



# ARASWF

## Newsletter



Vol. MMXIII No. 1 - The Journal of the Amateur Radio Association of Southwest Florida  
January 15, 2013

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**The next Club Meeting will be held January 22<sup>nd</sup> 2013 at 7.00pm  
at the Red Cross - 2610 Northbrooke Plaza Drive Naples, FL**

## Nickels & Dimes

We are off to a quick start this year, at our first board meeting Uli – AG0X expanded his leadership vision of organizing the club into member interest teams with team captains leading the respective interest groups. The digital voice group has meet and selected Eric – KF4IXA as their captain. Other groups are still in the formation process. It is very important when you renew your membership, to complete the interest area of the renewal form. This will help focus the board on the areas that interest the majority of our club members.

Speaking of fast starts, Harry – KD4JMV ran a very successful swap meet this past Saturday. His article appears later in this newsletter with all the details. On behalf of the entire club, I would like to thank Harry for his long hours and effort to make this project a success. Stay tuned for an encore performance later this summer!

Just around the corner is 2013 Hamcation, join your fellow club members up in Orlando next month. I personally will be staying at the Holiday Inn Express just west of the fair grounds. Check the bonus links for details.

While in Orlando, I will be attending the Florida Contest Group Saturday night dinner and Sunday luncheon. I have it on good authority that AA4PP won 1<sup>st</sup> place in the Club Category for the FCG sponsored 2012 Florida QSO Party. Thanks to all the club members who made this happen last April. There will soon be a new piece of mahogany to hang in the Red Cross lobby!

In closing, I would like to mention that the Naples Information Net now meets at a new time on Wednesday evenings at 8:00pm. Please dust off your VHF rig, check-in, and participate in the weekly roundtable. Join the doer's this year and plan to make a difference. Let us all together spread some RF and goodwill in the community this upcoming year.

Ken-W9KB  
ARASWF Treasurer

Monthly Bonus Links:

<http://www.hamcation.com/>

<http://www.hiexpress.com/ocoeeeast> (Be sure and ask for special \$84.00 Hamcation rate)

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

<http://www.floridaqsoparty.org/awards.html>

[http://science.nasa.gov/science-news/science-at-nasa/2013/08jan\\_sunclimate/](http://science.nasa.gov/science-news/science-at-nasa/2013/08jan_sunclimate/)

<http://fmarc.net/swfpsa.html>

## Amateur Radio Association of Southwest Florida

### Executive Board Meeting held at Trimax Wireless, Naples, Florida, on Tuesday, January 8, 2013.

**Present:** Uli Altvater, AG0X – President  
Eric Gissendaner, KF4IXA – Vice President  
Ken Bills, W9KB – Secretary/Treasurer  
George Tomlinson, AA4GT – Director  
Gary Lee, K8YMN – Director  
Henrietta Horvay, KA1JVN – Director  
Frank Halas, W4RBW – Director  
Ed Esborn, K1UQE

**Absent:** Bill Krauss, N1MMQ – Past President

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### MEETING MINUTES

**Meeting called to order:** The meeting was called to order at 2:00 pm.

**President's Report** – Uli- AG0X shared his thoughts and his management approach for the upcoming year. His plan is to organize the club into "interest activity groups". These groups would be focused and lead by team leaders or captains from within each activity. They would be encouraged to meet monthly outside the regular membership meetings and periodically report back to the general membership.

He mentioned the D-Star group, which he is actively involved, recently met at Noodles for lunch. They had a very productive meeting and good meal, and elected Eric-KF4IXA team captain.

The basic idea is to involve more members in areas and activities that they find personally interesting. He also proposed we meet after the regular meetings for a libation and good times.

**Treasurer's Report** – Ken-W9KB provided a treasurer's report commencing January 1<sup>st</sup> with a bank balance of \$3296.81. This month the club has incurred expenditures of \$61.25 for the Florida SunBiz filing (maintain 501c3 status) and a pending expense of \$200 for club liability insurance. \$500 in dues were collected to date this month, leaving a current balance of \$3535.56. W9KB offered a balanced budget proposal that was discussed and adopted.

