ARASWF News Letter

Vol. MMXXVI No. 5 - The Journal of the Amateur Radio Association of Southwest Florida
May 6th, 2026

The May 6th 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 ***efraim1@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

President	AC4ZM	Mark	Director	K4FEK	Foster
VP		OPEN	Director		OPEN
Finance	KBOJL	Rob	Director	WA2FHX	Dennis
Secretary		OPEN	Director	N4YE	John
VE Testing	AC4ZM	Mark	Web Master	NC2H	Craig

New member alert from passing an Amateur License Test

In Person **Online computer testing**

We have tested 2 people for 2026

Looking for a VP, Secretary, and Director !

NEW 145.300 -136.5 K1NEW Repeater on the **" BES Building " Give it a try – often.**
NEW 145.150 -141.3 CCSO Repeater on the **"SAR tower near US-29 & US 41**

Thank you from the President
AC4ZM Mark

Antenna structure

A few General Questions from the Pool

G1B – Antenna structure limitations; good engineering and good amateur practice; beacon operation; prohibited transmissions; retransmitting radio signals

G1B01 (C) [97.15(a)]
What is the maximum height above ground for an antenna structure not near a public use airport without requiring notification to the FAA and registration with the FCC?

- **A. 50 feet**
- **B. 100 feet**
- **C. 200 feet**
- **D. 250 feet**

G1B02 (A) [97.203(b)]
With which of the following conditions must beacon stations comply?

- **A. No more than one beacon station may transmit in the same band from the same station location**
- **B. The frequency must be coordinated with the National Beacon Organization**
- **C. The frequency must be posted on the internet or published in a national periodical**
- **D. All these choices are correct**

G1B03 (A) [97.3(a)(9)]
Which of the following is a purpose of a beacon station as identified in the FCC rules?

- **A. Observation of propagation and reception**
- **B. Automatic identification of repeaters**
- **C. Transmission of bulletins of general interest to amateur radio licensees**
- **D. All these choices are correct**

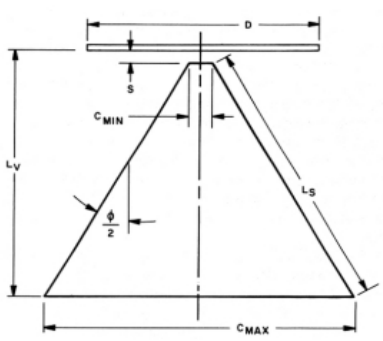
G1B04 (C) [97.113(c)]
Which of the following transmissions is permitted for all amateur stations?

- **A. Unidentified transmissions of less than 10 seconds duration for test purposes only**
- **B. Automatic retransmission of other amateur signals by any amateur station**
- **C. Occasional retransmission of weather and propagation forecast information from US government stations**
- **D. Encrypted messages, if not intended to facilitate a criminal act**

G1B05 (B) [97.111((5)(b)]
Which of the following one-way transmissions are permitted?

- **A. Unidentified test transmissions of less than 10 seconds in duration**
- **B. Transmissions to assist with learning the International Morse code**
- **C. Regular transmissions offering equipment for sale, if intended for amateur radio use**
- **D. All these choices are correct**

Disk Cone Antenna:



Preferred Units	Imperial System [inch]
min. Freq. [MHz]	144 (+5 % / -5 %)
Ls	22.7303
Cmax	23.4346
D	16.4042
Φ [°]	60.0
Lv	19.6850
Cmin	0.9092
S	0.2728

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 whould like to donate their equipmet 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	ARASWF Club Meeting 6:00 pm – 8:00 pm Veterans Community Park Off Immokalee Road Wednesday	Board Meeting 12:00 noon – 1:00 pm Perkins Restaurant Pine Ridge Road Wednesday	ARESCC Meeting 3:00 pm – 4:30 pm Naples Airport 250 Aviation Drive S Thursday
Year 2026			
05/05/26	05/06/26	05/20/26	05/28/26
06/02/26	06/03/26 Perkins	06/17/26	06/25/26
07/07/26	07/01/26 Perkins	07/22/26	07/30/26
08/04/26	08/05/26 Perkins	08/19/26	08/27/26
09/01/26	09/02/26	09/23/26	09/24/26
10/06/26	10/07/26	10/21/26	10/29/26
11/03/26	11/04/26	11/18/26	11/19/26
12/01/26	12/02/2026 (Restaurant)	12/16/26	12/17/26
Year 2027			
01/05/27	01/06/27	01/20/27	01/28/27
02/02/27	02/03/27	02/17/27	02/25/27
03/02/27	03/03/27	03/24/26	03/25/27
04/06/26	04/07/26	04/21/26	04/29/26
05/04/26	05/05/26	05/19/26	05/27/26

