



# Azalea Coast Amateur Radio Club

Aug-Sep 2021  
Edition



### From the Editor

We are edging into the prime part of hurricane season and everyone knows what a hurricane can do to the Wilmington area. When a natural disaster like a hurricane strikes Hams are eager to jump into action...but how? Ever hear of ARES – Amateur Radio Emergency Service? Now is the time to take action if you haven’t heard about it or have heard about it but are waiting to “get around to it.” The club has already had a show-and-tell about emergency comms at the May 2021 monthly club meeting this year. Take some action now and volunteer your services to the Wilmington area ARES.

Do you have a question you want answered? Are you curious about something ham related but need some ideas or guidance? Are you stumped about something and need help? We have mentors that can give you the advice you need. Please see the “Need help? Contact us” link on the home page of ac4rc.org . Best of all, it’s free!

73! - Jeff (W4BIX) – w4bix@arrl.net

**ACARC**

**President**  
Jeff McCulloch  
(K4JEL)

**Vice President**  
Mike Hartmann  
(NI2S)

**Secretary**  
Norman Clemmons  
(KI4YSY)

**Treasurer**  
Anita Jacobs  
(KG4IIL)

Azalea Coast  
Amateur Radio Club  
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Wilmington, NC 28406

**www.ac4rc.org**



### Upcoming Important Club Events

**Aug 14<sup>th</sup>** VEC Testing 10:00 AM  
CFCC North campus

**Aug 17<sup>th</sup>  
Sep 21<sup>st</sup>** Monthly club meeting, 7:00 PM  
*Watch for emails about location...*

**Every Monday** 2 Meter Rag Chew, 9:00PM  
147.18MHz, +0.600 offset, 88.5 tone  
Norman (KI4YSY) is net control

# 2021 Field Day

by Mike (N12S) and Jeff (W4BIX)

Field Day 2021 is now in the books and scoring has been submitted. This year it was held at the usual spot, Ogden Park and it was encouraging to see a good turnout.



From Mike (N12S): I've submitted our score to the ARRL today. Our preliminary score is 1,986 points. This does not include any of our members who operated field day from home and aggregated their logs with the Azalea Coast ARC. Official scores will be published in the December QST.



Last year's score was 2,196 points. We had more contacts last year than this year, but we also had more bonus points this year than last year, so the two balanced out so to speak. Conditions on 80m were poor, and I suspect the antenna we used may not have been optimal either. Our lack of progress on 80m is really what impacted our contact count, and certainly not for a lack of trying. This reminded me of a past lesson learned, more or less forgotten, that it's best to

use an antenna (dipole) optimized for 80m during FD, if you have the space for it.



I would also offer a few other lessons learned, and invite others who have suggestions on how to make things better to share as well.

\* For a 2-station op we probably should have started set-up at 10am. Even though we were on the air on-time, it was a rather hectic affair.

\* For a 2-station op we have to have filters on both radios. Cross-rig interference was pretty significant

\* We didn't actually use the generators that two of our members brought to FD and we should have. That was 100 bonus points lost.



Once again, I'd like to thank everyone who participated in this year's Field Day effort. It was a great turn-out of club members, and it looked to me like everyone had a good time at Ogden Park.

## VEC Testing Results

by Steve (AJ4JJ)

We had a test session on June 12th, and we have 2 new Generals and 1 new Technician. Thanks to all the VE's that came to help .

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## ACARC Club Donation

by Jeff (K4JEL)

Bill Bailey, K4BUY, from Florida often vacationed on Oak Island and kept several pieces of radio equipment on the Island. Bill is moving and has decided to use a remote station from his new QTH to continue his ham radio activity. Bill decided to donate much of the radio equipment to the Azalea Coast Amateur Club.



The centerpiece of this donation is a Yaesu FT-856. The FT-856 was used at this year's Field Day and will be used by the club for many of its future activities. We certainly thank Bill for his generous donation and wish him good Dx from his new QTH.



## Battleship USS North Carolina (BB-55) Ops Welcomes a New Ham into the Hobby

By Linwood (NT4F)

Richard Orr (N4TKG) received his General license on June 24, 2021. He requested that his first HF contact be from the USS North Carolina Battleship, NI4BK. He had toured the ship when he was a teenager and has fond memories of back then.

