



ARASWF

Newsletter



Vol. MMXVII No. 3 - The Journal of the Amateur Radio Association of Southwest Florida
March 23, 2017

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-

The next Club Meeting will be held March 28th at 7:00pm
at the Red Cross - 2610 Northbrooke Plaza Drive - Naples, FL

Nickels & Dimes

March, as they say up north, comes in like a lion, *and goes out like a lamb...*

From my perspective, that was certainly true. An unexpected death in my family, prompted a trip back to Michigan, it was depressing, cold, and gray for a week... no doubt as to why we live in Naples. The weather here is beautiful and the forecast looks the same almost every day.

I missed the February QCWA lunch, two trivia nights at Foxfire, and several meetings. The good news... all my ARASWF assignments were picked up by fellow Board members.

Larry-N4LAK secured Veteran's Park for the April Social Outing discussed at last month's meeting. No fooling, it will be held April 8th. Details included in this Newsletter.

Uli-AG0X and Craig-NC2H are leading a Collinear Antenna Build Workshop sometime in April. Craig-NC2H added a link on the homepage for members to order parts and feedline. Check out the link, located on the top of the homepage of the ARASWF website www.araswf.org - further details are included this month's Newsletter.

Uli-AG0X and Jim Carrender-K3AVR from the Marco Island Radio Club relocated the MIRC 146.850 MHZ (141.3 HZ PL) repeater to the County Barn site where our D-Star repeater is also located. This more central location and antenna height advantage, will allow greater HT communication between MIRC and ARASWF club members.

Next month, Mark-AC4ZM will lead an ARES field trip out to Everglades City to check out the 10th Annual Everglades Bike Ride. They will evaluate the routes and determine if the ARES team can provide radio support next year to supplement the SAG service already provided. There are some great food spots out in that neck of the swamp, so it should be a successful outing.

This year marks the 20th annual Florida QSO Party which is always scheduled for the last weekend in April. We will operate our Club station from the Red Cross for the FQSP weekend. This year the dates are Saturday April 29th (noon until 10pm), and Sunday April 30th (8am until 6pm). Please drop by and make a few contacts or work a few hours... all operators are welcome!

Dr. Al-KP4AQI will conclude this season's series of antenna theory and application lectures at our next meeting March 28th. Next Tuesday night, Dr. Al will discuss **Classical Modulations: The New Zero Bandwidth Concept**. Don't miss this last opportunity!

Lastly, the ARASWF Roster becomes fixed on April 1st, if you haven't paid your 2017 membership dues, please bring a check or cash to the next Tuesday's meeting as well.

Very 73,

Ken-W9KB

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|-------------------------------------------------------|
| Amateur Radio Association of Southwest Florida |
|-------------------------------------------------------|

**Executive Board Meeting held at Apollo, Naples, FL
Tuesday – March 21, 2017**

Present: Uli Altvater, AG0X – President
Frank Halas, W4RBW – Vice President
Larry Kielasa, N4LAK – Treasurer
Ken Bills, W9KB – Secretary
Mark Harms, AC4ZM – Director
Craig Henning, NC2H – Director
Gary Lee, K8YMN – Director
Chris Taylor, KM4UJI - Director

Absent: None

MEETING MINUTES

Meeting called to order: The meeting was called to order at 7:05 pm.

President's Report – Uli-AG0X welcomed group to his QTH.

Treasurer's Report – Larry-N4LAK reported the Club checking and PayPal balance was \$4,966.37. This included Oil Well Foods expenses (\$43.60), Antenna Trailer Tire, (\$104.94), and Veteran's Park Rental (\$106).

Old Business:

Repeater Updates: The Macro Island Radio Club (MIRC) and Uli relocated their 146.850 MHZ repeater to the County Barn site. This 'new' Naples repeater is an ICOM NXDN (Digital) and FM (141.3 HZ PL) type. Coverage is excellent throughout the area, given the height of the antenna.

Website Updates: Craig-NC2H reported that he has added a few minor updates, including a new application which scrolls the latest posts at the top of the ARASWF homepage.