**Old Business:** Ken-W9KB announced the club swap meet planned for January 11<sup>th</sup> at the Tree of Life Church in East Naples. It will run from 6:00am until noon, sellers will be charged \$2.00 per parking space. General admission will be free.

The Naples Information Net was discussed, a later 8:00pm start time was proposed to encourage more members to check-in. It was adopted and will be communicated via email to the membership.

Ed Esborn-K1UQE was in attendance to discuss his role with the Collier County CERT program. The topic of EmCom was discussed at length and Ed and Eric-KF4IXA agreed to work together to improve our relationship with the County.

Uli- AG0X discussed the status of various D-Star projects and the interest group's goal to increased coverage in the southwest Florida area.

**New Business:** The special interest groups were discussed at length. These groups are listed on the new 2013 ARASWF Dues Renewal Form. The idea is to collect all the members' interest areas on a sortable spreadsheet so teams and leaders can be readily identified and the Board can better manage their resources.

The general meeting membership format was discussed. It was proposed that meetings and presentations be time constrained with membership meetings limited to about 90 minutes. It was suggested regular business could be conducted within 30 minutes, allowing about 10 minutes for a break, presentation preparation, and 50/50. Most presentations would then be limited to 45 minutes. This will allow early birds a timely exit, while other members would have time to socialize after the meeting.

2013 Winter Field Day is scheduled for the last weekend in January. It will again be held at Joe Goggin's Tiki Hut. The contest starts at noon Saturday January 26<sup>th</sup> and runs through noon Sunday. The exchange is simply the outside temperature and we enjoy sharing that information with our northern friends. Call George-AA4GT for details.

The next VE testing date was set for 5:30pm January 22, 2013.

**Specific assignments** that were taken out of the meeting:

- Ed-K1UQE – Contact Dan Summers regarding club CERT involvement
- Ken-W9KB – Summarize club member's interest area in Excel

**Next Board Meeting** – Trimax Wireless, Tuesday February 12<sup>th</sup> @ 2:00 pm

**Adjournment:** The meeting was adjourned at 3:45 pm.

Respectfully submitted,  
Ken Bills, W9KB  
Secretary

## **New Members**

'Shep' Sheppard – AA7MH

Harry Romano – KC4RPP

Quentin Greeley – N1RDX

## **2013 Membership Dues Notice**

The following page depicts the new 2013 dues renewal form. This form will be sent out to all members on record this year. It is a unique PDF that you can download and directly type your personal information and interests into and then save. Please email this form back to the club secretary. This will allow us to update our records with your latest phone numbers and email addresses etc. Your checks and money orders can be brought to the January meeting or sent to:

ARASWF  
P.O. Box 111604  
Naples, FL 34108

New this year is a member interest survey, the board would like to capture the club interest and better focus our meetings and club programming next year.

Don't roll off the active list this year!

73

Ken-W9KB

AMATEUR RADIO ASSOCIATION  
OF SOUTHWEST FLORIDA, INC.

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

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

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

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

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

Please Check Below any interests you may have in Amateur Radio:

Field Day	Morse Code	Education & VEC	D-Star (VHF & UHF)
Presentations	Social Activities	Software Defined Radio	Repeater & Microwave Network
ARES Races	Contesting	Other	

I would be interested in leading one of the above areas \_\_\_\_\_.

Additional Information

Type of Resident:            Full            Part

Spouse's Name: \_\_\_\_\_ Call: \_\_\_\_\_

Spouse's Class (If Applicable): \_\_\_\_\_

Out of Town Phone (If Applicable): \_\_\_\_\_

Out of Town Address (If Applicable): \_\_\_\_\_

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Dues Renewal

Please mail this Application and a check or money order to ARASWF to the address provided below or bring it to the January 22, 2013 meeting. Check or Money Order payable to ARASWF.

ARASWF  
P.O. Box 111604  
Naples, FL 34104

## 2013 Naples Hamfest Wrap-up (submitted by KD4JMV)

Well it's over with... I had very good time putting this event together. I figured that since Naples has not held a Hamfest in the recent past, this might be a good project for the club. I proposed this idea to the Board last year and asked if anyone was interested in helping. Two volunteers stepped forward and the rest is history.

