

Azalea Coast Amateur Radio Club

February/March 2021 Edition

ACARC

President Jeff McCulloch (K4JEL)

Vice President Mike Hartmann (NI2S)

<u>Secretary</u> Norman Clemmons (KI4YSY)

> Treasurer Anita Jacobs (KG4IIL)

Azalea Coast Amateur Radio Club PO Box 4044 Wilmington, NC 28406

www.ac4rc.org

From the Editor

We are deep into winter 2021 and damage to your equipment as the picture above shows can happen to you. There isn't too much defense against ice storms so have you thought of another way to protect your equipment? Insurance. Yes – insurance for amateur radio equipment. Take a warm minute to check out one such program sponsored by ARRL. <u>https://www.arrlinsurance.com/</u> Also check to see if your current homeowners policy can cover your equipment.

Have a question you want answered? Curious about something ham related but need some ideas or guidance? 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.

73! Jeff (W4BIX) – w4bix@arrl.net

Upcoming Important Club Events

February 13 th	VEC Testing 10:00 AM CFCC North campus
February 16 th March 16 th	Monthly club meeting, 7:00 PM via Zoom
Every Monday	2 Meter Rag Chew, 9:00PM 147.18MHz, +0.600 offset, 88.5 tone Norman (KI4YSY) is net control

Kenwood ceases production of the TH-D74 HT

by Jeff (W4BIX)

In their infinite wisdom, Kenwood just announced (late December 2020) that they are ceasing production of the Kenwood TH-D74 portable hand-held radio. No reason was given – just the announcement of end of production.



Notification of production completion of wireless communication equipment Last updated December 24, 2020

Thank you for using our products on a regular basis. We have decided to complete the production of the following wireless communication devices manufactured by our company. We would like to thank you for your patronage and thank you for your understanding.

Record

[Our wireless communication equipment that will be discontinued] Product model number Product name Last production month TH-D74 144 / 430MHz Dual Bander December 2020

• The above products will be discontinued when the stock is sold out.

• You can continue to purchase optional products.

• Production of other amateur radio equipment made by our company will continue as before.

• Repairs and support (such as updating the repeater list for TH-D74) will continue as before even after production is completed.

• There is no information that can be disclosed at this time regarding the successor models of the above products.

Interesting that the last sentence was worded in a particular way "...at this time...." - is there a successor in the works but still secret?



What's in your shack?

by Jeff (W4BIX)

Quite awhile back I had solicited members to send me photos of their shack. Let's do that again! Email me a photo of your shack and describe what equipment sits right in front of you when operating.

My shack is sporting a new hand-made shelf I just finished for holding the equipment. Top-tobottom in the photo: MFJ-949E tuner, IC-746, IC-7300, Furman power center, speakers & two keys. Also an Icom BP-21 speaker. A work still in progress.



Win4lcomsuite

by Jeff (W4BIX)

Every once in awhile even a blind squirrel finds a nut. Such is the case when I hear about some ham-related software that is something I've wanted but didn't know it even existed. This time, it is Win4IcomSuite. I happened to stumble across it when I had posed a question about HRD and Icom radios on one of the Facebook hamrelated groups.

So I looked at it, downloaded and started testing it out and eventually purchased the license. While I am not informed enough about it to write a proper review, I will post some I did find just to introduce you to this software if you've never heard about it (like me!).

Description: Win4IcomSuite is a comprehensive control package for the Icom IC-7100, IC-7300, IC-7610, IC-7600, IC-7700, IC-7850/51, IC-9700 with more radios to follow. It includes support for the built in Spectrum. Scopes of the Icom radios as well as the SDRPlay RSP devices. Win4IcomSuite has 6 virtual radios built in that can interface to any third party software programs including HRDLogbook, DM780, DXLab Suite, N1MM+, Log4OM, N3FJP and many more.

G8FXC - I've used several of the leading CAT programs over the years including HRD and DXLabs. They all work reasonably well, but they are all showing their age these days. I tried Win4ICOM on the 30 day eval and liked it, but I had some hardware problems that stopped me using it. I mentioned them in the Groups.IO support group and the author, Tom, came back quickly with some advice that got it working for me, so I bought a license.