EmComm Updates: Mark-AC4ZM reported that a small group of ARES members made a trip to the public location near the east Naples emergency shelter sites to evaluate coverage of the EmComm & Club repeaters using both HT's and base rigs with test antennas. They were able to successfully reach both repeaters.

VE Testing: Mark-AC4ZM expects a few new candidates at the next test session.

DMR-101: Mark- AC4ZM reported that (20) people attended the Saturday Workshop held February 25th at the Red Cross. Uli-AG0X will give a DMR-102 after the April meeting.

New Business:

Upcoming Events:

- Veteran's Park Social Outing – April 8th
- Florida QSO Party April 29-30th

There was some discussion about the antennas needed to support the FQSP and Field Day. A motion was made and approved to purchase a replacement balun for the portable Mosley Tri-bander).

Ken Bills-W9KB made a motion to make Larry Kielasa, N4LAK the acting/assistant Secretary in addition to his role as Treasurer, to better facilitate his role in handling the Club banking requirements. The motion was seconded by Uli Altvater-AG0X and was passed unanimously after discussing the benefits and merits.

Walk-In Items:

- Mark-AC4ZM and a small ARES team plan a trip to Everglades City to check out the Everglades Bike Ride Event and evaluate if they could effectively provide radio support for next year's event
- Chris-KM4UJI spoke about a potential Immokalee repeater site and will follow-up.
- Ken-W9KB suggested we poll the membership for an interest in a closed Facebook group for the ARASWF members.
- Mark-AC4ZM suggested the Board could attend a FMARC general meeting, potentially in May since there are five Tuesday's.

Next Board Meeting – April 18th (7pm at Uli's business QTH)

Adjournment: The meeting was adjourned at 8:45 pm.

Respectfully submitted,

Ken Bills-W9KB
Secretary

Amateur Radio Association of Southwest Florida

Regular Membership Meeting held at the Naples American Red Cross.
Tuesday, February 28, 2017

Officers and
Directors present:

Uli Altvater, AG0X – President
Frank Halas – W4RBW -Vice President
Larry Kiesala, N4LAK - Treasurer
Ken Bills, W9KB – Secretary
Mark Harms, AC4ZM – Director
Chris Taylor, KM4UJI - Director

Absent:

Gary Lee, K8YMN – Director
Craig Henning, NC2H - Director

Meeting called to order: Uli-AG0X welcomed the members and guests and called the meeting to order, followed by the Pledge of Allegiance.

Introduction: All attendees were introduced by name and call sign. Thirty-five members were present and three guests.

Treasurer's Report: Ken-W9KB reported that Club checking balance was \$5,000.94 including the Club PayPal balance. There were \$200 dues revenue collected during through this morning (three members paid after the meeting).

Old Business: Uli-AG0X reported that Craig, NC2H and he completed the rebuilt of a dual band VHF/UHF and it was installed at the Marbella site the end of December. This antenna now supports a new DMR repeater and the D-Star repeater which are collated at that site.

Mark-AC4ZM reported that the EmComm Net meets on the air every Thursday at 8pm (146.670MHZ). The next meeting March 14th 7pm.

Mark reported that five VE candidates tested this past month (4 -Techs & 1 -Extra).

Larry-N4LAK reported a good turnout for Winter Field Day which was held at his QTH over the January 28-29th weekend. He thanked all the members who help setup and operate over the contest weekend.

Mark-AC4ZM held a 'Digitally Schooled' Workshop last Saturday February 25th at the Red Cross. The workshop covered basic DMR theory and operation. Twenty members attended the workshop, and a more advanced workshop will be offered at a future date.

New Business:

The National Weather Service will hold an open house on March 18th at their Miami facility (No need to RSVP). Details will be in the February Newsletter.

Oil Well was such a big success, that members suggested another "Spring Social Outing". Veteran's Park was suggested and the proposed timing was early April. Details will be included in the next ARASWF Newsletter.