I went to my local church around the corner and asked if they wanted provide their parking lot and facilities to host this event. Coincidentally, the church was also interested in running a flea market that same month. So we put our heads together and found common ground and a date that did not conflict with other area Hamfests.

Next, I secured a permit for the flea market from the County, arranged help from other Hams, found a PA system, traffic cones, food & beverage concessions from the church, electricity for the PA system, tables and restroom facilities. We had also planned for a VE Session, but had no test takers.

There were sixteen vendors: Mark-AC4ZM, Bob-W2HI, Jeff-NJ2F, A.D.-K4ADR, KB2SFA, Bruce-K9PWQ, Rodger-KJ4VXO, John-KC4ABC, Steve-KD4VRY, Joe-K9KNW, Greg-WI1P, John-WA0AWA

Other notables:

- 45 people attended from Marco Island, Fort Myers & Naples
- 5 door prize winners
- 50/50 winner
- Three new club members
- A good time for attendees

Special thanks to:

- Rich-KK4IOY for his help with the tailgate
- Ken-W9KB for handling the ARRL & ARASWF table
- Nate-KK4LVT for the use of his PA system
- A.D.-K4ADR for the use of the traffic cones
- The Tree of Life Church for the tables, food, electricity and property usage

Here is some feedback from attendees:

"Hello All, It was a lot of fun to attend the Naples Hamfest at The Tree of Life Church. It was a very good turnout for it being a first time event. One of the great things about a local Hamfest is the chance to see old friends with whom you have lost contact. Looking forward to next year and hoping the date does not conflict with the Tarcfest. Again, congrats!" Tom-KF4UTH

"The ARASWF Hamfest had warm weather with a high of 84° F, a slight breeze, and many pleasant conversations with other Ham Operators. A new pile of first & second hand prized possessions and a few missed opportunities earmark this year. Thanks to all who came out to participate in this life style. Another day well spent, 73 from Mark-AC4ZM till next time."

"Enjoyed the first Naples Hamfest. Sold a few items and there were quite a few selling here also. I had a very good time there. I think that we should continue for next year. You did an excellent job of organizing it. Thanks & 73"  
Bruce-K9PWQ

More pictures at the club web page: [www.araswf.org](http://www.araswf.org)



Left to right – Harry-KD4JMV, Ken-W9KB, and Quentin-N1RDX (new member)



Left to right – Tom Muye-AC4TM (FMARC President), Harry-KD4JMV



Overheard more than once... will you take a buck for it?



Mark – AC4ZM seated in foreground surveying the show



Left to right: Joe-K9KNW & George-AA4GT

## Winter Field Day

January 26 & 27<sup>th</sup>

Noon until Noon

Location: Joe's - K9KNW Tiki Hut

Multipliers are important!



## **Society for the Preservation of Amateur Radio**

### **SPAR Announces Winter Field Day 2013**

Not only during Field Day in June, do the bands come alive with improvised signals proving the ability to respond to emergencies. Since emergencies and natural disasters don't always happen in the summer, during Winter Field Day, frigid winds, icy limbs and bitter cold replace the thunderstorms and blistering heat of summer. In 2007 SPAR established a Winter Field Day event and invited all Amateur Radio operators to participate. The event was repeated in 2008 and was considered a success, so it was then designated an annual event to be held the last full weekend each January. In 2007 - 2012 the event was enjoyed by many, but it is time to issue the invitation for the Sixth Annual SPAR Winter Field Day!

The 2013 Winter Field Day will be held from 1700 UTC (12:00 noon EST) Saturday January 26, 2013 through 1700 UTC (12:00 noon EST) Sunday January 27, 2013. The object of the event is familiar to most Amateur Radio operators: set up emergency-style communications and make as many contacts as possible during the 24 hour period. The rules encourage as many contacts on as many bands and modes as possible, because during a real emergency, the most important factor is the ability to communicate, regardless of band, mode or distance.