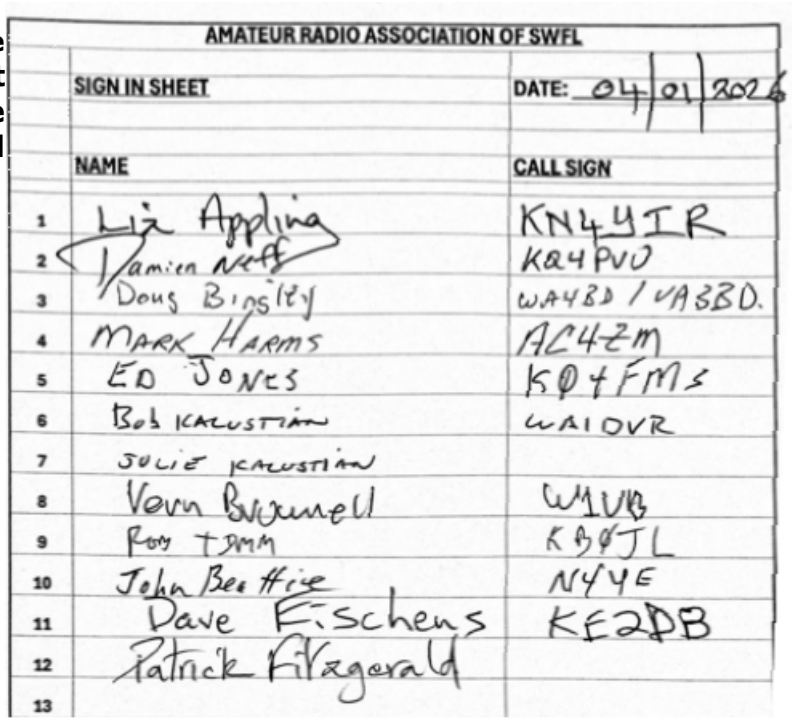
The club is looking for a new home for the remote radio station. Requires an internet connection. Equipment provided by the club. Arlen W9PCI Can help with set up and instructions.

Looking for a VP, Secretary, and Director !

Topic of discussion

ARRL's FEILD DAY 2026
Are you interested ??
SAT - June 27 12:am to 5:pm
Contacts Start at 2:pm
or
SUN - June 28 12:am to 5:pm

Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday.



AMATEUR RADIO ASSOCIATION OF SWFL

SIGN IN SHEET DATE: 04/01/2026

	NAME	CALL SIGN
1	Liz Appling	KN4YIR
2	Damien Neff	KQ4PVU
3	Doug Bingley	WA4BD / VA3BD.
4	Mark Harms	AC4ZM
5	Ed Jones	KQ4FMS
6	Bob Kalustian	WA1OVR
7	Julie Kalustian	
8	Vern Burnell	W1VB
9	Roy Timm	KB0JL
10	John Beatrice	N4YE
11	Dave Eischens	KE2DB
12	Patrick Fitzgerald	
13		

Who would like to help by transportating the clubs equipment to Veterans Park and back to storage ? The same goes for club's trailer tri-beam antenna.

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

WHEN PHONES FAIL...
HAM RADIO CONNECTS

Sheriff Kevin Rambosk invites you to join the CCSO Emergency Radio Service Working Group

Hurricanes | Cell Service Down | Internet Out | HAM RADIO WORKS

Amateur radio operator volunteers provide critical communications when disasters knock out cell phones and internet.

Sheriff Rambosk himself is an amateur radio operator with license: Amateur Radio Extra Class License KR4YX

SERVE YOUR COMMUNITY

- Support first responders
- Maintain emergency communications
- Strengthen community disaster response

INTERESTED IN JOINING?

communityaffairs@colliersheriff.org

✓ Your name, phone, any ham radio experience (not required)

FREE TRAINING

Join us for our kick off meeting June 8th 6pm @ Emergency Services Center 8075 Lely Cultural PKWY