Uli-AGOX and Criag-NC2H are planning a Collinear Antenna Building Project Workshop in mid-March timeframe. Time and place will be sent out in an email blast.

Mitch-K7DX provided a brief overview of the controversy associated with the recent (non) election for the position of the Southeast ARRL Director. Basically, the incumbent Doug Rehman-K4AC was disqualified for no specifically stated reason, and his challenger Greg Sarratt-W4OZK was *elected* by ARRL. Mitch brought a petition for ARRL members to sign, requesting an another election be held for the position. See <http://arrlse.org/> for one (K4AC) side of the story (ARRL has not provided their side).

Social Break:

50/50 Raffle was won by Erv – W1ERE (\$48) who graciously donated his winnings back to the Club. Thank you very much!

Presentation: How to see Radio Waves? – Dr. Al Torres, KP4AQI gave a very interesting presentation describing and demonstrating how one can make radio waves become visible with some easily available materials. The purpose of this technique is 'visualize' antenna radiation patterns. Defects may be identified and patterns optimized utilizing this technique. Dr. Al's presentation will be available on the website, along with all his previous topics.

Adjourn: The meeting adjourned at 8:50pm.

Respectfully submitted,
Ken-W9KB, Secretary

Contest Calendar

March 2017

| | |
|--------------------------|--------------------------------|
| + FOC QSO Party | 0000Z-2359Z, Mar 25 |
| + CQ WW WPX Contest, SSB | 0000Z, Mar 25 to 2400Z, Mar 26 |

April 2017

| | |
|--------------------------------------|--------------------------------|
| + LZ Open 40m Sprint Contest | 0400Z-0800Z, Apr 1 |
| + SP DX Contest | 1500Z, Apr 1 to 1500Z, Apr 2 |
| + SARL 80m QSO Party | 1700Z-2000Z, Apr 6 |
| + JIDX CW Contest | 0700Z, Apr 8 to 1300Z, Apr 9 |
| + SKCC Weekend Sprintathon | 1200Z, Apr 8 to 2359Z, Apr 9 |
| + Georgia QSO Party | 1800Z, Apr 8 to 2359Z, Apr 9 |
| + Hungarian Straight Key Contest | 1500Z-1700Z, Apr 9 |
| + Holyland DX Contest | 2100Z, Apr 14 to 2100Z, Apr 15 |
| + ES Open HF Championship | 0500Z-0859Z, Apr 15 |
| + CQ Manchester Mineira DX Contest | 1200Z, Apr 15 to 2359Z, Apr 16 |
| + Michigan QSO Party | 1600Z, Apr 15 to 0400Z, Apr 16 |
| + Ontario QSO Party | 1800Z, Apr 15 to 1800Z, Apr 16 |
| + YU DX Contest | 2100Z, Apr 15 to 1700Z, Apr 16 |
| + Run for the Bacon QRP Contest | 0100Z-0300Z, Apr 17 |
| + SP DX RTTY Contest | 1200Z, Apr 22 to 1200Z, Apr 23 |
| + SKCC Sprint | 0000Z-0200Z, Apr 26 |
| + 10-10 Int. Spring Contest, Digital | 0001Z, Apr 29 to 2359Z, Apr 30 |
| + Helvetia Contest | 1300Z, Apr 29 to 1259Z, Apr 30 |
| + Florida QSO Party | 1600Z, Apr 29 to 2159Z, Apr 30 |

Florida QSO Party 2017 – April 29 & April 30 (2017)

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. This next Florida QSO Party takes place on April 29 & April 30, 2017. Get ready now for the best state QSO party in the country.