He contacted the Azalea Coast Amateur Radio Club requesting to come to the ship as a guest operator. The ACARC encourages participation in the guest operator program and granted his request.



So, on July 17, 2021 at about 10:30 am Richard made his first HF contacts using NI4BK / N4TKG. Needless to say, his first HF experience was midst a pile-up wanting to talk to him and BB-55. I believe this experience has set the stage for a long and exciting Amateur Radio Hobby.



Many thanks to Jeff, K4JEL, ACARC president for helping with this new Hams experience.



# ACARC Bids Farewell To Allan Pellnat KX2H

*by Linwood (NT4F)*

The Azalea Coast Amateur Radio Club is losing a long time member and important Battleship North Carolina (BB-55) volunteer, Allan Pellnat (KX2H). Allan has decided to move back north to stay with family up there.

Allan was our main (and most of the time only) CW operator during ship radio operations as well as an integral part of restoring the old WW II radios and antennas.

Allan was sent off with a token of the club's appreciation in the form of a plaque that read:

**Today, August 10, 2021 the  
Azalea Coast Amateur Radio Club  
would like to recognize**

**Allan Pellnat (KX2H)  
Battleship Coordinator**

**For your outstanding service by sharing  
your deep knowledge in all aspects of  
Amateur Radio for the benefit of the Club  
members and your outstanding Ham Radio  
Services for the patrons of the USS Battleship  
North Carolina for the past 5 years. Well done  
Allan and Thank you.**

**Jeff McCulloch (K4JEL)  
President of ACARC**



The following is a reprint of the Member's Spotlight from an older issue of the club's newsletter.

## **How did I get interested in Ham radio?:**

In my early teens I was stamp collector and SWL on our 1939 Philco Console radio which sat between our two living room windows and had a random wire antenna strung from front to back of the house about a foot above the peak. Those old Philco consoles didn't have a BFO but I could pick up occasional "toneless" buzzes and hisses that I learned were morse code. Our family dentist was a ham and he encouraged me to expand my listening. Together with a copy of "The Boy Mechanic" in the public library near me; a pair of dry cells in series with a door buzzer and surplus WW2 J38 key I taught myself enough sending and receiving at 5 WPM to get a Novice class license at 5 WPM and a year to upgrade or out. In four months I upgraded to General at 15 WPM CW and authority to use a VFO on any of the bands.

## **First licensed: Areas of interest to me?**

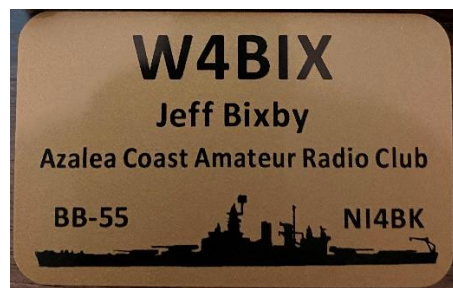
A photo of me at my station with an S-38C and 100 Watts CW to a random end fed wire antenna showed QSL cards on the wall from nine states as a Novice. DX was simply unheard of for me as a Novice but the General 15 WPM license at age 15 opened that avenue up for me and CW DXing has been my chief joy in ham radio. The CW bands from 40 on up to 10 meters are where I have lived ever since. When asked about other modes I reply that "I own a classic Astatic D-104 Lollipop mike that sits on the floor next to my desk and is rarely plugged in".

## **Some of the most exciting times in my years of ham radio:**

Graduating from just CW to RTTY was a genuine new interest for me because my work life at AT&T dealt with commercial TTY networks. Then along came PSK31 with a real functional "Backspace" key!

Chasing DX in different modes has kept me going. I have WAS and DXCC for CW (276), RTTY, Mixed, and Digital.

Working the USS Missouri KH6BB ham station on 20M CW using North Carolina's TBM4 original 1937 transmitter and receivers for a commemorative exchange of messages on the 65th anniversary of the Japanese surrender.



The badges are made with a color process with a gold badge blank and a safety pin clasp on the back. The design of the badge is a nod to one of the clubs enduring functions which is operating on the Battleship North Carolina (BB-55).

