

The Old Barney Beacon

SO I HAVE MY LICENSE, NOW WHAT?

DX— PART 3 OF A SERIES— BOB SCHENCK, N200

CQ DX de N200

What is DX? The short answer is that DX = Distance. In Ham Radio terms it means a “distant radio signal or contact”. The actual distance is determined by the beholder. If you are trying to work someone on 2 meters simplex using a handheld and a rubber duck, then a good DX contact might only be 10-20 miles. If you are on HF using a modest station running low power and a wire antenna, a good DX contact might be a few hundred miles away. If you have a directional HF antenna that you can rotate, then good DX could be half way around the world. For us in NJ that might be Thailand or Australia. So, to put it generally, DX is ANY distant radio station that you can hear or better yet, contact relevant to your own station’s limitations. If you chase DX of any sort, then you are a DXer!

My DX beginnings

I have been chasing DX since I was first licensed; actually, even before. It all started when my dad gave me a “newfangled” Silver-tone transistor AM radio. This was probably in 1964 or early 1965 in my childhood home of Bergenfield NJ. What I discovered was that I could carefully listen at night and pick up far away AM broadcast stations on that little handheld transistor radio! In that time, that was extremely exciting to me.

Continued on Page 3



INSIDE THIS ISSUE

Special Presentation	2
Amateur Radio Rescue.....	2
VE Corner.....	2
President’s Message	3
2021 Contests.....	4
Join Us On The Air.....	7
Tesla Invented Radio.....	7
Old Barney Gear.....	10
Members Only Website.....	10
Swap & Shop.....	10
Our Members.....	10
Ocean County ARES New.....	11
Ram Radio Record.....	12
Southern NJ Update.....	13
Share Your Knowledge	Back



AT THE JUNE MEETING:

A SPECIAL PRESENTATION FROM ABR INDUSTRIES

Chuck Abramson, from ABR Industries will be joining us at the June meeting with a presentation on coax cables and connectors. He will speak to each type and the best applications of them.

From their website: ABR Industries is a full-service cable assembly and bulk cable facility. Our products are made to detailed specifications that ensure tight tolerances and the highest quality. We service a variety of RF, Microwave, Government, Military, Municipal, and Consumer markets. Our expertise in design, manufacturing, time management, and value engineering allows us to provide you the service you can count on. Our goal is to make you a client for a lifetime. Visit them at www.abrind.com.

Our next meeting will be on Wednesday, June 2, 2021 via Zoom. Details on how to join the meeting will be emailed to you. The meeting time for this meeting is 7pm.

VE CORNER

There was a VE Session held on May 1st with 1 candidate who earned an upgrade to his Extra Class license.

If you are looking to upgrade your license or you know someone who needs a session please contact Tom at n2xw@arrl.net.

AMATEUR RADIO CREDITED WITH RESCUE OF BACK-COUNTRY HIKER IN TENNESSEE

AS POSTED ON ARRL.ORG 4/28/2021

A back-country hiker was rescued from Great Smoky Mountains National Park with assistance from amateur radio after she became exhausted on the trail and possibly dehydrated. A member of the hiking group on the park's Little River Trail, Tim Luttrell, KA9EBJ, put out a call on the evening of April 11 via the W4KEV linked VHF repeater in Gatlinburg, Tennessee, requesting assistance in extricating the injured member. No cell phone service was available at the location, and Luttrell's signal was spotty at times, owing to the mountainous terrain.

Responding was David Manuel, W5DJR, who obtained more information and called 911, which routed the call to Great Smoky Mountains National Park Emergency Medical Service (GSMNP EMS). The national park EMS relayed through Manuel a request for the group to continue down the trail as far as possible to shorten the rescue time. Parties were asked to stand by.

Continued on Page 6

NOW WHAT? - Continued from page 1



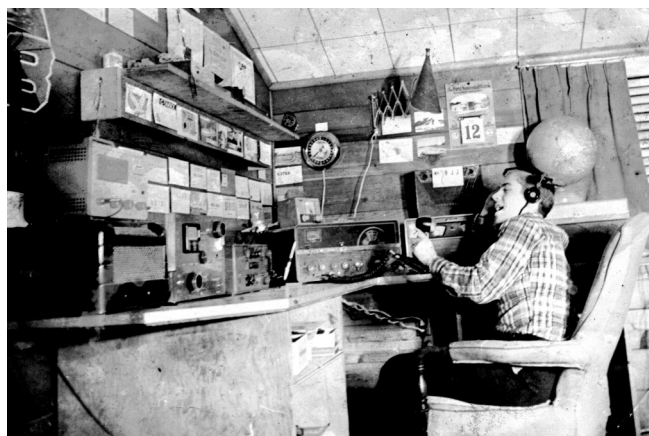
N2OO listening to his AM radio

To actually listen to a radio station broadcasting from as far away as Chicago was just plain exciting.

