance was \$4,193.39, with no incurred expenses and \$50 dues revenue. Most all of the members have renewed for calendar year 2016. The roster becomes fixed April 1<sup>st</sup>.

**Old Business:** Larry-KC8JCB reported that a DMR repeater was donated to the Club along with partial funds for a set of duplexers. The Board approved \$200 matching funds to complete the purchase. This new repeater will be likely added at the Marbella site.

Craig-NC2H reported that he made minor website updates this past month, including a few new photos and updates to the new calendar feature. Members should reference the website for upcoming activity dates.

Mark-AC4ZM reported that the Greater Collier CERT exercise scheduled for March 19<sup>th</sup> was cancelled due to inclement weather and potential lightening. It will be rescheduled, however, a date has not been set yet.

The next EmComm meeting will be held Tuesday April 12<sup>th</sup> at 7:00pm at the Red Cross. Mark also mentioned there will be an opportunity to tour the Collier County EOC facility in May, exact date TBD.

Mark-AC4ZM reported we had three candidates test this month and pass.

**New Business:**

There was considerable discussion about the ARRL National Parks On-the-Air (NPOTA) program. There are suggested guidelines and antenna height restrictions. If you plan to operation, check with the Park Ranger before setting up a portable station. Most reported operations are mobile (self-contained) setups from campsites or parking lots.

Ken-W9KB reported that Club plans to activate Little Macro Island (FL527) on May 14<sup>th</sup>. At least twenty-five contacts must be made, prior to qualification. Once qualified the US Island designator FL527 may be exchanged as part of the QSO. Detail information and times will be provided next month. If you have a boat and would like to join the activation flotilla, please contact [w9kb@arrl.net](mailto:w9kb@arrl.net).

Mark-AC4ZM volunteered to lead the Florida QSO Party this year, which is scheduled for the last weekend in April (April 30). More details will be provided next month, check out <http://www.floridagsoparty.org/> for a head start.

50/50 Raffle was won by AK4QP (\$51 - Trivia fans this was the same amount as last month)

**Presentation:** Dr. Al Torres – KP4AQI gave a very informative and mind-stretching lecture on “Fractal & Metamaterial Antennas”. Dr. Al began with examples of common occurrence fractals to provide an analogy for understanding complex fractal antennas. These antennas provide the performance of full size antenna at a fraction of their full size. That said, they are not random shapes, but complex designs inspired by nature. He built and demonstrated a 2m fractal antenna that was used to contact our local repeater. Dr. Al also described cutting edge metamaterials which slow the speed of electro-magnetic waves, which allow elements to be reduced in length without a typical decrease in radiation efficiency.

This was his final lecture of this season. He will be returning to Dayton shortly and we wish him safe travels and look forward to next year’s presentations. Thanks, Dr. Al...

**Adjourn:** Motion to adjourn meeting at 9:10 p.m. made and seconded. Motion passed by all present.

Respectfully submitted,  
Ken-W9KB, Secretary

## Contest Calendar

### April 2016

+ Holyland DX Contest	2100Z, Apr 15 to 2100Z, Apr 16
+ TARA Skirmish Digital Prefix Contest	0000Z-2359Z, Apr 16
+ ES Open HF Championship	0500Z-0859Z, Apr 16
+ CQ Manchester Mineira DX Contest	1200Z, Apr 16 to 2359Z, Apr 17
+ Michigan QSO Party	1600Z, Apr 16 to 0400Z, Apr 17
+ Ontario QSO Party	1800Z, Apr 16 to 1800Z, Apr 17
+ YU DX Contest	2100Z, Apr 16 to 1700Z, Apr 17
+ Run for the Bacon QRP Contest	0100Z-0300Z, Apr 18
+ 10-10 Int. Spring Contest, Digital	0001Z, Apr 23 to 2359Z, Apr 24
+ SP DX RTTY Contest	1200Z, Apr 23 to 1200Z, Apr 24
+ Helvetia Contest	1300Z, Apr 23 to 1259Z, Apr 24
+ SKCC Sprint	0000Z-0200Z, Apr 27
+ Florida QSO Party	1600Z, Apr 30 to 2159Z, May 1

