



# SHARK NEWS

THE OFFICIAL NEWSLETTER OF CAPE MAY COUNTY AMATEUR RADIO CLUB

## September 2021



From The Desk of the President:

Unfortunately, the weather was bad so we had to cancel The International Lighthouse / Lightship Weekend

**NAS Wildwood Aviation, Air Fest** -September 3 -6, 2021, the club will have a Ham Radio demonstration all four days. Help is needed 10:00 to 16:00 HRS each day. Rich KD2NRJ is Team Leader, assisting Bob KD2HIP.

**MS Bike Ride City to Shore**, September 25 - 26,2021. Contact Tim N2LTQ for all the information.

Please read the weekly updates from the President, this will keep you up on what we are doing for the club week to week

- Tech Corner - - -

What is Ham Radio? (Amateur Radio)  
Have you ever been asked this question?

You likely have some good comments and a response to this question.  
However its good to know that there is additional help on the WEB.

You can also refer the person asking this question to the following, or  
if you are near a PC, then perhaps you can also bring up the following:

<http://www.arrl.org/what-is-ham-radio>

The above URL link goes to the ARRL website that  
contains several basic Ham Radio descriptive Videos.

ARRL Video ==> "[What is Ham Radio](#)"  
is just under 3 minutes

RSGB Video ==> "[Amateur Radio - a 21st Century Hobby](#)"  
is just under 6 minutes

They are both pretty good and likely can aid you in answering  
the question "What is Ham Radio", should you be asked.

Enjoy Amateur Radio,

Lou  
WA2GKH

# ARRL SNJ Section Convention and Hamfest

Presented By The



**Gloucester  
County  
Amateur Radio  
Club**  
W2MMD



Celebrating Our 62<sup>nd</sup> Year

[www.w2mmd.org](http://www.w2mmd.org)

Open to the public at 8 AM

## 43<sup>rd</sup> Annual Hamfest - September 12, 2021

**ADMISSION : \$10.00**

*Non-Ham Spouses and Kids FREE*

*Vendors and Tailgaters of new and used radio and electronic equipment*

*Gates open at 6:00 am for vendors and tailgaters*

*Tailgating rules (open grassy areas only) :*

- ◆ \$10.00 per vehicle space, up to 10 feet
- ◆ No reserving or holding spaces for tailgaters not yet present
- ◆ First come, first serve

*Table rules (covered pavilions only) :*

- ◆ \$12.00 per table (yours), or table space up to 8 feet
- ◆ Tailgating under pavilions will fall under "Table Rules" rates

Some pavilion spaces have electric.  
Space price does not include admission.

ARRL VEC License Testing starting at 9:00 am

- ◆ Exam Testing @ W2MMD Clubhouse
- ◆ Exam Fee : \$15.00
- ◆ All testing candidates are required to have an FRN (FCC Registration Number) and a valid e-mail address

**Talk-In Station :**

**147.180 MHz + PL 131.8 Hz**

**EchoLink : W2MMD-R**



Food And Beverages Catered By  
Hog Day Afternoon BBQ & Catering

[www.hogdaycatering.com](http://www.hogdaycatering.com)

