



ARASWF

Newsletter



Vol. MMXVI No. 11 - The Journal of the Amateur Radio Association of Southwest Florida
November 16, 2016

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The next Club Meeting will be held November 22nd at 7:00pm
at the Red Cross - 2610 Northbrooke Plaza Drive - Naples, FL

Nickels & Dimes

'Tis the season to be jolly, almost...

I hate to rush the season; however, my Turkey dinner is all but a few more pounds around my waist... Seriously, I would like to rally the members to support this year's Christmas party. There are a lot of members and friends of the Club that have been sitting on the sidelines or pursuing other interests... that's great, I get it.

However, if you could mark your calendars for Saturday December 3rd and attend our annual Christmas party, it would be wonderful to see the whole Club together again before you and/or your fellow members go QRT.

The usual suspects have been up to their tricks... Mark-AC4ZM recently lead 10 members through the Collier County EOC facility. Uli-AG0X has been promoting the DV4mini (Wireless Holdings) across the country, it was featured in this month's QST. Larry-N4LAK has been babysitting the repeaters and chasing after replacement antenna hardware, along with Craig-NC2H assisting with the heavy lifting.

The Club elections are next week November 22nd at the Red Cross. The 2017 slate has a few organizational changes:

President - Uli-AGOX	Vice-President – Frank-W4RBW
Secretary – Ken-W9KB	Treasurer – Larry-N4LAK
Director – Mark-AC4ZM	Director – Gary-K8YMN
Director – Chris-KM4UJI	Director – Dave-WB8VBU

If you any political aspirations, please let us know there is some flexibility with Board positions and perhaps we could accommodate your interest.

In conclusion, here are the top four reasons people gave for not voting in the recent general election:

1. I was too busy... seriously, number one by a fair margin
2. I was not interested this year?
3. I was sick
4. I forgot... unbelievable, tie a ribbon around your finger next time

You talk about some lame excuses, don't be part of the problem... help us work on the solution and keep amateur radio alive in Collier County!

Be safe & 73

Ken-W9KB
ARASWF Secretary/Treasurer

Amateur Radio Association of Southwest Florida

Regular Membership Meeting held at the Naples American Red Cross.
Tuesday, October 25, 2016

Officers and
Directors present:

Uli Altvater, AG0X – President
Ken Bills, W9KB – Secretary/Treasurer
Mark Harms, AC4ZM – Director
Larry Kielasa, KC8JCB – Director
Frank Halas – W4RBW
Dave Ducett, WB8VQU – Director
Craig Henning, NC2H - Webmaster

Absent:

Gary Lee, K8YMN – Director

Meeting called to order: Uli-AG0X called the meeting to order and opened with condolences and a minute of silence for Harry-KD4JMV followed by the Pledge of Allegiance.

Introduction: All attendees were introduced by name and call sign. Sixteen members were present and one guest (he joined – David-WZ4SKY).

Treasurer's Report: Ken-W9KB reported that Club checking balance was \$3,717.16 including the Club PayPal balance. There were \$50 dues revenue collected during the month and \$17.98 expense for antenna trailer repairs.

Old Business: Uli-AG0X reported the VHF/UHF antenna recently installed this summer at the Marbella site was struck again by lightning. This is the second antenna failure; grounding issues are thought to be part of the problem. Uli discussed rebuilding a couple of four bay (DC grounded) antennas to solve this issue in the long term.

Mark-AC4ZM reported that the next EmComm meeting will be held Tuesday November 10th at 10:00am at the Collier County EOC. Mark also mentioned there will be an opportunity to tour the Collier County BES/EOC facility at this meeting. Mark also reported that the County has an approved PO to install a new VHF/UHF antenna at the EOC which was ordered a few months ago.

Mark-AC4ZM reported we had one VE candidate test this month and pass his General ticket upgrade.

Craig-NC2H reported that he made minor website updates this past month. NC2H encouraged members to check the website calendar for upcoming activity dates.

New Business:

ARASWF Club elections are scheduled for next month. There is one open Director's position, so if any member is interested please contact the Secretary.