Soon after

this, I was connected with my neighbor Jim Clay K2EPT who lived across the street. Jim introduced me to Amateur Radio. His antenna was unobtrusive. It was simply a wire Morgain dipole hanging in the trees over his house. But his ham shack consisted of a Collins S Line complete with a 30S1 amplifier which stood about 3-4 feet tall on the floor. Jim showed me the basics and gave me my novice exam which I passed in December 1964. My parents gave me a Lafayette HA63 shortwave receiver. Then for Christmas they gave me a Knight Kit T-60 transmitter which I built myself. Jim gave me a couple of 40 meter crystals and my dad helped me assemble and put up a 40 meter dipole stretched from above our house to a tree in the back yard. Back then you had to wait what seemed like an eternity for your FCC license to arrive in the mail. In early February it finally arrived and WN2RJJ was on the air.

Shortly after receiving my license, I found a strange activity on the air. Stations were calling CQ NR. What the heck was CQ NR? I didn't know,



Continued on Next Page

PRESIDENT'S MESSAGE

Summer begins this month and to start it off we have field day!

Field Day has always been one of my favorite events. It really lets you see how well your equipment will perform when needed.

Besides that it brings everyone together to operate towards a common goal.

Being someone in the emergency services field I have learned the importance of being prepared.

So even though this year we will still be doing field day from our homes, let's do it with the spirit of learning what we need to know in case that time comes.

Try something new if you can. I never hurts to know different ways to reach a goal!

I will miss the get together that a traditional field day brings. I would love to see you all, but I know you will all make the best of field day!

Until next month...

N2RPQ

2021 ARRL CONTESTS

June VHF Contest	Jun 12-14
Kid's Day—June	Jun 19
Field Day	Jun 26-27
IARU HF World Championship	Jul 10-11
222MHz & Up Distance Contest	Aug 7-8
10 GHz & Up—Round 1	Aug 14-15
Rookie Roundup (RTTY)	Aug 15
Sept VHF Contest	Sep 11-1
10 GHz & Up—Round 2	Sep 18-19
EME 2.3GHz & Up—Wknd 1	TBD
School Club Roundup	Oct 18-22
EME 50 to 1296 MHz—Wknd 2	TBD
Nov Sweepstakes—CW	Nov 6-8
Nov Sweepstakes—Phone	Nov 20-21
EME 50 to 1296 MHz—Wknd 3	TBD
160 Meter	Dec 3-5
10 Meter	Dec 11-12
Rookie Roundup—CW	Dec 19

NOW WHAT? - CONTINUED FROM PAGE 3

but I figured out what they were sending to each other which was a signal report and their ARRL section (I was in NNJ at the time). This activity kept on going for over a week and turned out to be the annual ARRL Novice Roundup! I was having a ball working stations all over the USA. Yes, this would be my first DX chasing! In this case, I was only on 40 meters in the novice band using a crystal for my transmit frequency which was the FCC rule for novices back then. So, to work the west coast was a particular thrill! It wasn't until the week was over that I realized that I had started my ham radio experience in a contest!

ARRL's DXCC AWARD

The primary goal of most DXer's is the ARRL DXCC Award.
www.arrl.org/dxcc

This award is the granddaddy of all ARRL Awards. It was started in 1935 as explained by Clinton DeSoto W9KL in this article from the October 1935 QST. www.arrl.org/desoto The general idea was to try to work all of the countries in the world. In creating the award, the challenge was to decide just what would qualify as a "country"?

In DeSoto's words, "The basic rule is simple and direct: Each discrete geographical or political entity is considered to be a country." This rule has stood the test of time -- from the original list published in 1937, to the **ARRL DXCC List** of today. For more than 85 years, the *DXCC List* has been the standard for DXers around the world.

DeSoto never intended that all DXCC "countries" would be countries in the traditional sense of the word. Rather, they are the distinct geographic and political entities which DXers seek to contact. Individual achievement is measured by working and confirming the various entities comprising the DXCC List. This is the essence of the DXCC program.