Here is a link to the ordering page –

<https://thesignman.com/clubs/azaleacoastarccart.html>

The base price with a safety pin clasp on the rear is \$14.50 plus shipping & handling. The person ordering has several attachment options for an additional price. See the ordering page for more information.

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## What is ARES?

*from the ARRL website and Jeff (W4BIX)*



The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes.

Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please

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## New Club Badge

*by Jeff (W4BIX)*

A desire was expressed to have a “standard” club badge so a few of us sprang into action to design a new badge that all members can obtain. Here is an example of the new design:

inquire at the local level for specific information. Because ARES is an Amateur Radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.



If you're an individual Emergency Communication volunteer...-

- You need to be trained. In order to provide support in the event of an emergency—or even in a non-emergency situation—you need to have the proper training and licensing. Learn more about the ARRL Emergency Communications Training course.
- You need to be equipped with sustaining skills. What if when you get to a location, there is no food and the sleeping conditions are undesirable? Before you leave on your assignment, you need to make sure you have coping skills that enable you to be able to do your job operating under the conditions you are assigned to—from hardship conditions to making sure you're able to work the equipment.
- You need to prepare your family for your absence. When you leave home and head for a disaster area, your family has to be both physically and mentally able to cope. After a disaster, when a volunteer comes home, he or she can be confronted by some mental health issues, for which there are several resources. Many volunteers experience everything from fatigue or exhaustion to depression.

- You need to find ways to volunteer. You would first want to become a member of your local ARES, CERT, RACES or local emergency management organization. Then try the American Red Cross or web sites like Ready.gov.

Contact the club's President, Jeff (K4JEL) for more local information.



Links of interest for ARES and weather-related websites:

<http://www.arrl.org/ares>

<http://www.arrl.org/emergency-communications-training>

<https://www.skywarn.org/>

<https://www.ncarrl.org/ares/>

<http://nc4nh.org/>

<https://www.nhc.noaa.gov/>

<https://www.tropicaltidbits.com/>



# Aug/Sep 2021

## Contest Calendar

From WA7BNM

<https://www.contestcalendar.com/>

August 2021	
+ SARL HF Phone Contest	1400Z-1700Z, Aug 1
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 2
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 3
+ ARS Spartan Sprint	0100Z-0300Z, Aug 3
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 3
+ Phone Weekly Test - Fray	0230Z-0300Z, Aug 4
+ CWops Mini-CWT Test	1300Z-1400Z, Aug 4
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Aug 4
+ CWops Mini-CWT Test	1900Z-2000Z, Aug 4
+ CWops Mini-CWT Test	0300Z-0400Z, Aug 5
+ CWops Mini-CWT Test	0700Z-0800Z, Aug 5
+ NRAU 10m Activity Contest	1700Z-1800Z, Aug 5 (CW) and 1800Z-1900Z, Aug 5 (SSB) and 1900Z-2000Z, Aug 5 (FM) and 2000Z-2100Z, Aug 5 (Dig)
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 5
+ EACW Meeting	1900Z-2000Z, Aug 5
+ SKCC Sprint Europe	1900Z-2100Z, Aug 5
+ QRP Fox Hunt	0100Z-0230Z, Aug 6
+ NCCC RTTY Sprint	0145Z-0215Z, Aug 6
+ NCCC Sprint	0230Z-0300Z, Aug 6
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 6
+ Batavia FT8 Contest	0000Z, Aug 7 to 2359Z, Aug 8
+ 10-10 Int. Summer Contest, SSB	0001Z, Aug 7 to 2359Z, Aug 8
+ European HF Championship	1200Z-2359Z, Aug 7
+ SKCC Weekend Sprintathon	1200Z, Aug 7 to 2400Z, Aug 8
+ Two-Meter Classic Sprint	1300Z-1330Z, Aug 7
+ NRRL MGM Weekend Contest	1400Z, Aug 7 to 1400Z, Aug 8
+ FISTS Saturday Sprint	1600Z-1800Z, Aug 7
+ ARRL 222 MHz and Up Distance Contest	1800Z, Aug 7 to 1800Z, Aug 8
+ North American QSO Party, CW	1800Z, Aug 7 to 0559Z, Aug 8
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 9
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Aug 9
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 10
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 10
+ NAQCC CW Sprint	0030Z-0230Z, Aug 11
+ Phone Weekly Test - Fray	0230Z-0300Z, Aug 11
+ CWops Mini-CWT Test	1300Z-1400Z, Aug 11
+ MMonVHF/DUBUS 144 MHz Meteorscatter Sprint Contest	1500Z, Aug 11 to 1459Z, Aug 13
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Aug 11
+ CWops Mini-CWT Test	1900Z-2000Z, Aug 11
+ CWops Mini-CWT Test	0300Z-0400Z, Aug 12
+ CWops Mini-CWT Test	0700Z-0800Z, Aug 12

