

Charles
County
Amateur Radio
Club

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Smoke Signals



Volume 24
issue 8

August 2021

Meeting 6th @ 1900 EST via Zoom &/or
Marbury Baptist Church 4670 Bicknell Rd,
Marbury, MD 20658

THE PRESIDENT'S WORKBENCH

As the Dog Days of summer near an end, there are plenty of amateur radio activities that will be happening. One activity that the CCARC has traditionally participated in is the Maryland/DC QSO Party. The QSO Party is on Saturday, August 14, and runs from 10:00 AM local until midnight. At our meeting on August 6, we can discuss whether we want to participate this year and, if so, discuss a location to set up operations. If you're looking for some hard to find states this is your chance to have them calling for you.

If by some strange twist of fate you need Ohio for Worked All States, the Ohio QSO Party will be held on August 28 from noon to midnight local time. The state you are more likely to need is Hawaii, and they will hold their QSO Party from midnight August 28 to midnight August 30 local time.

While not a state QSO Party, Kentucky will hold a State Parks on the Air event August 14, from 10:00 AM to 6:00 PM local time.

For our Technician operators looking for some HF action, the 10-10 International Summer Contest runs from 8:01 PM August 6 to 7:59 PM August 8, local time. Here's your opportunity to exercise your SSB voice privileges on the 10-meter HF band. There have been several openings on that band the last couple weeks as the solar activity slowly begins to rise in the current solar cycle.

This month there are 31 special event stations listed on the ARRL special event calendar, many of them sound like they will be memorable stations to contact. I always pick a few to mention that sound particularly interesting, but this month it was a tough list to pick out just a few.

CALENDAR

August

04 Net 2030

06 meeting

11 Net 2030

18 Net 2030

25 Net 2030 &

News articles due

September

01 Net 2030

03 meeting

08 Net 2030

15 Net 2030

19 Connector
Workshop

22 Net 2030 & News
articles due

29 Net 2030

(Continued on page 2)

(Continued from page 1)

On August 7 there are two that I picked, the 100th Anniversary of the First Professional Baseball Game Radio Broadcast from Forbes Field in Pittsburgh, PA, on KDKA, and the Johnsonville Brat Days in Sheboygan, WI. I especially like the stations commemorating radio history, but I also enjoy tasty Brats. Listen for KD3KA and W9B, respectively, to work these two stations.

The second week of August has a couple interesting special event stations as well. NU5DE will be operating daily August 9-14, from the American Association of Nude Recreation National Convention. This group always has a tasteful and interesting certificate and full color QSL card to add to your collection. For military history buffs, N7C will be operating August 10-14, from Chinle, AZ, on the Navajo Nation Reservation, to honor and commemorate the Navajo Code Talkers from WWII.

The third and fourth week of August, K4H will be on the air August 13-27, to remember actress and inventor, Hedy Lamarr. Ms. Lamarr is most notable for her patent in 1942 on a frequency hopping system for radio transmissions that made them difficult to intercept and jam. That system is the basis of modern day Bluetooth, GPS, and many secure communications platforms.

On August 21, K2T will be on the air from 10:00 AM to 10:00 PM to commemorate the First Railroad Train Dispatch by Telegraph. The momentous occasion happened in 1851.

Rounding out the end of August, K2A, K2R and K2S will be on the air August 27 to September 5, in honor of the Annual Amateur Radio Software Award. From August 28 to September 8, K9A will be on the air from Auburn, IN, at the 65th Annual Auburn, Cord, and Duesenberg Festival.

With so many historical, promotional and whimsical special event stations in August, as well as on-air contests, there are plenty of opportunities for some very interesting contacts and operating challenges. Let's not forget our weekly CCARC net, which is a great way to socialize with your fellow CCARC members on the radio.



by Bob, NW3M

Practice questions

1. When do the FCC rules NOT apply to the operation of an amateur station?
 - A. When operating a RACES station
 - B. When operating under special FEMA rules
 - C. When operating under special ARES rules
 - D. Never, FCC rules always apply

2. Which of the following statements is true of the single sideband voice mode?
 - A. Only one sideband and the carrier are transmitted; the other sideband is suppressed
 - B. Only one sideband is transmitted; the other sideband and carrier are suppressed
 - C. SSB is the only voice mode that is authorized on the 20-meter, 15-meter, and 10-meter amateur bands
 - D. SSB is the only voice mode that is authorized on the 160-meter, 75-meter and 40-meter amateur bands

3. Which of the following is good practice for lightning protection grounds?
 - A. They must be bonded to all buried water and gas lines
 - B. Bends in ground wires must be made as close as possible to a right angle
 - C. Lightning grounds must be connected to all ungrounded wiring
 - D. They must be bonded together with all other grounds

4. How much power is being absorbed by the load when a directional power meter connected between a transmitter and a terminating load reads 100 watts forward power and 25 watts reflected power?
 - A. 100 watts
 - B. 125 watts
 - C. 25 watts
 - D. 75 watts

CCARC Activities

By Jeff – KB3SPH

6 August 2021 – Monthly CCARC Meeting at **7:00 PM**.

Location: Marbury Baptist Church Hall, 4670 Bicknell Road, Marbury, MD 20658.

Agenda:

*Officer Reports

*Presentation: Effect of Antenna Length on SWR / Resonant Frequency by Charles – AA3WS

Zoom:

We also plan to have the meeting available via Zoom:

Meeting ID: 821 2499 8719

Passcode: 765886

Join the 6 August CCARC Meeting via desktop/laptop/smartphone: <https://us02web.zoom.us/j/82124998719?pwd=U2I2WlIBQ2k1OTU2bStSVDhieFIRQT09>

Dial in via landline/cell phone and follow voice prompts:

301-715-8592

3 September 2021 – Exam Session at **5:00 PM**, Monthly CCARC Meeting at **7:00 PM** – Details TBD.

19 September 2021 – 6th Annual Connector Workshop/Antenna Build - 1:00 PM – 5:00 PM – For details visit: <https://thewebniche.net/>

1 October 2021 – Monthly CCARC Meeting at 7:00 PM – Details TBD.

2021 CONNECTOR WORKSHOP

Mark your calendars for the **6th Annual Connector Workshop** (Red-Righting, Tongue-Upping the World since 2016) to be held at the QTH of Jeff – KB3SPH and Pam – KB3SWS in Indian Head on **Sunday, 9/19/2021**. This year's theme is "**Solar Sunday**." We are also adding a **2-Meter Quad Antenna build project (see page 6 flyer)** to the workshop!

Who: Any interested person. This email is being sent to local area amateur radio operators. **Please feel free to forward this email to any individual/group that may have an interest.**

What: Free Connector Workshop focusing on learning about and constructing power cable assemblies using Anderson PowerPole connectors. Planned speakers include Charles – AA3WS and Jeff – KB3SPH.

Also: "Solar Sunday" Presentations on Various Solar Power Systems:

Kato – KB3LIB: Home/Cottage Solar Project

Steven – KC3DSO: Camping/Hiking/Vehicle Solar Systems

Jeff – KB3SPH: Field Deployable/Portable Solar System

When: Sunday, 19 September 2021 from 1300 – 1700 (1:00 PM – 5:00 PM).

Where:

Home of KB3SPH/KB3SWS, directions to be provided at a later date.