Over time, criteria for the DXCC List has changed. The List remains unchanged until an entity no longer satisfies

Continued on Next Page

the criteria under which it was added, at which time it is moved to the **Deleted List**. Thus, today's *DXCC List* does not fully conform with today's criteria since many entities are grandfathered under previous rules.

DXCC activity was interrupted by World War II. In 1947, the program started anew. Contacts are valid from November 15, 1945, the date US amateurs were authorized by the FCC to return to the air.

The current ACTIVE DXCC list has 340 entities. There are also 62 DELETED entities. Thus the grand total of ALL entities ever on the DXCC list is 402. The full list can be viewed here [www.arrl.org/files/file/DXCC/2020 Current Deleted.txt](http://www.arrl.org/files/file/DXCC/2020%20Current%20Deleted.txt) The ARRL sells a nice DXCC list booklet that includes many additional resources for a DXer. The latest edition is from 2018. www.arrl.org/shop/ARRL-DXCC-List-2018

QSLs and LoTW

The main focus of any DXer is to work towards the DXCC Award. The basic award is for contacting and confirming 100 of the 340 active entities on the DXCC list. Additional confirmed entities are added with endorsement stickers. Honor Roll status is acquired when you confirm 330 of the 340 active entities. There are two ways to confirm your QSO's. One is to swap QSL cards with the station worked. The other is to utilize the ARRL's Logbook of the World computerized award logging system. Every DXer should have QSL cards printed since not everybody uses LoTW. But, it is also extra fun to organize a QSL card album with at least one card from every entity worked. I will put together another article in the future on how to confirm your QSO's. If you want to get a head start, go to www.arrl.org/logbook-of-the-world

South Jersey DX Association (SJDXA)

SJDXA was first organized around 1977 by N2OO, KZ2I and N2CW. We were a small group of "DXers" interested in trying to work new entities for the DXCC award. By 1978 we had grown into a club with about 30 members from all over Southern New Jersey. Our primary focus of activity was centered on handling QSL cards for various stations and providing support for the International DX Foundation (IDXF) through the mid 1980's/ IDXF was created by KP2A but is no longer around. In the 90's, after two key members became silent keys (N2CW in 1987 and WB2KXA in the late 1990's), SJDXA went silent. However the club was kept alive on paper by N2OO. When the WYRS site came alive around 2004, SJDXA was reactivated, the memorial call N2CW was acquired, and new members were welcomed. A club station at the WYRS site was built and improved over the years. Currently, our membership roster has 39 members.



Continued on Next Page

NOW WHAT? - CONTINUED FROM PAGE 7

South Jersey DX Association (SJDXA)

The only requirement for membership is that you have an interest in working DX. About half of SJDXA members come from the Ocean County area. The other half are from other areas of the state and country. SJDXA always encourages our members to participate in their local general purpose amateur radio clubs (like OBARC). Full info about SJDXA can be found at www.sjdx.org



In the Coming Issues:

- *July — DMR, D-STAR, C4FM*
- *August — APRS*
- *September — Digital Computer Modes (FT8, etc.)*

RESCUE—CONTINUED FROM PAGE 2

A medic with the Park Service search-and-rescue team subsequently reached Manuel by telephone, who served to relay questions to Luttrell. Manuel contacted members of the hiker's family after Luttrell provided contact numbers. Manuel was asked to relay information for the family to arrange to meet in Cherokee, North Carolina, and be prepared to transport the distressed hiker's vehicle to her home. By this time, a couple of hours had passed. Manuel maintained occasional contact with Luttrell, who indicated that all was well but his battery was low and that he would power down the radio in between contact attempts to conserve power.

Manuel continued to monitor the repeater system and got a call from Luttrell indicating "all clear" shortly after 2 AM. Manuel later received a text indicating that the family members had connected with the distressed hiker and extended their thanks to all who had helped out.

Luttrell said afterward that Manuel "was calm, professional, and persistent but patient in obtaining information he needed through the challenges I was having with my radio." He allowed that without his spare battery pack and high-gain antenna, the incident may not have gone so well. A newer radio had been damaged in an earlier rescue effort, he told ARRL Tennessee Section Manager Dave Thomas, KM4NYI.

The injured hiker was hospitalized and required surgery and rehabilitation. Thomas told ARRL that he'd learned another hiker in the same group was close to hypothermia by the time they were rescued.