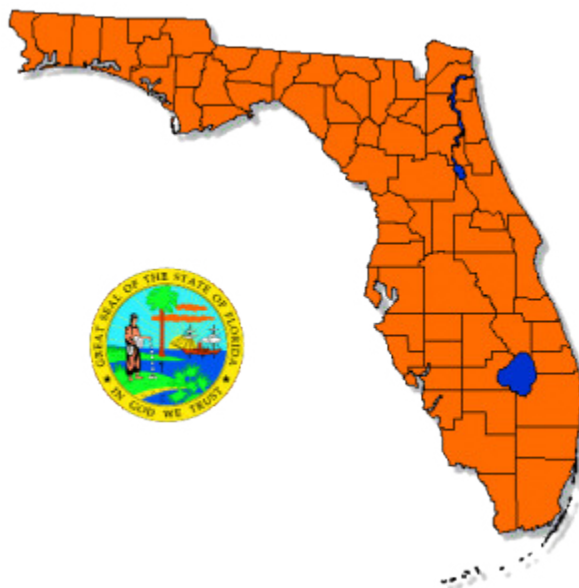
Since the re-introduction of the Florida QSO Party to the contest scene in 1998, the Florida QSO Party has become one of the fastest growing and most popular State QSO Parties around today. This is due, in part, to the tremendous effort by the mobile teams to activate as many counties as they can in 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?

This year's Spelling Bee: **FLORIDA SUN**. Note: You must work one letter from each word to qualify for any of the FQP certificates.

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. Home stations operate above or below the "Mobile window". Frequencies to avoid, are:

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



Have a question about DX'ing?



No matter what it is, Dr. DX has the answer!

In an effort to help new DX'ers unravel the mysteries related to DX'ing, the Southern California DX Club has initiated a program called, "Dr. DX" in which anyone interested in DX and DX'ing can email questions and will receive a personalized reply.

"Dr. DX" is actually a team of experienced DX'ers who will answer questions about operating technique, antennas, propagation, equipment, awards, logging programs, QSL'ing and anything else related to DX and DX'ing!

Have a question? Send an email to DrDX@SCDXC.ORG and a Dr. DX team member will get back to you with the right answer!



NEW MEMBER ALERT

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

KM6IVN

Tech

Adrienne N. Owsley

KN4BOC

Tech

Morgan T. Rogers

K1PAM

Extra

Robert Foulkes III

KN4BOB

Tech

Richard N. Lytton

KN4BOA

Tech

Carol A. Knight



**ARRL
VEC**

**MEMBERSHIP
MATTERS**

**Amateur License Exams
Monthly, 4th Tuesday, 5:30 pm
No December Exam
American Red Cross
2610 Northbrooke Plaza Drive
Naples, FL
Mark Harms
AC4ZM@ARRASWF.ORG**



Meetings Location
American Red Cross
2610 Northbrooke Plaza Drive
Naples, FL 34119
Second Tuesday of each month at 7:00 pm

Next meeting is April 11, 2017

Nets every Thursday at 8:00 pm on 146.670 -600 offset, 136.5 tone
Digital practice net after voice until 10:00 pm

Meeting Minutes and Topics of Interest

Please note that ARES is using the 147.670 Repeater for nets !
A digital emergency practice net follows the voice net !

Ed Esborn K1UQE, Chris Taylor KM4UJI, and Mark Harms AC4ZM drove to the city of Immokalee and tested the range of the 2 meter analogue and 70 centimeter DMR repeaters. A five (5) watt DMR radio and a 5/8 wave mag mount antenna could reach it's repeater without dropouts. A fifteen (15) watt 2m radio and an Elk log periodic yagi antenna could reach the same site repeater as the DMR. Future SET's will include simplex communications from the American Red Cross Building and the shelter sites in the city of Immokalee.

Once the dual band antenna for the BES building is installed, we will be able to start training with this equipment and practice communications from this site to the American Red Cross site and the special need shelter and the shelters in Immokalee.

Thank You

MARK HARMS
AC4ZM AEC

Build Dr. Al's Collinear Antenna

Visit the ARASWF website and locate the *Latest:* links at the top of the homepage. This line will begin to scroll after you first land on the webpage... if you miss the link, wait until the next "Build Dr. Al's Collinear Antenna!" link appears, then click on it.

You will be directed to second page where you may enter which band (and number) antenna you would like to build. You may also order a length of feedline to connect your new antenna to your rig.