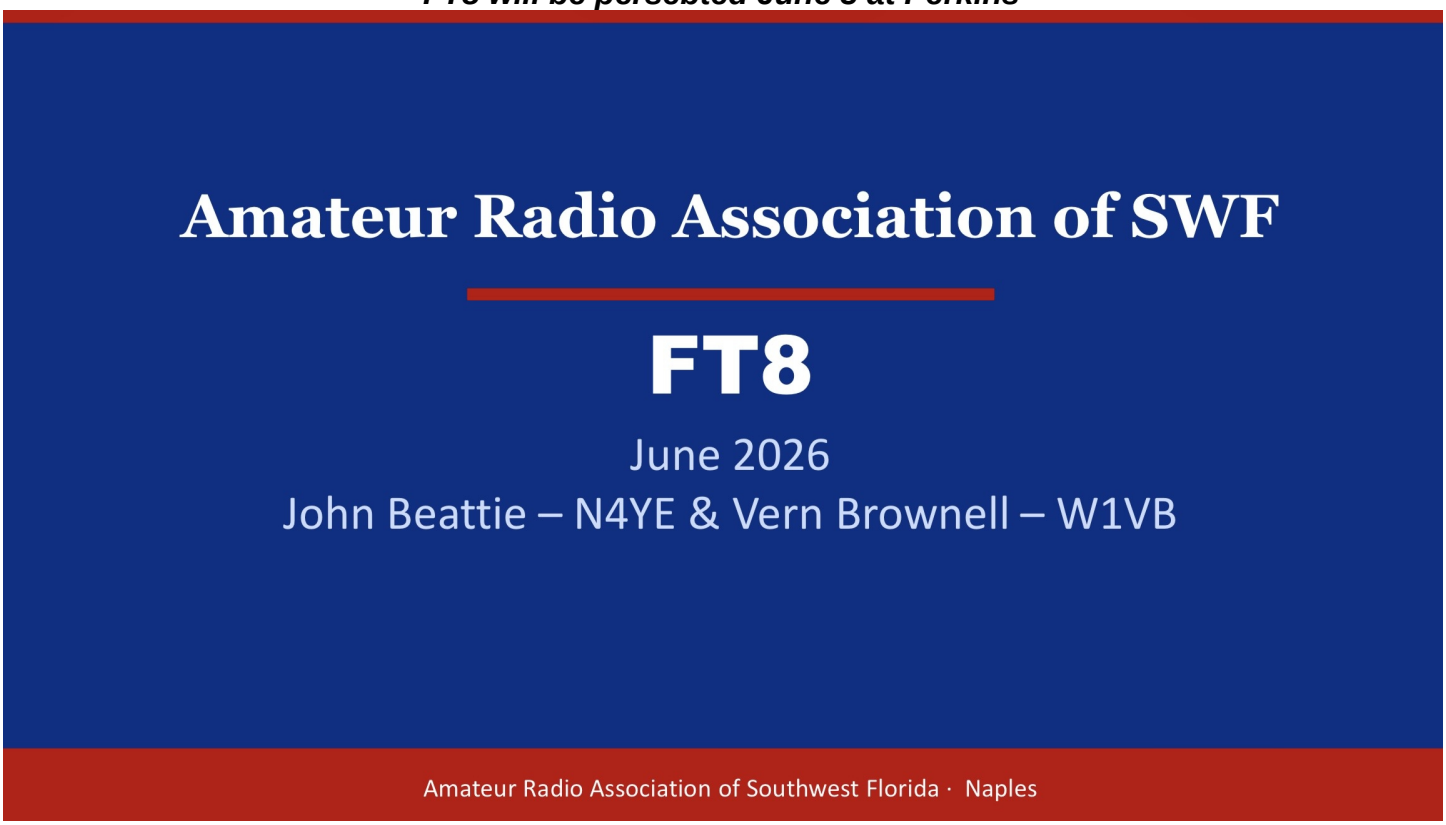
Supported by the Collier County Sheriff's Office Emergency Management Division

CCSO Emergency Radio Service Working Group mission:
Building robust, redundant community communications through a dedicated amateur radio team.

This program is backed by Sheriff Rambosk (KR4YX) himself. We hope to get as many Hams as possible involved in the group. Our kick off meeting is Monday, June 8th 6:00pm at CCSO Emergency Services Center, 8075 Lely Cultural Pkwy.

Please Atten

Moxon Beam
will be presented May 6 at Veterans
and
FT8 will be persebted June 3 at Perkins



A Yagi-Uda antenna (pronounced Yah-gee Oo-dah) is a highly directional, beam-type antenna used for long-range, point-to-point communication in VHF/UHF bands, such as TV reception, Wi-Fi, and ham radio. It utilizes a dipole, reflector, and multiple directors to focus radio energy, providing high gain, strong interference reduction, and increased signal strength for distant stations.

The Yagi antenna, often called a Yagi-Uda antenna, is named after its Japanese inventors, Dr. Hidetsugu Yagi and Shintaro Uda, who developed the directional array in the mid-1920s. While Uda was instrumental in the technical invention, Yagi popularized it in English, leading to the widely known shorter name.