This is a very competently designed and built application which delivers all the functionality of my 7300 through an attractive and, generally, ergonomic screen interface. It loaded and configured easily and I was controlling the rig within minutes. My only criticism of the application is that the screen is not resizable. Having built quite a few Windows applications myself, I can understand why Tom has gone down this path, but I do hope that he will offer a "compact" layout in addition to the current full layout in a future release. The attraction of a computerized shack is the ability to combine a lot of functionality at the same time - log book, DX Cluster, rig control, panadaptor and decoders for various digital modes. This requires a lot of screen real estate and the current Win4ICOM screen takes up a lot of space.

Where Win4ICOM really wins is in its ability to integrate a large number of other applications in order to arrive at a serious computerized shack solution. The panadaptor of the 7300 is good for the price, but it is a small screen and can only display the band that the radio is currently tuned to. I've added an SDRPlay RSP1a SDR receiver with the SDRUno software, connected to a RadioAnalog PTRX-7300 in the radio. This links to Win4ICOM so that tuning and mode selection is synchronized. The synchronization can be turned off in which case I get the two receivers that I was used to in my previous radio but are not present in the IC-7300.

I also run SwissLog for logging, Bandmaster for a DX Cluster client, FLDigi for the older digi-modes, and WSJT-X for the newer modes. Win4ICOM is able to bind all of these together simultaneously.

The combination that I use is not an integrated suite in the way that HRD is, so it is quite a lot more effort to get it all configured so that all the components work together. But on the other hand, I am able to choose the best available solution for each function - the hub functionality of Win4ICOM allows me to mix-and-match to achieve the solution that best meets my needs with the flexibility to swap out individual components if they fall behind.

N3HKN - Works very well. Almost complete control of the 7300, including power on/off. No program crashes and no contamination of Windows10. Updates and support very good. Polite and complete. The MANY features of the 7300 are all laid out on your screen which then illustrates how extensive the 7300 transceiver process are. It takes awhile to locate some functions but they are there. Add in the DX database, etc.. stuff and it is a top level manager of the most popular transceiver on the market.

The program also manages more than the 7300. Go to the web site for the latest set of supported radios and features.

K8IRB - It's difficult to say which was more exciting, making my 1st contact back in 1957 or starting up my IC-7300 radio using Win4Icom Suite. Both were thrilling experience.

The software seems flawless and it is loaded with features. I'm using it with my IC-7300, SDR2Pro, WSJT-X, N1MM, MMTTY, GetCW, HRD Logger and DM780. I'm anxious to learn more of the software's features, and to use it in some up coming contests.

My hats off to Tom and the development group for defining and building this impressive, and stable platform. I think they have established a new standard for others to follow.

If you have Icom radios, give this software a shot. You can download a fully-functional 30-day trial of the program for free. Go to:

https://icom.va2fsq.com/

Dayton Hamvention 2021 Cancelled

by Jeff (W4BIX)

The continued pandemic of COVID-19 has dealt another blow to the amateur radio world...for the second year in a row. It was revealed that the 2021 Hamvention held in the Dayton, OH area is cancelled once again.

From the Dayton Hamvention Executive Committee:

Unfortunately, several setbacks in the recovery from the COVID-19 pandemic make necessary the difficult decision to cancel Hamvention 2021. Hundreds of volunteers have been working to do everything necessary to bring this Hamvention to the many amateur radio enthusiasts and vendors who support the Dayton Hamvention.

Vaccine distribution both in the United States and around the world is lagging behind what was planned. In addition, the emergence of a more communicable form of the COVID-19 virus increases the potential for further public health problems in the next few months. We make this difficult decision for the safety of our guests and vendors. Those who had their tickets deferred last year will be deferred again.

Stay tuned for information about a QSO party for the Hamvention weekend. We'll be back next year!!!





Winter Field Day 2021

by Jeff (W4BIX)

A group of club members met Saturday, January 30th and set up shop in Ogden Park for the annual winter field day, an off-shoot of the ARRL Field Day held in June every year and run by the Winter Field Day Association (WFDA). The WFDA is a group of hams who believe that emergency communications in a winter environment is just as important as the preparations and practice that is done each summer but with some additional unique operational concerns.



Saturday was bright and sunny but a bit chilly. We ended up constructing three stations and operated only two at the same time (WFD mode 2-Oscar) using two separate antennas – an Alpha Delta DX-EE parallel dipole and a random-length wire with a 9:1 unun. Several of us operated while a number of club members (and a prospective club member!) stopped by to watch and provide moral (and snack) support.