If you are interested, please order your materials, the workshop timing is flexible and date has not been set yet. Enter your potential build dates in the comment section and you will be notified of the workshop date(s).

Contact Uli-AGOX or Craig-NC2H for more information.

agox@araswf.org

nc2h@araswf.org



The screenshot shows the ARASWF website homepage. At the top, a navigation bar contains links: ABOUT, EVENTS, RESOURCES, JOIN ARASWF, CONTACT US, PAYPAL, and CALENDARS. Below the navigation bar, the text "Latest: Build Dr. Al's Collinear Antenna!" is circled in red. A blue arrow points from this text to the right, with the text "Click hyperlink here" inside it. Below the navigation bar, a large black banner with a colorful comet-like graphic on the right side contains the following text:

OPERATORS

**"VERTICAL COLLINEAR ANTENNAS:
BETTER THAN A DIPOLE?"**

PRESENTED TO:
ARASWF
NAPLES, FL 34119

JANUARY 2017

PRESENTED BY:
DR. AL TORRES
K8MAO

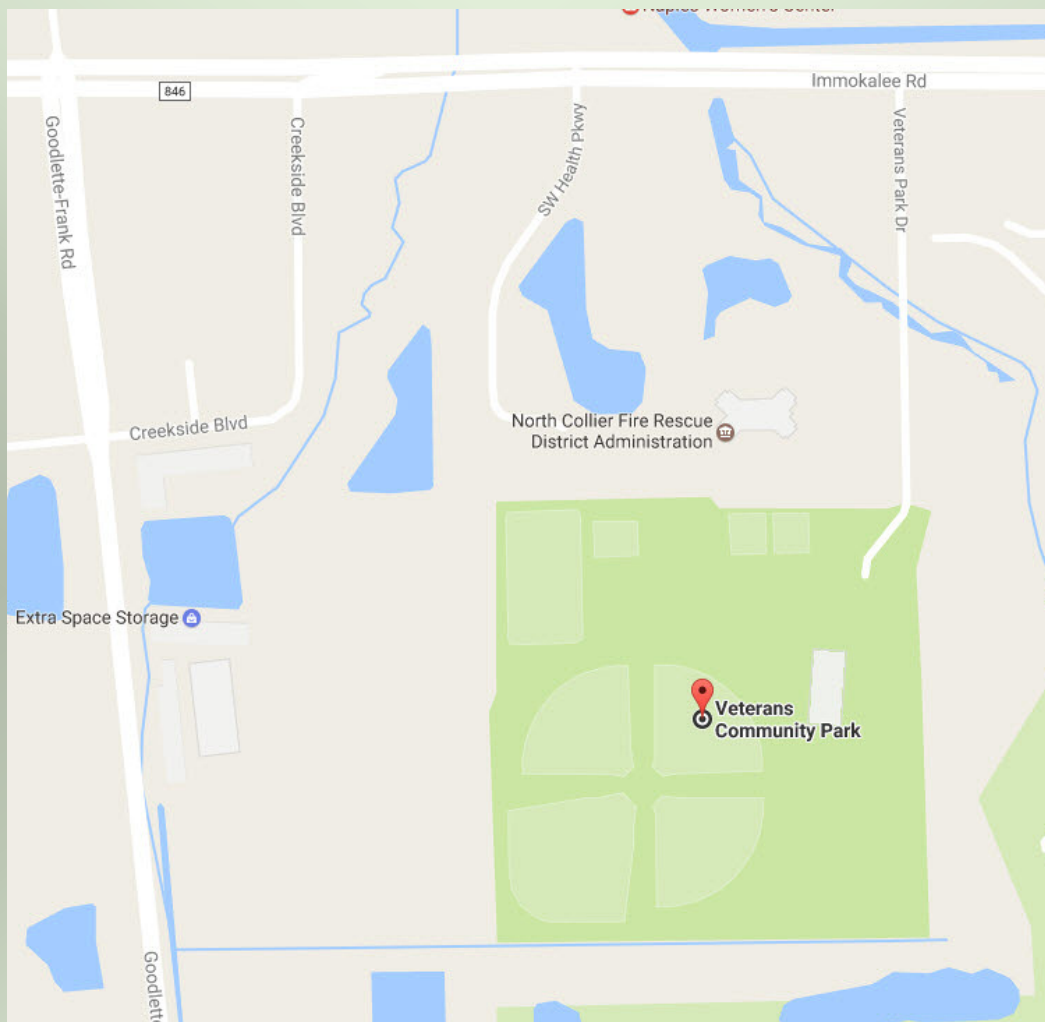
Build Dr. Al's Collinear Antenna!