Also, the Board is looking for a member interested in the Newsletter Editor position. We can work out a transition of responsibilities to make this process more seamless.

The annual ARASWF Christmas Party will be held at the Foxfire Country Club again this year on Saturday December 3th. Cocktails (cash bar) 5:30pm, dinner 6:00pm. More details will be provided in the Alert Newsletter.

Last call, Dave-WB8VQU reported he would bring one more Junk box to generate interest in this exchange program. If members are interested in swapping their *junk*, please bring a USPS medium flat rate box, packed and ready to exchange.

Social Break:

50/50 Raffle was won by Craig-NC2H (\$40) one of our newest members!

Presentation: No presentation this month – Extended post meeting social hour.

Adjourn: Motion to adjourn meeting at 8:04pm made and seconded. Motion passed by all present.

Respectfully submitted,
Ken-W9KB, Secretary

Amateur Radio Association of Southwest Florida

**Executive Board Meeting held at Apollo, Naples, FL
Monday – November 15, 2016**

Present: Uli Altvater, AG0X – President
Ken Bills, W9KB – Secretary/Treasurer
Mark Harms, AC4ZM – Director
Larry Kielasa, N4LAK – Director
Craig Henning, NC2H – Webmaster
Chris Taylor, KM4UJI - Guest

Absent: Frank Halas, W4RBW – Vice President
Dave Ducett, WB8VQU – Director
Gary Lee, K8YMN – Director

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 – Ken-W9KB reported the Club checking and PayPal balance was \$3,717.16. No expenses were reported this month.

Old Business:

Repeater Updates: Lighting hit the DMR antenna, and its replacement. A third, more robust antenna has been donated by the Macro Island Radio Club (MIRC) and will be picked up tomorrow by Larry-N4LAK and Craig-NC2H from MIRC. The plan is to build a combo VHF/UHF folded dipole from this and parts our Club has in storage. The rebuilt antenna will be installed at the Marbella site when completed.

Website Updates: Craig-NC2H reported that he has been updating the new membership page and database. The old page will be archived. This intent is to make online registration more seamless.

EmComm Updates: Mark-AC4ZM reported that the group continues to meet at 7PM on the second Tuesday of the month at the Red Cross. The group just completed a tour of the Collier County EOC/BES facility. Ten members participated in this tour.

VE Testing: Mark-AC4ZM reported that VE test team has been busy all year, with candidates testing virtually every month.

Club Elections: Mark-AC4ZM introduced Chris Taylor – KM4UJI. He is a newer member interested in serving on the Board. His name will be added to the slate which includes all the current Board members, except for Larry-N4LAK, he will give up his Director's position and assume the role of Treasurer.

New Business:

Upcoming Events:

- November Club Officers Election – November 22th
- ARASWF Christmas Party – December 3th
- Naples Daily News ½ Marathon – January 15th
- Winter Field Day – January 28-29th

Walk-In Items: Mark-AC4ZM reported he would run his Digitally Schooled program early next year, he is looking at January 14th as a possible date. Stay tuned for more details.

Next Board Meeting – January 17th (7pm at Uli's business QTH)

Adjournment: The meeting was adjourned at 9:03 pm.

Respectfully submitted,

Ken-W9KB
Secretary



Contest Calendar

November 2017

+ YO International PSK31 Contest	1600Z-2200Z, Nov 17
+ SARL Field Day Contest	1000Z, Nov 18 to 1000Z, Nov 19
+ LZ DX Contest	1200Z, Nov 18 to 1200Z, Nov 19
+ All Austrian 160-Meter Contest	1600Z, Nov 18 to 0700Z, Nov 19
+ ARRL Sweepstakes Contest, SSB	2100Z, Nov 18 to 0300Z, Nov 20
+ Run for the Bacon QRP Contest	0200Z-0400Z, Nov 20
+ SKCC Sprint	0000Z-0200Z, Nov 22
+ CQ Worldwide DX Contest, CW	0000Z, Nov 25 to 2400Z, Nov 26