The official rules can be found at [the SPAR web site](#). The event is open to all amateurs, although we encourage everyone to join in the discussions and other activities sponsored by SPAR. Information about SPAR can be found on the [SPAR Home Page](#). Membership is free and open to all amateurs who want to encourage technical and operating skills. You can register by going to the [SPAR Forum](#) and registering, using your amateur callsign as your user name.

Please join with SPAR in promoting amateur radio and keeping our bands alive!

## A View from AB4FL Collier County's Newest D-Star Repeater



AB4FL is the call sign of the Collier County D-Star Group and used for the 70 cm band digital repeater located in North Naples close to the Collier/Lee County line next to Delnor-Wiggins State Park. It is up and running, please give it a try.

The D Star repeater listens on 448.800 MHz and transmits on 443.800 MHz. It is capable of operating as a Gateway to the global D Star network. The equipment is a Kenwood TKR820 repeater modified with a German DVRPTR version 2 board and AMBE encoder/decoder.

The club call may be used for special events or contests on shortwave.

Karl Geng N1DL  
AB4FL Trustee

## FCC to unleash unlicensed spectrum to relieve 'Wi-Fi Traffic Jam'

Shared-spectrum scheme with the Department of Defense

By [Rik Myslewski in San Francisco](#)

The US Federal Communications Commission has announced plans to open up a chunk of unlicensed spectrum to relieve the "Wi-Fi traffic jam," according to FCC chairman Julius Genachowski.

"We're announcing today that we're moving to free up a substantial amount of spectrum for Wi-Fi to relieve Wi-Fi congestion and improve Wi-Fi speeds at conferences and airports and ultimately in people's homes," Genachowski said at CES 2013 on Wednesday.

Genachowski said that there has been plenty of talk – and action – about the licensed-spectrum crunch because spectrum needs to be freed to satisfy America's insatiable thirst for broadband data access on their smartphones and tablets. But Wi-Fi needs some love as well, he said.

"There's also a Wi-Fi traffic jam," he said, "and anyone who's been to conferences and airports knows that it's true. And when you see what's going on on the [CES 2013 show] floor, and you see how much more video that wants to travel over Wi-Fi networks, you realize that we've got to do something about this."

The spectrum that will be freed up is in the 5GHz band, and is currently in use by the US government, namely the US Department of Defense and other agencies. "As in other areas," Genachowski said, "we are convinced the spectrum can be shared."

As one example of such sharing, he cited the Commission's unanimous approval last year of "mobile body area networks", or [MBANs](#), that hospitals use to wirelessly connect patients to sensors and other equipment. The spectrum that WBANs use will be shared with that used by a government agency – "I think it's air telemetry," Genachowski said, "but I could be wrong."

The new Wi-Fi spectrum won't magically appear tomorrow, however. "We have a lot of work to do on this," he said, "particularly with the federal agencies that have the spectrum, but it's going to be a terrific example of spectrum sharing when we get it done."

Genachowski said that there has already been work done on defining the parameters of freeing up the new Wi-Fi spectrum, but the FCC doesn't want to wait. "We're moving forward at a Commission proceeding next month," he said, "because we don't want to wait until we've worked out every problem and say, 'Okay, now we've done it.' We're moving forward with it, and we're going to work out the problems as we go."

Promises of more spectrum are all well and good, but exactly how much spectrum is Genachowski talking about? "We believe we can increase the amount of 5GHz spectrum for Wi-Fi by 35 per cent," he said. "If that number's wrong I'll stand corrected." ®

## **OPERATION RADAR – Camp Blanding, FL**

The amateur radio community of Florida has been invited to participate in the upcoming Operation Radar the week of February 4-8<sup>th</sup>. This paper is a rough draft of the goals and objectives we have been ask to accomplish.

There are two (2) ways amateur radio operators (RDO's) can be part of this mission;

The first way is to volunteer with your local county EOC or the Region in which you reside. This requires the RDO to make arrangements or to have been asked by the EMA or regional Director to participate. In this scenario, the RDO will be working within the realm of the regional team task that has been issued at Operation Radar. These RDOs will report to and be responsible to the Regional IC. Except for an extreme emergency, these RDOs will not leave the Regional venue.

