

HAPPY THANKSGIVING! !



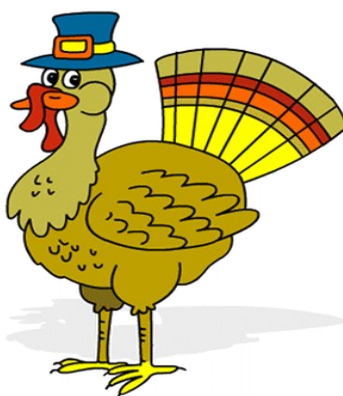
ARASWF

Newsletter



Vol. MMXI No. 11 The Journal of the Amateur Radio Association of Southwest Florida
November 2011

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**Next Meeting will be held on November 22nd 2011 at 7.00pm at the Red Cross,
Naples.**

From the President's Shack

I want to thank everybody that helped the Club out this year. Now we have to get ready for the Christmas Party. It will be at Royal Wood Country Club This place is top shelf. Please get your tickets at the next meeting.

We need people to step up and run for Office. When we vote for the officers, it will be a full slate. I hope that you think about running.

I want to thank all the people for the phone calls and cards for Mary. She come home on Sunday the 6th and she is doing good in her walking.

This meeting Joe K9KNW will be running an auction. Please bring anything you want to donate to the Club or you want to sell outright.

Don't forget that we have lunch at Royal Wood Country Club the 1st and 3rd Wednesday of the month. This is a good chance to see where the Christmas Party will be held.

Hope to see you at the meeting.

73

George AA4GT

Meeting Minutes

No formal minutes taken at the October meeting; no informal ones sent to me either!

New Members

None this month!

News Items

from Bob (W2HI)

ELECTIONS: At the upcoming membership meeting in November, you will be asked to vote for an entirely new slate of officers for 2012. In preparing for this election, you may find it helpful in knowing who served as club officers in recent years. A listing of club officers for the past 16 years, from 1996 to 2011, is shown below.

ARASWF PAST OFFICERS

<u>Year</u>	<u>President</u>	<u>Vice-Pres</u>	<u>Secretary</u>	<u>Treasurer</u>
1996	AD4TR Martin	N4XSE Michael	N4VMT Phil	N4VMT Phil
1997	AD4TR Martin	N4XSE Michael	N4VMY Phil	N4VMT Phil
1998	KE4RGH Bill	K4ADR AD	K4VRY Steve	K4VRY Steve
1999	AD4TR Martin	K4ADR AD	KD4VRZ Gary	KD4VRZ Gary
2000	AD4TR Martin	NSØI John	KF4MJJ Fred	KF4MJJ Fred
2001	K4ADR AD	NJ2F Jeff	K2ZEL Bill	K2ZEL Bill

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2002	K4ADR AD	WB2QLP Jordan	K2ZEL Bill	K2ZEL Bill
2003	K4SWF Mark	WB2QLP Jordan	K2ZEL Bill	K2ZEL Bill
2004	K4SWF Mark	WB2QLP Jordan	KI4AIM Rick	K2ZEL Bill
2005	KB4ETT Corey	KI4AII Carl	KG4ZLB David	K2ZEL Bill
2006	KK4PG Peter	KI4AII Carl	KG4ZLB David	K2ZEL Bill
2007	KK4PG Peter	- -	W2HI Bob	K2ZEL Bill
2008	KK4PG Peter	KI4UAT Tim	W2HI Bob	K2ZEL Bill
2009	W4SFR Dave	KG4ZLB David	W2HI Bob	K2ZEL Bill
2010	W4SFR Dave	KG4ZLB David	W2HI Bob	KC4SSD Tim
2011	AA4GT George	N1DL Karl	W2HI Bob	K9KNW Joe

from Bill (K2ZEL)

PROJECT IDEAS (Part One)

Sources – Kits and Parts

Introduction

Before taking and passing the required examinations for an amateur radio license, one must prepare for that test. This process requires the study of the theory related to radio operations and the rules and regulations applying to the radio operator. After reading, studying, and “learning” the concepts of basic electricity and electronics one also needs to understand this theory to recognize whether or not his/ her station is operating properly. Experience has shown that the “hands on” approach to these concepts provides a greater probability to that under-standing. “Hands On” means taking simple circuit diagrams from a study reference and building the device and with appropriate tools/ instruments study its operation. Historically this has been accomplished with “breadboards” (Ref. April ARASWF newsletter) or through the building of a “kit” (i.e. Heathkit or similar). If you have a “junk box” (a collection of odd parts and pieces) the solder-less connector blocks are ideal breadboards on which to build experimental circuits for testing and experimenting. “Heathkits” do not exist as they have “gone out of business”. There are a number of businesses that offer learning kits and can be identified through an internet search. Many of these kits are relatively inexpensive and may be constructed using with a basic set of tools.