### May 2016

+ AGCW QRP/QRP Party	1300Z-1900Z, May 1
+ 10-10 Int. Spring Contest, CW	0001Z, May 7 to 2359Z, May 8
+ ARI International DX Contest	1200Z, May 7 to 1159Z, May 8
+ SKCC Weekend Sprintathon	1200Z, May 7 to 2359Z, May 8
+ 7th Call Area QSO Party	1300Z, May 7 to 0700Z, May 8
+ Indiana QSO Party	1600Z, May 7 to 0400Z, May 8
+ Delaware QSO Party	1700Z, May 7 to 2359Z, May 8
+ New England QSO Party	2000Z, May 7 to 2400Z, May 8
+ VOLTA WW RTTY Contest	1200Z, May 14 to 1200Z, May 15
+ CQ-M International DX Contest	1200Z, May 14 to 1159Z, May 15
+ FISTS Spring Unlimited Sprint	1700Z-2100Z, May 14
+ Run for the Bacon QRP Contest	0100Z-0300Z, May 16
+ His Maj. King of Spain Contest, CW	1200Z, May 21 to 1200Z, May 22
+ Baltic Contest	2100Z, May 21 to 0200Z, May 22
+ SKCC Sprint	0000Z-0200Z, May 25
+ CQ WW WPX Contest, CW	0000Z, May 28 to 2400Z, May 29



## **NEW MEMBER ALERT**

**Please welcome our recently minted  
and upgraded members**

**KD2KTX**

**KM4SRL**

**KM4SXE**

**Technician**

**General**

**Technician**

**Leo Harrling**

**Harris Graham**

**Tom Genick**

Amateur License Exams  
Monthly, 4th Tuesday, 5:30 pm  
No December Exam  
American Red Cross  
2610 Northbrooke Plaza Drive  
Naples, FL  
Mark Harms  
[AC4ZM@ARASWF.ORG](mailto:AC4ZM@ARASWF.ORG)



**ARRL**  
**VEC**







## The Florida QSO Party

16:00Z April 30 through 01:59Z May 1<sup>st</sup> and 12:00Z though 21:59Z May 1, 2016

We're having a party, and you're invited! Be sure to mark your calendar and join in the fun of the next Florida QSO Party. Visit the other pages on this Web site for rules, results, records, and more information.

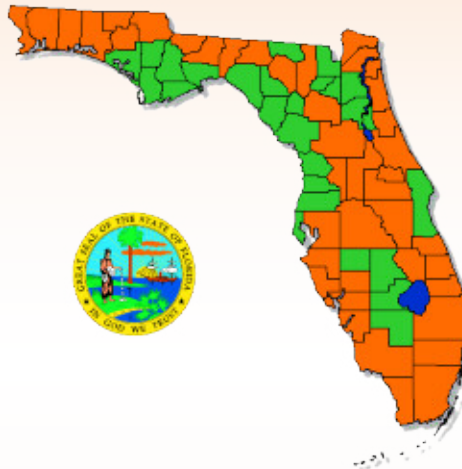
Since the re-introduction of the Florida QSO Party to the contest scene in 1998, the Florida QSO Party has become one of the fastest growing and most popular State QSO Parties around today. This is due, in part, to the tremendous effort by the mobile teams to activate as many counties as they can in order to allow those participating from out-of-state, to achieve a county "Sweep" (working all 67 Florida Counties). Florida stations operating from home are also valuable, since that increases the chances that stations will work all counties!

Regardless if you are a serious or casual participant ... from Florida, or from outside of Florida ... the Florida QSO Party was designed to be a FUN operating event. Why not give it a try?

A reminder for Home stations (both in and outside Florida), please do not call CQ or "run" stations in the "Mobile window". This window is for mobile stations only. Frequencies to avoid, are:

CW 7.025-7.035, 14.040-14.050, 21.040-21.050, 28.040-28.050 MHZ

SSB 7.180-7.190, 14.265-14.275, 21.340-21.350, 28.480-28.490 MHz





## New US Island Activation

- Have you ever wanted to activate a new DX entity?
- Travel miles to a *most wanted* island by sea?
- Work heavy, deep, pileups for hours on end?
- Risk life and limb to make thousands of contacts?