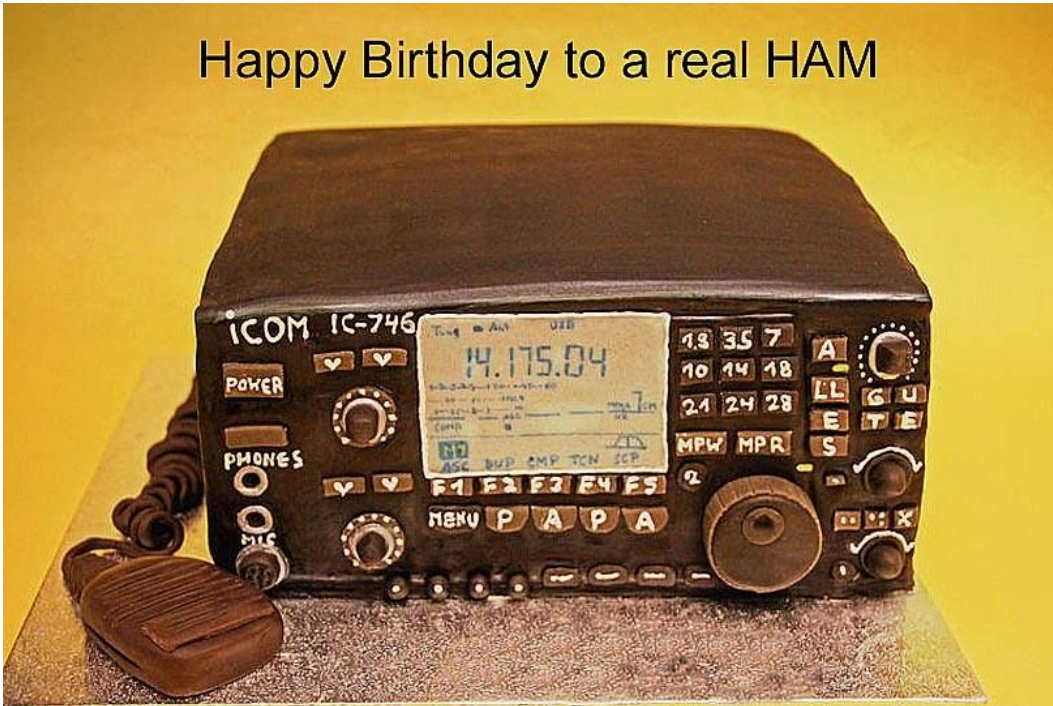
Door Prize Drawings  
Throughout The Day

Gloucester County 4-H Fairgrounds • [www.w2mmd.org](http://www.w2mmd.org)  
235 Bridgeton Pike (Route 77) • Mullica Hill, NJ 08062  
GPS : 39.715572°, -75.211944°

Contact : Sheldon Parker, K2MEN at [sheldonparker@comcast.net](mailto:sheldonparker@comcast.net)  
GCARC, PO Box 370, Pitman, NJ 08071

Ver: 2021.0821

Happy Birthday to a real HAM



August/September Birthday

**August**

Jim Pritchard K2DRA

**September**

Howard Woolley KC2WFG

John Barbieri K2JGB

Bob D'Imperio N4XAT

David Evans KD2GGJ

Diane Haslem KD2GGG

Barbara Heard KD2GGF

Richard Mayer KD2NRJ

Lou Raniszewski KD2LFR



## **Southern NJ Section News September 2021**

**Tom Preiser N2XW SNJ Section Manager**

[n2xw@arrl.org](mailto:n2xw@arrl.org)

September is here and Fall is just around the corner. There was a lot going on in August. Fires out West, Hurricanes passing along the coast, and many hot and humid days. Keep a watch out for more hurricane activity as we are still in the peak of the season during September. Also let us take time to remember the Silent Keys in Southern New Jersey. I have received many reports of Silent Keys from many clubs. It is sad to see them go, but please remember them by continuing to promote Amateur Radio.

The big news for the Southern New Jersey Section is the Gloucester County Amateur Radio Club Hamfest and Southern New Jersey Section Convention. It will be held on September 12, 2021 at the Gloucester County 4-H Fairgrounds in Mullica Hill. Admission is \$10 and doors open at 8 AM. Atlantic Division Director Tom Abernathy W3TOM will be there and be speaking in the morning. There are also many other good presentations planned. For more information go to their website [www.w2mmd.com](http://www.w2mmd.com).

Also mark your calendars for the ARRL Simulated Emergency Test (SET). ARRL SNJ Section Emergency Coordinator Tom Devine WB2ALJ has been busy working with a planning committee to come up with plans for this year's exercise. The SET will take place on Saturday October 2, 2021. Contact Tom [wb2alj@arrl.net](mailto:wb2alj@arrl.net) for more information.

The NJ QSO Party will take place on September 18<sup>th</sup> from Noon till 11:59 EDT. The contest is sponsored by the Burlington County Radio Club K2TD. Check out more information at Hope to hear a lot of South Jersey on the air that afternoon. <http://www.k2td-bcrc.org/njqp/index.html>.

### **FCC Application Fees Unlikely to Go into Effect Until 2022**

The schedule of FCC amateur radio application fees likely will not go into effect before 2022. FCC staff confirmed during a recent virtual meeting with Volunteer Examiner Coordinators (VECs) that the agency is still working on the necessary changes to the Universal Licensing System (ULS) software and other processes and procedures that must be in place before it starts collecting fees from amateur applicants. Earlier this year, the FCC said it would not start collecting fees from amateur applicants before this Summer. The new estimate is that the fees won't go into effect until early next year.