While unnamed at this time, a new basic unit will be established and be put into service. This unit will operate as an assigned Region, getting assigned tasks and joining the other 7 Regions and served agencies participating in Operation Radar (OR). This unit will operate under NIMs protocols, with ICS leadership. There will be a Command post (CP) established and this unit will handle all amateur radio traffic (task) to and from the many Regions and served agencies.

Assigned task will involve as many of the following modes as possible;

Winlink2K, APRS, SEDAN, D-Rats both by radio direct and thru the internet, D-Star DV mode via radio direct and thru the internet, 1296 DV and High & Low speed Data direct and thru the internet, "HF", voice and CW (using ICS forms 213), analog VHF/UHF, and PSK31/63.

Along with the CP, at least two (2) mobile units are needed to deploy throughout Blanding to augment various Regions that need assistance in completing the assigned tasks that require amateur radio.

Requirements to be a member of the amateur Region team;

Valid licensed amateur radio operator, prefer General class or higher. If there are any openings not filled, technicians will be called on. RDOs must reside in Florida and have ICS courses 100, 200, 700 completed. Amateurs (NFL members) registered in the NFL Database will be called on first round. It is hoped that RDOs from the SFL & WCF sections will be part of this operation.

The FL-EOC reserves the right to "vet" all applicants and make the final decision for the team members. Once chosen, the selected amateur will receive an email on how to register on line for the Operation Radar event.

Monday, February 4<sup>th</sup> thru Friday, February 8<sup>th</sup>, 2013 is the event dates. Monday and Friday are travel days. Tuesday is setup and some classes, Wednesday and Thursday are exercise operations days. Thursday afternoon is the "Hot Wash". After the Hot Wash, you are free to travel, depending on how far you must go.

Expenses will be paid and/or lodging, food will be provided. Current mileage is \$0.44 cents a mile using the state of Florida mileage charts, not your speedometer. RDOs must arrive at Blanding with an almost

full tank of fuel (Starke is 6 miles away). Your fuel tanks for vehicles, generators or equipment will be topped off upon departure from the exercise on Friday.

The SFL and WCF SMs will be advised of this operation ASAP, so potential RDOs can start the registration process. The SMs will be invited to participate on a conference call to discuss details. RDOs in the SFL & WCF sections should go thru their SM/SEC when applying for this assignment.

Interested RDOs must send an email stating your skill sets, available equipment you will bring, and what modes you would like to use and support. Certain multiple skill sets will have priority over single mode operators. RDO positions are limited to an extent. Emails need to be received by Sunday, January 13<sup>th</sup>, 2012 to be considered. Please provide a contact PX number.

This is a multiple section event and the FL-EOC is in full support of amateur radio for this event.

This is a chance to put amateur radio visible to served agencies and the public. We are looking forward to working with everyone to complete this mission.

For any information, questions or understanding, contact Paul, [KJ4G@arrl.org](mailto:KJ4G@arrl.org), 850-591-0442

