



ARASWF News Letter



**Vol. MMXXVI No. 4 - The Journal of the Amateur Radio Association of Southwest Florida
April 1st, 2026**

The April 1st Meeting will be held at
Veterans Park; 1895 Veterans Park Drive, Naples, FL.
off Immokalee Road in the small building by the dog park. Time is 6:00 pm

Link to balloon site <http://sites.google.com/view/blueoceanadventures> updated site, new location.

The 146.670 repeater has Echo link reinstalled.

New repeater 145.300 -136.5 145.150 -141.3

Club Nets are held on the 146.670 -136.5 or the 147.030 +136.5 repeaters.

ARESCC Nets will be when called for.

ARASWF Information Net is Tuesday at 7:30 pm.

please volunteer

Net coordinator:

And are in need of Net Control operators,

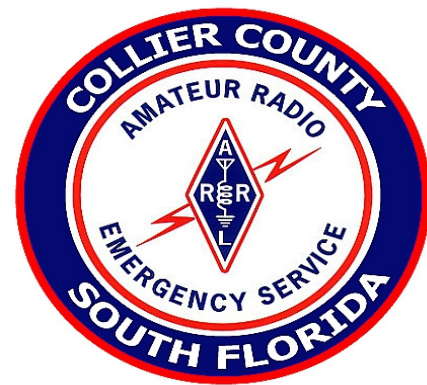
Foster Kawaler K4FEK

Sunday's Backwoods Net on 147.030 Mhz +136.5 at 7:30pm

efram1@juno.com

Allstar node 41860. See <http://stats.allstarlink.org/nodeinfo.cgi?node=41860>

Amateur License Exams
Monthly, 1st Tuesday, 5:30 pm
 Doors open at 5 pm
appointment required
text, phone, or email
for information and location
Mark Harms
239 331-9616
AC4ZM@ARASWF.ORG



Meetings now held at
Naples Aviation Pilot's Lounge
250 Aviation Dr. South
Naples, FL. 34104

CLUB OFFICERS

New member alert from passing an Amateur License Test

President	AC4ZM	Mark	Director	K4FEK	Foster	
VP		OPEN	Director		OPEN	e
Finance	KBOJL	Rob	Director	WA2FHX	Dennis	
Secretary		OPEN	Director	N4YE	John	In Person
VE Testing	AC4ZM	Mark	Web Master	NC2H	Craig	Online computer testing

Looking for a VP, Secretary, and Director !

We have tested 2 people for 2026

NEW 145.300 -136.5 K1NEW Repeater on the
NEW 145.150 -141.3 CCSO Repeater on the

“ BES Building “ Give it a try – often.
“SAR tower near US-29 & US 41

**Thank you from the President
AC4ZM Mark**

ELECTRICAL SAFETY

Safety in the Shack

Part one: *Electricity in the home*

A few General Questions from the Pool

SUBELEMENT G0 – ELECTRICAL AND RF SAFETY [2 Exam Questions – 2 Groups] 25 Questions

G0A – RF safety principles, rules, and guidelines; routine station evaluation

G0B – Station safety: electrical shock, grounding, fusing, interlocks, and wiring; antenna and tower safety

G5B09 (B) *(hint RMS voltage is the DC equivalent of an AC voltage)*

What is the RMS voltage of a sine wave with a value of 17 volts peak?

- A. 8.5 volts
- B. 12 volts
- C. 24 volts
- D. 34 volts

G0B06 (C)

Which of the following is covered by the National Electrical Code?

- A. Acceptable bandwidth limits
- B. Acceptable modulation limits
- C. Electrical safety of the station
- D. RF exposure limits of the human body

G0B08 (B)

What should be done before climbing a tower that supports electrically powered devices?

- A. Notify the electric company that a person will be working on the tower
- B. Make sure all circuits that supply power to the tower are locked out and tagged
- C. Unground the base of the tower
- D. All these choices are correct

G0B11 (D)

Which of the following is required for lightning protection ground rods?

- A. They must be bonded to all buried water and gas lines
- B. Bends in ground wires must be made as close as possible to a right angle
- C. Lightning grounds must be connected to all ungrounded wiring
- D. They must be bonded together with all other grounds

Bonus Question *(hint: $I=E/R$)*

An electrical current of .007 Amps (7mA) across the heart for three seconds can be fatal. 100 mA is usually fatal. For electrical safety calculations, to allow for a “worst case scenario,” the body’s resistance is assumed to be 1,000 ohms. Using Ohms law, calculate the current that might flow in someone who “gets across” a 120 volt circuit.

- A. .120 mA
- B. 12 mA
- C. 1.2 A
- D. 120 mA

We covered questions G0B01 thru G0B05 last month.

Doug Bingley will give a more in depth discusion on the topic of Safety in the Shack

Part one: *Electricity in the home*

If anyone is aware of other members who are not well or in the hospital please notify
AC4ZM Mark so we can reach out to them.

Also if anyone would like to donate their equipment to the club :

Text or phone (239)-331-9616

Email AC4ZM@hotmail.com

South of the orange tree !