+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 12
+ EACW Meeting	1900Z-2000Z, Aug 12
+ QRP Fox Hunt	0100Z-0230Z, Aug 13
+ NCCC RTTY Sprint	0145Z-0215Z, Aug 13
+ NCCC Sprint	0230Z-0300Z, Aug 13
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 13
+ WAE DX Contest, CW	0000Z, Aug 14 to 2359Z, Aug 15
+ QRP ARCI European Sprint	0800Z-1100Z, Aug 14
+ SARL Youth Sprint	1200Z-1300Z, Aug 14
+ Kentucky State Parks on the Air	1400Z-2200Z, Aug 14
+ Maryland-DC QSO Party	1400Z, Aug 14 to 0400Z, Aug 15
+ 50 MHz Fall Sprint	2300Z, Aug 14 to 0300Z, Aug 15
+ SARL HF Digital Contest	1400Z-1700Z, Aug 15
+ NJQRP Skeeter Hunt	1700Z-2100Z, Aug 15
+ FISTS Sunday Sprint	2100Z-2300Z, Aug 15
+ Run for the Bacon QRP Contest	2300Z, Aug 15 to 0100Z, Aug 16
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 16
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 17
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 17
+ Phone Weekly Test - Fray	0230Z-0300Z, Aug 18
+ CWops Mini-CWT Test	1300Z-1400Z, Aug 18
+ CWops Mini-CWT Test	1900Z-2000Z, Aug 18
+ CWops Mini-CWT Test	0300Z-0400Z, Aug 19
+ CWops Mini-CWT Test	0700Z-0800Z, Aug 19
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 19
+ EACW Meeting	1900Z-2000Z, Aug 19
+ QRP Fox Hunt	0100Z-0230Z, Aug 20
+ NCCC RTTY Sprint	0145Z-0215Z, Aug 20
+ NCCC Sprint Ladder	0230Z-0300Z, Aug 20
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 20
+ SARTG WW RTTY Contest	0000Z-0800Z, Aug 21 and 1600Z-2400Z, Aug 21 and 0800Z-1600Z, Aug 22
+ ARRL 10 GHz and Up Contest	0600 local, Aug 21 to 2400 local, Aug 22
+ Russian District Award Contest	0800Z, Aug 21 to 0800Z, Aug 22
+ Keyman's Club of Japan Contest	1200Z, Aug 21 to 1200Z, Aug 22
+ Feld Hell Sprint	1600Z-1759Z, Aug 21
+ North American QSO Party, SSB	1800Z, Aug 21 to 0559Z, Aug 22
+ CVA DX Contest, CW	2100Z, Aug 21 to 2100Z, Aug 22
+ ARRL Rookie Roundup, RTTY	1800Z-2359Z, Aug 22
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 23
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 24
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 24
+ SKCC Sprint	0000Z-0200Z, Aug 25
+ Phone Weekly Test - Fray	0230Z-0300Z, Aug 25
+ CWops Mini-CWT Test	1300Z-1400Z, Aug 25
+ CWops Mini-CWT Test	1900Z-2000Z, Aug 25
+ CWops Mini-CWT Test	0300Z-0400Z, Aug 26
+ CWops Mini-CWT Test	0700Z-0800Z, Aug 26
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 26