How (To):

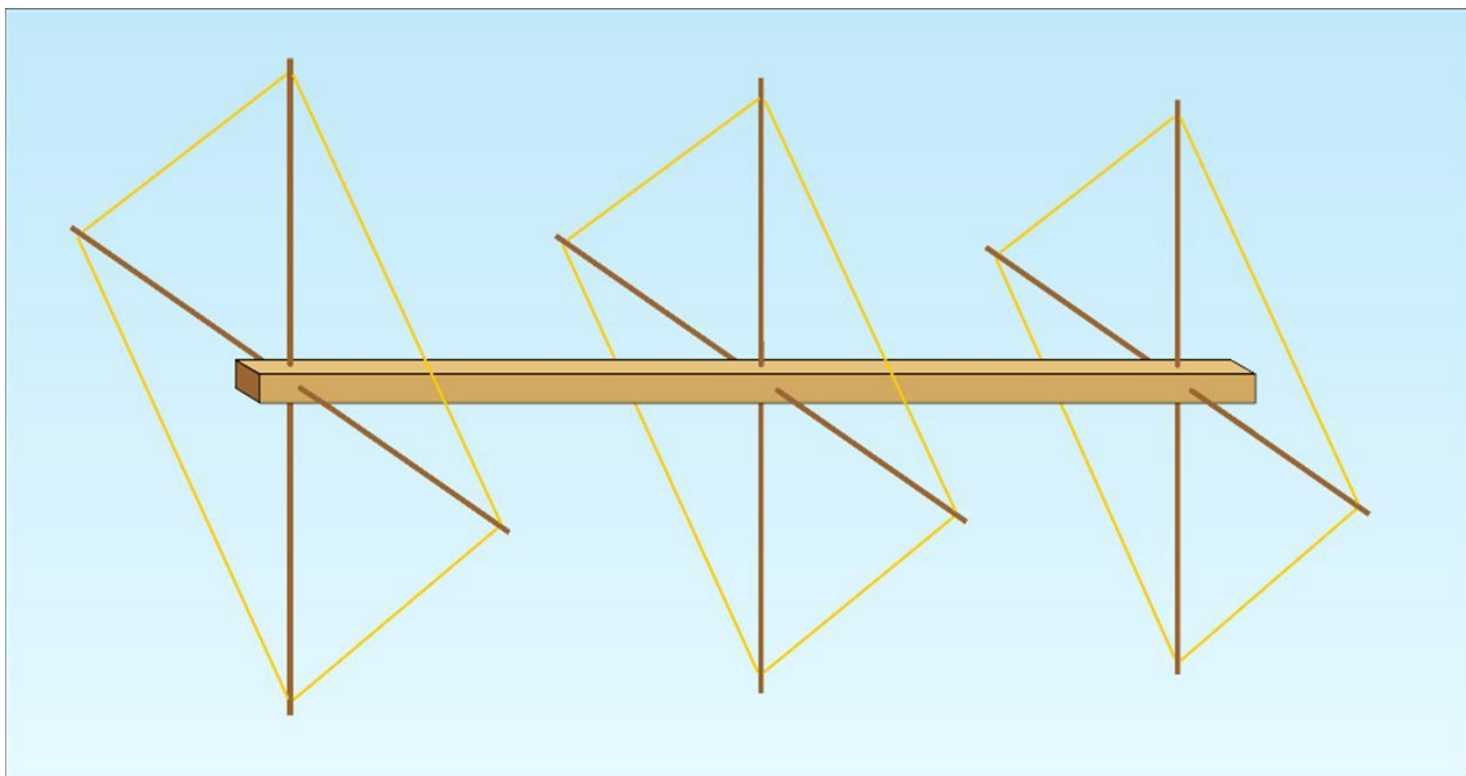
- Briefs on how to use Anderson PowerPole connectors (the ARES/RACES standard) and demonstrations on various configurations to assemble
- Hands on use of PowerPole crimpers and insulated connector crimpers to assemble cables - Hands on use of other crimp-on connectors, PL-259 connector installation, etc.
- Briefs and demonstrations on preparation of cables and soldering various connectors and Crimp-the-Shield/Solder-the-Pin connectors
- Hands on use of soldering equipment

Note: No experience or bringing of equipment is necessary, come and learn from others! If you have a situation where you need assistance in getting a connector/advice on equipment, please bring that equipment to the workshop and let the "Brain Trust" have a crack at solving the issue.

Why: Get the creative juices flowing!

If you are interested in attending the workshop, please let me know via email (humbert1js@gmail.com) and include the number of people you're bringing with you.

73 Jeff - KB3SPH Cell/Text: 301-848-8043



CCARC 2-METER QUAD ANTENNA PROJECT

Last year, as a club project, the CCARC built a simple 3-element, 2-meter Yagi antenna based on the WA5VJB Cheap Yagi. This year we are going to build a 3-element, 2-meter Quad antenna.

The antennas will be constructed at the Annual Connector Workshop on September 19, at the Nanjemoy Creek Environmental Education Center, aka our Field Day site. Assembly will involve gluing the element spreaders into the boom, threading the wires through the spreaders, attaching the coax cable, and testing the antenna.

The antenna kit will come with boom and spreader parts, wire, and coaxial cable with PL-259 connector. If your radio needs something different, please bring an appropriate adapter for testing. Glue for the project will be provided. The cost of the antenna kit will be \$20.

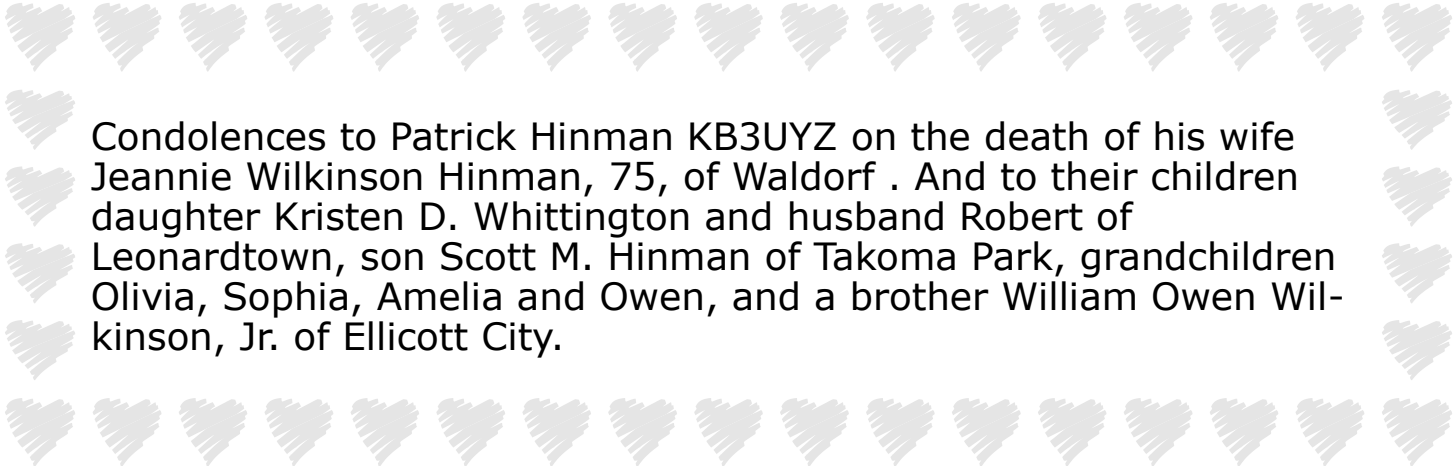
So we know how much wire, coax and materials to purchase, please submit your order before

August 31. You do not need to be a member of CCARC to order a kit and participate.

Please email Jeff, KB3SPH, or Bob, NW3M, to put in your order before August 31.

Jeff: humbert1js@gmail.com Bob: flyingham@verizon.net

Condolences



Condolences to Patrick Hinman KB3UYZ on the death of his wife Jeannie Wilkinson Hinman, 75, of Waldorf . And to their children daughter Kristen D. Whittington and husband Robert of Leonardtown, son Scott M. Hinman of Takoma Park, grandchildren Olivia, Sophia, Amelia and Owen, and a brother William Owen Wilkinson, Jr. of Ellicott City.

CCARC weekly net

Charles County Amateur Radio Club net each Wednesday 2030 local time
147.195 MHz, + 600 offset, PL 156.7 Hz. If repeater fails 146.480
simplex

EchoLink KB3KOW-R (when available, watch emails)

Follow us on Netlogger

Nets will be roundtable type with a question of the week for discussion. All amateur radio operators are welcome; please join in the fun!