The club had the shelter reserved for two days as WFD rans from 14:00 local Saturday to 14:00 local Sunday. With the forecast for rain on Sunday we made a decision to operate Saturday only. Our goal was to have fun this weekend and for once do something *in-person* as a club, not win a contest.

By and far, a majority of the stations we made contact with operated 1-Hotel (at home, not

outside). Between myself and Mike (NI2S) we logged 47 contacts in almost two hours (with several breaks to warm our hands and to switch over stations). Jeff (K4JEL) also logged a bunch of contacts with his radio, but I will have to report the grand total next newsletter.







February/March 2021 Contest Calendar

From WA7BNM

https://www.contestcalendar.com/

February 2021	
<u>+ K1USN Slow Speed Test</u>	0000Z-0100Z, Feb 1
+ OK1WC Memorial	1630Z-1729Z, Feb 1
+ RSGB 80m Club Championship, SSB	2000Z-2130Z, Feb 1
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Feb 2
+ ARS Spartan Sprint	0200Z-0400Z, Feb 2
+ RTTYOPS Weeksprint	1700Z-1900Z, Feb 2
+ QRP Fox Hunt	0200Z-0330Z, Feb 3
+ Phone Weekly Test - Fray	0230Z-0300Z, Feb 3
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 3
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Feb 3
+ CWops Mini-CWT Test	1900Z-2000Z, Feb 3
+ UKEICC 80m Contest	2000Z-2100Z, Feb 3
+ CWops Mini-CWT Test	0300Z-0400Z, Feb 4
+ RTTYOPS Weeksprint	1700Z-1900Z, Feb 4
+ NRAU 10m Activity Contest	1800Z-1900Z, Feb 4 (CW) and
	1900Z-2000Z, Feb 4 (SSB) and
	2000Z-2100Z, Feb 4 (FM) and
	2100Z-2200Z, Feb 4 (Dig)
<u>+</u> SKCC Sprint Europe	2000Z-2200Z, Feb 4
± NCCC RTTY Sprint	0145Z-0215Z, Feb 5
+ QRP Fox Hunt	0200Z-0330Z, Feb 5
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 5
+ K1USN Slow Speed Test	2000Z-2100Z, Feb 5
+ Vermont QSO Party	0000Z, Feb 6 to 2400Z, Feb 7
± 10-10 Int. Winter Contest, SSB	0001Z, Feb 6 to 2359Z, Feb 7
± EurAsia HF Championship	0800Z-1700Z, Feb 6
+ F9AA Cup, CW	1200Z, Feb 6 to 1200Z, Feb 7
+ Mexico RTTY International Contest	1200Z, Feb 6 to 2359Z, Feb 7
+ FYBO Winter QRP Sprint	1400Z-2400Z, Feb 6
+ Minnesota QSO Party	1400Z-2400Z, Feb 6
<u>+</u> FISTS Saturday Sprint	1600Z-1800Z, Feb 6
<u>+</u> British Columbia QSO Party	1600Z, Feb 6 to 0359Z, Feb 7 and
	1600Z-2359Z, Feb 7
<u>+</u> AGCW Straight Key Party	1600Z-1900Z, Feb 6
\pm European Union DX Contest	1800Z, Feb 6 to 1800Z, Feb 7
\pm North American Sprint, CW	2300Z, Feb 6 to 0300Z, Feb 7
\pm K1USN Slow Speed Test	0000Z-0100Z, Feb 8
<u>+</u> ARRL School Club Roundup	1300Z, Feb 8 to 2359Z, Feb 12
\pm OK1WC Memorial	1630Z-1729Z, Feb 8
\pm Worldwide Sideband Activity Contest	0100Z-0159Z, Feb 9
\pm RTTYOPS Weeksprint	1700Z-1900Z, Feb 9
\pm NAQCC CW Sprint	0130Z-0330Z, Feb 10
+ QRP Fox Hunt	0200Z-0330Z, Feb 10