December 2017

+ ARRL 160-Meter Contest	2200Z, Dec 1 to 1600Z, Dec 3
+ TARA RTTY Melee	0000Z-2400Z, Dec 2
+ Wake-Up! QRP Sprint	0600Z-0800Z, Dec 2
+ TOPS Activity Contest	1600Z, Dec 2 to 1559Z, Dec 3
+ Ten-Meter RTTY Contest	0000Z-2400Z, Dec 3
+ ARRL 10-Meter Contest	0000Z, Dec 9 to 2359Z, Dec 10
+ SKCC Weekend Sprintathon	1200Z, Dec 9 to 2359Z, Dec 10
+ AGB-Party Contest	2100Z-2400Z, Dec 15
+ OK DX RTTY Contest	0000Z-2400Z, Dec 16
+ Croatian CW Contest	1400Z, Dec 16 to 1400Z, Dec 17
+ Run for the Bacon QRP Contest	0200Z-0400Z, Dec 18
+ RAEM Contest	0000Z-1159Z, Dec 24
+ DARC Christmas Contest	0830Z-1059Z, Dec 26
+ SKCC Sprint	0000Z-0200Z, Dec 27
+ RAC Winter Contest	0000Z-2359Z, Dec 30
+ Stew Perry Topband Challenge	1500Z, Dec 30 to 1500Z, Dec 31



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

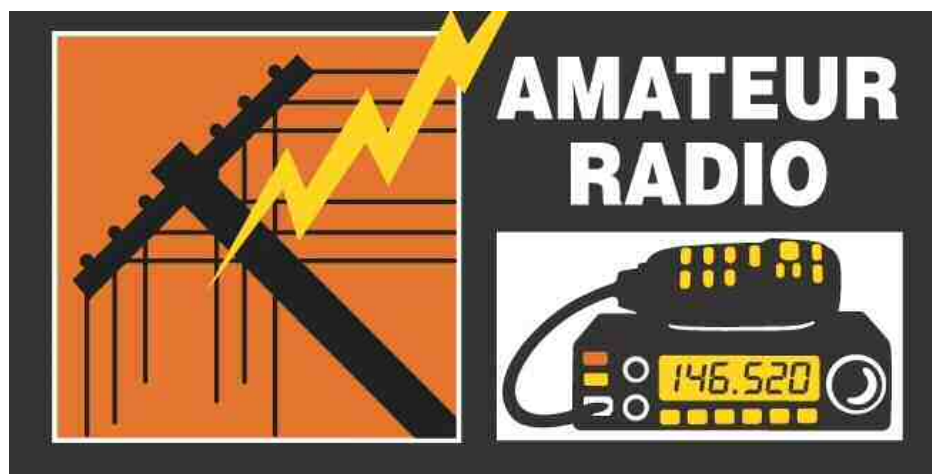
KK4UTA

General

Robert Leonard



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





ARASWF Christmas Dinner

December 3th at the Foxfire CC

When:

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

Menu Selections:

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

All dinners include a salad, drink, and desert

\$30/person (Salmon & Chicken) \$35/person (Prime Rib)

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 and include your menu selection. I will accept payment at the door if you reply prior to November 22th.



**Saturday December 3rd
Great Food, Company
and the....**

**ANNUAL CHINESE
AUCTION**

Bring a wrapped gift to share!

ARRL Calls on Members to Press for US Senate Passage of Amateur Radio Parity Act

11/15/2016

ARRL once again is calling on its members to urge their US Senators to support the Amateur Radio Parity Act (**H.R. 1301**) when it comes up in the Senate during the "lame duck" session of Congress that adjourns in mid-December. The House of Representatives approved the bill in September, but if the Senate does not follow suit, the bill will die, and the entire process will have to be repeated. ARRL Hudson Division Director Mike Lisenco, N2YBB, who chairs the ARRL Board's Legislative Advocacy Committee and has been heavily involved in efforts to move H.R. 1301 forward, said today, "The clock is ticking!"