Thomas will recognize each of the radio amateurs involved in the rescue with a Certificate of Merit during the ARRL Tennessee State Convention in Knoxville on June 19.

JOIN US ON THE AIR

Join us for our club net. The net is held every Thursday night at 7:30pm (except holidays and special occasions) on the WU2E repeater.

Every week we host a random topic of discussion.

Find us at: 146.835 (-600) PL 127.3

We look forward to sharing time with you!

For any comments or questions regarding the weekly net please contact Jim Neufell, K2GMT at jvneufell@comcast.net.

“We generate fears while we sit. We overcome them by action.”
– **Dr. Henry Link**

TELSA INVENTED RADIO, NOT MARCONI!

A reprint of an article from Nuts & Volts Magazine, February 2007, By Louis E Frenzel

I'm probably as guilty as many of you probably are in believing that Marconi actually invented radio. However, he did not. In fact, I'm convinced that the truth is still not well known. Not to burst your bubble or anything, but here's the real story.

WHAT REALLY HAPPENED?

My son-in-law gave me a book he found on a sale table, called *Tesla, Man Out of Time* by Margaret Cheney. It has a 1981 copyright date on it but was re-released in 1993. My son-in-law is not a technical or electronics type but he read the book and was fascinated by Tesla and even more amazed at Tesla's unbelievable inventions. Tesla was not only a real success in the electrical fields but also a terrible failure in many ways. One of those failures was his inability to get recognition for inventing radio during his lifetime. I read the book only to find that I have had it wrong all these years myself. From my days as a ham radio addict in my teens to today where I write books and articles on radio for a living, I firmly believed I owed my livelihood to Marconi.

Continued on Next Page

TESLA—CONTINUED FROM PAGE 7

Nikola Tesla was born in the Serbian part of Croatia in 1856. He began inventing as a boy. Tesla was educated in various European universities in mechanical and electrical engineering, physics and languages. During the late 1800s, he worked for Thomas Edison's European telephone company in Budapest and Paris. He immigrated to the US in 1884. He worked for Edison in New York City for a while but pursued inventions on his own with great success. After endless squabbles with Edison over the merits of DC vs. AC, Tesla took off on his own and invented a whole stream of electrical things and patented them. Some of them were improvements to the telegraph, arc lights, and all manner of electrical machines like generators and motors. One of his best inventions was the AC induction motor which he sold to Westinghouse.

Tesla went to work for Westinghouse and helped him eventually win the battle for electrical power distribution in the US and elsewhere. Edison was hell-bent to electrify everything with DC but found that it was very inefficient and required more generating stations over shorter distances. However, AC with its ability to be stepped up in voltage by a transformer could be transmitted efficiently over very long distances then stepped back down to usable levels where it was to be used. Tesla was a major player in building the first big power generating plant at Niagara Falls, New York. In any case, he was a major player in making AC the electrical power of choice. And despite his essential role and success he never got rich like the Westinghouses and Edisons of his time.

His number of inventions and patents runs into the thousands but few (if any) actually paid off big for him. He did manage to live comfortably for years in New York City hotels from his royalties and occasional funding for research by a stream of rich benefactors. In general, Tesla was just too distracted by his active mind to patent or otherwise protect everything he invented. That is more or less why he never did get credit for inventing radio despite the fact he did patent it in the US the same year that Marconi got his first British patents. Tesla was very good at getting press coverage for his work, but Marconi came along and captured all the glory and credit before Tesla realized what was going on.

Tesla actually invented the idea of radio in 1892, not too long after Heinrich Hertz demonstrated UHF spark wireless transmissions in Germany in 1885. In 1898, he developed a radio-controlled robotic boat which he demonstrated by driving the boat remotely around the waters of Manhattan from a set of controls at Madison Square Garden. Despite this amazing feat, he tried for years to sell the idea to the Navy without success. His inability to gain recognition for the invention of radio was partly Tesla's own fault. Marconi burst on to the scene in the late 1890s and literally stole the show with patents of his own.

Once realizing the importance of radio, Tesla actually built a huge transmitting tower at Wardenclyffe on Long Island in 1900 to develop world wide radio transmission services. He ran out of money and could not raise the capital to continue. He actually went bankrupt, thus ending his formal radio research and development.