Sign up for net control at

<https://www.signupgenius.com/go/20F0B48ACAB2CA5F85-ccarc>

Contests in August

SARL HF Phone Contest	1	Run for the Bacon QRP Contest	15 to 16
K1USN Slow Speed Test	2	K1USN Slow Speed Test	16
ARS Spartan Sprint	3	Worldwide Sideband Activity Contest	17
Worldwide Sideband Activity Contest	3	RTTYOPS Weeksprint	17 to 19
RTTYOPS Weeksprint	3 to 5	Phone Weekly Test - Fray	18
Phone Weekly Test - Fray	4	CWops Mini-CWT Test	18 to 19
VHF-UHF FT8 Activity Contest	4	EACW Meeting	19
CWops Mini-CWT Test	4 to 5	RTTYOPS Weeksprint	19
EACW Meeting	5	K1USN Slow Speed Test	20
NRAU 10m Activity Contest	5	NCCC RTTY Sprint	20
SKCC Sprint Europe	5	NCCC Sprint Ladder	20
K1USN Slow Speed Test	6	QRP Fox Hunt	20
NCCC Sprint	6	Feld Hell Sprint	21
QRP Fox Hunt	6	ARRL 10 GHz and Up Contest	21 to 22
European HF Championship	7	CVA DX Contest, CW	21 to 22
FISTS Saturday Sprint	7	Keyman's Club of Japan Contest	21 to 22
Two-Meter Classic Sprint	7	North American QSO Party, SSB	21 to 22
10-10 Int. Summer Contest, SSB	7 to 8	Russian District Award Contest	21 to 22
ARRL 222 MHz and Up Distance Contest	7 to 8	SARTG WW RTTY Contest	21 to 22
Batavia FT8 Contest	7 to 8	ARRL Rookie Roundup, RTTY	22
North American QSO Party, CW	7 to 8	K1USN Slow Speed Test	23
SKCC Weekend Sprintathon	7 to 8	Worldwide Sideband Activity Contest	24
4 States QRP Group Second Sunday Sprint	9	RTTYOPS Weeksprint	24 to 26
K1USN Slow Speed Test	9	Phone Weekly Test - Fray	25
Worldwide Sideband Activity Contest	10	SKCC Sprint	25
RTTYOPS Weeksprint	10 to 12	CWops Mini-CWT Test	25 to 26
NAQCC CW Sprint	11	EACW Meeting	26
Phone Weekly Test - Fray	11	K1USN Slow Speed Test	27
VHF-UHF FT8 Activity Contest	11	NCCC Sprint	27
CWops Mini-CWT Test	11 to 12	QRP Fox Hunt	27
MMMonVHF/DUBUS 144 MHz Meteorscatter Sprint	11 to 13	RTTYOps WW DX RTTY Contest	27 to 28
EACW Meeting	12	ALARA Contest	28 to 29
K1USN Slow Speed Test	13	CVA DX Contest, SSB	28 to 29
NCCC Sprint	13	Kansas QSO Party	28 to 29
QRP Fox Hunt	13	Ohio QSO Party	28 to 29
Kentucky State Parks on the Air	14	W/VE Islands QSO Party	28 to 29
QRP ARCI European Sprint	14	World Wide Digi DX Contest	28 to 29
SARL Youth Sprint	14	YO DX HF Contest	28 to 29
50 MHz Fall Sprint	14 to 15	SARL HF CW Contest	29
Maryland-DC QSO Party	14 to 15	Hawaii QSO Party	30
WAE DX Contest, CW	14 to 15	K1USN Slow Speed Test	30
FISTS Sunday Sprint	15	QCX Challenge	30 to 31
NJQRP Skeeter Hunt	15	RTTYOPS Weeksprint	31
SARL HF Digital Contest	15	Worldwide Sideband Activity Contest	31

Advanced Technical Information Online

By Bob, NW3M

Solar Cycle 25 is starting to wake up. The higher HF bands are beginning to open up more frequently and from what I've seen so far, this is promising to be a good ride over the next few years. I've already heard several openings on the 10 meter FM simplex frequency. During Field Day I found several South American stations on 15 meters participating in some other contest and several others from various Caribbean islands participating in Field Day.

If you are like many hams that get frustrated with what seems like a contest every weekend but enjoy chasing DX or just ragchewing, you're in luck. As the sun gets more active, so do three of the WARC bands where contesting is prohibited. Those are the 30, 17 and 12 meter bands.

The 17 meter band is very much like the 20 meter band. In fact, when 20 meters is open, you will often find that 17 meters is equally open, and much less crowded. Yes, you'll still run into pile-ups to bust that are for a DX station, a rare island activation, or a popular special event station.

The 12 meter band shares many similarities with both 15 and 10 meters. Best of all, a full size Yagi for 12 meters is relatively small. If you've ever wanted to build and experiment with an HF Yagi antenna, the 12 and 10 meter bands are a great place to do just that. And with both bands becoming more active for the next few years, the chances of snagging QSOs will only get better.

For our Technician licensees, the 10 meter Tech sub band is the most active portion of the band during an opening. Large and complex antennas are not needed. During solar peak periods I often use a Larsen 10 meter, base loaded, magnet mount antenna or a Hustler 10 meter center-loaded antenna on my truck. Both antennas perform very well and I've been able to work plenty of foreign and domestic stations with just a 10-watt transmitter. Naturally I've had much better luck with the 100-watt transmitter.

On 12 meters you'll encounter more DX-ers and people looking for contacts in order to get their Worked All States, Worked All Counties, and other certificates. If you like collecting QSL cards, those are the people you want to talk to as they'll need confirmations of their contacts in the form of either a paper QSL or an eQSL.

Because openings on these bands are dependent on solar activity, they won't be open every day. But there are some good online resources to help you determine if they are open.

<https://www.dxmaps.com/spots/mapg.php>

<http://www.reversebeacon.net/main.php>

<https://www.ncdxf.org/beacon/>

The DXMaps site displays various maps (World, North America, etc.) with lines connecting contacts logged in the last 15 minutes. You can select individual bands to display on the map as well as set many different parameters for displaying information. One small caveat, the site owner really doesn't like it if you use ad-blocking software. You'll still get to use the site, but your map display will be slightly cut off by his window that tells you his thoughts on your ad blocking attitude. Luckily there is a zoom button to compensate for the shrunken map window.

The Reverse Beacon site uses a world wide array of receivers that monitor CW and digital modes to list stations that have been heard. Currently the map function is down but the list is an easy tool to see where stations are being heard either from your area or in an area you're hoping to contact.

The NCDXF Beacon site is an active list that shows what beacons are currently transmitting on each band on the standardized frequencies and schedule. By listening through a complete cycle you can get an idea of active propagation paths from your area. There are beacon transmitters located around the world and each transmits on 20, 17, 15, 12, and 10 meters on a standard frequency for each band. To use it, pick the band you want to operate on, tune to the NCDXF beacon frequency for that band, and listen for about 10 minutes. If you can't copy the 22 word per minute Morse code, you can simply look on the website list and it will tell you which transmitter is transmitting on that band at that moment. The beacon transmitters are located all around the globe.

I hope you will use these tools to learn about the daily cycles of radio propagation and get on the air to have some fun making contacts and new friends all around the world.