**SOUTHWEST FLORIDA HAMFEST and  
SOUTH FLORIDA SECTION CONVENTION 2013**

**\*\*\* NEW LOCATION \*\*\***

**Southwest Florida Public Service Academy  
4312 Michigan Avenue, Fort Myers, FL 33905  
*SEE BACK OF FLYER FOR MAP***

**SATURDAY, JANUARY 19, 2013, 8 AM TO 3 PM**

**See website for current list of Forums and Vendors**

**[www.fmarc.net](http://www.fmarc.net)**

**Talk-In Repeater: 147.345 (No Tone)**

**General Admission: \$5.00**

**Children 12 and under - free with paying adult**

**Students 13-18 \$3.00 with valid student ID**

**SET-UP**

**Friday, 4 PM TO 9 PM**

**Saturday, 6 AM TO 8 AM**

**Vendor Tables: \$15.00 (All Vendors must purchase Ticket)**

**Indoor Vendor Setup - Friday Jan 20, 4-9 PM**

**Tailgate Spaces: \$10.00 (Includes 1 Admission Ticket)**

**Additional Tailgate Spaces: \$5.00 Each**

**Free Parking - Handicap Parking Available**

**Quality Food, Reasonable Prices on site**

**SECURITY: On site security will be provided**

**Hourly Prizes and GRAND PRIZE plus two RUNNER - UP prizes**

**HAMFEST CHAIRPERSON CONTACT**

**Drexel Turner, W4DHT**

**(239) 464-1350**

**[W4DHT@arri.net](mailto:W4DHT@arri.net)**

**VENDOR/TABLE CONTACT**

**Larry Zimmer, W4LWZ**

**(941) 380-2483**

**[W4LWZ@arri.net](mailto:W4LWZ@arri.net)**

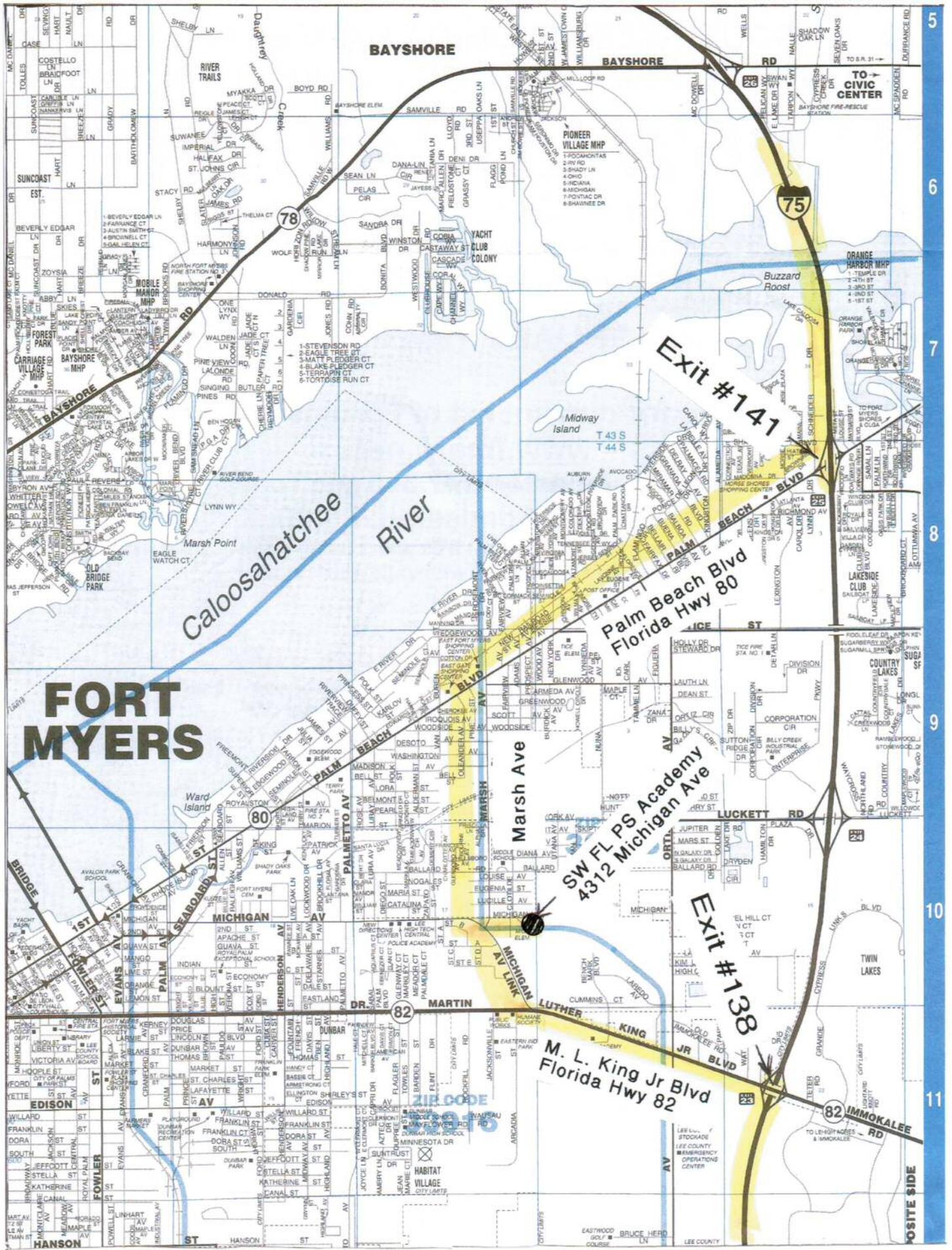
**MAIL TICKET REQUESTS TO:**

**FMARC**

**P. O. Box 061183**

**Fort Myers, FL 33906**

**Please include SASE, otherwise tickets will be held at door.**



# FORT MYERS

BAYSHORE

BAYSHORE

Cabo Sahatchee River

Exit #141

Palm Beach Blvd  
Florida Hwy 80

Marsh Ave

SW FL PS Academy  
4312 Michigan Ave

Exit #138

M. L. King Jr Blvd  
Florida Hwy 82

ZIP CODE  
33901

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11

POSITIVE SIDE

Get Ready For The 67th

# ORLANDO HamCation®

Amateur Radio & Computer Show

## 2013

February 8, 9, & 10

AT THE CENTRAL FLORIDA FAIRGROUNDS

4603 West Colonial Drive (SR-50) Orlando, Florida 32808

Fri. 12 noon to 6 pm Sat. 9 am to 5 pm Sun. 9 am to 2 pm

Advanced Purchase Ticket (ends Jan 19, 2013) **\$10.00**

Ticket at Gate **\$12.00**

Tickets are good for all days of HamCation®