Well here's your opportunity... minus risk to life and limb, deep pileups, and thousands of dollars in travel costs.

May 14<sup>th</sup> we will departure from Walker's Hideaway of Naples bound for US Island FL257, or more commonly known as "Little Marco Island".

We will travel miles south on light choppy waters to LMI and operate *picnic style* – setting a few rigs with temporary antennas, having lunch, and returning to dockside by late afternoon.

This operation is not for dolphin watchers, tourists, nor the faint of heart, but rather serious operators willing to cope with summer weather conditions, mosquitoes, and those pesky no-see-ums.

If this sounds like your kind of outing, please contact me to arrange your travel VISA and health check-ups.

Detail travel arrangements will be made available to those willing to make the trip.

Still interested?

Contact:

Ken-W9KB

w9kb@comcast.net





Little Marco Island



WALKER'S  
**Hideaway**  
MARINA  
OF NAPLES



## National Parks on the Air Update



Thanks to the ARRL IT Department, there are now daily updates to the National Parks on the Air ([NPOTA](#)) activity statistics. The new statistics are listed on the NPOTA Leader board page. There, you can find info on the number of parks activated, total number of NPOTA activations, and number of QSOs per NPOTA unit. As of April 6, more than 240,000 NPOTA contacts had been confirmed in Logbook of the World, from nearly 3400 activations since January 1. The California National Historic Trail has hosted 4115 QSOs, more than any other NPOTA

unit.

There are 47 Activations on the NPOTA calendar for April 7-13, including Cesar Chavez National Monument in California, and Pictured Rocks National Lakeshore in Michigan. [Details](#) about these and other upcoming activations can be found on the NPOTA Activations calendar.

Sean Kutzko, ARRL Media and Public Relations Manager, notes that depending on the size of a given operation, participants may need to secure a special-use permit. "This may take some time," he said. "It's possible the answer will be 'no.' Be mindful of the size and sensitivity of the NPS unit you want to activate, and be realistic about your plans." NPOTA Activators will need to follow all NPS rules in whatever unit they activate. In general, the more portable and compact your station is, and the more creative and adaptable your plans are, the greater your chances of success. While there is no formal partnership between NPS and ARRL for this event, the League has been in discussions with the NPS over the past year, and it is aware that increased Amateur Radio activity in their parks is likely during 2016. "A member of our contest club contacted the NPS at the Congaree National Park and got the following reaction.

"It is the actual broadcasting that will require the [special use] permit. Below is what I found on the ARRL.org site. Please understand that we would love to have you here broadcasting the park and we are especially excited to have you promote the Centennial of the National Park Service. Broadcasting on the air within the park would take place within areas of visitor usage, especially when you need access to electric. It may be easier to tuck a broadcaster away in a park like Yosemite than in a small battlefield park like Cowpens. Any such operations do require a [special use] permit. I am happy to help you if you need anything further.

You may also reach me at 864-461-2828.

Thanks, Margo"

This is what the ARASWF is all about:

## *Hams helping Hams!*

I would like to thank the following ARASWF members that helped with my antenna project: Mitch-K7DX, Larry-KC8JCB, Rich-K4AOR, Al-KM4QYL, and Dave-N4DSB.

This team did a great job resolving my antenna issues. Dave and Larry did most of the heavy lifting and tower work with the help of a rented manlift, which made the project a little easier and much safer. They removed the damaged Mosley TA-33, lowered it to the ground, and placed it across two ladders for repair work. I had originally planned to install a donated Mosley CL-36M, however, it was too big for my tower and location. Instead, it was decided to repair the old antenna. The storm damaged elements were straightened, cleaned, and tightened prior to reinstallation.

After the antenna was reinstalled, Mitch measured the SWR with his analyzer. Bad news- it was not within the acceptable range, so up the manlift he went to secure and verify connections. With a few adjustments, Mitch brought the SWR back within the acceptable range.