Special events in August

07/30/2021 | Indiana State Fair

Jul 30-Aug 20, 2000Z-0000Z, W9ISF, Indianapolis, IN. Indiana State Fair Amateur Radio Club. 7.240 14.240 3.800. QSL. Indiana State Fair ARC, 7405 E. County Road 900 N, Brownsburg, IN 46112-8858. www.qrz.com/db/w9isf

07/31/2021 | 66th Season at Penn Can Speedway

Jul 31-Aug 1, 1400Z-1900Z, N3P, Susquehanna, PA. Binghamton Amateur Radio Association. 28.350 14.260 7.260 146.865 repeater (146.2 tone). Certificate. Robert Mess, 2505 Oak Hill Rd., Susquehanna, PA 18847. ws2u.bob@gmail.com or www.w2ow.org

07/31/2021 | Apollo 15 50th Anniversary

Jul 31-Aug 1, 0000Z-2359Z, Various, Various. NASA Amateur Radio Clubs. 14.074. QSL. Contact appropriate club, Check club QRZ.COM site, Various. Several NASA center and facility amateur radio clubs will be on the air commemorating the 50th anniversary of the Apollo 15 mission. Most will be operating from home stations using their club call signs. Contact the appropriate club for QSL information. Check the DX spotting cluster for frequency and mode information nn4sa@arrl.net

08/01/2021 | San Max Special Event

Aug 1-Aug 31, 0000Z-2359Z, 4A2MAX, Diamond, MEXICO. Asociacion de Radioexperimentadores de Nuevo Leon. 28.420 21.220 14.180 7.160. Certificate & QSL. Jose de Jesus Lopez V , 5914 San Bernardo Ave, Suite 4-135, Laredo, TX 78041-2506. 4a2max@xe2h.org or www.qrz.com/db/4a2max

08/04/2021 | US Coast Guard 231st Birthday

Aug 4, 1400Z-2300Z, K1CG, Port Angeles, WA. CG CW Operators Association. 21.052 14.052 7.052 3.552. QSL. Fred Goodwin , 424 N. Bagley Creek Rd, Port Angeles, WA 98362. www.qrz.com/db/k1cg

08/06/2021 | Pluto - Countdown to the 100th Anniversary of the Discovery of Pluto

Aug 6-Aug 8, 0000Z-2359Z, W7P and W7P/0, Flagstaff, AZ. NADXA - Northern Arizona DX Association. 14.290 14.090 21.290 7.290. Certificate & QSL. Bob Wertz, NF7E, 6315 Townsend/Winona Rd., Flagstaff, AZ 86004. Back by heavy demand - Countdown to the 100th Anniveresy of the Discovery of Pluto" - Last opportunity for contact in the inaugural year. See our web site NADXA.com for Certificate and QSL information. The Ninth Planet? nadxa.com

08/06/2021 | Pro Football Hall of Fame Enshrinement Festival

Aug 6-Aug 8, 1900Z-2359Z, W8AL, Canton, OH. Canton Amateur Radio Club. 3.980 +/- 7.280 +/- 14.280 +/- . Certificate & QSL. Canton ARC - W8AL, PO Box 8673, Canton, OH 44711-8673. Watch for FT8 or other digital modes. On the air times subject to operators availability, watch spots/social media. Send QSL Card and \$2.00 for postage & handling. www.w8al.org

08/07/2021 | 100th Anniversary of the 1st Professional Baseball Game Radio Broadcast

Aug 7, 1200Z-2359Z, KD3KA, Saxonburg, PA. Butler County Amateur Radio Public Service Group. 7.040 7.240 14.040 14.240. QSL. BCARPSG, P.O. Box 141, Prospect, PA 16052. KDKA, Pittsburgh, PA is the longest continuously scheduled commercial broadcast radio station in the world and holds many "firsts" in radio history. The first radio broadcast of a professional baseball game was on KDKA on August 5, 1921, from Forbes Field in Pittsburgh. BCARPSG will celebrate this centennial milestone with a special event station from Roebing Park in Saxonburg, near the site of KDKA mediumwave and W8XK shortwave transmitters in the 1930's. A commemorative QSL is available via BCARPSG, P.O. Box 141, Prospect, PA 16052. Please send SASE. Donations gratefully accepted. <https://www.kdka100.org>

08/07/2021 | Johnsonville Brat Days (Sheboygan, WI)

Aug 7, 1500Z-2259Z, W9B, Sheboygan, WI. Sheboygan County Amateur Radio Club. 7.240 14.240. Certificate. W9VCL Sheboygan County Amateur Radio Club, 4235 N 29th Street, , Sheboygan, WI 53083. QSL: Certificates feature hand-drawn artwork from Joe Ash W9ODV - Please include \$2.00 for an 8-1/2x11 certificate mailed in manila envelope or send \$1 and SASE #10 (certificate will be folded). Emailed PDF: no charge. Please do NOT send folded envelopes with postage affixed - we will use our own envelopes w9vcl.com

08/07/2021 | Missouri Bicentennial 1821 - 2021, First State Capitol

Aug 7-Aug 15, 0001Z-2359Z, K0B, Saint Charles, MO. St. Charles Amateur Radio Club. 14.215 7.215 7.105; all bands, all modes as conditions permit. Certificate & QSL. Special Event Station K0B - SCARC, PO Box 658, Saint Charles, MO 63302. Club members will be operating all modes / all bands as possible from home QTH's. <https://wb0hsi.org>

08/07/2021 | Montrose Sesquicentennial

Aug 7, 1700Z-2100Z, K9UXZ, Montrose, IL. National Trail Amateur Radio Club. 14.250 7.250. QSL. National Trail Amateur Radio Club, P.O. Box 903, Attn: Montrose Sesquicentennial, Effingham, IL 62401. The National Trail Amateur Radio Club will be helping the town of Montrose, Illinois celebrate 150 years. www.nationaltrailarc.org

(Continued from page 10)

08/07/2021 | River City Days

Aug 7, 1430Z-1800Z, WOR, Red Wing, MN. Hiawatha Valley Amateur Radio Club. 14.250 7.250 147.300. Certificate. Bill Eichenlaub, 1966 Launa Ave, Red Wing, MN 55066. hvamateurradioclub.com

08/07/2021 | Stannard Rock Lighthouse Activation

Aug 7-Aug 8, 1600Z-1600Z, W8L, Muskegon, MI. Grand Valley State University ARC, W8GVU. 3.875 7.287 14.285 28.485. Certificate. Dan Mills, 1817 Mills Ave, Muskegon, MI 49445. This is the first time Stannard Rock Lighthouse has been activated! (It is very challenging!) For details, please see n8ppq.net/stannardrock

08/08/2021 | Jackson County Fair

Aug 8-Aug 14, 1400Z-0000Z, W8J, Jackson, MI. Cascades Amateur Radio Society. 14.235 14.045 7.180 7.045. QSL. Cascades Amateur Radio Society, P.O. Box 512, Jackson, MI 49204. K8TS@arrl.net or www.w8jxn.org

08/08/2021 | Steel City ARC - 80th Year Anniversary

Aug 8-Aug 15, 0000Z-2359Z, W3KWH, Carnegie, PA. Steel City Amateur Radio Club. 28.495 3.985 146.550. QSL. Steel City ARC, P.O. Box 281, Carnegie, PA 15106. Help the Steel City ARC celebrate its 80th year in Ham radio. Operating from our clubhouse since 1941. Our member will be operating a special event station from Aug 8th through Aug 15th. w3kwh.com/steel-city-arc-80th-year

08/09/2021 | American Association for Nude Recreation National Convention

Aug 9-Aug 14, 1800Z-2359Z, NU5DE, Mc Dade, TX. Naturist Amateur Radio Club. 14.265 21.365 7.260. Certificate. Naturist Amateur Radio Club, 166 Eely Rd, #G1, Mc Dade, TX 78650. Celebrating 90 yrs. Request full color QSL card or a 8 1/2 x 11 Certificate. nu5de.org

08/09/2021 | The Brickyard 400 - Race Three

Aug 9-Aug 15, 0000Z-2359Z, W9IMS, Indianapolis, IN. The Indianapolis Motor Speedway Amateur Radio Club. 18.140 14.245 7.245 3.840. Certificate. W9IMS, P.O. Box 30954, Indianapolis, IN 46230. See the website for ALL information! w9ims.org

08/10/2021 | Navajo Code Talkers

Aug 10-Aug 14, 0000Z-0000Z, N7C, Chinle, AZ. N7HG. 14.265 21.265 7.265 18.133. Certificate & QSL. Herbert Goodluck, PO Box 06, Lukachukai, AZ 86507. A group of Native American men join US Marine Corps in World War II to pass messages in own native tongue to help end the war. n7hgster@gmail.com Also N7C

08/12/2021 | Celebrating the return of the 2021 Illinois State Fair

Aug 12-Aug 21, 0500Z-0500Z, K9Y, Rochester, IL. K9ZXO. 14.070 MHz. QSL. K9Y - J. Mitch Hopper, 536 E. Mill St., Rochester, IL 62563. Celebrating the re-opening of the IL State Fair which was cancelled last year due to the Covid pandemic. ALL modes, all bands. QSL SASE only. id@brainmist.com or www.qrz.com/db/k9y