"We begin the e-mail campaign once again, as the US Senate returns to work this week after a month-long hiatus," Lisenco said. "We were just beginning to build momentum in the Senate following the unanimous passage of the Parity Act in the House when Congress shut down for the 4 weeks prior to Election Day."

The task is simple: Go to our **Rally Congress** page, enter your ZIP code, fill in your name and address, press enter, and e-mails will go directly to your Senators. Members may do this, even if they have already contacted their US Senators for support.

"We have to remind our legislators that we are still here and that we need the Amateur Radio Parity Act to become law," Lisenco stressed. "We must do this now as we have, at most, only 4 weeks left in the session to get the bill passed this year. Otherwise, we will have to begin the entire process in 2017 with a new 115th Congress."

There are no guarantees, Lisenco said, and we are subject to the political bickering that goes on daily between the parties, despite the fact that the bill is truly a bipartisan effort. "In order to have a chance at overcoming political obstacles that have little or nothing to do with the legislation, we need our voices to be heard," he said. "And we need that input today!"

September's victory in the US House was the culmination of many years of effort on ARRL's part to gain legislation that would enable radio amateurs living in deed-restricted communities to erect efficient outdoor antennas that support Amateur Radio communication. The measure calls on the FCC to amend its Part 97 rules "to prohibit the application to amateur stations of certain private land-use restrictions, and for other purposes." While similar bills in past years gained some traction on Capitol Hill, it was not until the overwhelming grassroots support from the Amateur Radio community for H.R. 1301, and ARRL's relentless and strident efforts on Capitol Hill that this bill made it this far.

As the **amended bill** provides, "Community associations should fairly administer private land-use regulations in the interest of their communities, while nevertheless permitting the installation and maintenance of effective outdoor Amateur Radio antennas. There exist antenna designs and installations that can be consistent with the aesthetics and physical characteristics of land and structures in community associations while accommodating communications in the Amateur Radio services."

Click Here: <https://arrl.rallycongress.net/>

Amateur Radio "Uniquely Situated" to be at Leading Edge Again, Conferees Told

The dawn of so-called "smart" -- or cognitive -- radio has presented Amateur Radio with an opportunity to regain the leading edge in radio technology in the near future. It will also alter our view of spectrum as a limited resource. Those points and others were part of a forward-looking, tag-team Sunday Seminar presentation, "Spectrum (It's the frequency crunch for real)," by Michelle Thompson, W5NYV, and Bob McGwier, N4HY, at the 2016 ARRL and TAPR Digital Communications Conference ([DCC](#)), September 16-18 in St. Petersburg, Florida. Thompson heads the AMSAT Ground Terminal Team, a component of the Phase 4B geosynchronous satellite project. McGwier is chief scientist at the Hume Center for National Security and Technology at Virginia Tech. This week, *HamRadioNow* made the entire 3-hour presentation available as part of its conference coverage: [HamRadioNow Episode 276 Parts 1, 2, and 3](#).



"If you put the smarts in the radio, what can possibly go wrong?" quipped Thompson, pointing to an example that demonstrated how sufficiently complicated technology is also more likely to fail.



Michelle Thompson, W5NYV, at the ARRL and TAPR Digital Communications Conference. [Photo courtesy of *HamRadioNow*]

Thompson said cognitive radio technology will alter the paradigm of treating spectrum as if it were land. "Spectrum is immediately reusable," she said, "and land is not." Regulation and spectrum allocation have been necessary to manage interference among services, but smart radios can avoid collisions among users, she said.

"[I]t hasn't been until fairly recently that we've been able to inexpensively and quickly reconfigure a radio," she said. Thompson's Phase 4B project will take maximum advantage of cognitive radio technology, which can -- among other things --

determine an optimal clear frequency, mode, and path on the fly, transparently, and without human intervention.

McGwier called the computer "the tidal wave that has swept over Amateur Radio." And, he predicted, "It is going to bring us back to becoming technical innovators." He said radio amateurs "are uniquely situated to be the leading edge in radio again."

McGwier said the innovation needed in Amateur Radio will come about through what he called "Amateur Radio freedom," that encourages experimentation and thinking outside the box. "It's the ultimate democratic assignment of frequencies in the world," he said.