VE, ARASWF, Board, and ARESCC Meeting Dates (2026-2027)

VE Testing
5:00 pm Doors open
By Appointment

Tuesday

Year 2026

03/03/26
04/07/26
05/05/26
06/02/26
07/07/26
08/04/26
09/01/26
10/06/26
11/03/26
12/01/26

Year 2027

01/05/27
02/02/27
03/02/27

ARASWF Club Meeting
6:00 pm – 8:00 pm
Veterans Community Park
Off Immokalee Road
Wednesday

03/04/26
04/01/26
05/06/26
06/03/26 Perkins
07/01/26 Perkins
08/05/26 Perkins
09/02/26
10/07/26
11/04/26
12/02/2026 (Restaurant)

01/06/27
02/03/27
03/03/27

Board Meeting
12:00 noon – 1:00 pm
Perkins Restaurant
Pine Ridge Road
Wednesday

03/18/26
04/22/26
05/20/26
06/17/26
07/22/26
08/19/26
09/23/26
10/21/26
11/18/26
12/16/26

01/20/27
02/17/27
03/23/27

ARESCC Meeting
3:00 pm – 4:30 pm
Naples Airport
250 Aviation Drive S
Thursday

03/26/26
04/30/26
05/28/26
06/25/26
07/30/26
08/27/26
09/24/26
10/29/26
11/19/26
12/17/26

01/28/27
02/25/27
03/25/27

The club is looking for a new home for the remote radio station.

Requires an internet connection.

Equipment provided by the club.

Arlen W9PCI Can help with set up and instructions.

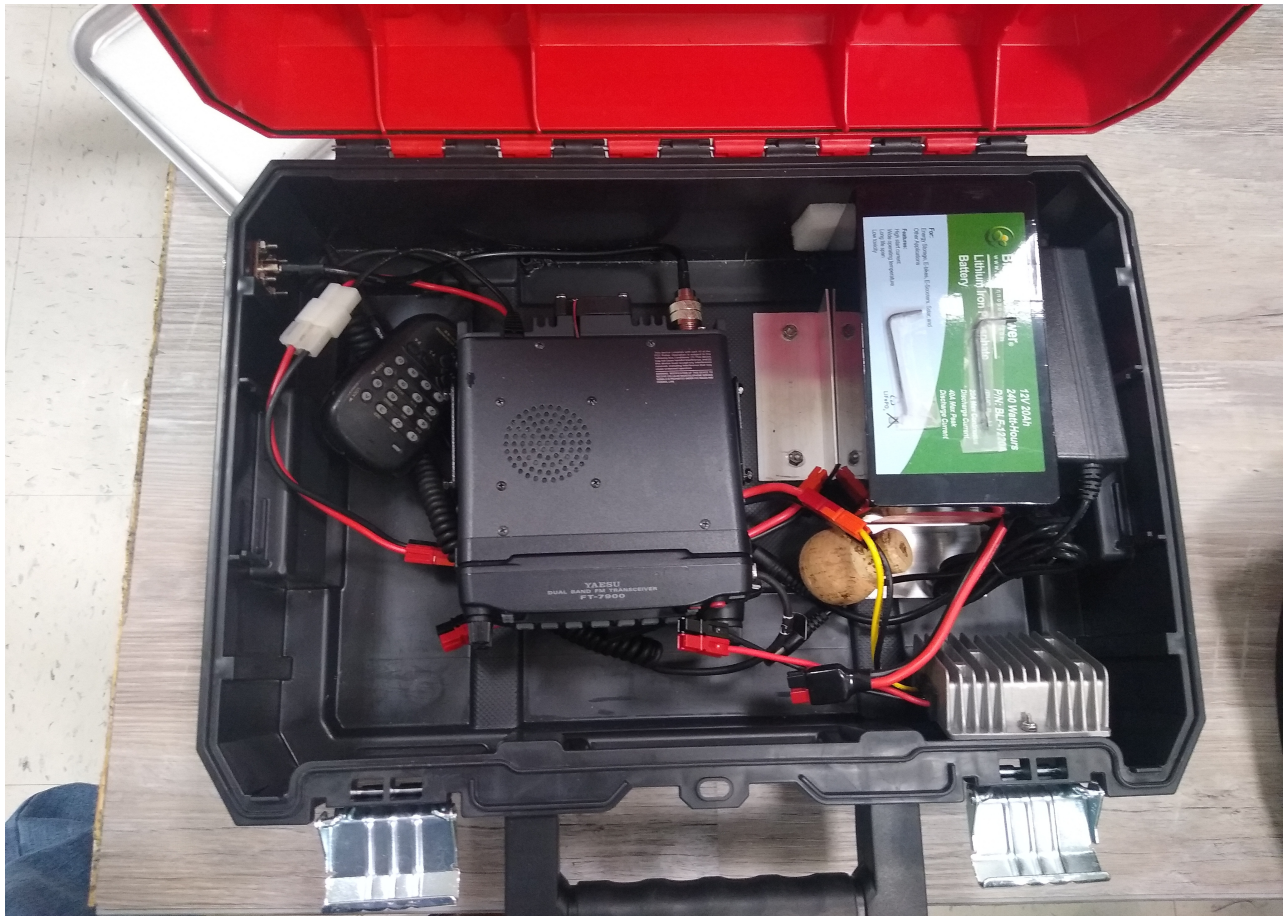
Join in on the club's fun activities and radio practices.