08/13/2021 | Hedy Lamarr, the Inventor

Aug 13-Aug 27, 1400Z-1400Z, K4H, Dallas, GA. W4IBM Amateur Radio Club. 80m - 3.945; 40m - 7.245; 20m - 14.245; 10m - 28.345; FT8 as conditions permit. Certificate & QSL. Ruth Leber, 598 Trace Rd, Dallas, GA 30157. w4ibm.club/joomla30/index.php/club-activities/18-special-event-hedy-lamarr-inventor

08/14/2021 | Irishfest La Crosse Special Event

Aug 14, 1600Z-2200Z, W9UP, La Crosse, WI. Riverland Amateur Radio Club. 14.260 14.265. Certificate. Riverland Amateur Radio Club, PO Box 621, Onalaska, WI 54650. Operating Frequency – 14.260 MHz (we would move up from this frequency if it is in use) • Additional Operation – Yaesu Fusion Wires X – Room 63956 via Riverland Amateur Radio Club's Repeater. rarc.qth.com

08/14/2021 | USS Midway Museum Ship Special Event: US Coast Guard Birthday

Aug 14, 1600Z-2300Z, NI6IW, San Diego, CA. USS Midway (CV-41) Museum Ship. 14.320 7.250 PSK and CW on various HF bands DSTAR on various reflectors. QSL. USS Midway Museum Ship COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. Please check spotting networks to find us on HF. Consult www.dstarusers.org to find our call sign NI6IW and Reporting Note to see what reflector we're using. Note: Typical QSL turn-around time is 4 to 6 weeks after receiving request with SASE. www.qrz.com/db/ni6iw

08/19/2021 | D-Day Ohio D-Day Reenactment and WWII Living History Special Event Station

Aug 19-Aug 22, 2000Z-0400Z, W8D, Conneaut, OH. D-Day Ohio Radio Amateur Club. 1.885 3.885 7.290. QSL. Garret Scott / W8D, 10236 Birch Hill Lane, Knoxville, TN 37932. Operations will be from the D-Day Ohio Event, in Conneaut Ohio, utilizing WWII period radio equipment. Equipment operated will include SCR-177B, SCR-284, SCR-694, and others. Modes are AM and CW. w8d.us

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08/19/2021 | Mud Volleyball (Epilepsy Foundation of CT)

Aug 19-Aug 22, 0200Z-1400Z, W1E, Middletown, CT. Middlesex Amateur Radio Society. 7035 7.195 10.135. QSL. Anthony Lefebvre, 11 Maple Street, East Hampton, CT 06424. MARS club commemorates the annual Mud Volleyball tournament held by the Epilepsy Foundation of CT, operating on 20m, 40m, Phone, PSK, CW. www.w1edh.weebly.com

08/21/2021 | Discover Amelia County - Finally!

Aug 21-Aug 22, 1200Z-2359Z, WB2DHY, Amelia Court House, VA. Amiable Amelia County Radio Club. 14.280 7.280 14.074 7.074. QSL. Phil Lorito, 12371 Deaton Lane, Amelia Court House, VA 23002. Amelia County, VA is #12 out of 3,077 Counties on the Most Wanted County List. Will operate CW, SSB & FT8. Additional frequencies & times will be posted. www.qrz.com/db/wb2dhy

08/21/2021 | First RR Train Dispatch by Telegraph 1851

Aug 21-Aug 22, 1400Z-0200Z, K2T, Cornwall, NY. Orange County Amateur Radio Club NY. 14.250 14.074 14.040 7.255 7.074 7.040 3.920 3.573 3.540 . Certificate. OCARC, P.O. Box 624, Cornwall, NY 12518. Certificate downloadable from website. W2HO@ocarcny.org or www.ocarcny.org

08/21/2021 | ILLW

Aug 21-Aug 22, 0001Z-2300Z, W5BMC, Patterson, LA. Bayouland Emergency Amateur Radio Service. 14.275 7.275. QSL. BEARS, 708 Front St, Morgan City, LA 70380. Echo Link 507010 w5bak Echo Link W5BMC- Echo ini 507010 W5BMC- W5BMC-R echo link 507010

08/27/2021 | Amateur Radio Software Awards

Aug 27-Sep 5, 0500Z-0459Z, K2A/K2R/K2S, Ames, IA. Amateur Radio Software Award. 14.250 7.185 3.950 7.078. QSL. Amateur Radio Software Awards, Special Event Station, PO Box 126, Ames, IA 50010-0126. Special event stations K2A, K2R, and K2S are operating from Iowa, Colorado and Washington to promote free and open amateur radio software. During the event the 2021 Amateur Radio Software Award recipient Jordan Sherer will be honored for his JS8Call digital communication software. Nominations for the 2022 awards will also be encouraged. Please QSL with S.A.S.E. The Amateur Radio Software Award is an annual international award for the recognition of software projects that enhance amateur radio. The award aims to promote amateur radio software development which adhere to the same spirit as amateur radio itself: innovative, free and open. For more information about the Amateur Radio Software Award or a detailed schedule of the special visit arsaward.com

08/28/2021 | 65th Annual Auburn, Cord, Duesenberg Festival

Aug 28-Sep 8, 0000Z-2359Z, K9A, Auburn, IN. Northeastern Indiana Amateur Radio Association (W9OU). 14.074 7.225 7.074 7.030. Certificate & QSL. K9A C/O Northeastern Indiana ARA, P.O. Box 145, Auburn, IN 46706. www.w9ou.org

08/28/2021 | Buhl Day Celebration

Aug 28-Sep 7, 0800Z-2200Z, W3B, Sharon, PA. Mercer County Amateur Radio Club. 7.185 14.240 145.350. QSL. Mercer County Amateur Radio Club, PO Box 996, Sharon, PA 16146. W3B Special Event Station The Mercer County Amateur Radio Club is celebrating BUHL DAY, the 106th anniversary of Buhl Farm Park, which covers 300 acres in the Shenango Valley. The Park was given to the Shenango Valley community by Frank Buhl, a local industrialist, for the use and recreation enjoyment of the community in Mercer County, PA. A commemorative QSL will be available with a SASE. Send your QSL card to: Mercer County Amateur Radio Club PO Box 996 Sharon, PA 16146 USA www.w3lif.org

08/28/2021 | Tri-States Portable Special Event: ND, MN & SD (White Rock, SD)

Aug 28-Aug 29, 1400Z-2350Z, W0JH, White Rock, SD. Stillwater (MN) Amateur Radio Association - SARA. 21.360 14.260 7.260 3.860. Certificate. By email only,, to Shel Mann, N0DRX, WhiteRock2021@radioham.org . Certificates will ONLY be sent via e-mail in PDF. WhiteRock2021@radioham.org. We will be operating from the corners of South Dakota, North Dakota and edge of Minnesota (Grid Square: EN15). Encampment at: White Rock, SD www.radioham.org

K4A – Special Event

Special Event commemorating **20th Anniversary of 9-11**

0000 UTC September 5th to September 12th 2359 UTC
SSB / CW and DIGITAL MODES

QSL with SASE to WA1FCN
ROBERT F BEAUDOIN
970 Mt View Rd
Cordova, AL 35550

RV Radio Network Virtual

Friday September 24, 1800,
to ~2100 CDT
Saturday September 25
0900-1400 CDT



Speakers Tom W3TOM, Mike Sokol, Mike Dorosin N6RDF, Greg Lapin N9GL, Hank K4HM & Selene KG4RMT Montgomery, Dwight Bonifield W8TJT, & David Ventura KE0NA

Tentative Agenda (Central time)

Host Michelle N3YRZ questions contact msack@verizon.net

24	Friday September
1730	gathering & chat time
1800	Opening & introductions & Silent Key memorial
1830	Raspberry pi AllStar Radio Node
1930	Forum HF and antenna set up at camp
2030	Prize drawing day 1
2035	Happy hour/ recipe exchange
over-night	Zoom open to chat, exchange recipes
25	Saturday September
900	opening & announcements
905	Digital modes Dstar/DMR
1000	Electrical pedestal and safety
1100	break
1105	RF exposure rules & the RVer
1200	Fulltiming & Workkamping
1300	member meeting & board updates
1400	Prize drawing & closing

Benefac-
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Recipe exchange

Prepare a card or file with one of your favorite recipes to fix in the RV. We can read and share at happy hour. Michelle N3YRZ will compose them into a file to share with all participants.