+ EACW Meeting	1900Z-2000Z, Aug 26
+ QRP Fox Hunt	0100Z-0230Z, Aug 27
+ NCCC RTTY Sprint	0145Z-0215Z, Aug 27
+ NCCC Sprint Ladder	0230Z-0300Z, Aug 27
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 27
+ RTTYOps WW DX RTTY Contest	2200Z, Aug 27 to 1200Z, Aug 28 and 1200Z-2359Z Aug 29
+ Hawaii QSO Party	0400Z, Aug 28 to 0400Z, Aug 30
+ ALARA Contest	0600Z Aug 28 to 0559Z, Aug 29
+ YO DX HF Contest	1200Z, Aug 28 to 1200Z, Aug 29
+ World Wide Digi DX Contest	1200Z, Aug 28 to 1200Z, Aug 29
+ W/VE Islands QSO Party	1200Z, Aug 28 to 0300Z, Aug 29
+ Kansas QSO Party	1400Z, Aug 28 to 0200Z, Aug 29 and 1400Z-2000Z, Aug 29
+ Ohio QSO Party	1600Z, Aug 28 to 0400Z, Aug 29
+ CVA DX Contest, SSB	2100Z, Aug 28 to 2100Z, Aug 29
+ SARL HF CW Contest	1400Z-1700Z, Aug 29
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 30
+ QCX Challenge	1300Z-1400Z, Aug 30
+ QCX Challenge	1900Z-2000Z, Aug 30
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 31
+ QCX Challenge	0300Z-0400Z, Aug 31
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 31
<b>September 2021</b>	
+ Phone Weekly Test - Fray	0230Z-0300Z, Sep 1
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 1
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Sep 1
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 1
+ UKEICC 80m Contest	2000Z-2100Z, Sep 1
+ G3ZQS Memorial Straight Key Contest	2300Z, Sep 1 to 2300Z, Sep 3
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 2
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 2
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 2
+ NRAU 10m Activity Contest	1700Z-1800Z, Sep 2 (CW) and 1800Z-1900Z, Sep 2 (SSB) and 1900Z-2000Z, Sep 2 (FM) and 2000Z-2100Z, Sep 2 (Dig)
+ EACW Meeting	1900Z-2000Z, Sep 2
+ SKCC Sprint Europe	1900Z-2100Z, Sep 2
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 3
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 3
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 3
+ CWops CW Open	0000Z-0359Z, Sep 4
+ All Asian DX Contest, Phone	0000Z, Sep 4 to 2400Z, Sep 5
+ Russian RTTY WW Contest	0000Z-2359Z, Sep 4
+ Wake-Up! QRP Sprint	0600Z-0629Z, Sep 4 and 0630Z-0659Z, Sep 4 and 0700Z-0729Z, Sep 4 and 0730Z-0800Z, Sep 4
+ Portable Operations Challenge	0800Z-1159Z, Sep 4

