Sussex Repeater

February 2023 Sussex Amateur Radio Association

Local Weekly Nets

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

Nanticoke Club Net: Monday 8pm
146.715 (-) 156.7

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

Delaware Traffic Net: Mon – Sat
5:30pm Freq: 3.905

Delaware Emergency Net:
Sunday, 5:30pm 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(fusion) Frequency
443.200 (+ 5) 156.7 PL

County Emergency Simplex
145.510
144.915

www.sussexamateurradio.com
https://www.facebook.com/SARAHamRadio
Email: SussexAmateurRadio@gmail.com

President: Butch Wlaschin (WAØCIE)
Vice Pres: Debbie Libertore (A3JL)
Treasurer: Stuart Banta (KC3MAL)
Secretary: Donna Spencer (KC3IHV)

February Meeting

Our February meeting will be on Thursday, February 16, 2023. FCC testing begins at 6:00 pm. You can purchase dinner beginning at 6:00 pm and the meeting will begin at 7:00pm.

Our speaker this month, AA7YO, Gary Desler, is going to help us understand what all those knobs and buttons on the radio do.

HAMFEST 2023

We are always in need of volunteers to help with Hamfest. Some of the areas where we need help are:

Friday Setup - Ticket Table - Talk-in Station
Parking Lot - Information Table

If you would like to be a part of putting on this annual event, please email Jamie W3UC:

ashton@mchsi.com

From the desk of
Butch WAØCIE
SARA PRESIDENT

Greetings from Carson City, Nevada. I figured I needed to spend a few days with our grandsons and sneak in a few POTA activations while they are in school. Most of the 20-to-30 inches of snow are gone and the ponds of melted snow are nearly gone. But did I mention that the lows overnight are expected to be in the single digits. Hopefully you will still find me on 20mtrs.

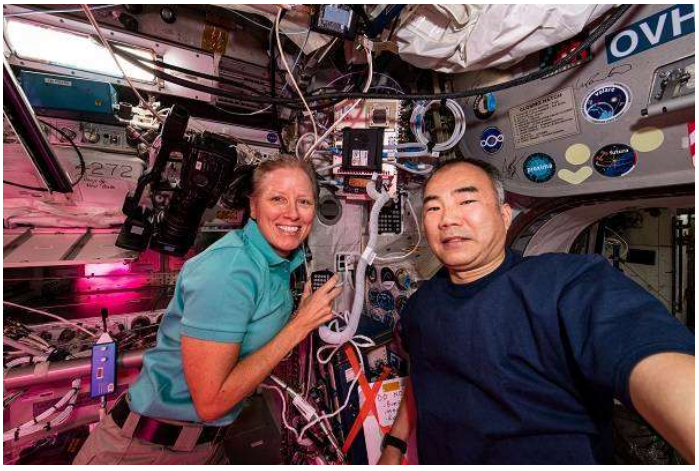
Thursday's guest speaker will be Gary, AA7YO. He has a very interesting presentation to help everyone understand the various buttons and knobs on the front of your transceiver. He told me he would not be covering all 180 pages of the user manual, but only a few of the more interesting pages.

One of the fundamental precepts of holding an FCC issued Amateur Radio License is public service / emergency communications in the time of need. Over the next couple of months you are going to hear about several opportunities to hone your skills, opportunities to give back to the community. We haven't heard details about the upcoming hurricane season, or threats to our power grid, or maybe just 3000 people that want to run around the county.
We need your help. There are opportunities to operate in the field, opportunities to operate mobile, opportunities to operate from your home, maybe a local hospital facility, and even opportunities to operate from the Emergency Operations Center in Georgetown. Talk it up on the nets, talk it up at dinner Thursday evening, talk it up with the Thursday morning breakfast crowd. Spend a few minutes talking to Bill (N3ID), Jim (N3XKJ) or Steve (KC3DSO). WE NEED YOUR HELP. Sign up for an hour, sign up for 3 or 4. Just come out. We need you.

The SARA Hamfest is April 15th. Put it on your calendar. Come join the fun.