Free with Registration required
Early registration (by August 20)

More information and registration at <https://rvradionetwork.com/>

gets you an extra entry in grand prize drawing

K8M	11-Aug-21	2021 King Midget Jamboree
N4F	10-Aug-21	84th Anniversary of the Appalachian Trail
K9O	27-Aug-21	90th Radio Club Anniversary
K9T	13-Aug-21	BSA Troop 17 POTA Adventure
K9Y	12-Aug-21	Celebrating the 2021 Illinois State Fair
W8J	23-Aug-21	Chelsea Summer Fair
W8C	15-Aug-21	Cincinnati Hamfest/W8DXCC
W8D	18-Aug-21	D-Day Conneaut
K2T	21-Aug-21	First Rail Road Dispatch by Telegraph
K7B	9-Aug-21	Flying Legends of Victory Tour - Nampa, Idaho
W1D, K6P, K2R, N6L, W6L, N7L, W7L, N7D, W2M, K8L	21-Aug-21	International Lighthouse and Lightship Weekend
W8J	8-Aug-21	Jackson County Fair
K0A, K0B, K0C, K0D, K0E, K0F, K0I, K0K, K0L, K0M, K0N, K0O, K0Q, K0R, K0S, K0T, K0U, K0V, K0W, K0Y N0A, N0B, N0C, N0D, N0E, N0F, N0I, N0K, N0L, N0M, N0N, N0O, N0P, N0Q, N0R, N0S, N0T, N0U, N0W, N0Y, W0A, W0B, W0C, W0D, W0E, W0F, W0I, W0K, W0L, W0M, W0N, W0O, W0P, W0Q, W0R, W0S, W0U, W0V, W0W, W0Y	27-Aug-21	KANSAS QSO PARTY
K4Y	14-Aug-21	Kentucky Parks on The Air
K1P	8-Aug-21	King Philip's War Memorial Weekend
W1L, W8L	7-Aug-21	Loneliest Lighthouse
W1L	7-Aug-21	Loneliest Lighthouse
W3M	14-Aug-21	Meadowcroft Rockshelter
W0L	9-Aug-21	Memorial for club member Jacob, UA1FA
K1M	9-Aug-21	Monhegan Island IOTA Activation
W1H	11-Aug-21	Mount Washington Hillclimb
W1E	19-Aug-21	Mud Volleyball Tournament for Epilepsy
N7C	11-Aug-21	Navajo Code Talker
K8O, K8T	28-Aug-21	Ohio QSO Party
K1F	14-Aug-21	Portage Fundfest
W0R	7-Aug-21	River City Days
K4C	23-Aug-21	SMRC Cedars of Lebanon Hamfest
W0M	7-Aug-21	State of Missouri Bicentennial
N3P	23-Aug-21	Welfare Net Pig Roast

Car build kit? King Midget

Starting in 1946, Midget Motors Manufacturing sold a kit to build the "King Midget". Claud Dry and Dale Orcutt (who met as pilots in the civil air patrol) established the company in Athens Ohio. The kit had a chassis, 2 axles, patterns for sheet metal, a steer assembly, spring and the instructions.

Sales took off via small advertising in magazines that were read by home mechanics, a "500 lb. car for \$500.00"- the cost of \$270 and then would take any 1-cylinder engine. By contrast, a four-passenger 1952 Crosley CD sedan \$943, wagon \$1002. Lots of customers got some magazines to then have articles and feature their picture on the cover they became the sixth largest automobile manufacturer in the United States.

1947, preassembled cars were made available, had a 6 hp engine, a centrifugal clutch (designed by Orcutt) and was driven by the right rear wheel only (had no differential). Two-passenger micro car was also designed 1947. it measured only 102 inches with a 72 in wheelbase, it had no speedometer or reverse until the company began to offer the option of a two-speed automatic transmission (patented by Orcutt and Dry) that included a reverse. King Midget came in one color, California Cream, unless you paid \$10 extra. By 1955, the standard color was Peace Rose Cream and later became bone white.

Midget Motors developed the Junior and Trainer tube-framed motorized four-wheelers (go-karts and all-terrain vehicles) in the 50's. Model 3 made in 1957, had 76.5-inch wheelbase 117 in with four-wheel hydraulic brakes and 9.2 hp The unit-body was welded and price became \$900. (Rambler \$1775). About 5,000 were built.

In 1966 the owners retired selling it to a group of investment bankers- remaining as consultants. The new owners strayed from the owners' policy of matching sales to demand; when sales did not meet overproduction, went bankrupt. Vernon Eads (Barthman Corporation) bought the remains. His plans for a new model- a one-piece fiberglass car, the commuter, - went up in flames when fire at the Florida plant destroyed the only body mold. He closed the company in 1970 after 15 cars, including the only three Commuters ever built.

Parts & support: King Midget Parts Co. was formed in Dayton, Ohio for parts & support. Dave Stults, obtained all rights to Midget Motors, King Midget and King Midget Commuter; and as owner of several (including the one last produced), sold parts and advice through store in Indiana and mail order business. He sold to Alan Conley who changed the name to Midget Motors Supply increased part availability as he made or got others to make parts that had been unavailable. He also restored and transformed many rusty hulks back into a beautiful auto. In 2001, Mike Beebe, Midget Motors, bought all of Conley's parts and all rights to Midget Motors, King Midget and King Midget Commuter and hopes to introduce Model 4 King Midget.

King Midget Car Club <https://kingmidgetcarclub.org/the-king-midget-history/> offers books on the history of the cars, and information about spare parts, repairs, vendors, and restoration. King Midget was the only small car continuously manufactured for quarter of a century and was fuel efficient because it used aircraft lightening techniques.

Special Event Station K8M, will be at the 2021 King Midget Jamboree an annual gathering of fans and owners 8/11 to 8/15. Sponsor Robert I. Boughton /Wood County Amateur Radio Club K8TIH 930 Champagne Ave. Bowling Green, OH 43402 boughton@bgsu.edu

100 Years later, The Radio Boys revisited

William Luyster (W8BL)

edtech@iglou.com

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In a small bookstore in St. Albans Vermont, I recently rediscovered the *Radio Boys* series of books published in the early 1920s by Grosset & Dunlap. My father first introduces me to these books in the 1950s and they are among the first I clearly remember reading as a boy. Curious about how well these stories would hold up 100 years after their first publication, I bought and started re-reading the series. By and large, the *Radio Boys* books are wholesome, action adventure stories for young adults and exactly what you would expect from the writers of the Stratemeyer Syndicate, a highly successful group of writers who brought you the Bobbsey Twins, Tom Swift, the Hardy Boys, Nancy Drew, and several other such series. The early *Radio Boys* books capture a time of extraordinary interest, excitement in and of the promise of amateur radio. Before going into the specifics about the series, please allow me a brief diversion to share a bit of the history of the Stratemeyer Syndicate and its writers, since there can be few folks of a certain age who have not read at least some of these books. Additionally, the history of the Syndicate is at least as interesting and more original than most of the plotlines of most of the books in the series.

Started by Edward Stratemeyer in 1899, the syndicate named after him was the first publishing company to target their books exclusively to young readers. Stratemeyer's insight and guiding principle was that young readers wanted to be treated like adults. In keeping with this principle, publishing rules dictated that all Stratemeyer Syndicate books would have a similar size, type face, and binding as adult books. Additionally, books had to be priced considerably lower than his competitors' books. To accomplish this, writers for the Syndicate were given strict guidelines, plot outlines, and paid as little \$100 per title. Writers signed away all royalty rights and were contractually obligated never to reveal their authorship. Writers accepted these conditions because books could be written in only a couple of weeks without fear of compromising the writer's identity and reputation while working on other projects. Startemeyer's guidelines to his writers included:

Authors would be anonymous and use a single pseudonym for the series for continuity and in case of death of the writer.