+ CWops CW Open	1200Z-1559Z, Sep 4
+ AGCW Straight Key Party	1300Z-1600Z, Sep 4
+ Two-Meter Classic Sprint	1300Z-1330Z, Sep 4
+ RSGB SSB Field Day	1300Z, Sep 4 to 1300Z, Sep 5
+ IARU Region 1 Field Day, SSB	1300Z, Sep 4 to 1259Z, Sep 5
+ Colorado QSO Party	1300Z, Sep 4 to 0400Z, Sep 5
+ IARU Region 1 145 MHz Contest	1400Z, Sep 4 to 1400Z, Sep 5
+ Portable Operations Challenge	1600Z-1959Z, Sep 4
+ PODXS 070 Club Jay Hudak Memorial 80m Sprint	2000Z, Sep 4 to 2000Z, Sep 5
+ CWops CW Open	2000Z-2359Z, Sep 4
+ Portable Operations Challenge	0000Z-0359Z, Sep 5
+ WAB 144 MHz QRO Phone	1000Z-1400Z, Sep 5
+ Tennessee QSO Party	1800Z, Sep 5 to 0300Z, Sep 6
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 6
+ RSGB 80m Autumn Series, SSB	1900Z-2030Z, Sep 6
+ MI QRP Labor Day CW Sprint	2300Z, Sep 6 to 0300Z, Sep 7
+ ARS Spartan Sprint	0100Z-0300Z, Sep 7
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 7
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 7
+ Phone Weekly Test - Fray	0230Z-0300Z, Sep 8
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 8
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Sep 8
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 8
+ CWops Mini-CWT Test	0300Z-0400Z, Sep 9
+ CWops Mini-CWT Test	0700Z-0800Z, Sep 9
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 9
+ EACW Meeting	1900Z-2000Z, Sep 9
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 10
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 10
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 10
+ FOC QSO Party	0000Z-2359Z, Sep 11
+ WAE DX Contest, SSB	0000Z, Sep 11 to 2359Z, Sep 12
+ SARL Field Day Contest	0800Z, Sep 11 to 0600Z, Sep 12
+ YB7-DX Contest	0900Z, Sep 11 to 1400Z, Sep 12
+ SKCC Weekend Sprintathon	1200Z, Sep 11 to 2400Z, Sep 12
+ Ohio State Parks on the Air	1400Z-2200Z, Sep 11
+ Alabama QSO Party	1500Z, Sep 11 to 0300Z, Sep 12
+ Russian Cup Digital Contest	1500Z-1859Z, Sep 11 and 0600Z-0959Z, Sep 12
+ ARRL September VHF Contest	1800Z, Sep 11 to 0300Z, Sep 13
+ North American Sprint, CW	0000Z-0400Z, Sep 12
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Sep 13
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 13
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 14
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 14
+ Phone Weekly Test - Fray	0230Z-0300Z, Sep 15
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 15
+ CWops Mini-CWT Test	1900Z-2000Z, Sep 15
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Sep 15
+ NAQCC CW Sprint	0030Z-0230Z, Sep 16

<a href="#">+ CWops Mini-CWT Test</a>	0300Z-0400Z, Sep 16
<a href="#">+ CWops Mini-CWT Test</a>	0700Z-0800Z, Sep 16
<a href="#">+ RTTYOPS Weeksprint</a>	1700Z-1900Z, Sep 16
<a href="#">+ BCC QSO Party</a>	1830Z-1859Z, Sep 16
<a href="#">+ EACW Meeting</a>	1900Z-2000Z, Sep 16
<a href="#">+ NCCC RTTY Sprint</a>	0145Z-0215Z, Sep 17
<a href="#">+ NCCC Sprint</a>	0230Z-0300Z, Sep 17
<a href="#">+ K1USN Slow Speed Test</a>	2000Z-2100Z, Sep 17
<a href="#">+ AGB NEMIGA Contest</a>	2100Z-2400Z, Sep 17
<a href="#">+ Collegiate QSO Party</a>	0000Z, Sep 19 to 2359Z, Sep 20
<a href="#">+ SARL VHF/UHF Digital Contest</a>	0500Z-0700Z, Sep 18 (6m) and 0700Z-0900Z, Sep 18 (2m) and 0900Z-1100Z, Sep 18 (70cm) and 0500Z-0700Z, Sep 19 (6m) and 0700Z-0900Z, Sep 19 (2m) and 0900Z-1100Z, Sep 19 (70cm)
<a href="#">+ ARRL 10 GHz and Up Contest</a>	0600 local, Sep 18 to 2400 local, Sep 19
<a href="#">+ Scandinavian Activity Contest, CW</a>	1200Z, Sep 18 to 1200Z, Sep 19
<a href="#">+ Iowa QSO Party</a>	1400Z, Sep 18 to 0200Z, Sep 19
<a href="#">+ Texas QSO Party</a>	1400Z, Sep 18 to 0200Z, Sep 19 and 1400Z-2000Z, Sep 19
<a href="#">+ QRP Afield</a>	1500Z-2100Z, Sep 18
<a href="#">+ Washington State Salmon Run</a>	1600Z, Sep 18 to 0700Z, Sep 19 and 1600Z-2400Z, Sep 19
<a href="#">+ Wisconsin Parks on the Air</a>	1600Z-2300Z, Sep 18
<a href="#">+ New Jersey QSO Party</a>	1600Z, Sep 18 to 0359Z, Sep 19
<a href="#">+ New Hampshire QSO Party</a>	1600Z, Sep 18 to 0400Z, Sep 19 and 1600Z-2200Z, Sep 19
<a href="#">+ Feld Hell Sprint</a>	1800Z-1959Z, Sep 18
<a href="#">+ North American Sprint, RTTY</a>	0000Z-0400Z, Sep 19
<a href="#">+ BARTG Sprint PSK63 Contest</a>	1700Z-2059Z, Sep 19
<a href="#">+ Run for the Bacon QRP Contest</a>	2300Z, Sep 19 to 0100Z, Sep 20
<a href="#">+ K1USN Slow Speed Test</a>	0000Z-0100Z, Sep 20
<a href="#">+ 144 MHz Fall Sprint</a>	1900 local - 2300 local, Sep 20
<a href="#">+ Worldwide Sideband Activity Contest</a>	0100Z-0159Z, Sep 21
<a href="#">+ RTTYOPS Weeksprint</a>	1700Z-1900Z, Sep 21
<a href="#">+ SKCC Sprint</a>	0000Z-0200Z, Sep 22
<a href="#">+ Phone Weekly Test - Fray</a>	0230Z-0300Z, Sep 22
<a href="#">+ CWops Mini-CWT Test</a>	1300Z-1400Z, Sep 22
<a href="#">+ CWops Mini-CWT Test</a>	1900Z-2000Z, Sep 22
<a href="#">+ CWops Mini-CWT Test</a>	0300Z-0400Z, Sep 23
<a href="#">+ CWops Mini-CWT Test</a>	0700Z-0800Z, Sep 23
<a href="#">+ RTTYOPS Weeksprint</a>	1700Z-1900Z, Sep 23
<a href="#">+ EACW Meeting</a>	1900Z-2000Z, Sep 23
<a href="#">+ RSGB 80m Autumn Series, Data</a>	1900Z-2030Z, Sep 23
<a href="#">+ NCCC RTTY Sprint</a>	0145Z-0215Z, Sep 24
<a href="#">+ NCCC Sprint</a>	0230Z-0300Z, Sep 24
<a href="#">+ K1USN Slow Speed Test</a>	2000Z-2100Z, Sep 24
<a href="#">+ CQ Worldwide DX Contest, RTTY</a>	0000Z, Sep 25 to 2400Z, Sep 26
<a href="#">+ Maine QSO Party</a>	1200Z, Sep 25 to 1200Z, Sep 26