WHAT MARCONI ACTUALLY DID

Guglielmo Marconi was born in Italy but lived in England. He experimented with Hertz's spark apparatus and developed improvements to extend the transmission range to one mile then hundreds of miles. He received British patents for his radio inventions. In 1901, he demonstrated the first trans-Atlantic radio transmission. He went on to form a wireless telegraphy business for the British. While all of the first patents related to spark wireless, the real important patents were for continuous wave (CW) transmission on one frequency. Spark gap transmitters radiated a very broadband signal on no particular frequency. CW signals used the resonance of tuned circuits and antennas.

Marconi's real contributions are more engineering and commercial than theoretical. He took the basic ideas and inventions of others and improved upon them and made them practical business successes. Tesla was almost the opposite. He created original ideas and proved them mathematically and physically, patenting some and not others. Some of his best ideas like the AC induction motor was a commercial success which brought him fame but not riches. Marconi, of course, was fabulously rich.

A patent battle between Tesla and Marconi went on for years. Marconi died in 1937. Tesla died in 1943 and six months after his death the US Supreme Court ruled that all of Marconi's radio patents were invalid and awarded the patents for radio to Tesla. So, for the past 64 years, we still believe that Marconi invented radio. Few actually know of Tesla's radio inventions. He is, of course, well known but for his strange experiments with high voltage, lightening and the claim he had invented not only an electrical "death ray" but a way to transmit electrical power wirelessly.

THE INVENTION OF RADIO

Like most significant inventions, radio had not just one "father" but many. British mathematician James Clerk Maxwell first proved the existence of radio waves mathematically in 1864. The German physicist Hertz set out to prove Maxwell's equations and did so in 1885. After that lots of others jumped into the fray. Some of them included Briton Oliver Lodge, Indian physicist Jagdish Chandra Bose, and the Russian Popov. None of this would ever have happened unless Edouard Branly invented the coherer, the first real detector of radio waves. This device used metal filings inside a glass tube that served as a kind of crummy but sensitive diode detector.

Radio or wireless was strictly a telegraphy medium until the vacuum tube was invented. The first tube diode was invented by John Fleming of England in 1904. In 1906, American Lee DeForest invented the triode vacuum tube that quickly made radio even better because of the amplification and oscillation it could provide. Reginald Fessenden then made the first AM radio broadcast in 1906.

By the 1920s, there were hundreds of radio stations in the USA. Edwin Armstrong invented FM in 1933 but lost the patent battle with RCA and committed suicide shortly thereafter. Then in 1947, Shockley, Bardeen, and Brattain at Bell Labs invented the transistor which Shockley later perfected into the transistor as we know it today.

In 1957 and 1958, Jack Kilby (Texas Instruments) and Robert Noyce (Fairchild, later Intel) invented integrated circuits. And the rest as they say is history. **NV**

OLD BARNEY GEAR

You can find Old Barney Gear at all these places:

Southern Ocean Marine Sportswear (Hats & Jackets Embroidered)

79 South Main Street, Barnegat, NJ 08005

(609) 698-8868

Email: sales@soms4u.com Website: www.soms4u.com

Café Press (All types of logoed items available)

New Logo Items: <https://www.cafepress.com/oldbarneyarcnewlogo>

Old Logo Items: <https://www.cafepress.com/obarc>

Gold Medal Ideas (Personalized Old Barney Items)

1160 Thompson Blvd, Buffalo Grove, IL 60089

https://stores.goldmedalideas.com/ygs/Old_Barney-Products/10000170



HAVE YOU JOINED THE MEMBER'S AREA?

The member's area of the OBARC website is being developed to provide useful tools to our members. Currently there is:

- Club Documents & Meeting Minutes
- Swap and Shop Postings (You decide if yours is just for members or the public)
- A "Ask for help/Questions" area to post questions to other members for assistance.
- A members directory for those who want to be listed.

Take a look. Suggestions are welcome! You can request access to the area by going to: www.obarc.org/members

SWAP & SHOP

The new Swap & Shop section is now available in the Members area of the website. In the very near future you will also be able to control your listings and keep them available for the members or have them listed on the public website.

We will also be happy to list any items you would like here in the newsletter. Just send your listings to n2rpq@arrl.net and I will make sure that they are added here.

OUR MEMBERS

Welcome to Our New Members:

Happy Birthday To:

William Canfield—6/20

NEWS FROM AROUND OUR SECTION...