Main characters would never age and never marry.

Books would be of a fixed length and chapters should end in "mid-situation" to encourage quick reading.

Each book would begin with a short synopsis of the previous book and end with the preview for the next in the series to encourage purchase of additional books.

In the early 1900s, libraries generally refused to carry the Syndicate books. Criticism ranged from opinions that "such books would cause mental laziness and ruin a child's chances for gaining an appreciation of good literature," to promoting a "contempt for social conventions due to reading this poisonous sort

(Continued on page 17)

of fiction.” Series like Nancy Drew and the less successful Radio Girls series were said to ruin a young woman by giving her “false views of life which will cloud her life with discontent in the future.” Stratemeyer, for his part, was largely undisturbed by the criticism. When the public library in Newark, NJ, banned the Syndicate’s books in 1901, Stratemeyer responded, “Personally it does not matter much to me. Taking them out of the library has more than tripled the sales in Newark.” Despite, or perhaps in light of such criticism, book sales soared and while Edward Stratemeyer died in 1930, the Syndicate continued under the leadership of his two daughters. By the 1970s Syndicate books had been published in eleven different languages.

While plot lines of the Radio Boys is formulaic—radio boys go on a summer adventure, radio boys triumph over bullies, radio boys save the day to the adulation of the adults—they also reveal in fascinating detail the history and excitement of amateur radio in the early 1920s. Each book in the series carries a forward by Jack Binns. While there's no mention in any of the books as to who Jack Binns is, in 1922 no explanation was needed. Every amateur in the nation knew Jack Binns as the radioman on the steamship *Republic*, when in 1909 with 1600 passengers on board, it collided in thick fog with the *Florida* carrying her own 2000 passengers. Jack Binn sent CQD, the distress call at the time, from the partially destroyed radio room aboard the *Republic*. Using a 10" spark coil transmitter, a magnetic detector and operating on emergency battery power, he worked the key for 15 straight hours before the *Baltic* arrived to transfer the passengers and crews of both ships to safety. The *Republic* sank, but tragedy at sea had been avoided by a dedicated and skillful wireless radio operator.

Binns was a fierce advocate for amateur radio, and in his forward to *The Radio Boys at the Sending Station*, he recounts the apocryphal story of the FCC official who proposed, “Put 'em down below 200 meters, and they'll soon die out” as the solution to the conflict with amateur radio sharing the same frequencies with commercial broadcasts. Binns goes on to say, the official “knew perfectly well that was almost impossible to operate on those low wavelengths with the apparatus in existence at the time... The amateurs, however, refused to die out. Faced with the inexorable regulation, they set to work to divide apparatus which would operate successfully. It was really a lucky thing for the world that the official in Washington thought of his clever scheme to kill the amateurs, because it provided just the incentive needed to set E. H. Armstrong to work. The result has been that within ten years he has produced three epoch-making inventions, any one of which would've been a remarkable life achievement in itself.” While Armstrong held 43 different patents, my assumption is that the three epoch making inventions to which he refers are Armstrong’s work in regeneration, frequency modulation, and the superheterodyne receiver.

Some of the ghostwriters for the series must have had an interest and knowledge of radio to write these early books. The first book in the series, entitled *The Radio Boys' First Wireless*, is a how-to manual for constructing a crystal radio set and includes a chapter devoted to winding coils and making condensers from metal foil and paraffin. In another book, the radio boys discuss the intricacies and nuances in tuning a regenerative receiver.

A chapter called “The Wonderful Tube” from *The Radio Boys at Ocean Point*, Bob, one of boys, discusses with his mentor Dr Dale, the possibility of replacing their crystal detector with a tube. “I knew you’d be wanting that sooner or later,” says Dr. Dale. “There comes a time to all amateurs when they get to hankering after something that’s undeniably better. And the vacuum tube is the thing.”

So while the hardware of amateur radio may have changed over the 100 years of amateur radio, the nature of the radio amateur as a person apparently has not.

Dr. Dale goes on to explain the theory of the tube and how Edison missed probably his greatest invention when “Mr Edison saw the needle on the plate begin to move, although the plate wasn’t touching the filament. The electrons jumped across the gap between the filament and the plate because there was nothing there to stop thema man named Flemming came along and found the oscillations caused by the flow of electrons to the plate could be utilized ...for what he called an oscillation valve that permitted the passage of current in one direction only. Dr. Dale goes on to describe the contribution of Lee De Forest saying, “He mounted a grid of wire between the filament and the plate connected with a battery. He found the slightest the slightest change in the current to the grade made a wonderfully powerful increase in the current that passed from the filament to the plate.” Dr Dale describes the process like the “touching the trigger of a rifle to set off a loud explosion.”



(permission pending from Simon and Schuster)

“There it is?” cried Joe, as the music suddenly burst upon their ears. From the inside cover illustration of *The Radio Boys First Wireless* published April 1922 by Grosset and Dunlap.



JACK BINNS

Photographed in 1908 in his uniform of an English Marconi ship operator

(permission granted via email from Jack Binns granddaughter

Virginia v@jackbinns.org)

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Hamfests

09/25/2021 - Hollywood Maryland 7th Annual TailgateFest
Hollywood, MD St. Mary's County ARA <http://k3hki.org>

10/03/2021 CARA Fest 2021 West Friendship, MD Colum-
bia Amateur Radio Association (CARA) [http://](http://www.carafest.org)
www.carafest.org

Hams in Action

Falling Star

A New York & New Jersey MARS training net July 6 heard some “mayday” calls. Net control KE2UK, with participants K2XU & K2WG tried to obtain more info as the Coast Guard was alerted and joined the frequency. Although there was no further call, later a oyster boat, Falling Star, between Guatemala and Jamaica was reported missing with 15 aboard. The US Coast Guard joined with the Jamaica Defense Force along with others from Honduras, Nicaragua, Colombia, Cuba, and the Cayman Islands to find them.

A tanker traveling nearby located the remaining 10 in a small skiff. The vessel had rolled without warning. Eleven survived the roll, but the skipper died later and was buried at sea.

Per FCC rules



my call sign at the end of my transmission

Member Column



Let the spotlight this month shine on

Aaron Brentwood

KC3SBO



Aaron Brentwood earned his first license, technician, at our test session in May 2021 and received his call KC3SBO. "I find the ability to communicate with folks world-wide and/or at home during normal times and times of crisis pretty amazing".

He was born in Galax, Virginia. He is in US Air Force with 16 years invested. He watches the radars for NORAD and intercepts foreign/domestic aircraft when/if they violate our or DC's airspace. Currently, he is on a staff tour working for the National Guard Bureau.

He, and family, have been stationed in Biloxi MS, Tucson AZ, Rome NY, Panama City FL, Knoxville TN, Anchorage AK, and Washington DC. They have also been through British Columbia and the Yukon Territory in Canada too.

He met his high school sweetheart, Stephanie, at age 14 and married her at 17. They have two boys Jarrett 19 and Justin 17. No other hams in the family yet but see that changing that in the future.

First contact was a ham out of Mechanicsville, MD on a repeater using a Baofeng HT. He was super frustrated with not being able to access repeaters and was tickled to death when it finally got through. He now has Yaesu 3100 2-meter radio, along with the Baofeng HT . on his small desk in the corner of the basement. He hasn't gotten a QSL card yet.

His Elmer is Shawn Heath, KK4TZI an Air Force buddy. Best advice given him: there's never really a wrong way to get after it, that it's called amateur radio for a reason. And his advice: plant a garden...you learn something, it's fun, might help you in the future.

