



# ARASWF

## Newsletter



Vol. MMXV No. 11 - The Journal of the Amateur Radio Association of Southwest Florida  
November 15, 2015

### In This Issue:

- Nickels & Dimes
- Board Meeting Minutes (none provided this month)
- Membership Meeting Minutes
- Upcoming Contest Calendar
- News Articles

The next Club Meeting will be held November 24<sup>th</sup> 2015 at 7:00pm  
at the Red Cross - 2610 Northbrooke Plaza Drive Naples, FL

## Nickels & Dimes

Last year at this time I was lamenting the end of the year, fortunately this year seems to have more time left on the game clock. While it's been a busy season, we still have a far amount of work in front of us. A priority for our Club this year has been growth and we have added a number of new members to our roster this year, including five new members this past month.

Yesterday, I picked up the Club mail and found a copy of the 1989 Club roster that was sent to me by Tom Nothetine, son of Leo- N4SRQ (SK) a former member. I was surprised to see it contained 158 members. Today we have only 90 current members. Interestingly, there are more licensed hams today (500K vs. 730K today) than ever before.

Mark-AC4ZM has led the push for new members this past year. His VE team is on the ready every month to test perspective new members. Mark also has put together a Club flyer which we plan to send out to perspective members. While, our VE program has been successful in gaining new members, they don't always stick around. The challenge for next season will be recruiting new members and keeping them activated. If each one of us recruits a new member, why the arithmetic is simple... WE could double the size of the Club!

Mark will host a 'stuffing party' at the Red Cross on Wednesday November 18<sup>th</sup> (7pm) to hand address 150 envelopes, which will include our Club flyer. These will be sent to selected perspective members. Please consider helping us make this a successful recruiting effort.

Another growth approach might be to get on the repeaters and actively support our VHF nets. I'm sure we could snag a few snow birds in the process. Busy repeaters are a sign of an active Club. Make it a priority to check in or setup an on the air schedule with a fellow member. All this chatter just might attract a few more members. After all we are a radio club...

Plan to get involved! Attend our next meeting November 24<sup>th</sup>; it's our last for the year and our annual election meeting. A chance to make your voice heard.

We have our upcoming annual Christmas Party scheduled for December 5<sup>th</sup> (see flyer in Newsletter). It will be held this year at the Foxfire County Club. This will be a new venue and the meal should be better than ever. Plan to set aside this evening and celebrate the season and past year Club accomplishments with all your friends. We will have a few surprises this year so don't miss out. Plan to be there, and bring along a guest.

Also, I will collect funds for the Party and 2016 ARASWF Membership dues at next meeting on Tuesday evening. Please plan ahead and bring a check or cash to the next meeting and again show your Club support.

We have a number of projects planned for the next year, another reason to attend the next meeting and get a sense of where and what areas you can help with these projects.

Hope to see you all at the next meeting or at the Christmas party!

Ken-W9KB  
ARASWF Secretary/Treasurer

# Amateur Radio Association of Southwest Florida

Regular Membership Meeting held at the Naples American Red Cross.  
Tuesday, October 27, 2015

Officers and	Uli Altvater, AG0X – President
Directors present:	Ken Bills, W9KB – Secretary/Treasurer
	Mark Harms, AC4ZM – Director
	Larry Kielasa, KC8JCB - Director
	Gary Lee, K8YMN – Director
	Dave Ducett, WB8VQU – Director
	Craig Henning, NC2H - Webmaster

Absent: None

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**Meeting called to order:** Uli-AG0X called the meeting to order and opened it with the Pledge of Allegiance.

**Introduction:** All attendees were introduced by name and call sign. Twenty two members and one guest (Nelson Roiz Francisco) were in attendance.

**Treasurer's Report:** Ken-W9KB reported that Club checking balance was \$3,866.35 including expenses of \$30 for out T-Mobile Internet provider this month. One new member Mitch-K7DX paid his dues with PayPal. Welcome aboard Mitch!

**Old Business:** Uli-AG0X reported we are close to having a new Internet provider for the AA4PP repeater installed at the County facility. Uli also reported that over the summer the Ave Maria site was taken down due to a lack of activity and administrative changes at the school. The equipment will be used to update the AB4NP repeater at Marbella which is currently off the air.

Mark-AC4ZM provided an updated EmComm report of this past month's activities. The next meeting will be held the second Tuesday in January at 7:00pm at the Red Cross. This is a new date and time that hopefully will be more convenient for members.