Veteran's Park Social Outing

When: Saturday, April 8th

9:00am until we all have had enough fun sometime after lunch

Where: 1895 Veteran's Park Drive



Why: Socialize, have fun, and operate your portable rig setups

Remember Bring your own lunch & refreshments!

ARRL Executive Committee to Meet in Denver

The ARRL Executive Committee (EC) will meet on March 25 in Denver, Colorado, to tackle a wide-ranging [agenda](#). ARRL President Rick Roderick, K5UR, will chair the session.



The EC will hear a report on FCC and regulatory items. This includes a review of enforcement issues and concerns, as well as a status update on FCC-related items and filings and on open items that have not received any FCC action since the January Board of Directors meeting. One FCC-related matter that is likely

to come up for discussion is the status of the ARRL *Petition for Rule Making* ([RM 11759](#)), to make changes in the 80/75-meter band. In addition, ARRL is still waiting for FCC to approve operational rules for the 2,200- and 630-meter bands or finalize the allocation of the 2,200-meter band.

The EC also is expected to receive an update on the ARRL's January 12 *Petition for Rule Making* to allocate a new, secondary amateur band in the vicinity of 5 MHz, while keeping four of the current five 60-meter channels and the 100 W power limit. The FCC designated the League's *Petition* as [RM-11785](#); comments on the League's petition are due on March 20, and ARRL will file comments to bolster its assertions.

The report to the EC also will address noteworthy antenna and RF interference cases.

On the legislative front, the EC will get a status report on the Amateur Radio Parity Act of 2017 (H.R. 555). The bill has passed the US House, with Senate action still pending. The EC also will discuss the Amateur Radio implications of [H.R. 588](#), "Securing Access to Networks in Disasters Act." Introduced by New Jersey Democrat Frank Pallone Jr., this measure -- which already has received House approval -- would require the FCC to submit to Congress "a study on the public safety benefits, technical feasibility, and cost of providing the public with access to 9-1-1 services during times of emergency, when mobile service is unavailable" through open Wi-Fi access points and "other alternative means."

It would amend the Stafford Act to "expand the categories of essential service providers that may access a disaster site to restore and repair essential services in an emergency or major disaster without being denied or impeded by a federal agency."

The EC also will review the status of the Amateur Auxiliary Study Ad Hoc Committee. Meetings have been held with the FCC concerning more effective FCC use of the volunteer resources of the Amateur Auxiliary (Official Observers) program, the current FCC-ARRL Amateur Auxiliary Agreement, and the development of a new *Memorandum of Understanding* that better incorporates the Amateur Auxiliary program.



ARRL Weighs In on New California "Driving While Wireless" Statute

ARRL is recommending that Amateur Radio be specifically excluded from a California statute prohibiting the use of "wireless communication devices" while driving. ARRL Southwestern Division Vice Director Marty Woll, N6VI, is taking point on the effort to revise the statute, known by its legislative bill number [AB 1785](#). It was signed into law last September, and it took effect on January 1, amending §23123.5 of the state's Vehicle Code.



"ARRL has received a huge volume of inquiries and complaints about this statute in particular, since its enactment," ARRL General Counsel Chris Imlay, W3KD, wrote in a letter to Woll to provide guidance in amending the California statute. "I would urge that you present this letter at any meetings you have with California State legislators on this topic, thus to bring the issues contained herein to their attention."