OCEAN COUNTY ARES® - JUNE 2021

By Robert J Murdock Sr, WX2NJ—Coordinator

Hurricane season 2021 officially starts on June 1, 2021. Now is the time to ensure you have a family plan in place to protect your most precious assets and a ham radio plan to be able to help others. Correct any weaknesses now while you have time.

From the May 19, 2021 ARRL Letter:

The WX4NHC Annual Station On-the-Air Test will be held on Saturday, May 29, from 9 AM to 5 PM EDT (1300Z-2100Z). This hurricane season, WX4NHC operators plan to be working remotely again. The National Hurricane Center is planning to maintain all CDC pandemic protocols until the end of 2021. The National Hurricane Center is allowing only the main meteorologists and staff to enter the building.

Julio Ripoll, WD4R, Assistant Coordinator of the National Hurricane Center's amateur radio station WX4NHC, said the event offers an opportunity for radio amateurs worldwide to exercise the sorts of communications available during severe weather. "We will be making brief contacts on many frequencies and modes, exchanging signal reports and basic weather data (sunny, rain, temperature, etc.) with any station in any location," Ripoll said.

Operation will take place on HF, VHF, UHF, APRS, and Winlink. WX4NHC will center its activity on the Hurricane Watch Net frequencies of 14.325 MHz and 7.268 MHz, depending on propagation, but will operate elsewhere as conditions dictate. WX4NHC will also operate on the VoIP Hurricane Net from 2000 until 2100 UTC. For the upcoming hurricane season, Ripoll reminded radio amateurs -- "Even if you are not directly affected by a hurricane situation, please volunteer to monitor and relay reports; just one report can make a difference and help save a life!"

Ocean County ARES VE Team had a test session on May 18th with five candidates total. All were new candidates taking Technician exams. Three of the five successfully passed. Thank you to volunteer examiners WB2ALJ, KD2FFR and KC2SBR along with lead VE N2LD. The next scheduled test session is in July.

The next Ocean County ARES meeting will be June 16th at 7:00 PM. It will be a virtual Zoom meeting. Please try and set aside just an hour of your time to attend.

Continued on Next Page

Ocean County ARES shirts have been ordered and are anticipated to be handed out on May 30th at the Ocean County EOC parking lot starting at 9:00 AM. If you ordered a shirt, please try and pick it up at that time. This round of production we offered short and long sleeve T shirts and short sleeve polo shirts in men's and women's styles. All are black with the ARES gold emblem on the front and "OCEAN COUNTY ARES COMMUNICATIONS" on the back. Pricing includes a \$2 donation to Ocean County ARES for each shirt sold.

ARES Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)

On May 19th at approximately 8:30 AM, Oyster Creek Nuclear Generating Station offloaded the last fuel assembly from the wet fuel pool into dry storage casks. This is significant because the wet fuel pool was always the weak link in a nuclear accident and could possibly spread contamination to the general public. The wet fuel pool required electricity and support systems to keep the fuel in the pool cooled and covered within technical specifications of the license. The dry fuel storage casks require no outside support systems and are sealed shut.

For those operators who took RERP training to prepare for possible communications support assignments in an emergency, the site is in an extremely safe mode now, compared to operating nuclear plants.



RAM RADIO RECORD

By Olivia Lee, KD2UYX

Over the past few months Southern Regional Radio Club has been busy, making contacts and gathering more members. At our last meeting we made contacts internationally to Canada, nationally to North Carolina and locally to other ham radio operators in Manahawkin and Long Beach Island, NJ.

There were also new officers elected: Olivia Lee (KD2UYX), Isabella Lee (KD2UYW), Cassidy Demasi, and Shannon Flaherty.

The officers have also been working to make Radio Club more accessible to new members. They created a trifold board with basic radio information on it in order to educate the new club members on the basics of ham radio while they are waiting to make contacts. We also now have maps in the meeting room to display with pins the places that we have made contacts with across the country and around the world.



Southern NJ Section News June 2021
Tom Preiser N2XW SNJ Section Manager
n2xw@arrrl.org

Field Day is just around the corner. Many clubs will be having Field Day out in the field, which is good to hear. Myself and Tom Devine WB2ALJ SNJ Emergency Coordinator will be visiting those clubs that are participating. Remember you can get extra points by sending a message to the Section Manager. This can be done via radiogram through a traffic net or try sending an email via Winlink. I am looking forward to hearing from as many of the clubs as possible.