Craig-NC2H reported that that various website software updates were made over the summer. A number of sections have been updated and all of the current events are reflected on the website. Craig has added a Club calendar to the website. Members should check that for dates of upcoming activities.

**Old Business cont'd:**

Mark-AC4ZM reported we had one candidate this month upgraded from Tech to general. Congratulations Wade Bassett – KM4OPL. Four new Technicians were added to the Club roster: Carl Wood – KM4OQI, Russell Wood – KM4OQJ, Nelson Roiz Francisco – KM4OPK, and James Monterosso – KM4OPM.

Ed-K1UQE provided a report of the recent Simulated Emergency Test (SET) activities. He described the emergency scenario and how the group responded. The EmComm group meets weekly on the air every Thursday night at 8:00pm on 147.03 MHz.

**New Business:**

Larry-KC8JCB discussed the poor mechanical condition of the two Club antenna trailers. Specifically, the winches are in old and unsafe to operate. He requested funds to purchase new hardware to make the safety updates. A motion was made by Frank-W4RBW to authorize up to \$600 to make these repairs. The motion was seconded and carried.

Harry-KM4JMV brought up the subject of Club net participation. It has been very low over the summer months. With the return of our northern friends it would be a great idea for members to check in and activate the local airways. Active net activities will help attract new members.

The three summer meetings held at various restaurants around town were well attended and enjoyed by all members who attended.

50/50 Raffle was won by Frank-W4RBW (\$39)

**Presentation:** No presentation this month, members were encouraged to stay and socialize after the meeting.

**Adjourn:** Motion to adjourn meeting at 8:02 p.m. made and seconded. Motion passed by all present.

Respectfully submitted,  
Ken-W9KB, Secretary

## Contest Calendar

### November 2016

YO International PSK31 Contest	1600Z-2200Z, Nov 18
+ SARL Field Day Contest	1000Z, Nov 19 to 1000Z, Nov 20
LZ DX Contest	1200Z, Nov 19 to 1200Z, Nov 20
+ All Austrian 160-Meter Contest	1600Z, Nov 19 to 0700Z, Nov 20
ARRL Sweepstakes Contest, SSB	2100Z, Nov 19 to 0300Z, Nov 21
+ Run for the Bacon QRP Contest	0200Z-0400Z, Nov 21
SKCC Sprint	0000Z-0200Z, Nov 23
+ CQ Worldwide DX Contest, CW	0000Z, Nov 26 to 2400Z, Nov 27

### December 2016

ARRL 160-Meter Contest	2200Z, Dec 2 to 1600Z, Dec 4
+ TARA RTTY Melee	0000Z-2400Z, Dec 3
Wake-Up! QRP Sprint	0600Z-0800Z, Dec 3
+ TOPS Activity Contest	1600Z, Dec 3 to 1559Z, Dec 4
Ten-Meter RTTY Contest	0000Z-2400Z, Dec 4
+ ARRL 10-Meter Contest	0000Z, Dec 10 to 2359Z, Dec 11
SKCC Weekend Sprintathon	1200Z, Dec 10 to 2359Z, Dec 11
+ AGB-Party Contest	2100Z-2400Z, Dec 16
OK DX RTTY Contest	0000Z-2400Z, Dec 17
+ RAC Winter Contest	0000Z-2359Z, Dec 17
Croatian CW Contest	1400Z, Dec 17 to 1400Z, Dec 18
+ Stew Perry Topband Challenge	1500Z, Dec 17 to 1500Z, Dec 18
Run for the Bacon QRP Contest	0200Z-0400Z, Dec 19
+ RAEM Contest	0000Z-1159Z, Dec 25
DARC Christmas Contest	0830Z-1059Z, Dec 26
+ SKCC Sprint	0000Z-0200Z, Dec 28





## **NEW MEMBER ALERT**

*Please welcome our recently minted members*

**KM4OPK Tec - Nelson I. Roiz Francisco**

**KM4OPL Gen - Wade Bassett**

**KM4OPM Tec - James A. Monterosso**

**KM4OQI Tec - Carl Wood**

**KM4OQJ Tec - Russell Wood**

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**







## **No A.R.E.S. meeting for November or December 2015**

**Nets every Thursday at 8:00 pm on 147.030 -600 offset, 136.5 tone  
Digital practice net after voice until 10:00 pm**

### **Meeting Minutes and Topics of Interest**

**Please note that ARES has changed to the 147.030 Repeater for nets !  
A digital emergency practice net follows the voice net !**