After the team departed, I performed some "on-the-air" tests and made contacts on all my usual operating bands and antennas. At the end of the day, it was indeed a successful "Antenna Party".

Again, I would like to thank the team that performed all the physical work, as well as those members who provided the helpful tips along the way.

73

Harry-KD4JMV

4/3/2016





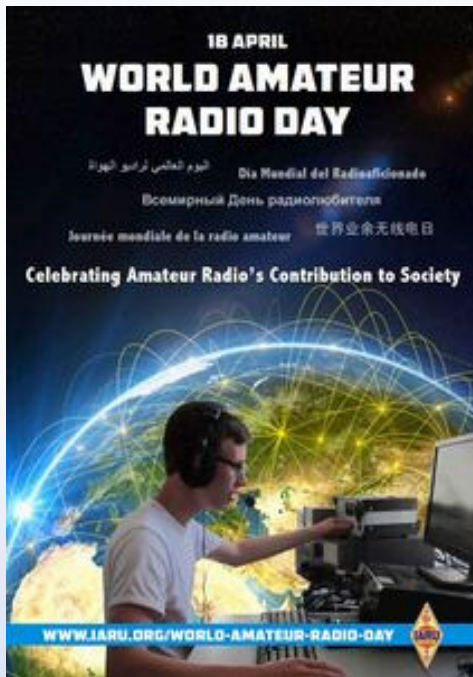
# 2016 World Amateur Radio Day

World Amateur Radio Day (WARD), observed every April 18, marks the founding of the International Amateur Radio Union (IARU) in 1925. As they do every year, radio

amateurs worldwide will take to the airwaves to celebrate Amateur Radio's contribution to society.

"April 18 is the day for all of Amateur Radio to celebrate and tell the world about the science we can help teach, the community service we can provide, and the fun we have," the IARU said in announcing World Amateur Radio Day 2016. "We hope you will join in the fun and education that is World Amateur Radio Day!"

Amateur Radio experimenters were the first to discover that -- far from being a wasteland -- the shortwave spectrum could support worldwide propagation. In the rush to use these shorter wavelengths, Amateur Radio was "in grave danger of being pushed aside," the IARU's history has noted. Amateur Radio pioneers -- ARRL co-founder Hiram Percy Maxim, 1AW, among them -- met in Paris in 1925 and created the IARU to support Amateur Radio worldwide.



As Maxim and his counterparts envisioned, the IARU is an international confederation of national Amateur Radio organizations that allows a forum for common matters of concern and collectively represents matters to the International Telecommunication Union (ITU).

Just 2 years later, at the International Radiotelegraph Conference, Amateur Radio gained several allocations still recognized today -- 160, 80, 40, 20, and 10 meters. Since its founding, the IARU has worked to defend and expand the frequency allocations for Amateur Radio.

From the 25 countries that formed the IARU in 1925, the IARU has grown to include 160 member-societies in three regions. IARU Region 1 includes Europe, Africa, the Middle East, and Northern Asia. Region 2 covers the Americas, and Region 3 is comprised of Australia, New Zealand, the Pacific island nations, and most of Asia. The ITU has recognized the IARU as representing the interests of Amateur Radio.

Today, Amateur Radio is more popular than ever, with over 3,000,000 licensed operators!

Groups should promote their WARD activity on social media by using the hash tag #WARD2016 on Twitter and on Facebook. The IARU will list all WARD activities (scroll below the announcement). To have your WARD activity listed, e-mail ARRL Media and Public Relations Manager Sean Kutzko, KX9X.