He painted a picture of intelligent radio technology that will operate like the human brain. "It's going to design the radio on the fly, from scratch, without a subject-matter expert involved," he said. "The radio will be done by artificial intelligence, from beginning to end. The object becomes not the radio, but the activity it allows."

Responding to a question, McGwier conceded that today's hams may balk at this sort of paradigm shift, since it's far removed from how most Amateur Radio communication takes place today. But he said embracing smart radio technology is what will attract a younger generation of new hams.

"We need to not limit what these kids can do with Amateur Radio," he maintained. "They are going to outdo us, if we only allow them. We can't limit them, because this is a fundamental paradigm shift."

Predicted McGwier: "You will not recognize your world in 10 years." The *HamRadioNow* presentation also is available in [audio](#) format, and a highly condensed 11-minute [synopsis](#) is available on YouTube. -- Thanks to Gary Pearce, KN4AQ/HamRadioNow



Bob McGwier, N4HY, at the ARRL and TAPR DCC. [Courtesy of *HamRadioNow*]



ATNO (All Time New One)

Maybe we'll be looking to more places like this for All Time New Countries down the road.

<http://www.bbc.co.uk/news/magazine-37941931>

A little more to it than a Texas Tower or structure in the North Atlantic:



<http://www.sealandgov.org/>

https://en.wikipedia.org/wiki/Principality_of_Sealand

<http://www.urbanghostsmedia.com/2014/12/10-abandoned-sea-forts-towers-anti-submarine-platforms/>

Brian Miller - K9RA / 8

National Parks on the Air Update

A couple of milestones were reached in the ARRL National Parks on the Air ([NPOTA](#)) program last week. Washington, DC-based Activator Paul Stoetzer, N8HM, became the first amateur to activate from all 28 NPOTA units in DC, completing that feat on November 7.

Pete Kobak, K0BAK, also deserves credit for activating all of the NPS units in the Eastern Pennsylvania Section. These include some difficult urban units in Philadelphia.

These are two examples of the efforts that Activators are putting forth to achieve 1 million total NPOTA contacts by year's end. Activity remains strong, with more than 25,000 contacts uploaded to Logbook of The World every week.

Fifty-four activations are scheduled for November 10-16, including Theodore Roosevelt Birthplace National Historic Site in New York, and Dry Tortugas National Park in Florida.

[Details](#) about these and other upcoming activations can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on [Facebook](#). Follow NPOTA on [Twitter](#) (@ARRL_NPOTA).



US JOTA 2016 "Flash Numbers" Show Participation was Up

According to the US Jamboree on the Air (JOTA) 2016 "[flash numbers](#)," participation swelled in the annual Scouting event this fall. JOTA Coordinator Jim Wilson, K5ND, released the preliminary report last weekend.

"After sifting through the reports and eliminating a few duplicates along with reports from countries outside the US, we've compiled the early flash numbers," Wilson said.

"The great news is that there have been some excellent increases in participation."



The total number of Scouts taking part was up by 51% to 10,761, while the visitor total was up by 30% to 6,668. Perhaps the best news was an increase in the number of stations reporting -- up by 28% to 267 this year, just short of the record 271 in 2013.

After station reports slumped last year, the Boy Scouts made a big push that included prize drawings to encourage participants to file post-JOTA reports. Station registrations dropped by 15% this fall to 295. Jamboree on the Internet (JOTI) registrations were up from 100 last year, to 505 this

time around.