<a href="#">+ Masonic Lodges on the Air</a>	1400Z-2200Z, Sep 25
<a href="#">+ AGCW VHF/UHF Contest</a>	1400Z-1700Z, Sep 25 (144) and 1700Z-1800Z, Sep 25 (432)
<a href="#">+ UBA ON Contest, 6m</a>	0700Z-1000Z, Sep 26
<a href="#">+ K1USN Slow Speed Test</a>	0000Z-0100Z, Sep 27
<a href="#">+ QCX Challenge</a>	1300Z-1400Z, Sep 27
<a href="#">+ RSGB FT4 Contest Series</a>	1900Z-2030Z, Sep 27
<a href="#">+ QCX Challenge</a>	1900Z-2000Z, Sep 27
<a href="#">+ Worldwide Sideband Activity Contest</a>	0100Z-0159Z, Sep 28
<a href="#">+ QCX Challenge</a>	0300Z-0400Z, Sep 28
<a href="#">+ RTTYOPS Weeksprint</a>	1700Z-1900Z, Sep 28
<a href="#">+ 222 MHz Fall Sprint</a>	1900 local - 2300 local, Sep 28
<a href="#">+ Phone Weekly Test - Fray</a>	0230Z-0300Z, Sep 29
<a href="#">+ CWops Mini-CWT Test</a>	1300Z-1400Z, Sep 29
<a href="#">+ CWops Mini-CWT Test</a>	1900Z-2000Z, Sep 29
<a href="#">+ UKEICC 80m Contest</a>	2000Z-2100Z, Sep 29
<a href="#">+ CWops Mini-CWT Test</a>	0300Z-0400Z, Sep 30
<a href="#">+ CWops Mini-CWT Test</a>	0700Z-0800Z, Sep 30
<a href="#">+ RTTYOPS Weeksprint</a>	1700Z-1900Z, Sep 30
<a href="#">+ EACW Meeting</a>	1900Z-2000Z, Sep 30