Imlay pointed out that that the prior statute excluded Amateur Radio by definition. The new law, which completely replaced the earlier statute, never mentions Amateur Radio, but instead contains an open-ended definition of an "electronic wireless communications device," the operation of which while driving is prohibited. According to the statute, this "includes, but is not limited to, a broadband personal communication device, a specialized mobile radio device, a handheld device or laptop computer with mobile data access, a pager, or a two-way messaging device."

"Because of the 'not limited to' language, such a device is whatever a law enforcement officer thinks might be included, and an Amateur Radio operator is not at all protected," Imlay wrote. Such a broad definition could stymie "even the most diligent law enforcement officers," who might interpret the new Vehicle Code language more broadly than intended.

"Radio amateurs have regularly used mobile two-way radio systems for the past 70 years," Imlay said. "ARRL is aware of no evidence that such operation contributes to driver inattention," he stressed. "Quite the contrary: Radio amateurs are public service-minded individuals who utilize their radio-equipped motor vehicles to assist others, and they are focused on driving in the execution of that function."

Imlay also cited a 2009 letter to ARRL from the National Safety Council stating that there was no evidence using Amateur Radio while driving is a significant risk.

"Given the necessity of unrestricted mobile Amateur Radio communications in order for the benefits of Amateur Radio to the public to continue to be realized, ARRL urges California legislators to reconsider and amend AB 1785, to more narrowly define the class of devices included in the prohibition," or to include a specific exemption for Amateur Radio, Imlay wrote.



Everglades Bike Ride

Sign up early for our 10th Annual Everglades Bike

Sunday, April 2, 2017
Everglades City, Florida

McLeod Park in the heart of the Everglades City

(30 miles east of Naples; 40 miles south of Immokalee; 50 miles west of Miami)

On-Road Bicycle Rides: 62 mile starts at 8:00 am; 15 mile starts at 9:00 am

Opportunity to customize the distance of your ride available

Off-pavement Bicycle Ride: 27 mile starts at 8:30 am

A combination of paved and gravel roads, this route goes through the beautiful and wild Janes Scenic Drive in Fakahatchee Strand Preserve

Register online at Race Roster

<https://raceroster.com/events/2017/9232/everglades-bike-ride>

\$45 includes SAG-supported ride, continental breakfast, snacks and lunch

ALSO, a visit to the historic Smallwood Store & Museum

\$5 early registration discount (< March 26, 2017);

and an extra \$5 discount for FROGG and NPC members

First child 12 & under: Free with parent; Additional child 12 & under: \$15

Day-of-Event registration available. NO CREDIT CARDS, please.

Download a mail-in registration form: [everglades ride registration flyer 2017](#)

Additional Information

[smooth ride info:](#)

[62-mile route map](#)

[16-mile route map](#)

[bumpy ride info:](#)

[bumpy ride map](#)

[bumpy ride options](#)