Once it's effective, the \$35 application fee will apply to new, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application. Administrative update applications, such as those to change a licensee's name, mailing, or email address, will be exempt from fees. ARRL VEC

manager Maria Somma, AB1FM, said Volunteer Examiner (VE) teams will not face the burden of collecting the \$35 fee.

"Once the FCC application fee takes effect, new and upgrade applicants will pay the exam session fee to the VE team as usual, but they'll pay the \$35 application fee directly to the FCC using the FCC Pay Fees system," she explained. When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 days from the date of the email to pay.

After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Licensees also will be able to view, download, and print official license copies by logging into their FCC ULS account. The FCC no longer provides printed licenses.

### **ARRL Now Provides Free RF Exposure Calculator**

The FCC has adopted guidelines and procedures for evaluating environmental effects of RF emissions. Under the new FCC rules, some amateurs need to perform routine station evaluations to ensure that their stations comply with the RF exposure rules. This can be as simple as running an online calculator to determine the minimum safe distance between any part of your antenna and areas where people might be exposed to RF energy from your station. Although amateurs can make measurements of their stations, evaluations can also be done by calculation.

The FCC guidelines already incorporate two tiers of exposure limits based on whether exposure occurs in an occupational or "controlled" situation, or whether the general population is exposed or exposure is in an "uncontrolled" situation.

To make this easy for amateurs, ARRL now provides an RF Exposure Calculator on its RF Exposure page <http://arrl.org/rf-exposure-calculator> .

To use the calculator, enter your transmit peak-envelope power (PEP) and operating mode, and answer the questions about the maximum amount of time you might be transmitting. The calculator will give you the minimum distance people must be from your antenna and human exposure.

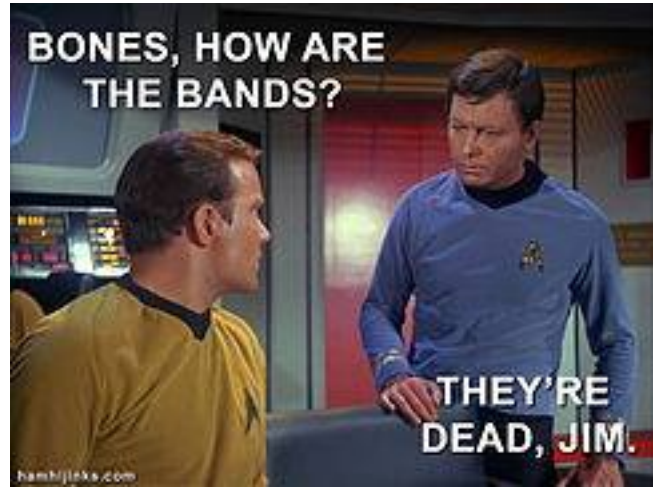
You can print the results and keep

I TOLD HIM "ME OR YOUR RADIOS!"



HE REPLIED "73" AND LEFT!

BONES, HOW ARE  
THE BANDS?



THEY'RE  
DEAD, JIM.

So I bought a new transceiver  
and she asked...



"Are you going to sell any of  
your old ones?"

This will be a fun thing to do.

Amateur Radio Fox Hunt (ARDF) - Ham Radio Q&A

<https://youtu.be/ptP65csLiaw>

Antennas: Roll-Up J-Pole vs. Hand Held Beam

[https://youtu.be/uKZT6fh\\_G\\_k](https://youtu.be/uKZT6fh_G_k)



## THIS SPACE FOR "RENT" (aka Call For Articles)

For "Rent"? Sort of... Rather, do you have any news of interest to the SHARK readers. Have you run across some amateur radio related news items? How about links to homebrew projects or new equipment?

Have you worked or played with a new technology.

Or maybe you're one of the more experienced operators in our community.

You don't have to be a Pulitzer Prize winner to submit an article. I'll take anything, but would love to get articles that are at least two pages in length (single-spaced). Photos are great, too! Please remember, any submissions need to be free of copyrights. Creative Commons are okay, but I will need references to be able to publish them with attribution.

Thanks & 73 DE KB2YJD, Editor