**The Collier County ARES group needs to increase its membership of active participants. Changing the meeting place to the American Red Cross on the second Tuesday of every month at 7:00 P.M. is waiting for authorization.**

**Using the BES building for special events and other SET type events after hours requires a 45 to 60 day request notice. Practicing many operators at different times on the equipment in the building is needed to be a skillful group.**

**The October Simulated Emergency Test had 22 check ins from Collier and Lee County. Each year this event will increase in difficulty. On November 21 starting at 9:00 A.M. we will make contacts from various locations using the K4YHB repeater 147.030 and 146.400 simplex. We will have one net control at Craig NC2H home QTH and one relay station at Rich K4AOR home QTH.**

**January 17 is the Half Marathon Race. Radios and check points work well for this event.**

**Thank You**

**MARK HARMS  
AC4ZM AEC**

**WE NEED  
YOU**

**Amateur Radio Association of South West Florida**

**November 18, 2015**

**Starting @ 7:00 pm**



**Envelope stuffing party  
in the  
American Red Cross  
2610 Northbrooke Plaza Drive  
Naples, FL 34119**







## ARASWF Christmas Dinner

December 5<sup>th</sup> at the Foxfire CC

When:

- 5:30 pm cocktails (Visa or Master Card)
- 6:00 pm dinner

Menu Selections:

- **Grilled Salmon** - w/sweet sauce, au gratin potato & vegetable medley.
- **Prime Rib** (12 oz) – served medium, w/au gratin potato & vegetable medley. Horseradish sauce on the side.
- **Chicken Alfredo** – w/angel hair pasta

All dinners include a salad, drink, and desert

Prix fixe \$30/person

**We need (40) people to make this a financial success, please mark your calendars and make this event a priority.**

Please RSVP as soon as possible @ [w9kb@comcast.net](mailto:w9kb@comcast.net) and include your menu selection. I will accept payment at the door if you reply prior to November 25<sup>th</sup>.

## Amateur Radio Parity Act Continues to Gain Traction in US House

It's full steam ahead for the Amateur Radio Parity Act of 2015, as the House version of the bill, H.R. 1301, now has 112 cosponsors and counting. The House bill and its identical US Senate measure, S. 1685, call on the FCC to amend its regulations to extend the limited PRB-1 federal preemption regarding Amateur Radio antennas to include private land-use restrictions such as deed covenant, conditions, and restrictions (CC&Rs). Homeowners associations would need to apply the minimum practicable restriction to accommodate Amateur Radio communication. ARRL President Kay Craigie, N3KN, said the League is continuing to receive and forward stacks of letters generated at hamfests and conventions and destined for members of the US House and Senate.

"All members are encouraged to go ahead and write their own letters to be sent via ARRL Headquarters," President Craigie said. "They don't have to wait for a hamfest or convention. Get the letters done now, before the holidays take over everyone's time and attention. Members' letters are absolutely *essential* to the success of this legislation. Everything you can do to drum up letters from your local area is an important part of the overall advocacy program. As I've said before, this is a full-team effort, and every member's action makes a difference."

ARRL Regulatory Information Manager Dan Henderson, N1ND, said the League has delivered another 3000 member letters urging lawmakers to support the bills to its team in Washington, bringing the total to nearly 14,000. "We have delivered letters to all 100 members of the Senate and 430 of the 441 members and non-voting delegates in the House," Henderson said. And those letters matter.



"Our DC team walked into a congresswoman's office a couple of weeks ago with our strong arguments and 30 letters from constituents," he said "She signed on to the bill last week. They do care about what their constituents say is important to them."

ARRL Hudson Division Director Mike Lisenco, N2YBB, said he and ARRL General Counsel Chris Imlay, W3KD, visited about 40 lawmakers' offices on Capitol Hill during 4 days in October, and he's very confident in how the grassroots campaign is going. "The response we've been getting overall is very positive across the board," Lisenco said. "We feel very good about it."

Henderson explained that the next stage would be to schedule the draft legislation for "markup," during which various committee members will have an opportunity to "fine tune" the bill into the form that will be actually considered for a vote.

There is still only the original cosponsor on the US Senate bill, but Henderson said the Senate operates a bit differently from the House with respect to cosponsors. Lisenco said he anticipates at least one Senate member to sign on to the bill soon. President Craigie stressed that it's important for members to write their US Senators as well as their US Representatives, to gain support from members of the upper chamber.