Congratulations to Bob Schenck N200 who was part of a documentary on PBS. For more than 80 years, investigators have tried to figure out what caused the spark that led to the Hindenburg going up in flames as it prepared to land at Lakehurst Naval Air Station in 1937.

"Hindenburg: The New Evidence" will be available for streaming online, according to the network.

The new look at the May 6, 1937, disaster was prompted by a conversation at the 80th anniversary commemoration outside Hangar One of the fires and crash that killed 35 people on board and one person on the ground. Dan Grossman, a renowned expert on airships including Hindenburg, was approached at the commemoration by Robert Schenck, a New Jersey resident whose uncle, Harold N. Schenck, had filmed the disaster.

Though Harold Schenck tried to share his amateur film — which shows the disaster from a different angle than the newsreel films — with government investigators at the time, it was largely overlooked, his nephew says in the "Nova" film.

The "Nova" documentary not only shares the footage, which provided new clues to re-examine the cause of the explosion, but the scientific experiments that helped investigators come to a fresh understanding of what set off the fire.

The original investigations into the Hindenburg crash concluded the fire was a result of leaking hydrogen ignited by a spark, but no one had been able to determine what caused the spark. Eyewitness accounts suggested the fire started near the tail of the airship, but supporting evidence was hard to find until the unseen Schenck footage was examined. Newsreel recordings of the disaster begin after the fire is well underway, and most physical evidence was destroyed immediately in the blaze.

Grossman has the footage authenticated as part of the investigation.

Continued on Next Page

"Thanks to this stunning new footage, we were able to revive a cold case investigation surrounding one of the most iconic disasters of the 20th century," said Gary Tarpinian, the film's executive producer. Definity a story worth watching.

CONGRATS TO VOLUNTEER DAVE BURGESS WA2TVS ON WINNING THE ANNUAL JASON HALL AWARD

The annual Jason Hall Award was awarded to volunteer Dave Burgess WA2TVS during the Battleship's annual Volunteer Lunch on Saturday, May 1. Dave, a Navy veteran, has volunteered with his wife, Margaret, on the Battleship New Jersey Amateur Radio Station (BNJARS) since March 2001. Dave, a founding member of BNJARS and the Chief Engineer with the station, has also coordinated the Museum Ships Weekend for the Battleship, which joins over 100 museum ships in this annual radio event.

More recently, Dave coordinated efforts to get the air search radar at the very top of the Battleship to come to life. The radar now continuously spins every day.

The annual Jason Hall Award is presented to an outstanding volunteer who went over and above to help the ship. Jason Hall was the Battleship's Curator, who succumbed to cancer several years ago.

HAMFESTS ARE BACK

On July 3, 2021 - Firecracker Hamfest, ARRL Pennsylvania State Convention

Location: Harrisburg, Sponsor: Harrisburg Radio Amateurs Club

Website: <http://www.W3uu.org>.

Mark your Calendars for the 43rd annual SNJ Section Convention and Hamfest Sunday September 12, 2021 at the Gloucester County 4-H Fairgrounds. <http://www.w2mmd.org>.



WHO IS OLD BARNEY?

The Old Barney Amateur Radio Club (OBARC) was established in 1975 by a diverse group of individuals with a common goal of promoting Amateur Radio.

Today the group continues towards making the amateur radio hobby rewarding through participation in several events throughout the year, training sessions, VE testing and monthly meetings.

Our meetings are held at the [Ocean Acres Community Center](#), 489 Nautilus Blvd, Manahawkin, NJ 08050*, beginning at 7:30pm on the first Wednesday of each month (except holidays). We welcome anyone (licensed or not) to come and meet with us to learn more about amateur radio.

*** DUE TO COVID-19 MEETINGS ARE CURRENTLY BEING HELD VIA ZOOM.**

SHARE YOUR KNOWLEDGE

The newsletter is open to anyone who would like to submit articles. Please join me in contributing to content and share the knowledge you have about our hobby with all our readers.

Presentations are also welcomed. We try to host a presentation at each monthly meeting covering different topics. We would even welcome "special" sessions via Zoom for presentations that are too long to host at a meeting.

Please contact me at n2rpg@arrl.net with any articles or to arrange a presentation.

THE OLD BARNEY RADIO CLUB IS ARRL AFFILIATED



Old Barney Amateur Radio Club

PO Box 117
Manahawkin, NJ 08050

E-mail: n2ob@arrl.net

Visit the ARRL at www.arrl.org