Phone Weekly Test - Fray 0230Z-0300Z, Feb 10 CWops Mini-CWT Test 1300Z-1400Z, Feb 10 VHF-UHF FT8 Activity Contest 1700Z-2000Z, Feb 10 RSGB 80m Club Championship, Data 2000Z-2130Z, Feb 10 CWops Mini-CWT Test 0300Z-0400Z, Feb 11 TTYOPS Weeksprint 1700Z-1900Z, Feb 11 NCCC RTTY Sprint 0145Z-0215Z, Feb 12 QRP Fox Hunt 0230Z-0300Z, Feb 12 CQ WW RTTY WPX Contest 0000Z, Feb 13 to 2359Z, Feb 14 SARL Field Day Contest 1000Z, Feb 13 to 1200Z, Feb 14 SARL Field Day Contest 1000Z, Feb 13 to 1200Z, Feb 14 SKCC Weekend Sprintathon 1200Z, Feb 13 to 1200Z, Feb 14 SKCC Weekend Sprintathon 1200Z, Feb 13 to 1200Z, Feb 14 SKCC Weekend Sprintathon 1200Z, Feb 13 to 1200Z, Feb 14 SKCC Weekend Sprintathon 1200Z, Feb 13 to 1200Z, Feb 14 OMISS QSO Party 1500Z, Feb 13 to 1200Z, Feb 14 YLRL YL-OM Contest 1400Z, Feb 13 to 1200Z, Feb 14 HarCation QSO Party 1500Z, Feb 13 to 1200Z, Feb 14 OMISS QSO Party 1500Z, Feb 13 to 1200Z, Feb 14 PODXS 070 Club Valentine Sprint 0000Z-2059Z, Feb 13		
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± Asia-Pacific Spring Sprint, CW 1100Z-1300Z, Feb 13 ± Dutch PACC Contest 1200Z, Feb 13 to 1200Z, Feb 14 ± KCJ Topband Contest 1200Z, Feb 13 to 2200Z, Feb 14 ± SKCC Weekend Sprintathon 1200Z, Feb 13 to 2200Z, Feb 14 ± YLRL YL-OM Contest 1400Z, Feb 13 to 0200Z, Feb 14 ± VIRL YL-OM Contest 1400Z, Feb 13 to 1500Z, Feb 14 ± OMISS QSO Party 1500Z, Feb 13 to 1500Z, Feb 14 ± Feld Hell Sprint 1900Z-2059Z, Feb 13 ± RSGB 1.8 MHz Contest 1900Z-2300Z, Feb 13 to 2500Z, Feb 13 ± AWA Amplitude Modulation QSO Party 2300Z, Feb 13 to 2500Z, Feb 14 ± PODXS 070 Club Valentine Sprint 0000Z-030Z, Feb 15 ± AVBA Speed Test 0000Z-100Z, Feb 15 ± A Stats GNP Group Second Sunday Sprint 0100Z-0259Z, Feb 15 ± OK1WC Memorial 1630Z-1729Z, Feb 15 ± OK1WC Memorial 1630Z-1729Z, Feb 15 ± RSGB FT4 Contest Series 2000Z-2130Z, Feb 15 ± Worldwide Sideband Activity Contest 0100Z-0159Z, Feb 16 ± RTYOPS Weeksprint 1700Z-1900Z, Feb 16 ± QRP Fox Hunt 0200Z-230Z, Feb 17 ± OK0ps Mini-CWT Test 1300Z-1400Z, Feb 17 ± OK0ps Mini-CWT Test 0300Z-0400Z, Feb		
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	<u>+</u> K1USN Slow Speed Test	0000Z-0100Z, Feb 22
<u>+</u> OK1WC Memorial 1630Z-1729Z, Feb 22	<u>+</u> QCX Challenge	1300Z-1400Z, Feb 22
	<u>+</u> OK1WC Memorial	1630Z-1729Z, Feb 22

