



Sussex Repeater

JUNE 2024

Sussex Amateur Radio Association

Local Weekly Nets

Shacktime Ragchew: Saturday 8pm
443.200 (+) 156.70

SARA Club Net: Tuesday 8pm
147.090 (+) 156.7

Nanticoke Club Net: Monday 7:30pm
146.715 (-) 156.7

Lewes Club Net: Wednesday 7:15pm
147.330(+) 156.7 (D-Star)

Delaware Traffic Net: Mon – Sat
6:30pm Freq: 3.904

Delaware Emergency Net:
Sunday, 6:30pm Freq: 3.904

Sussex ARES Net: 1st & 3rd Wed.
7pm 147.090(+) 156.7

Monitor SKYWARN weather on
147.090(+) 156.7

System Fusion repeater frequencies:
Millsboro 449.825
Seaford 145.210

MT Joy Repeater (analog operational)
443.200 (+5) 156.7 PL

WGMD Tower (East Coast Room)
443.550 (+) 156.70

County Emergency Simplex
145.510 & 144.915

Winlink Simplex 145.050 & 441.00
Winlink peer-to-peer 145.020

President: Paul Ross (NR3P)
Vice Pres: Deborah Libertore (AJ3L)
Treasurer: Rick Long (N3RTL)
Secretary: Paul Reiger (KC3OIN)

www.sussexamateurradio.com
Email: SussexDeRadio@gmail.com

Our JUNE meeting will be on Thursday, June 20, 2024. FCC testing begins at 6:00 pm. You can purchase dinner beginning at 6:00 pm and the meeting will begin at 7:00pm.



FIELD DAY JUNE 22-23, 2004

The weekend of June 22- 23 is ARRL Field Day weekend. Field Day activities will be in the open day-use area south side of Trap Pond.

The official start is 2:00 PM on Saturday. At this month's meeting, we will be finalizing plans based on what the membership wishes. As of now here are the questions we will consider:

Do we want to have a cookout using the park facilities? There are public grills and picnic tables that are on a first come basis. The membership would have to approve any expenditures, but it would seem that the club might pay for hot dogs and hamburgers and rolls. Then those who participate, could bring things like ketchup, mustard, fixins, side dishes, desserts, drinks (alcohol is not permitted in the park) that would be a reason to say "a good time will be had by all".

Bring any other ideas and we will finalize these questions at the June meeting.



Check it out !!



The spark project that SARA member, Dick Tormet (K3TOR), created is now complete and open to the public.

Spark-gap transmitters were the first type of radio transmitter, and were the main type used during the first three decades of radio, from 1887 to the end of World War I. Following the Spanish American war, the U.S. began its rise to become a world power. The Navy investigated and experimented with wireless telegraphy to support the operations of a global Navy. Soon there were plans for 30 wireless stations along the East Coast. Land was acquired on the tip of Cape Henlopen in 1904 and a station was operational by 1906.

Dick spent time over a five-year period replicating the Cape Henlopen Naval Station radio room equipment. None of the pieces are original to the Cape Henlopen station. One of the original pieces may be with a collector in

New Jersey, but the rest are lost. Thinking it would be impossible to find originals on the antique market since few were made, he went to work making reproductions. Luckily there were some originals at the Wireless and Steam Museum in Rhode Island. The folks there were very kind to provide information, dimensions and some spare parts.

Since he now has time to fill, Dick can often be found on Saturday from 10 til 1 at

Canon Ball House
118 Front St, Lewes, DE 19958-1135

Tues- Saturday 10:00 til 4:00 Admission \$5

A \$10 ticket includes CanonBall House, Lifesaving Station and Lewes History Museum on Kings Highway

<https://www.historiclewes.org/visit/society-properties/cannonball-house.html>



EMERGENCY SERVICE NEWS

AUXCOMM

We've been saying, all of us, "sooner or later we're gonna get it". Well, if we don't "git got" in the coming Hurricane Season, it's going to miss a good chance, one of the best it's had in a while. If you've been watching the weather in the rest of the country, and who hasn't, Mother Nature is certainly on a rampage. Her Winter Season was a doozy out west, her Tornado Season is setting records in the mid, U.S., so why not give the east coast a little fun, too. If we're to believe the predictions for the coming season, this is supposed to be the worst season ever.

So, what'cher plan? You do have one, don't you? Got your kit together, yard cleaned up, family preparations in place? The calendar is moving forward, but there is still time to at least do something. There's been plenty of publicity based on "Be informed, Have a Plan, Build a kit". Don't know where to start, what to do? Google it!

Do not think for even a New York minute that you have nothing to worry about. The situation that there is very little 'storm memory' around here is a real problem. A big one! The last real weather emergency that had a multi-

day impact on Sussex and Kent County was nearly 14 years ago, the Double Blizzards, a.k.a. "Snowmageddon". Hurricane Sandy was only a near miss, nothing to get excited about. Think a "Sandy" coming up the Chesapeake Bay. It's a possibility. Or maybe a Category 5 following the Gulf Stream up the coast with a 10 – 12 foot storm surge. A very large percentage of the Sussex County residents, particularly the recent influx into the myriad of planned communities gobbling up farm land, do not have any concept of what can happen, nor how fast it will go from "sunny and bright" to "Oh S _ _ T!".