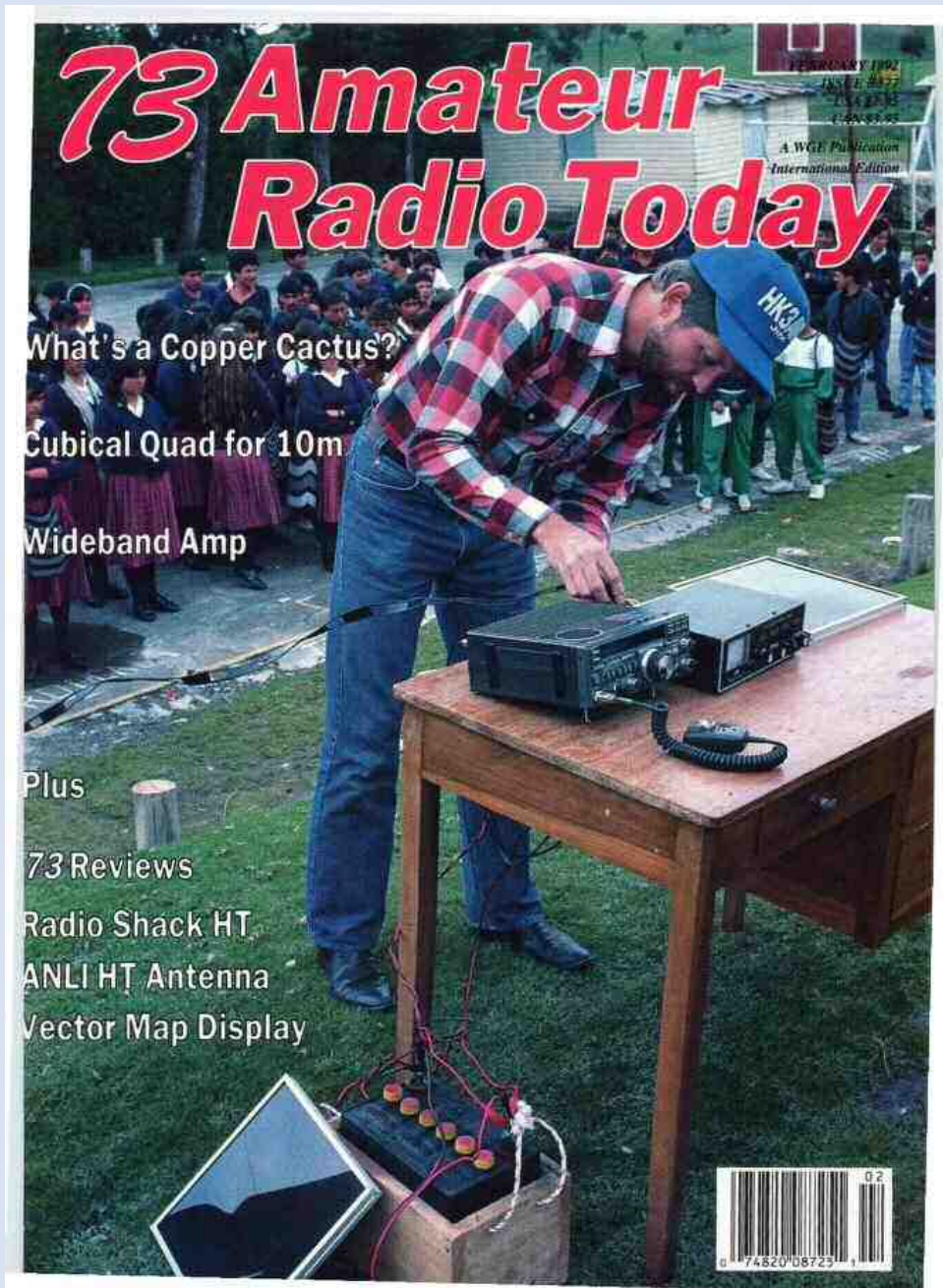
The stats showed that the number of Amateur Radio operators was up by 14% to 1,120, but they used fewer radios -- down 25% in 2016 to 631.

"The next steps are to do further analysis and finalize the report for full publication," Wilson said. "We'll be sifting through the written reports and suggestions, finding memorable quotes, and photos/videos, as well as searching for other insight. We know for starters that there was far more interest this year in JOTA-JOTI from Scout leaders and parents, based on the new 2016 Arrow of Light award requirement."