## Noisy LED Lights

Here are a few steps that hams can take to at least avoid (or minimize) the instances of having the RFI problem in your shack:

1. When buying any LED lighting bulbs or fixtures, make certain that you can return it if not satisfied (interfering with radio reception counts as "not satisfied" in my book).
2. Collect make, model, and name of retailer from whom purchased and send this info to your ARRL section Technical Coordinator (if you have one) or to the attention of the ARRL lab staff at ARRL HQ, in Newington.
3. Document the problem as much as possible (bands/frequencies affected, relative strength), but don't forget to include info on your antennas (type, distance between the offending light and the affected antenna, and so forth). Remember, in almost all cases, the problem is not that the noise couples into the radio, it is that the noise couples onto your antenna. If you are not certain, disconnect the antenna right at the connector on the radio and put a 50 ohm termination in its place. If the noise goes away, then antenna coupling is the problem. If you still do have noise, then the problem may be coupling via the power cord and/or other wiring (mic cable, remote speaker, computer interface, etc.).

As for the FCC taking steps to reduce this issue - LOTSA LUCK! If it is found that a given importer is bringing in lights and/or power supplies that are non-compliant, they may go after those and confiscate them. Maybe. However, be advised that FCC allowable emissions in the HF range are mostly uncontrolled - they target the spectrum above 30 MHz for control much more than HF and below. The manufacturers spend mucho \$\$\$ in convincing FCC that doing any suppression below 30 MHz is not necessary and would have limited effect. Now, if a few **million** hams were to file complaints, maybe something would happen, maybe.

Best bets:

- A. Don't buy LED lights or fixtures unless you can return them. If noisy, take 'em back and try another brand or model.
- B. Keep your HF antennas as far away as possible from the house/shack and the associated AC power wiring ("antennas"). Antennas that are mounted on or adjacent to the house are too close - move them out and away if you can.
- C. Be brave and put your tech capabilities to work: hey, LEDs are just diodes. The problems are from noisy switching power supplies and/or the special current mode driver chip used for some LED lights. So, deep six the switching power supplies and replace with linear supplies. (Oh no, you might have to MAKE a linear power supply! Horrors! It is NOT rocket science to do so. Get busy, find circuits, buy parts.) You might even have to toss the current

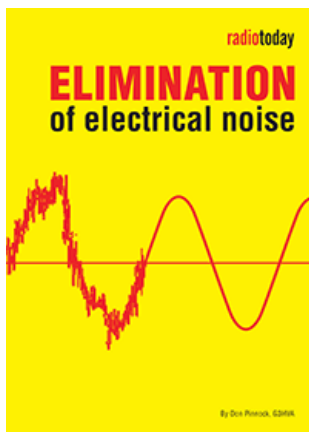


mode driver chips and replace with analog/linear drivers (toasty, but clean). Yes, one of my consulting clients took his 95% efficient LED overhead light strips in his work shop and powered them from an Astron linear power supply, then used homebrew pass transistors in each fixture to set the current for the string of LEDs. More heat, no noise, net efficiency probably about 30%. Yes, warranty null and void, but so was the noise.

Com'on guys - this is ham radio. Be creative.

Good luck. Let this group know what works and which LEDs are disasters.

73, Dale  
WA9ENA  
E-N-A Systems, LLC



Here are a few more articles...

<http://www.ledbenchmark.com/faq/LED-interference-issues.html>

<http://www.leapfroglighting.com/led-lamps-interfering-with-radio-transmissions/>