\pm QCX Challenge	1900Z-2000Z, Feb 22
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Feb 23
+ QCX Challenge	0300Z-0400Z, Feb 23
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Feb 23
<u>+</u> SKCC Sprint	0000Z-0200Z, Feb 24
+ QRP Fox Hunt	0200Z-0330Z, Feb 24
+ Phone Weekly Test - Fray	0230Z-0330Z, Feb 24
\pm CWops Mini-CWT Test	1300Z-1400Z, Feb 24
\pm CWops Mini-CWT Test \pm CWops Mini-CWT Test	1900Z-2000Z, Feb 24
$\frac{1}{2} C wops Mini-C w T Test + UKEICC 80m Contest$	2000Z-2100Z, Feb 24
<u>+</u> CWops Mini-CWT Test	0300Z-0400Z, Feb 25
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Feb 25
<u>+</u> RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 25
<u>+ NCCC RTTY Sprint</u>	0145Z-0215Z, Feb 26
<u>+</u> QRP Fox Hunt	0200Z-0330Z, Feb 26
<u>+ NCCC Sprint</u>	0230Z-0300Z, Feb 26
<u>+ K1USN Slow Speed Test</u>	2000Z-2100Z, Feb 26
<u>+ CQ 160-Meter Contest, SSB</u>	2200Z, Feb 26 to 2200Z, Feb 28
<u>+</u> REF Contest, SSB	0600Z, Feb 27 to 1800Z, Feb 28
<u>+</u> FTn DX Contest	1200Z, Feb 27 to 1200Z, Feb 28
<u>+</u> UBA DX Contest, CW	1300Z, Feb 27 to 1300Z, Feb 28
<u>+</u> South Carolina QSO Party	1500Z, Feb 27 to 0159Z, Feb 28
<u>+</u> NA Collegiate Championship, RTTY	1800Z, Feb 27 to 0559Z, Feb 28
<u>+</u> North American QSO Party, RTTY	1800Z, Feb 27 to 0559Z, Feb 28
<u>+</u> High Speed Club CW Contest	1400Z-1700Z, Feb 28
<u>+</u> Classic Exchange, CW	1400Z, Feb 28 to 0800Z, Mar 1 and
	1400Z, Mar 2 to 0800Z, Mar 3
<u>+</u> North Carolina QSO Party	1500Z, Feb 28 to 0059Z, Mar 1
March 2021	
	00007 01007 Mar 1
<u>+ K1USN Slow Speed Test</u>	0000Z-0100Z, Mar 1
\pm OK1WC Memorial	1630Z-1729Z, Mar 1
<u>+</u> RSGB 80m Club Championship, Data	2000Z-2130Z, Mar 1
<u>+</u> Worldwide Sideband Activity Contest	0100Z-0159Z, Mar 2
<u>+</u> ARS Spartan Sprint	0200Z-0400Z, Mar 2
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 2
<u>+ AGCW YL-CW Party</u>	1900Z-2100Z, Mar 2
<u>+ QRP Fox Hunt</u>	0200Z-0330Z, Mar 3
<u>+</u> Phone Weekly Test - Fray	0230Z-0300Z, Mar 3
<u>+</u> CWops Mini-CWT Test	1300Z-1400Z, Mar 3
<u>+</u> VHF-UHF FT8 Activity Contest	1700Z-2000Z, Mar 3
<u>+</u> CWops Mini-CWT Test	1900Z-2000Z, Mar 3
<u>+</u> UKEICC 80m Contest	2000Z-2100Z, Mar 3
<u>+</u> CWops Mini-CWT Test	0300Z-0400Z, Mar 4
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 4
<u>+</u> NRAU 10m Activity Contest	1800Z-1900Z, Mar 4 (CW) and
	1900Z-2000Z, Mar 4 (SSB) and
	2000Z-2100Z, Mar 4 (FM) and
	2100Z-2200Z, Mar 4 (Dig)
\pm SKCC Sprint Europe	2000Z-2200Z, Mar 4