"Letters have been received by every Senator, but we would like to see offices on that side of the Hill stacked high so high with letters that the workers can scarcely find their desks," President Craigie said. She suggested a "Senate letter-writing party" at the next club meeting.

Lisenco said that in addition to writing a letter, ARRL members should consider e-mailing or even calling their US House and Senate lawmakers to urge their support. If the Member of Congress already has signed on to the bill, he said, members should contact their lawmakers to express their thanks.

## World Radiocommunication Conference 2015

The more than 3000 delegates and observers attending World Radiocommunication Conference 2015 (WRC-15) have gathered in a huge hall at ITU Headquarters in Geneva for the nearly month-long event. WRC-15 officially got under way on November 2. It will close on November 27. Chairing the conference is Festus Daudu of Nigeria, the first African elected to chair a WRC.

An Amateur Radio contact on November 3 between students at the ITU Headquarters club station and two crew members of the International Space Station helped to kick off WRC-15. ITU Amateur Radio club station 4U1ITU is using the call sign 4U1WRC for the duration of the conference. Students from Institut Florimont spoke with astronauts Kjell Lindgren, KO5MOS, and Kimiya Yui, KG5BPH, who were using the Amateur Radio station in the ISS *Columbus* module, OR4ISS.



Delegations at WRC-15 are considering several issues of importance to the Amateur and Amateur Satellite services. International Amateur Radio Union (IARU) President Tim Ellam, VE6SH/G4HUA, and Vice President Ole Garpestad, LA2RR, are heading the organization's 18-member team. The ITU has acknowledged its close cooperation with the IARU, which was founded in Paris in 1925, and it recognizes that IARU speaks for the Amateur Radio community. Other radio amateurs are parts of national delegations or in observer roles. ARRL Chief Technology Officer Brennan Price, N4QX, is part of the US delegation to WRC-15.

Of prime Amateur Radio interest is Agenda Item 1.4, which calls for allocating an appropriate amount of spectrum to the Amateur Service on a secondary basis within the band 5250-5450 kHz. The IARU has called the new band as "a high priority for the Amateur Service" but is not overly confident of getting the new secondary allocation. Ellam said the IARU team will put forth its best effort toward gaining a possible allocation near 5 MHz and will follow other developments that may impinge on the Amateur and Amateur Satellite services.

Deliberations on agenda item 1.4 are taking place in a sub-working group chaired by Dale Hughes, VK1DSH, of Australia. While more administrations than not have expressed support for some sort of allocation, the methods proposed vary greatly, the opposition to any allocation is spirited, and a number of uncommitted administrations could still sway the prevailing consensus.

Last week's Radiocommunication Assembly at ITU Headquarters approved a new resolution calling on the ITU Radiocommunication Sector (ITU-R) to develop appropriate educational materials on the regulatory aspects of small satellites.

Some already are looking ahead to the next WRC in 2018 or 2019. IARU Region 1 is hoping for further worldwide harmonization of bands allocated to the Amateur and Amateur Satellite services. These would include a 160 meter allocation at 1800-2000 kHz to align with the Region 1 and 2 allocations, and an allocation of 50-52 MHz to the Amateur and Amateur satellite services in Regions 1 and 3. IARU Region 1 also wants to further harmonize the Amateur Radio microwave sub-bands, especially 3400-3410 MHz in Region 1 with the allocations in Regions 2 and 3. It is proposing a secondary allocation to the Amateur and Amateur Satellite services.

The IARU will host a function on November 10 for all attending WRC-15. On display will be an emergency communications mobile unit, which will be available for viewing November 8-14, with IARU International Coordinator for Emergency Communications, Hans Zimmermann, HB9AQS, attending. The trailer-mounted display will have equipment showing the voice, text and image mode capabilities for emergency communications, plus a mobile antenna. Emergency Radio Germany supplied the mobile unit for the exhibit.

## SKYWARN Recognition Day is Saturday, December 5

The 17th annual SKYWARN Recognition Day (SRD) on-the-air event is set for Saturday, December 5, from 0000 UTC to 2400 UTC. Cosponsored by ARRL and the National Weather Service, SKYWARN Recognition Day pays tribute to Amateur Radio operators for the vital public service they perform.