For the amateur radio hobby, the area of QRP (low power) offers the hobbyist complete receivers, transmitters, transceivers as well as modules (individual circuit blocks) from which the builder can assemble a complete working receiver or transmitter. In Part Two (next month) this author will be presenting “Basic Tools and Instruments” for your work bench.

Sources – Parts

In my region of Florida there are few sources for components. Radio Shack has a limited “off the shelf” part inventory and there is no other source for components. I am fortunate that over the years I have collected an extensive “junk box” of components that have been salvaged from a variety of electronic devices. Some of these components have been sorted into “recycled baby food jars, plastic pill bottles, assorted plastic tubs and jars, and small boxes for use in building circuits for experimentation. For special projects I usually make a parts list from the article or from a circuit diagram and “mail order” from a supplier via the internet. Sources that I have found that are reliable are “Mouser”, “Digikey”, “Jameco” and “Newark” for new components. Alltronics has a variety of components that are surplus and over-runs from manufacturers. Some of these suppliers have minimum order requirements. There are many other suppliers for specialized components that you may find with a suitable internet search.

Sources – QRP Kits and Parts

Working with a kit has at least two very important advantages over making a list and ordering the components. First, you get all the parts and the circuit board on which to build the project. Second, you will also get "Instructions" or the source for the instructions for the building process. These advantages are important as you can start working on receipt of the kit (I have several cigar boxes with potential projects stagnant for the lack of a few components that I cannot find yet in my junk box and have to order or find at a ham fest).

In selecting a project to begin it may be desirable to build a module for learning or something useful for your ham shack or work bench. QRP kits/ modules will provide with are also available projects which will supplement your station or work bench. Ham fests and internet suppliers will offer you a wide selection of projects. Follows selected "urls" for selected websites for QRP project kits and specialized parts. Associated with each site there is a short annotated statement regarding the website.

<http://www.danssmallpartsandkits.net>

This site emphasizes small parts rather than kits. The small parts include not only the usual passive components but also assorted torroids that may be used in winding inductors and transformers for various band-pass filters, etc. in numerous qrp RF projects. Many active devices are also offered. Several qrp cw receiver/transmitters are available.

<http://www.kitsandparts.com>

This site emphasizes kits, in particular, modular units (audio amp, balanced modulator/ demodulator, rf amp, if amp, etc.) which are very useful in assembling a complete radio and studying the operation of the individual modules. The prices are reasonable and instructions available for all kits.

The remaining sites will provide more challenging projects with information allowing you to select the best project for your skill level. Sampling these sites and reading the information available will provide insight into modern communications.

<http://www.qrpkits.com>

This site has a selection of kits that have been designed by a number of amateurs and are popular with many amateurs. Most are TTH construction and will give the builder a successful experience building a working transceiver operational on one or more bands.

<http://www.amqrp.org>

<http://www.norcalqrp.org>

<http://www.qrparci.org>

<http://www.kd1jv.qrpradio.com>

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These sites offer the builder significantly more challenging projects for the builder and offer the latest in design (both software defined systems and hardware units) that will compete favorably with the commercial products. An initial internet search for "qrp kits and parts" produced 27500 possible sites to check for possible kits throughout the world. It would be impossible for one to examine and evaluate them all for personal use or passing on to the reader. There is a lot of information available and group help for the individual that wishes to proceed with a building project. Check some of them out and build a few. It is great learning, fun, and a real sense of pride and satisfaction when you personally build an operational radio receiver/ transmitter/ transceiver.

de K2ZEL

Trading Post

Nothing this month – but remember to attend the November meeting for the auction!

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Club Information

Meeting Info: 4th Tuesday @ 7:00pm

American Red Cross
2610 Northbrooke Plaza Drive
Naples FL

Club Repeater: WB2QLP
146.670 (-600) PL 136.5
EOC Repeater: WB2WPA
147.030 (+600)

Club Web Site:

<http://www.araswf.org>

President: AA4GT

George

Vice President: N1DL

Karl

Secretary: W2HI

Bob

Treasurer: K9KNW

Joe

Director: KK4PG

Peter

Director: AG0X

Uli

Director: W4RBW

Frank

Past President: W4SFR

Dave

Newsletter Editor: KG4ZLB

David

Webmaster: W2HI Bob

Visit
the



**Amateur Radio Association
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Web Site

www.araswf.org