+ NCCC RTTY Sprint	0145Z-0215Z, Mar 5
+ QRP Fox Hunt	0200Z-0330Z, Mar 5
+ NCCC Sprint	0230Z-0300Z, Mar 5
+ K1USN Slow Speed Test	2000Z-2100Z, Mar 5
+ Novice Rig Roundup	0000Z, Mar 6 to 2359Z, Mar 14
+ ARRL Inter. DX Contest, SSB	0000Z, Mar 6 to 2400Z, Mar 7
+ Wake-Up! QRP Sprint	0600Z-0629Z, Mar 6 and
	0630Z-0659Z, Mar 6 and
	0700Z-0729Z, Mar 6 and
	0730Z-0800Z, Mar 6
+ Open Ukraine RTTY Championship	1800Z-2059Z, Mar 6 (Low Band) and
	2100Z-2359Z, Mar 6 (Low Band) and
	0800Z-1059Z, Mar 7 (High Band) and
	1100Z-1359Z, Mar 7 (High Band)
<u>+</u> UBA Spring Contest, CW	0700Z-1100Z, Mar 7
+ NSARA Contest	1200Z-1600Z, Mar 7 and
	1800Z-2200Z, Mar 7
+ SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 7
+ WAB 3.5 MHz Phone	1800Z-2200Z, Mar 7
+ K1USN Slow Speed Test	0000Z-0100Z, Mar 8
+ OK1WC Memorial	1630Z-1729Z, Mar 8
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Mar 9
+ RTTYOPS Weeksprint	1700Z-1900Z, Mar 9
\pm QRP Fox Hunt	0200Z-0330Z, Mar 10
+ Phone Weekly Test - Fray	0230Z-0300Z, Mar 10
+ CWops Mini-CWT Test	1300Z-1400Z, Mar 10
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Mar 10
+ CWops Mini-CWT Test	1900Z-2000Z, Mar 10
+ RSGB 80m Club Championship, CW	2000Z-2130Z, Mar 10
+ AWA John Rollins Memorial DX Contest	2300Z, Mar 10 to 2300Z, Mar 11 and
	2300Z, Mar 13 to 2300Z, Mar 14
<u>+</u> CWops Mini-CWT Test	0300Z-0400Z, Mar 11
+ RTTYOPS Weeksprint	1700Z-1900Z, Mar 11
+ NCCC RTTY Sprint	0145Z-0215Z, Mar 12
\pm QRP Fox Hunt	0200Z-0330Z, Mar 12
+ NCCC Sprint	0230Z-0300Z, Mar 12
+ K1USN Slow Speed Test	2000Z-2100Z, Mar 12
+ YB DX RTTY Contest	0000Z-2359Z, Mar 12
+ SARL VHF/UHF Analogue Contest	0500Z-0700Z, Mar 13 (6m) and
	0700Z-0900Z, Mar 13 (0m) and
	0900Z-1100Z, Mar 13 (70cm) and
	0500Z-0700Z, Mar 14 (6m) and
	0700Z-0900Z, Mar 14 (2m) and
	0900Z-1100Z, Mar 14 (70cm)
+ RSGB Commonwealth	1000Z, Mar 13 to 1000Z, Mar 14
+ South America 10 Meter Contest	1200Z, Mar 13 to 1200Z, Mar 14
+ F9AA Cup, SSB	1200Z, Mar 13 to 1200Z, Mar 14
+ SKCC Weekend Sprintathon	1200Z, Mar 13 to 2400Z, Mar 14
+ Oklahoma QSO Party	1400Z, Mar 13 to 0200Z, Mar 14 and
	1500Z-2200Z, Mar 14