Registration is now open for stations planning to participate from a National Weather Service (NW) Forecast Office; a [list](#) of NWS participating offices is on the NWS SKYWARN Recognition Day web page. During the 24 hour event, Amateur Radio operators set up at NWS offices contact other hams across the country. This event is also aimed at strengthening the bond between Amateur Radio operators and local NWS offices.

SKYWARN Recognition Day is not a contest. During SKYWARN Recognition Day amateur stations exchange contact information with as many National Weather Service-based stations as possible on SSB, FM, CW, RTTY, and AM on 80, 40, 20, 15, 10, 6, and 2 meter bands plus 70 centimeters. Repeater contacts are permitted.

Stations exchange call signs, signal reports, location, and a one or two-word description of the weather (eg, sunny, partly cloudy, windy, rainy). Procedures are detailed on the NOAA SRD web page.

The volunteer SKYWARN program comprises nearly 290,000 trained severe weather spotters -- many of them radio amateurs -- who identify severe storms and provide NWS forecasters with reports of local weather conditions during severe weather events.

To learn [more](#), visit the SKYWARN Recognition Day website.

## Putting Contesting to Work for Your Public Service Team

ARRL November Sweepstakes is just ahead, and the ARRL 10 Meter Contest isn't far behind. All are ideal opportunities to gain or hone Amateur Radio operating skills that can be put to use during an emergency response or a public service event. In short, contesting isn't just for contesters anymore, and you don't have to wait for Field Day to get -- or stay -- up to speed.

"Operating skill is not something that can be tested on a license exam or learned from a book," said ARRL Contributing Editor Ward Silver, N0AX, an active contester as well as a member of his local ARES team. "Emergency managers know that practice -- lots of it -- is required for operators to be sharp when they are really needed." Silver pointed to an article on the topic by ARRL Southwestern Division Vice Director Marty Woll, N6VI, that appeared recently on the Southern California Contest Club (SCCC) website.

"Contesting helps prepare us for demanding communication tasks, such as might be encountered during a major disaster," Woll said in his article. "You don't have to be in it to win it; just take part, and have fun while you're learning to enhance your and your station's performance."



**Contesting at K3CR in 2014.**

Silver says that repetitive emergency drills are fine but can get old. Contesting offers an enjoyable way to give your equipment a good shakedown and build on-the-air knowhow. "Just as sports keep you



physically fit, 'radiosport' -- or contesting -- can serve as a training ground while having fun at the same time," he said. Silver points out that a huge, multi-tower station isn't necessary to participate. Even a low dipole will let you work lots of stations -- and in SS, all of the stations are in the US.



Sweepstakes (SS) was conceived as a traffic-handling event that uses traffic-handling terms. Participants share their "precedence" (operating category) and "check" (the last two digits of the operator's birth year) as part of the exchange.

Local events are another option. "You can start simple with any of a number of regional FM simplex contests that encourage the use of mobile and handheld FM radios for an afternoon or evening," Silver suggests. "This is a great way to learn about squelch management, copying weak signals, using phonetics, and the effectiveness of good locations and antennas."

ARES and RACES groups can participate as teams, and a contest can be a terrific opportunity to dust off that communications van or even to get some practical experience in an emergency communications center (EOC).

"If you have enough interest, divide your group into two or three-person teams that operate in shifts with an experienced operator to mentor," Silver said. "Better yet, put the teams at different stations and let them go head-to-head in a short challenge. No one says you have to operate the entire contest, either. Pick times that work -- maybe about as long as your regular drills -- and get together afterward for a little socializing over pizza."

Silver said a contesting Elmer can help those new to contesting with scripts that guide the newbies through a QSO as well as some instruction on how to take best advantage of your equipment. Start each team of operators with a period of listening. "Once your team gets up to speed," Silver said, "emphasize the reasons why we have contests in the first place: To reinforce accurate, effective operating practices. Place a special emphasis on copying call signs and exchanges 100 percent correctly."