<http://www.emcrules.com/2011/07/radio-interference-from-led-lighting.html>

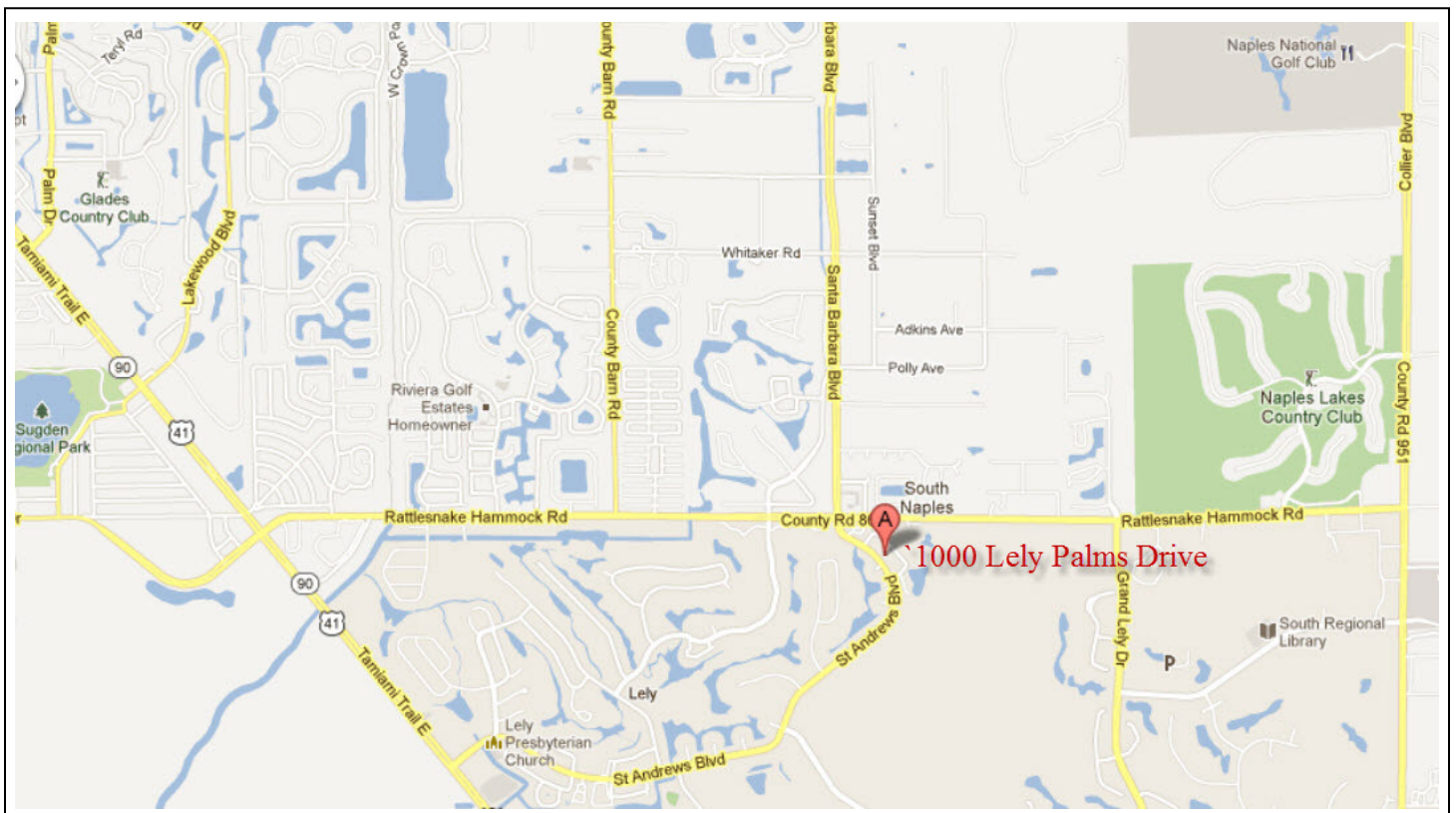


**Royal Palm Chapter 152 meets every second Thursday of the month**

at the Lely Palms Manor, Next Luncheon Meeting: April 14<sup>th</sup> at 12:15 pm

1000 Lely Palms Blvd.

Naples, FL 34114



Next Month - May 12<sup>th</sup> @ 12:15 pm

**AMATEUR RADIO ASSOCIATION  
OF SOUTHWEST FLORIDA, INC.**

**MEMBERSHIP APPLICATION**

I hereby petition the officers and members of the AMATEUR RADIO ASSOCIATION OF SOUTHWEST FLORIDA, INC. for membership. I attest that I hold a current FCC issued Amateur Radio License, and that I will follow legal procedures and protocol, and conduct myself in a manner that will further Amateur Radio.