- ◆ ARRL Southeastern Division Convention ◆ Special Guest Speakers
- ◆ 150 Commercial Exhibits ◆ Over 400 Swap Tables ◆ Largest Tailgate Area In Southeast
  - ◆ Florida Weak Signal Society Meeting ◆ Testing On Saturday
- ◆ Free Parking ◆ RV Camping On Premises (\$25 per night) ◆ Fox Hunt (4 pm Saturday)
- ◆ Courtesy Talk-In On 146.76 (No tone) (Backup Talk-In On 147.015 and 146.82 D-Star)
- ◆ Guest Friendly Central Florida Atmosphere ◆ Theme Parks Nearby
- ◆ **PRE-REGISTRATION** for RV, Swaps, Tailgate ends **January 19, 2013**. Thereafter Will Call

**SUNDAY GRAND PRIZE**  
**Aluma Tower T-40 HN**  
Donated by Aluma Tower



**SATURDAY GRAND PRIZE**  
**Icom IC 7100**  
**& Tarheel Antenna**  
Donated by OARC

Check the latest  
**INFORMATION**

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Outside FL: **800-214-7541**

email: [info@hamcation.com](mailto:info@hamcation.com)

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**EARLY BIRD PRIZE**

Win a chance for a

**Yaesu FT 7900R**  
**Dual Band Transceiver**

Donated by OARC

Purchase tickets before

January 19, 2013.

See details inside flyer!

## Club Information

Next Meeting Time: January 22th @ 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 – WB2WPA 147.030 mHz (+600 kHz)

### Club Officers:

President: Uli Altvater – [AG0X@araswf.org](mailto:AG0X@araswf.org)  
Vice President: Eric Gissendaner – [KF4IXA@araswf.org](mailto:KF4IXA@araswf.org)  
Secretary/Treasurer: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Director: George Tomlinson – [AA4GT@araswf.org](mailto:AA4GT@araswf.org)  
Director: Gary Lee – [K8YMN@araswf.org](mailto:K8YMN@araswf.org)  
Director: Henrietta Horvay – [KA1JVN@araswf.org](mailto:KA1JVN@araswf.org)  
Director: Frank Halas – [W4RBW@araswf.org](mailto:W4RBW@araswf.org)  
Past President: Bill Krauss – [N1MMQ@araswf.org](mailto:N1MMQ@araswf.org)  
Newsletter Editor: Ken Bills – [W9KB@araswf.org](mailto:W9KB@araswf.org)  
Webmaster: Bob Graf – [W2HI@araswf.org](mailto:W2HI@araswf.org)

### Club Website:

<http://www.araswf.org>

Visit  
the



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

**Web Site**

**www.araswf.org**