So, are you prepared and ready? Update your plan, check your kit, and review your family's Emergency Plan. Do a good inspection of the house and yard. Correct any problems you find. Then, get ready for Field Day, June 22-23, and get out there and practice your communication skills! Elsewhere in this newsletter you will see plans for several of the downstate clubs and groups and where they will be operating. Or go it alone, hit a park,

and do POTA and Field Day at the same time!

Yes, there is a chance that there will be some real weather emergencies in the next few months. That's the reality. The good news is this is also the opportunity you need to take advantage of as an amateur radio operator to show what amateur radio can do, "When All Else Fails". And fail it will! It won't take much to knock the majority of telephone service in the county out. That will put a whole lot of people on the edge of panic. It could be a life threatening emergency for someone with a personal or family emergency that can't call 911. We (AUXCOMM) have been pushing and talking up the concept of the "Ham in the Community". You could be that ham, and the operator that saves the day. We will be talking more about this program and the coming Hurricane Season at the next AUXCOMM regular monthly meeting, Thursday evening, June 13th, at 1900 in the Training Room of the EOC. Want to know more, come on out. By the way, despite the new construction, it is still the EOC; the new name is the Emergency Operations Complex.

The Sussex AUXCOMM Field Day, Saturday June 22, 1000 – 1800 will be doing a combined CERT and AUXCOMM event with displays, literature, demonstrations, and of course radios in operation. It is also

anticipated that the long-awaited interior renovation of the CERT Trailer by the County Maintenance Shops will be finished, and it will be on display. The trailer radios are being set up, antennas added, and cables installed and they will be ready for operation that day, if nothing else gets done. The complement of radios will allow operation on the amateur bands from HF through UHF, along with the County's 800 MHz dispatch system, and the County UHF channels, with 12 Motorola portables for CERT Team use.

Later, 73

John K3PFW

Change is constant and inevitable...



Hurricane Frequencies

HF(SSB): 20mtr 14.325 Mhz Hurricane Watch Net

40mtr 7.268Mhz WaterWay Net (Maritime)

80mtr 3.815Mhz Caribbean Net

VHF/UHF: 147.470Mhz simplex(Listen only
NHC ops

147.000 (-) repeater PL 94.9

444.600 (+) repeater PL 94.8

FUN FACT

A dime has 118 ridges around the edge.



Delaware Section Manager

Steven Keller KC3DSO

Greetings to All Delaware Hams!

As I write this newsletter on Memorial Day, I can't help but think of all of those who sacrificed so much. Although I was in public safety for near 40 years, I did not serve in the military. My daughter was a soldier, her husband still is, my dad and one Uncle were in the Navy during WWII. We can never thank our Veterans enough.

Legislative Update: Amateur Radio Emergency Preparedness Act (AREPA) The "Amateur Radio Emergency Preparedness Act" bill is being pushed along. I currently have several hundred letters but that is not enough. As a section we need to get as many as possible. In addition to all licensees, club presidents and other group leaders have been asked to provide a letter as well representing their members. As it stands now all letters will be hand delivered in DC. Pass the word to all licensee's you meet. Anyone can contact me for blank copies of the letters to keep on hand.

Field Day 2024

ARRL Field Day is the most popular on-the-air events held annually in the US and Canada on the fourth weekend in June. Every year more than 40,000 hams setup temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. This year's Field Day is being held June 22-

23. The June issue of QST has a superb Field Day Guide with a checklist. I would be amiss to not mention a few things about Field Day with the most important being safety. The ARRL has a great list of items you should consider for Field Day such as having a GOTA station, proper band plan and antenna planning and media coverage. The ARRL site has a superb set of media and social media coverage documents including a press release. Points add up! So, send a message to me via WinLink, post to social media, get a GOTA station on the air, and have a Safety Officer. The best way to have a safe Field Day is to plan ahead. Such items as fire safety, tripping hazards, self-supported masts, protection from heat just to name a few. I will be visiting Field Day sites on Saturday with other section staff. Post your Field Day site on the ARRL Field Day Locator site so others can find your site. Visit the ARRL website for details.

ARRL Service Disruption The ARRL is in the process of responding to a serious incident involving access to their network and HQ based systems. These outages include .org emails (include both Division and Section emails), Log Book of the World, ARRL Learning Center and others. Please be patient while the ARRL restores its systems.

A Warm Welcome to Our Newest & Upgrading Members. Join me in welcoming the latest additions to our vibrant community:

KC3BRL Daniel T. Brown JR

KC3DAI James Brown

KC3ZCD Ronald Lawson

Upcoming Events

June 1-2 is the International Digital Contest;

June 8-10 is June VHF Contest;

June 15 is Kids Day and

Field Day 2024 is June 23-24.

Looking ahead to July, the first week of July is the 13 Colonies event where Delaware Stations run the K2E callsign. Details can be found on the ARRL Contest Calendar.

Let's Stay Engaged & Challenged
Many have, including myself, have called Amateur Radio Service a hobby. It's more than a hobby, it's our passion. We must continue to grow inviting youth to join us, to provide challenges to keep licensees engaged and increase our skillset to make us more useful to our communities. This is not just a hobby; it's what we love; the Amateur Radio Service. Don't hesitate to contact me at any time to discuss our ARS in Delaware.

73,

Steven Keller

Delaware Section Manager

Email: kc3dso@gmail.com

Cell: 240.515.0620

Office: 302.604.7470

(<https://groups.io/g/ARRLDelawareSection>)

(<https://arrl.org/sections/view/delaware>)