**NAME:** \_\_\_\_\_ **CALL:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_ **EMAIL:** \_\_\_\_\_

**LICENSE CLASS:** \_\_\_\_\_ **ARRL MEMBER:** ☐ YES ☐ NO

**HAVE YOU EVER PREVIOUSLY BEEN A MEMBER OF ARASWF** ☐ NO ☐ YES - Year \_\_\_\_\_

**SPOUSE'S NAME:** \_\_\_\_\_

**SPOUSE'S CALL (If Applicable):** \_\_\_\_\_ **SPOUSE'S LICENSE CLASS:** \_\_\_\_\_

**OUT OF AREA ADDRESS (If Applicable):** \_\_\_\_\_

\_\_\_\_\_

**OUT OF AREA PHONE (If Applicable):** \_\_\_\_\_

This Application must be filed prior to the Membership Business Meeting at which time action will be taken. It is not mandatory that the applicant be in attendance.

The Membership Business Meetings are held the fourth Tuesday of every month at 7:00 PM (except June, July, August and December) at the American Red Cross Building at 2610 Northbrooke Plaza Drive, Naples, Florida.

The ARASWF Newsletter is distributed monthly by e-mail prior to the monthly Membership Business Meeting and contains meeting dates, location and other information, and will be sent to the e-mail address indicated on this Application. If you do not have an e-mail address, the please notify us and request that the Newsletter be sent to you via U.S. Mail.

Please mail this Application with a copy of your Amateur Radio License and a check or money order in the amount of \$25.00 (annual membership dues), to the ARASWF at the address below. Paid membership is valid for one calendar year. If a new member's Application is dated after July 1<sup>st</sup>, the annual membership dues are one-half the annual dues amount, and a check or money order in the amount of \$12.50 should accompany this application.

Please make checks or money orders payable to "Amateur Radio Assn. of Southwest Florida", or to "ARASWF".

**Amateur Radio Assn. of Southwest Florida  
P.O. Box 111604  
Naples, FL 34108**



## Amateur Radio Emergency Service®

### ARES® Registration Form

Name:	
Call Sign:	
Mailing Address:	
City, State, ZIP code:	
e-mail address(es):	
Home phone number:	
Work phone number:	
Cell phone number:	
License Class:	

Check bands and modes that you can operate:

MODE	HF	6 meters	2 meters	222 MHz	440 MHz	Others	
SSB							
CW							
FM							
DATA							
PACKET							
Other modes (specify below)							
Mobile Operation							

Can your home station be operated without commercial power? Yes [ ] No [ ]

Signature \_\_\_\_\_ Date \_\_\_\_\_

Contact ARES® and ARRL Section Leaders in your area: [www.arrl.org/sections/](http://www.arrl.org/sections/).

Learn about ARRL-sponsored Amateur Radio Emergency Communications Courses:

[www.arrl.org/online-course-catalog](http://www.arrl.org/online-course-catalog)

## Club Information

Next Meeting Time: April 26<sup>th</sup> @ 7:00PM

Meeting Location:  
American Red Cross  
2610 Northbrooke Plaza Drive  
Naples, FL

Club Repeaters:

- ARASWF FM - WB2QLP 146.670 mHz (-600 kHz) PL 136.5 HZ
- ARASWF D-Star – AA4PP 145.490 mHz (-600 kHz)/441.5 mHz (5.0kHz)
- ARASWF EmComm – K4YHB 147.030 mHz (+600 kHz)

2015 Club Officers:

President: Uli Altvater – [AG0X@araswf.org](mailto:AG0X@araswf.org)  
Vice President: Frank Halas – [W4RBW@araswf.org](mailto:W4RBW@araswf.org)  
Secretary/Treasurer: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Director: Dave Ducett – [WB8VQU@araswf.org](mailto:WB8VQU@araswf.org)  
Director: Mark Harms – [AC4ZM@araswf.org](mailto:AC4ZM@araswf.org)  
Director: Larry Kielasa – [KC8JCB@araswf.org](mailto:KC8JCB@araswf.org)  
Director: Gary Lee – [K8YMN@araswf.org](mailto:K8YMN@araswf.org)  
Newsletter Editor: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Webmaster: Craig Henning – [NC2H@araswf.org](mailto:NC2H@araswf.org)

Club Website:

<http://www.araswf.org>

Visit  
the



**Amateur Radio Association  
of Southwest Florida, Inc.**

**Web Site**

**www.araswf.org**