Outside of radio he loves archery, customizing tomahawks, and hanging out with his wife. He could do presentations on "how to throw a tomahawk, tie a tie, shine your shoes, and how to deep fry pork-chops". People come to him to ask for help with career advice, due to a pretty diverse career in a lot of states in various duty status. Sometimes they ask Are you from Texas because of his accent but finds this a little annoying as " I'm from southwest-

ern Virginia”.

He'd like to master CW. Something he does the old-fashioned way reading a book, with everything going digital it would be great to have a physical book just in case the lights ever go out. He would like to do some contesting. Currently, he operates mostly on the 2-meter band, especially 145.350 repeater. He likes that you can operate anywhere, anytime, and talk to anywhere. And you can talk to the space station and bounce signals off the moon. He'd love to have a twenty-acre farm with a donkey, goats, chickens, a cow, and some pigs when he can afford it.

His hope for the future of amateur radio? To be as popular as Facebook.





Charles County Amateur Radio Club Meeting Minutes

June 4, 2021

Officers Present:

President – Bob Curran NW3M
Vice President – Unable to Attend
Treasurer – Pamela Humbert KB3SWS
Activities – Jeff Humbert KB3SPH
Secretary – Charles Hallock AA3WS

Visitors:

Christian Lochard
Nancy Hallock
Nathan Daetwyler

Members Present:

Jim Dunn W3JTD
Calvin Lockhart II KC3RAN (Zoom)
Thomas Gaffigan KD3XB
John Kohansby KC3PMJ (Zoom)
Michelle Sack N3YRZ (Zoom)

Meeting opened 1907 Hours.

President Bob Curran NW3M opened the Meeting at the Marbury Baptist Church Social Hall. The meeting was also displayed on Zoom. Bob welcomed the guest and members. Bob had each member give an update on the Ham activities during June.

New Business

Treasurer:

Pamela Humbert KB3SWS, gave the June Treasurer's Report. The June's Treasurer Report was approved.

Activities Manager:

Jeff Humbert KB3SPH reported on the following upcoming activities:

6 Aug 2021 – Monthly CCARC Meeting at 7:00 PM at Marbury Baptist Church Social Hall.

3 Sep 2021 – Monthly CCARC Meeting at 7:00 PM at Marbury Baptist Church Social Hall preceded by a VE test session.

19 September 2021 – Connector Workshop - Nanjemoy Creek Environmental Education Center (NCEEC) – 1:00 PM to 5:00 PM – The sixth annual event, hosted by Pam and Jeff, will include lessons on building connectors with Anderson Power Poles, that can be used with various types of equipment. Additionally, this year's theme will be "Solar Sunday." Special "Show and Tell" presentations will be given by Kato, Jeff and Steven Keller – KC3DSO, and feature backpack portable, back yard portable and whole house solar power systems.

Secretary:

Minutes for the June's Meeting are published in the Monthly New Letter. The June Minutes were approved.

Charles advised the Church has been reserved for September and October Meetings.

Old Business

None.

New Business

President Bob Curran NW3M advised the members and guest that the next meeting would be at the Marbury Baptist Church Social Hall on August 6, at 1900 Hours.

President, Bob Curran NW3M also advised Net Control Operators are need for the Weekly Club Net. He showed a draft of Three Element Quad Antenna Club Project. It was decided to build the Antenna at the upcoming Connector Workshop.

Closing:

A motion was made and seconded to close the meeting. The motion passed at 2006 Hours.

Charles Hallock AA3WS
Secretary



The Wide Area Ragchew Session

The Saint Mary's County Amateur Radio Association is hosting a monthly, informal ragchew session via Zoom for hams in the surrounding counties. The idea is to just get together to chat about what's going on, activities, etc. 2nd Thursday of every month 7:30 PM Eastern Time

AGENDA:

- Everyone is invited and welcomed from anywhere in the MDC area (southern Maryland, Northern Neck, eastern shore of Maryland, etc.)
- - Open chat – who is doing what, club news from all areas, how can we work together better to keep ham radio a growing, viable hobby, sharing of news about upcoming ham events, meet new people!
- Please keep all discussions related to ham radio activities!

JOINING THE GROUP (there are 3 different ways to join in on the meeting):

1 – Click on this QUICK LINK:

<https://us02web.zoom.us/j/8673965998?pwd=Q2IUL05PTVB3RnEvUkZPNmlKUFJ3QT09>

2 – Open up the ZOOM app on your computer or device and:

Select 'Join Meeting' button and type in the meeting ID and password:

Meeting ID: 867 396 5998 Meeting Password: 1460464

3 – Use your regular telephone (no computer needed, voice only, no video):

Dial 1-301-715-8592 (US) – Follow the voice prompts... enter the Meeting ID followed by the # (pound) symbol; then enter your participant ID (if applicable) followed by #; then enter the meeting password followed by #

Contact information: Rob Hoyt, N2OMC – SMCARA President/ host robhoyt32@yahoo.com



FCC News

The FCC's Emergency Connectivity Fund (ECF) is a program to help schools and libraries provide remote learning. For information on eligibility and the application form visit <https://www.fcc.gov/emergency-connectivity-fund> .

ANSWERS

Answers to
practice questions
1 D 2 B 3 D 4 D

WANT ADS, FOR SALE, &
PUBLIC SERVICE ANNOUNCEMENTS:

Smallwood Camera Club



Open to all skill levels and photographic interests.



email: SmallwoodCameraClub@gmail.com



Southern Maryland Astronomical Society

Explore the night sky with us at our observatory, or use your own telescope.

New to astronomy? We'll help you learn.

For information, visit us at <http://smas.us>



AMA 822 CHARLES COUNTY RADIO CONTROL CLUB MARYLAND

Interested in joining the fascinating hobby of RC airplanes?

The Charles County Radio Control Club is ready to help you get started.

Visit us on the web: charlescountyrcc.com

TrotSar Mounted Search Team
21218 Dorsey Spring Place
Germantown, MD 20878
Pete KC3SBN Commander

K3SMD



Meetings, nets, & contacts

First Friday- Monthly meeting @ 7 PM/1900

Net-Wednesdays 8:30 PM local 147.195 MHz, + 600 , PL 156.7 EchoLink KB3KOW-R

PO BOX 169, La Plata, MD 20646

- President: Bob Curran NW3M flyingham@verizon.net
- Vice-president: Bob Davidson rdavidson@aceweb.com
- Secretary: Charles Hallock AA3WS selbynet@hotmail.com
- Treasurer: Pam Humbert KB3SWS humbertpj@gmail.com
- Activities: Jeff Humbert KB3SPH humbert1js@gmail.com
- Newsletter Michelle Sack N3YRZ msack@verizon.net
- VE Coordinator Bob Curran NW3M

Charles County Amateur
Radio Club

Service Club

We're on
the web

[http://
k3smd.net](http://k3smd.net)

Leave laughing

A Contester, a dx'er and a qrp'er walk into a bar. This bar is no ordinary bar, it's a special bar in a basement of the Dayton ham radio club.

Everyone takes is seat and orders a Whiskey. Suddenly there is wild rumor floating around. Martti, OH2BH is in North Korea and P5DX is on the air!

Contester says: I bet that I can work him with a first call.

DX'er says: I bet that I can work him with a first call.

Qrp'er says: I bet that I can work him with 5 Watts.

Everyone moves in front of the rig located in the corner of the bar.

The contester goes first. He turns the rig on, takes the mic and finds the last caller. He calls Martti with a perfect timing.

Martti answers to someone else.

The contester was too lazy to wait for three minutes for the linear to warm up.

The Dx'er says to the Qrp'er: "It's your turn, do your best".

The qrp'er dials the power down to 5 Watts and selects CW. He frantically calls for three minutes, hoping Martti would pick him out, but no cigar.

Martti answers to someone else.

Meanwhile, the linear has warmed up. It's the dx'ers turn. He tunes the linear for maximum smoke and gives the last two of his call, alpha hotel, alpha hotel.

Martti answers to someone else.

The waitress notices these three unhappy fellows and asks: "Would you guys like to have another three Whiskies?"

Suddenly Martti's voice comes booming out of the speaker...

"Stand-by, who's the YL, three Whiskey?"