Wilson said he expects to have the final report out by month's end. The grand prize winner of the drawing for an Icom ID-51A Plus, donated by [Icom America](#), was Leroy Wignot, WA4OTD

Rare Bird Siting: Joe Goggin-K9KNW at a recent Macro Island Luncheon





Here is a very special story from Haiti written about Roy N7KLH and the Samaritan's Purse helicopter team. I hope you will take the time to read it. Roy is one of the original members of the Spiderwebnet and can be seen in the February 1992 73 magazine article that shows Jim **HK3AVR/K3AVR** on the cover (he still has black hair!).

See Attached Link:

<http://sampur.se/2fvgHTO>

WANTED!

LOOKING FOR

NEWSLETTER EDITOR

NO EXPERIENCE REQUIRED

OFFICE SKILLS HELPFUL!

INQUIRE AT LOCAL ARASWF MEETING

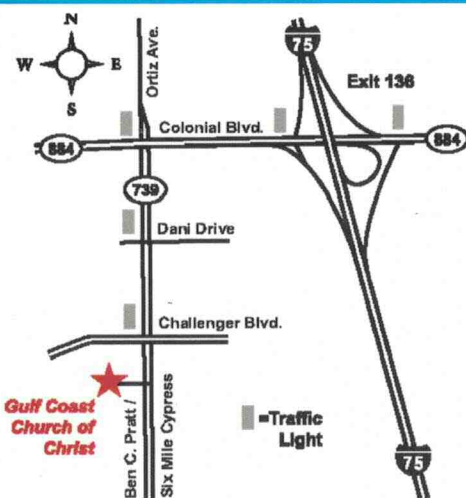
TUESDAY, NOVEMBER 22, 2016

8PM AT RED CROSS

SOUTHWEST FLORIDA HAMFEST!

Fort Myers, Florida January
20-21, 2017

For information:
SWFLHamfest.info



2017 SOUTHWEST FLORIDA HAMFEST

January 20-21, 2017

Gulf Coast Church of Christ at 9550 Six Mile Cypress Parkway • Fort Myers, FL
Just off of I-75, Exit 136. Talk-In Repeater: 147.345 (136.5Tone)

FREE PARKING • Handicap Parking Available • \$2,000 IN PRIZES!

Friday, January 20: Setup at 8 AM • Gates Open from Noon-5 PM

Saturday, January 21: Setup at 6 AM • Gates Open from 8 AM-3 PM

RAFFLE PRIZES and DOOR PRIZES!
over \$2,000 in radios and prizes to be given away!

VISITOR INFORMATION

General Admission: Early Tickets by mail or from FMARC members: \$5 • At the Gate: \$7
Kids 12 & Under: FREE with Paying Adult • **Students 13-18:** \$5 at Gate with Valid Student ID
On-Site Security Provided • Great Food at Reasonable Prices From Food Truck On-Site

FREE FCC LICENSE TESTING: Saturday, January 21, 2017 at 10AM
ARRL Card Checking

VENDOR INFORMATION

Indoor Vendor Tables: \$15 Each*

Commercial booth fees will be determined by space requested.

Reserve Your Booth or Table Early for Best Placement!

Tailgate Spaces: \$5* • **Additional Tailgate Spaces:** \$5*

**All tailgate and indoor vendors must also purchase a General Admission ticket for each person in their party.*

MAIL TICKET REQUESTS TO: FMARC PO Box 061183 Fort Myers, FL 33906

Please include SASE, otherwise tickets will be held atdoor. Cutoff date for receiving early ticket sales requests is Friday, January 13, 2017.

Need more information? **Email:** WO4K@arrl.net



Royal Palm Chapter 152 meets every second Thursday of the month

at the Lely Palms Manor, Next Luncheon Meeting: December 8th 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: November 22nd @ 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
Vice President: Frank Halas – W4RBW@araswf.org
Secretary/Treasurer: Ken Bills – W9KB@araswf.org
Director: Dave Ducett – WB8VQU@araswf.org
Director: Mark Harms – AC4ZM@araswf.org
Director: Larry Kielasa – KC8JCB@araswf.org
Director: Gary Lee – K8YMN@araswf.org
Newsletter Editor: Ken Bills – W9KB@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