"The hours will fly by, and when it's over, you'll have some operators eager to do it again," Silver said. "Regardless of how many contacts you make, when interspersed with regular drills and exercises, contesting offers a great change of pace while advancing everyone's abilities at little or no cost." -- *Thanks to ARRL Contributing Editor Ward Silver, NOAX*



**Ward Silver, NOAX, is an enthusiastic contesteer and an ARRL contributing editor.**

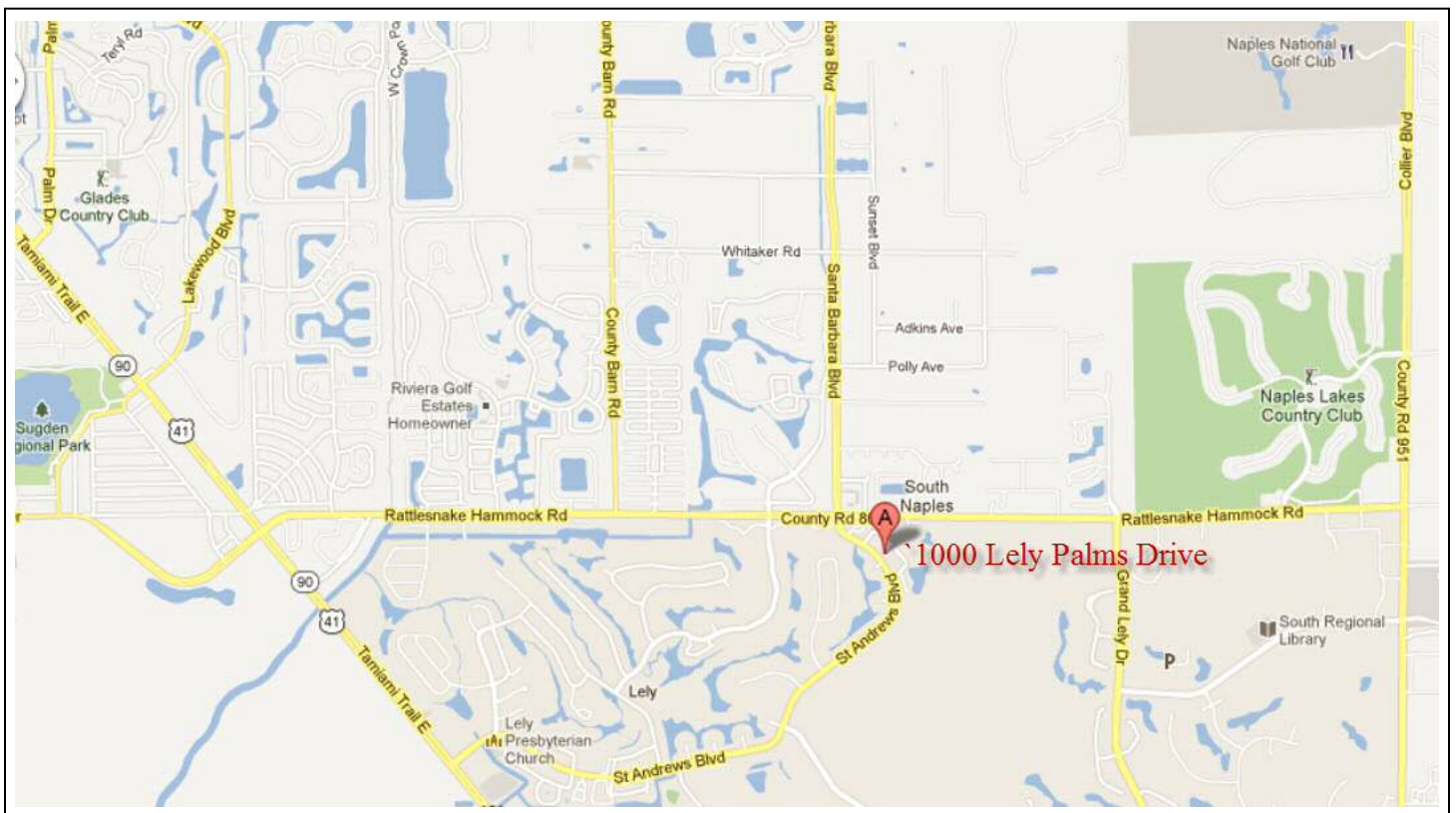


**Royal Palm Chapter 152 meets every second Thursday of the month**

at the Lely Palms Manor, Next Luncheon Meeting: December 10<sup>th</sup> 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 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**

© Mike Baldwin / Corbis

Baldwin



"I used to be on the cutting edge, always pushing the envelope. Now I stuff them."

**We NEED you.**  
**Can you HELP?**

## Club Information

Next Meeting Time: November 24<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)
- Collier EOC – K4YHB 147.030 mHz (+600 kHz)

2015 Club Officers:

President: Uli Altvater – [AG0X@araswf.org](mailto:AG0X@araswf.org)  
Vice President: Eric Gissendaner – [KF4IXA@gmail.com](mailto:KF4IXA@gmail.com)  
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**