Butch WAØCIE

FROM THE INTERNATIONAL SPACE STATION



The Amateur Radio on the International Space Station (ARISS) program arranged contacts with Brentwood Magnet Elementary School in Raleigh, North Carolina, and Norwich Free Academy (NFA) located in Norwich, Connecticut.

From the Desk of the Delaware Section Manager

John Ferguson K3PFW

Greetings:

The first of the five reasons the FCC has for amateur radio operators having the privileges they have, is public service, as in emergency communication service. The best way we can do that is through the Amateur Radio Emergency Service (ARES®). All three counties in Delaware have ARES® groups and activities, from the well established in New Castle County, to the getting started again in Sussex County. Kent County has a new Emergency Coordinator (EC) and is actively recruiting new members. Whether you are new to the hobby, or an "Old Timer", there is something for you in ARES®.

In New Castle County, there are three Emergency Coordinators. Dave Scott, KC3BEJ (kc3bej@arrl.net) handles the County-wide activities. John DiGiovanni, N3LUD, (n3lud@arrl.net) manages the Christiana ARES®, which is involved with providing backup communications to the hospitals in Wilmington. For the City of Wilmington, "JJ" Farnan KB3PTM, (kb3ptm@arrl.net) is the point of contact for activities supporting the city.

In Kent County, Jim Moore, KC3BTV, (kc3btv@arrl.net) is the Emergency coordinator working with the Department of Public Safety for the county. They have an active group and a very nice station in the county EOC. The group meets the last Monday of the month at the Kent EOC. Contact Jim for more information.

In Sussex County Jim Baker, N3XKJ, (n3xkj@arrl.net) is the Assistant Emergency Coordinator. Steven Keller, KC3DSO, (kc3dso@arrl.net) is working diligently to get an ARES® group supporting the Beebe Medical Center organized and new equipment installed at the three locations in eastern Sussex. Regular monthly meetings will be starting again. Either of these individuals would be more than happy to provide you with more information.

Working together is far more efficient than trying to go it solo. The currently organized groups in all three counties could certainly use your time and talent. You can accomplish this in a variety of ways that might just fit your situation and schedule perfectly. There is online material to help you. Frequent training sessions are scheduled. There are nets, exercises, and public service events where you can practice your on-the-air skills.

For those who are limited in what they can do in terms of getting out to meetings, and out and about for a public service event might not be quite your "cup of tea", there are some options. Within the Field Service organization there are appointments as an Official Relay Station (ORS) and an Official Emergency Station (OES). These appointments are something you can do from your home station. Even in an

organized community, you can still be an active amateur radio operator, you only need to tailor what you do to the rules of the community where you reside. And, there is help in figuring that out too!

It's up to you to use your time, talent, and license to serve your community as fits your circumstances. If you have questions, ideas or concerns, contact me at k3pfw@arrl.org.

Later, 73
John K3PFW
ARRL Section Manager DE

DID YOU KNOW??

During World War I, In the United States, Congress ordered all amateur radio operators to cease operation and even dismantle their equipment.[1] These restrictions were lifted after World War I ended, and the amateur radio service restarted on October 1, 1919.

Again during World War II, as it had done during the first World War, the United States Congress suspended all amateur radio operations. With most of the American amateur radio operators in the armed forces at this time, the US government created the War Emergency Radio Service which would remain active through 1945. After the War the amateur radio service began operating again, with many hams converting war surplus radios to amateur use.

02/07/2023 From ARRL:
Turkey and Syria

In the days following the 7.8 magnitude earthquake and aftershocks that hit Turkey and Syria on February 6, 2023, emergency communications have been active with rescue and response efforts.

Aziz Sasa, TA1E, President of Turkey's International Amateur Radio Union member society, is coordinating primary communications. Sasa has stated that if SAR (Search & Rescue) Groups intend to come for assistance they should contact the Embassies of Turkiye in their countries. He also says that SAR groups should be advised to have at least one Ham Radio operator in their team and/or the facilities to program their radios.