Looking for a VP, Secretary, and Director !

AMATEUR RADIO ASSOCIATION OF SWFL	
SIGN IN SHEET	DATE: 4 MAR 26
NAME	CALL SIGN
1 CJ BELLING	K4CJB
2 John Beattie	N4YE
3 Jamin Vell	K4YVU
4 Dave Fischens	KE2DB
5 MARK HARRIS	AC4ZM
6 - - - -	- - - -
7 SCOTT KRELL	K1SMK
8 Jim Wierowski	N2LCH
9	
10 WAYNE ALLEN	KB9ND
11	W9PCI
12	
13	
14 SNARROW HINER	NH6GR
15	
16 Bert Zoll	N1TQ
17	
18 Russell J Twilley	KM4ZGP
19	
20 Ed Jones	KQ4FMS
21 Rob Tam	EB0JL
22 Vern Brownell	W1VB
23 DENNIS BUONOCORE	W4ZFHX
24 CHRIS BURNS	KR4IAZ
25	

(17)

Go Kits and different configuration



ARESCC Go-Kit 1.0

Rev C

<u>Qty</u>	<u>Description</u>	<u>Est. Cost</u>	<u>Source</u>	<u>PN/SKU/Search Phrase</u>
<u>Basic Go-Kit with Radio Only</u>				
1	Craftsman VersaStack Tool Case	\$36.00	Lowe's	1048637
1	SO239 Bulkhead to PL259 RF Cable, 1ft	\$10.53	Ebay	"RG58 PL259 UHF Male to SO239"
1	DC Step-up Booster, 12V to 13.8V 20A 276W	\$39.00	Ebay	"20A 276W"
1	Misc. Machine screws/hardware	\$2.00	Ace Hardware	
2	Battery Voltage/Current Indicator	\$25.00	Amazon	"Precision Watt Meter"
1	Misc. PowerPole connectors	\$6.00	PowerWerx	
1	2 Meter Radio: Yaesu FT-7800R/7900R	\$275.00	Ebay	"FT-7800" or "FT-7900"
		<u>\$393.53</u>		
<u>15AH Bioenno Battery Option</u>				
1	15AH LiFePO4 Battery with PowerPole Conn.	\$165.00	Powerwerx	BLF-1215A
1	Battery Charger, 4A for above Battery	\$30.00	Powerwerx	BPC-1504DC
1	Aluminum Right Angle Bracket, 1.5" x 1.5"	\$5.00	Ace	1.5" x1.5"
		<u>\$200.00</u>		
<u>20AH Bioenno Battery Option</u>				
1	20AH LiFePO4 Battery with PowerPole Conn.	\$220.00	Powerwerx	BLF-1220A
1	Battery Charger, 4A for above Battery	\$30.00	Powerwerx	BPC-1504DC
1	Aluminum Right Angle Bracket, 1.5" x 1.5"	\$5.00	Ace	1.5" x1.5"
		<u>\$255.00</u>		
<u>1/4 Wave Mag Mount Antenna Option</u>				
1	3" Magnet Mount with NMO with 16.4ft RG58, PL259	\$27.99	Amazon	"HYS TC-MB90 NMO"
1	1/4 wave 2-meter NMO Antenna Base (includes whip)	\$30.60	Amazon	"NMOQ"
1	Optional: #12 Black Wire, 19-1/4 inches	\$0.00	Ace	
		<u>\$58.59</u>		
<u>5/8 Wave Mag Mount Antenna Option</u>				
1	5" Magnet Mount with NMO with 17ft RG58A, PL259	\$37.99	Amazon	"1265R"
1	5/8 wave 2-meter NMO Antenna Base, with 49" Whip	\$48.34	Amazon	"NMO150C"
		<u>\$86.33</u>		
<u>Misc. Optional Parts</u>				
	Spare 55" Stainless Steel Whips	\$13.19	Mouser Electronics	RO55T
	12" Bolt Cutter to cut Stainless Steel Whips to length	\$7.99	Harbor Freight	SKU 60677
	SO-239 UHF Female to SMA Male, 6" adapter cable, 2-pack	\$6.98	Amazon	"Cable SMA Male to UHF SO-239"
	SMA Female to SMA Female Adapter for Baofeng, 2-Pack	\$7.49	Amazon	"2-Pack SMA Female to SMA Female"
	15"x21" Mega Cookie Sheet Ground Plane	\$17.99	Target	"Wilton 15"x21" Mega Cookie Sheet"

Estimated Cost of Typical Configurations with Options

Basic Go-Kit with 15AH Battery and 1/4 wave Antenna	\$652.12
Basic Go-Kit with 20AH Battery and 1/4 wave Antenna	\$707.12
Basic Go-Kit with 15AH Battery and 5/8 wave Antenna	\$679.86
Basic Go-Kit with 20AH Battery and 5/8 wave Antenna	\$734.86

If you find any errors or have questions please email Rob Timm, KB0JL at robtm4@gmail.com