+ AGCW QRP Contest	1400Z-2000Z, Mar 13
+ Stew Perry Topband Challenge	1500Z, Mar 13 to 1500Z, Mar 14
+ EA PSK63 Contest	1600Z, Mar 13 to 1600Z, Mar 14
+ TESLA Memorial HF CW Contest	1800Z, Mar 13 to 0559Z, Mar 14
+ QCWA QSO Party	1800Z, Mar 13 to 1800Z, Mar 14
+ Idaho QSO Party	1900Z, Mar 13 to 1900Z, Mar 14
+ QRP ARCI Spring Thaw SSB Shootout	2200Z-2300Z, Mar 13
+ North American Sprint, RTTY	2300Z, Mar 13 to 0300Z, Mar 14
± UBA Spring Contest, 2m	0700Z-1100Z, Mar 14
+ Classic Exchange, Phone	1400Z, Mar 14 to 0800Z, Mar 15 and
	1400Z, Mar 16 to 0800Z, Mar 17
+ Wisconsin QSO Party	1800Z, Mar 14 to 0100Z, Mar 15
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Mar 15
+ K1USN Slow Speed Test	0000Z-0100Z, Mar 15
+ OK1WC Memorial	1630Z-1729Z, Mar 15
+ Bucharest Digital Contest	1800Z-2059Z, Mar 15
+ RSGB FT4 Contest Series	2000Z-2130Z, Mar 15
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Mar 16
+ CLARA Chatter Party	1700Z, Mar 16 to 1700Z, Mar 17 and
- ·	1700Z, Mar 20 to 1700Z, Mar 21
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 16
+ QRP Fox Hunt	0100Z-0230Z, Mar 17
+ Phone Weekly Test - Fray	0230Z-0300Z, Mar 17
+ CWops Mini-CWT Test	1300Z-1400Z, Mar 17
+ CWops Mini-CWT Test	1900Z-2000Z, Mar 17
+ NAQCC CW Sprint	0030Z-0230Z, Mar 18
+ CWops Mini-CWT Test	0300Z-0400Z, Mar 18
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 18
\pm BCC QSO Party	1930Z-2059Z, Mar 18
\pm QRP Fox Hunt	0100Z-0230Z, Mar 19
<u>+</u> NCCC RTTY Sprint	0145Z-0215Z, Mar 19
<u>+</u> NCCC Sprint	0230Z-0300Z, Mar 19
\pm K1USN Slow Speed Test	2000Z-2100Z, Mar 19
\pm BARTG HF RTTY Contest	0200Z, Mar 20 to 0159Z, Mar 22
\pm Russian DX Contest	1200Z, Mar 20 to 1200Z, Mar 21
<u>+</u> AGCW VHF/UHF Contest	1400Z-1700Z, Mar 20 (144) and
	1700Z-1800Z, Mar 20 (432)
\pm Virginia QSO Party	1400Z, Mar 20 to 0400Z, Mar 21 and
	1200Z-2400Z, Mar 21
<u>+</u> Feld Hell Sprint	2000Z-2159Z, Mar 20
<u>+</u> UBA Spring Contest, SSB	0700Z-1100Z, Mar 21
\pm Run for the Bacon QRP Contest	2300Z, Mar 21 to 0100Z, Mar 22
<u>+</u> K1USN Slow Speed Test	0000Z-0100Z, Mar 22
<u>+</u> OK1WC Memorial	1630Z-1729Z, Mar 22
<u>+</u> Worldwide Sideband Activity Contest	0100Z-0159Z, Mar 23
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 23
<u>+</u> SKCC Sprint	0000Z-0200Z, Mar 24
<u>+</u> QRP Fox Hunt	0100Z-0230Z, Mar 24
<u>+</u> Phone Weekly Test - Fray	0230Z-0300Z, Mar 24
<u>+</u> CWops Mini-CWT Test	1300Z-1400Z, Mar 24

± CWops Mini-CWT Test	1900Z-2000Z, Mar 24
+ CWops Mini-CWT Test	0300Z-0400Z, Mar 25
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 25
+ RSGB 80m Club Championship, SSB	2000Z-2130Z, Mar 25
\pm QRP Fox Hunt	0100Z-0230Z, Mar 26
<u>+</u> NCCC RTTY Sprint	0145Z-0215Z, Mar 26
\pm NCCC Sprint	0230Z-0300Z, Mar 26
\pm K1USN Slow Speed Test	2000Z-2100Z, Mar 26
\pm FOC QSO Party	0000Z-2359Z, Mar 27
\pm CQ WW WPX Contest, SSB	0000Z, Mar 27 to 2359Z, Mar 28
<u>+</u> UBA Spring Contest, 6m	0600Z-1000Z, Mar 28
<u>+</u> K1USN Slow Speed Test	0000Z-0100Z, Mar 29
\pm QCX Challenge	1300Z-1400Z, Mar 29
<u>+</u> OK1WC Memorial	1630Z-1729Z, Mar 29
\pm QCX Challenge	1900Z-2000Z, Mar 29
<u>+</u> Worldwide Sideband Activity Contest	0100Z-0159Z, Mar 30
\pm QCX Challenge	0300Z-0400Z, Mar 30
<u>+</u> RTTYOPS Weeksprint	1700Z-1900Z, Mar 30
\pm QRP Fox Hunt	0100Z-0230Z, Mar 31
\pm Phone Weekly Test - Fray	0230Z-0300Z, Mar 31
<u>+</u> CWops Mini-CWT Test	1300Z-1400Z, Mar 31
<u>+</u> CWops Mini-CWT Test	1900Z-2000Z, Mar 31
<u>+</u> UKEICC 80m Contest	2000Z-2100Z, Mar 31