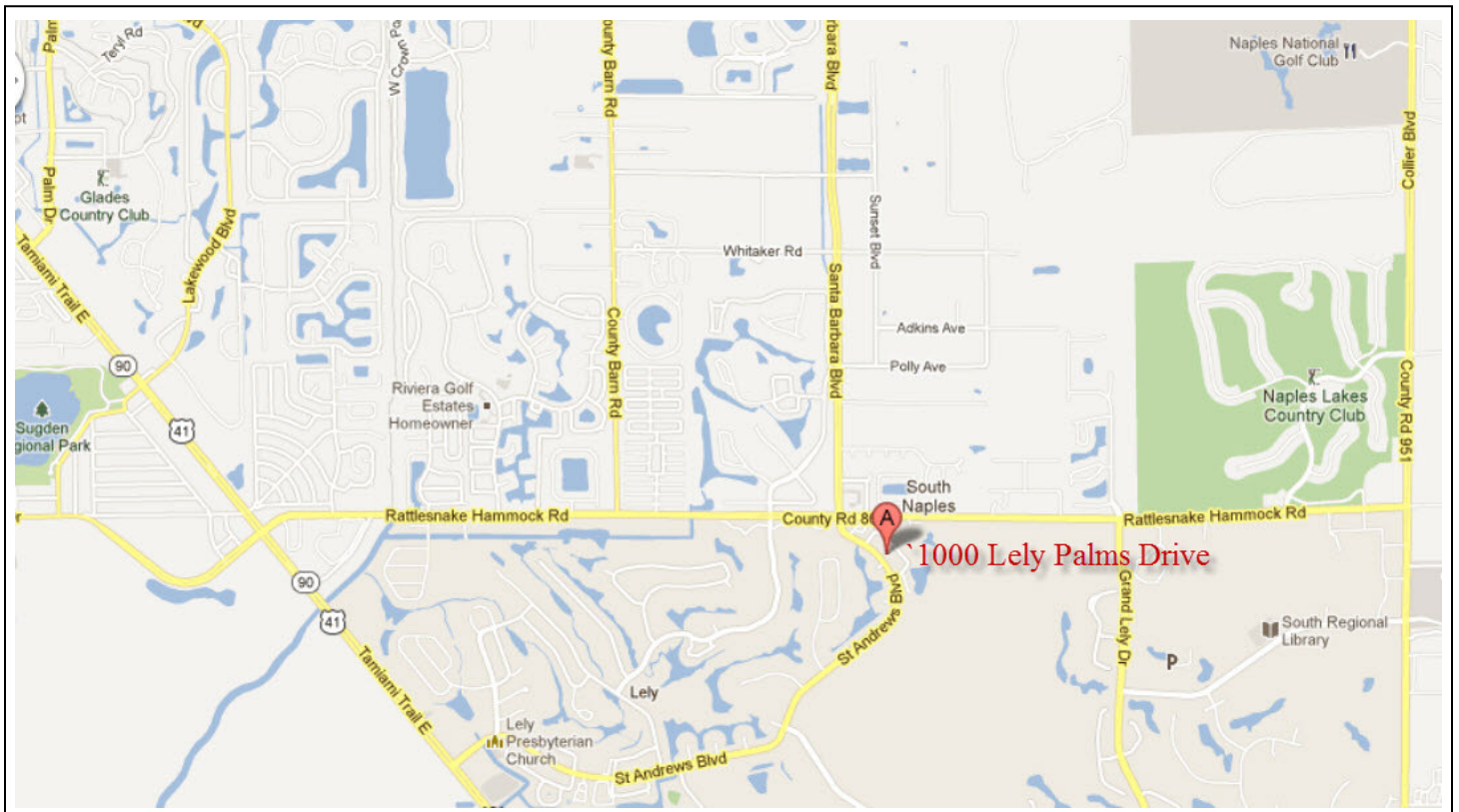


Royal Palm Chapter 152 meets every second Thursday of the month

at the Lely Palms Manor, Next Luncheon Meeting: April 13th at 12:15 pm

1000 Lely Palms Blvd.

Naples, FL 34114



**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 1st, 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/.

Learn about ARRL-sponsored Amateur Radio Emergency Communications Courses:

www.arrl.org/online-course-catalog

Club Information

Next Meeting Time: March 28th @ 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 D-Star – AB4NP 145.270 MHz (-600kHz)
- ARASWF EmComm – K4YHB 147.030 MHz (+600 kHz)
- ARASWF DMR – AB4NP 444.9875 MHz (+5 MHz)

2017 Club Officers:

President: Uli Altvater – AG0X@araswf.org
Vice President: Frank Halas – W4RBW@araswf.org
Treasurer: Larry Kielasa – N4LAK@araswf.org
Secretary: Ken Bills – W9KB@araswf.org
Director: Mark Harms – AC4ZM@araswf.org
Director: Chris Taylor – KM4UJI@araswf.org
Director: Craig Henning - NC2H@araswf.org
Director: Gary Lee – K8YMN@araswf.org
Newsletter Editor: Larry Kielasa – N4LAK@araswf.org
Webmaster: Craig Henning – NC2H@araswf.org

Club Website:

<http://www.araswf.org>

Visit
the



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

Web Site

www.araswf.org