The designated primary disaster communication frequency is 28.540 MHz (USB). In addition, 3.777 and 7.092 MHz will also be used as needed. Amateur radio operators have been asked to avoid these frequencies to allow any emergency traffic.

In a statement issued to ARRL on February 9, 2023, IARU Region 1 Emergency Communications Co-Ordinator Greg Mossop, G0DUB, said the full effects of this disaster continue to unfold along with the search for any remaining trapped people.

EMERGENCY SERVICE NEWS

How's Your WinLink???

How's my what? If you've never heard of WinLink, a global email system by and for Hams, I encourage you to make it a project for this year within your hobby; another "tool in your toolbox". WinLink provides a means to send digital messages in an "email-like" form via multiple modes with or without the internet. The benefits of this include:
Familiar operation – WinLink Express operates similarly to most email clients
Attachments – Including images and templates for many helpful common forms (including ICS) Multimodal – Messages can be sent and received via internet and/or amateur frequencies
Independence – The WinLink network can operate without relying on the internet!
Interoperability – Messages can be sent to and from "conventional" email services in addition to other WinLink clients
Low Cost – It's free to download and use, (but, if you use it, please donate $25 to support their work)
Getting started with WinLink is easy. All it takes is a PC and a free download of WinLink Express. The software and a great deal of supporting information is available from the WinLink website https://WinLink.org/. The software is not a resource hog, so pretty much any old PC will do. I repurposed an old desktop PC to run Winlink and all of my ham related software in the shack. Once installed, configured, and registered, the next step(s) include establishing a means of communication. If your PC has access to the internet via ethernet or WiFi (of course it does, that's how you downloaded the software!) then you can open a Telenet session and begin communicating via your internet connection.
To get to the fun stuff, though, try interfacing with a radio to provide a communications link via FM or HF. Typically, this will require some form of interface between the PC and transceiver, though it is possible to homebrew your own interface. Lots of information on the internet on how to do this, or ask someone who's already done it.
Personally, I like and regularly use the ability to send and receive WinLink

messages via HF radio. Here's the thing...Disasters are local. Power and internet may be out on my block, my town, my county, maybe even some or most of the state. But likely not everywhere. Through HF I can reach out hundreds of miles away to a WinLink HF Gateway in an unaffected area and get my messages sent and received to other WinLink users or anyone with an email address via the gateway's working internet connection. I've accessed gateways in Canada via HF to send a local email! There are several WinLink FM gateways located in Delaware. Once you're up and running, or if you are already a WinLink user, I'd like to introduce you to EmComm-Training.org (ETO), a volunteer organization that conducts regular exercises using WinLink Express as a means of communicating and reporting for various EmComm scenarios. Participation is free and open to all licensed amateurs. Each exercise includes clear instructions and just may take you into new aspects and helpful tools within WinLink Express including various reporting forms, attachments, image sizing, peer-to-peer operation, and more. I came across ETO this past year and have enjoyed the challenges and valuable learning opportunities they offer through their weekly WinLink Thursday exercises. They've taken a break for the month of January to think up new challenges, so signing up in February will ge you on board just in time to share in the fun. There aren't many Delaware ETO participants, so let's see if we can change that! Their website, where you can get additional information and sign up, is https://emcomm-training.org/. I encourage you to give it a try.

73's

Bill, N3ID

Patron Saint of Amateur Radio Operators

During the German occupation of Poland, the priest Fr. Maximilian Kolbe, SP3RN was arrested by the Germans. The Germans believed his amateur radio activities were somehow involved in espionage and he was transferred to Auschwitz on May 28, 1941.

After some prisoners escaped in 1941, the Germans ordered that 10 prisoners be killed in retribution. Fr. Kolbe was martyred when he volunteered to take the place of one of the condemned men. On October 10, 1982 he was canonized by Pope John Paul II as Saint Maximilian Kolbe, Apostle of Consecration to Mary and declared a Martyr of Charity. He is considered the Patron Saint of Amateur Radio Operators.